

## Record of a Habitats Regulations Assessment of a plan

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## Contents

### Section

1. Plan details
2. Determining whether HRA is required
3. Test of likely significant effect
  - Identifying likely significant effects alone
  - Identifying likely significant effects in combination
- 5 In-combination assessment
  - Identifying possible in-combination effects
  - Addressing in combination effects
6. Integrity test
7. Consultation with Strategic Assessment Team

Appendix A - Maps showing locations of uCSO and designated sites: Ramsars/SPA's/SAC's

Appendix B - List of uCSO sites

Appendix C - Plan

Appendix D - extract from EPR 7.01 page 64

## 1. Plan Details

Section 1: Plan details	
<b>Plan reference</b>	Unregulated Intermittent Programme
<b>Content of Plan</b>	<p>The Unpermitted Intermittent Programme aims to regulate existing DCWW assets under current EPR legislative requirements where no permit exists.</p> <p>In total 374 possible unregulated Combined Sewage Overflow (uCSO) assets have been identified (see appendix A and B). All assets will be assessed using the best information available at the time of application. Assets will be inspected/assessed by DCWW and NRW and will be classed as one of the following conditions.</p> <ul style="list-style-type: none"> <li>• uCSO assets inspected by DCWW that are no longer required with no discharge occurring or the discharge will cease and will not be regulated as part of the Unpermitted Intermittent Programme and will be removed from the list used in this plan.</li> <li>• uCSO assets that are assessed by DCWW as satisfactory as described in current EPR 7.01, operating appropriately not causing degradation to the environment will be put forward for regulation as part of the Unpermitted Intermittent Programme.</li> </ul> <p>Further assessment of the proposed assets for regulation by DCWW will be completed by NRW Water Policy team with consultation of the relevant NRM team. Assets that are then considered by NRW as not required will not progress through to regulation as part of the Unpermitted Intermittent Programme because the discharge will cease to exist.</p> <p>Assets deemed unsatisfactory by NRW will be required to be resubmitted later in the programme once the local Natural Resources Management (NRM) team has liaised directly with DCWW to resolve the issues. A timescale should be agreed with DCWW before the application is submitted for a permit application back through this programme of work.</p> <p>Assets that are considered satisfactory will progress forward for application of permit submitted by DCWW. This will ensure only assets that are considered by both DCWW and NRW as satisfactory as defined in EPR 7.01 will be regulated as part of the Unpermitted Intermittent Programme and covered by this Plan HRA</p>

	<p>This Plan HRA will only be applicable in the determination of applications where satisfactory assets have been identified as being one of multiple discharges that directly discharge to or are within the habitat risk screening distance of designated sites. The habitat risk screening distance screens in all European sites that fall within a 10 km radius from a discharge point, as per current NRW Water Quality assessment criteria for Habitat Risk Screening.</p> <p>While we have high confidence that the assets will not lead to any adverse effects on any Natura 2000 Sites (as set out in the tables below), alone or in-combination, as no quantifiable operational data is available for these assets it is not possible at this stage to present discharge data evidence to support this assertion. NRW therefore intends to permit the discharges with the following requirements included in the issued permit. The operator will be required to install Event Duration Monitoring (EDM) at the asset, recording when and for how long the uCSO discharges. The condition will also require the review of the discharge impacts using the operational data supplied by DCWW, all of which will be reviewed by end of 2023 – and will be subject to individual project-level HRA at that time of review.</p> <p>At determination of an application submitted as part of the Unpermitted Intermittent Program, assessment will be completed to determine if the discharge is one of several discharges to a designated site and should be considered as part of this Plan HRA. Applications that are not considered to be part of multiple discharges to a designated site will not be covered by this Plan HRA and will be assessed via separate individual Project HRA methodology at the current time and prior to a permit being issued.</p>
<b>Location</b>	Location of the uCSO's assets are across Wales. Full list and location of sites can be found in the appendix A and B
<b>NRW team responsible for developing the Plan, and name of lead officer</b>	James Wakeford Water Quality Permitting Team
<b>NRW team responsible for providing the information for this HRA, and name of lead officer</b>	NRW Water Quality Permitting Team  James Wakeford
<b>NRW team responsible for approving the Plan (competent authority role)</b>	Water Policy & Directives Implementation team and Water Quality Permitting Team

<b>Plan documents</b>	<ul style="list-style-type: none"> <li>• Appendix A - Maps showing locations of uCSO and designated sites: Ramsar's/SPA's/SAC's</li> <li>• Appendix B – List of uCSO sites</li> <li>• Appendix C – The Plan: Unpermitted Intermittent Programme</li> <li>• Appendix D - Extract from EPR 7.01: How to classify satisfactory storm discharges, page 65</li> <li>• CBE EMS APP21 Final signed v2 -Proforma for stage 3 appropriate assessment for Carmarthen Bay Estuaries SAC, Burry Inlet SPA / Ramsar and Carmarthen Bay SPA</li> <li>• Associated site management plans and Reg 33 and 35 documents which can be found on NRW website (specific documents are listed in section 3 of this plan HRA)</li> <li>• Y Fenai a Bae Conwy / Menai Strait and Conwy Bay Special Area of Conservation Indicative site level feature condition assessments 2018: NRW Evidence Report No: 232</li> </ul>
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## 2. Determining the need for a Habitats Regulations Assessment

<b>2.1 Is the whole of the project directly connected with or necessary to the management of one or more Natura 2000 sites, for the purposes of conserving the habitats or species for which the Natura 2000 site(s) is/are designated?</b>	<b>No</b>
<b>2.2 Is there a possibility that the project could affect a different Natura 2000 site to the one(s) the project is intended to conserve?</b>	<b>N/A</b>
<b>2.3 Is it necessary to carry out an HRA?</b>	<b>Yes</b>
<b>2.4 For the reasons given above, this Plan is not considered to require HRA</b>	<b>Signed: N/A</b>  <b>Date:</b>

### 3. Test of likelihood of a significant effects

#### 3.1 Considering likely significant effects alone

<b>3.1.1 Which European sites might be affected by the Plan?</b>	<p>Based on the project specification or information provided in the application, it is considered that the following European sites have features which could be affected by the plan, because they lie within 10 km of a discharge point:</p> <p><b><u>Ramsar Sites</u></b> Severn Estuary Wales Burry Inlet The Dee Estuary (Wales)</p> <p><b><u>SPA's</u></b> Northern Cardigan Bay / Gogledd Bae Ceredigion Anglesey Terns / Morwenoliaid Ynys Môn Traeth Lafan / Lavan Sands, Conway Bay Liverpool Bay / Bae Lerpwl (Wales) Severn Estuary Carmarthen Bay Burry Inlet Glannau Ynys Gybi / Holy Island Coast The Dee Estuary (Wales)</p> <p><b><u>SAC's</u></b> Severn Estuary Wales Carmarthen Bay and Estuaries / Bae Caerfyrddin ac Aberoedd Bristol Channel Approaches / Dynesfeydd Môr Hafren Pembrokeshire Marine / Sir Benfro Forol West Wales Marine Pen Llyn a'r Sarnau / Llyn Peninsula and the Sarnau North Anglesey Marine / Gogledd Môn Forol Glannau Ynys Gybi / Holy Island Coast Y Fenai a Bae Conwy / Menai Strait and Conwy Bay</p>
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River Usk/ Afon Wysg  
River Wye / Afon Gwy (Wales)  
The Dee Estuary (Wales)

Potential pathways have been assessed for validity against the nature of the uCSO discharges. The pathways that have potential to impact have been carried forward to the Test of Likely Significance (TLSE) for assessment, based on site conservation objectives (as found in each site Core Management Plan/Regulation 35 packages).

The following list of potential impact pathways have been ruled out when assessed against the conservation objectives as there will be no impact from discharges. This is because the discharges consist of storm effluent derived from domestic sewage effluent and rain water only. pH levels will not be outside the range of 6 to 9. Discharged volume will not be excessive as to alter the saline regime with all receiving waters courses in flood at time of discharge. All discharges are in place with associated scour protection measures. Abstractions will not occur under this program of works.

**Toxins contamination**  
**Physical damage i.e. scouring**  
**Change in temperature**  
**Change in Salinity**  
**Change pH**  
**Change in water levels – i.e. abstractions.**

The potential for the project to affect the following Natura 2000 sites was also initially considered, but can be ruled out without further consideration:

**Ramsar's**

Crymlyn bog  
Cors Caron  
Cors Fochno and Dyfi  
Corsydd Môn a Llyn / Anglesey and Llyn Fens  
Llyn Tegid  
Midland Meres & Mosses Phase 2 (Wales)  
Llyn Idwal

**SPA'S**

	<p>Skomer, Skokholm and the Seas off Pembrokeshire  Castlemartin Coast  Grassholm  Ramsey and St David's Peninsula Coast  Glannau Aberdaron ac Ynys Enlli / Aberdaron Coast and Bardsey Island  Mynydd Cilan, Trwyn y Wylfa ac Ynysoedd Sant Tudwal  Berwyn  Craig yr Aderyn (Bird's Rock)  Dyfi Estuary / Aber Dyfi  Elenydd – Mallaen  Glannau Ynys Gybi / Holy Island Coast  Migneint-Arenig-Dduallt  Ynys Seiriol / Puffin Island</p> <p><b><u>SAC's</u></b>  Carmarthen Bay Dunes / Twyni Bae Caerfyrddin  Cemlyn Bay  Morfa Harlech a Morfa Dyffryn  Clogwyni Pen Llyn / Seacliffs of Llyn  Kenfig  Dunraven Bay</p> <p>The above sites have been ruled out due to one or more of the following reasons:  There is no hydrological connectivity with the sites special features.  The sites special features are not sensitive to the activity.  There is no conceivable impact by virtue of the location and distance.</p>
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3.1.2 Screening assessment			
	Assessment of likelihood of significant effect		
	I <b>Relevant conservation objectives</b> <i>Relevant conservation objectives from Natura 2000 site Core Management Plan (or Natura 2000 core man plan reference and version no), or NRW Regulation 35 advice (as applicable)</i>	II <b>Potential impact pathway</b> <i>For each row assign appropriate colour (as above) and give short explanation as required</i>	III <b>Avoidance measure</b> <i>Briefly describe the actions included within the Plan that will ensure that the potential effects are avoided, are not significant or are not likely</i>
<b>Severn Estuary SAC/SPA/Ramsar</b>			
<u>SAC features:</u> Estuaries Subtidal sandbanks Intertidal mudflats and sandflats Atlantic salt meadows Reefs River lamprey Sea Lamprey Twaite shad  <u>SPA features:</u> Bewick's Swan Redshank European white-fronted goose Dunlin Shelduck Gadwall Internationally important assemblage >20,000 waterfowl  <u>Ramsar Features:</u> in addition to the above SAC and SPA features. Allis Shad Salmon	The Severn Estuary / Môr Hafren European Marine Site comprising: The Severn Estuary / Môr Hafren Special Area of Conservation (SAC) The Severn Estuary Special Protection Area (SPA) The Severn Estuary / Môr Hafren Ramsar Site Natural England & the Countryside Council for Wales' advice given under Regulation 33(2)(a) of the Conservation (Natural Habitats, &c.) Regulations 1994, as amended. June 2009  Download on 14/12/2017 from NRW external website	Nutrient enrichment Suspended Solids/turbidity/smothering Impact on food source	With high confidence, the impact of an individual uCSO when discharging alone is insignificant. It will not undermine the relevant conservation objectives and will have no likely significant effects on the interest features.  CSO's are designed to only spill intermittently, for a short time during heavy rainfall when storm flow to the network is beyond capacity due to additional storm water influx. The design of the CSO assets are compliant with TGN EPR 7.01.  Knowledge gained from determination of previous single CSO applications and NRW's expertise knowledge, the input from a single uCSO's equates to an insignificant percentage of the overall volume of the receiving waters within the designated site.  Additional sediment and nutrient loading from a single uCSO is insignificant compared to that within the receiving water course when in spate. The uCSO discharge will receive high rates of dilution and dispersal and have short retention time within the receiving waters.

Sea Trout Eel			It is also worth noting that although currently unregulated, these discharges are currently operating, and are not considered to be having likely significant effects on the interest features of this site, as evidenced by the current conservation status of the Severn Estuary SAC/SPA/Ramsar sites being favourable.
<b>Carmarthen Bay and Estuaries/Bae Caerfyrddin ac Aberoedd European Marine Site SAC/SPA Burry Inlet SPA/RAMSAR</b>			
<u>Carmarthen Bay &amp; Estuaries SAC:</u> Habitats: Large shallow inlets and bays Sandbanks which are slightly covered by seawater all the time Estuaries Mudflats and sandflats not covered by seawater at low tide Atlantic salt meadows Salicornia and other annuals colonising mud and sand  <u>Species:</u> Otter Lutra lutra Allis shad Alosa alosa Twaite shad Alosa fallax River lamprey Lampetra fluviatilis Sea lamprey Petromyzon marinus  <u>Burry Inlet and Carmarthen Bay SPAs:</u> Burry Inlet SPA	Carmarthen Bay and Estuaries/Bae Caerfyrddin ac Aberoedd European Marine Site Advice provided by Natural Resources Wales in fulfilment of Regulation 35 of the Conservation of Habitats and Species Regulations 2010 (as amended).  Downloaded 22/12/2017	Nutrient enrichment Suspended Solids/turbidity/smothering Impact on food source	See The Severn Estuary SAC/SPA/RAMSAR assessment in addition to the below information.  As defined in the Review of Consents (RoC): Appendix 21 PROFORMA FOR STAGE 3 APPROPRIATE ASSESSMENT:  “Intermittent discharges can be considered as unlikely to have a significant effect (and therefore no adverse effect on site integrity) unless they have been identified as unsatisfactory.”  The unregulated intermittent CSO discharges being regulated as part of this program are identified as satisfactory and therefore can be considered as having no likely significant effect when considered alone.  Status of the designated site is unfavourable, however, as a result of the RoC work, the status of licensed discharges with the potential to impact on the site is determined as compliant with the Habitats Directive conservation objectives.

Curlew Dunlin Grey plover Knot Oystercatcher Pintail Redshank Shelduck Shoveler Teal Turnstone Wigeon <u>Carmarthen Bay SPA:</u> Common scoter  <u>BURRY INLET RAMSAR:</u> Same above bird species			
<b>Northern Cardigan Bay / Gogledd Bae Ceredigion SPA</b>			

Red-throated diver	No management plan available, information obtained from Liverpool Bay SPA	Nutrient enrichment Suspended Solids/turbidity/smothering Impact on food source	See The Severn Estuary SAC/SPA/RAMSAR assessment in addition to the below information.  Potential impact pathway identified will affect the features food source. Rate of dilution and dispersal of effluent within the receiving coastal waters will be substantial, therefore. The additional suspended sediment and nutrients will not be significant, and will not undermine the conservation objectives.
Anglesey Terns / Morwenoliaid Ynys Môn SPA			

<p>common tern Arctic tern roseate tern sandwich tern</p>	<p>CORE MANAGEMENT PLAN INCLUDING CONSERVATION OBJECTIVES FOR Ynys Feurig, Cemlyn Bay and The Skerries SPA Cemlyn Bay SAC Ynys Feurig SSSI The Skerries SSSI Cemlyn Bay SSSI Version: 3 Mannon Lewis and John Ratcliffe Date: 31st March 2008 Approved by: N R Thomas 4th April 2008</p> <p>Download on 02/01/2018</p> <p>Anglesey Terns / Morwenoliaid Ynys Môn possible Special Protection Area: Draft conservation objectives December 2015</p> <p>Download on 02/01/2018</p>	<p>Nutrient enrichment Suspended Solids/turbidity/smothering Impact on food source</p>	<p>See above assessment for Northern Cardigan Bay SPA and The Severn Estuary SAC/SPA/RAMSAR.</p> <p>In the context of this site, the discharges are so small as to be insignificant when considered alone.</p>
<p><b>Traeth Lafan / Lavan Sands, Conway Bay SPA /SAC</b></p>			
<p>Oystercatcher</p>	<p>CORE MANAGEMENT PLAN INCLUDING CONSERVATION OBJECTIVES FOR TRAETH LAFAN/LAVAN SANDS, CONWAY BAY SPA (incorporating a section of Y Fenai a Bae Conwy/Menai Strait and Conwy Bay SAC; refer also to the Regulation 33 Advice documents)</p> <p>Version: 1.0 Date: March 2008 Approved by: Mike Willis</p> <p>Downloaded 02/01/2018</p>	<p>Nutrient enrichment Suspended Solids/turbidity/smothering Impact on food source</p>	<p>See above assessment for Northern Cardigan Bay SPA and The Severn Estuary SAC/SPA/RAMSAR. In addition to information below.</p> <p>In the context of this site, the discharges are so small as to be insignificant when considered alone.</p> <p>It is also worth noting that although currently unregulated, these discharges are currently operating. The site is currently considered to be in favourable condition indicating existing uCSO discharges are not having a likely significant effect on the interest features.</p>

<b>Liverpool Bay / Bae Lerpwl (Wales) SPA</b>			
<p>Little Tern Common Tern Red-throated Diver Little Gull Common Scooter red breasted merganser</p>	<p>Liverpool Bay / Bae Lerpwl Special Protection Area Advice under Regulation 35(3) of The Conservation of Habitats and Species Regulations 2010 (as amended) Version 6.5 (October 2012) Download on 04/01/2018</p>	<p>Nutrient enrichment Suspended Solids/turbidity/smothering Impact on food source</p>	<p>See above assessment for Northern Cardigan Bay SPA and The Severn Estuary SAC/SPA/RAMSAR. In addition to information below.</p> <p>In the context of this site, the discharges are so small as to be insignificant when considered alone.</p> <p>CSO discharges are a low risk activity to the designated site as defined in the management plan. Status is favourable indicating the existing discharges are not having a likely significant effect because the assessment states; <i>'Existing activities are deemed to be compatible with the conservation objectives if current practices are continued at current levels'</i></p>
<b>Bristol Channel Approaches / Dynesfeydd Môr Hafren SAC</b>			
<p>harbour porpoise</p>	<p>Harbour Porpoise (Phocoena phocoena) possible Special Area of Conservation: Bristol Channel Approaches / Dynesfeydd Môr Hafren Draft Conservation Objectives and Advice on Activities January 2016 Advice under Regulation 18 of The Offshore Marine Conservation (Natural Habitats, &amp;c.) Regulations 2007 (as amended), and Regulation 35(3) of The Conservation of Habitats and Species Regulations 2010 (as amended).</p>	<p>Nutrient enrichment Suspended Solids/turbidity/smothering Impact on food source</p>	<p>See above assessment The Severn Estuary SAC/SPA/RAMSAR. In addition to information below.</p> <p>In the context of this site, the discharges are so small as to be insignificant when considered alone.</p> <p>Note that impact from sewage discharges has been classed as low risk in the management plan and given these are existing discharges with no impacts identified we can safely conclude no likely significant effects on the harbour porpoise feature.</p>

	Download 04/01/2108		
<b>Pembrokeshire Marine / Sir Benfro Forol SAC</b>			
<u>Habitats:</u> Sandbanks which are slightly covered by seawater all the time Estuaries Mudflats and sandflats not covered by seawater at low tide Coastal lagoons Large shallow inlets and bays Reefs Submerged or partially submerged sea caves Atlantic salt meadows  <u>Species:</u> Grey seal Otter Allis shad Twaite shad River lamprey Sea lamprey Shore dock	Pembrokeshire Marine / Sir Benfro Forol Special Area of Conservation Advice provided by Natural Resources Wales in fulfilment of Regulation 35 of the Conservation of Habitats and Species Regulations 2010 (as amended).  Downloaded 04/01/2017	Nutrient enrichment Suspended Solids/turbidity/smothering Impact on food source	See above assessment for Northern Cardigan Bay SPA and The Severn Estuary SAC/SPA/RAMSAR. In addition to information below.  In the context of this site, the discharges are so small as to be insignificant when considered alone.  Current WFD status of the water body is Moderate and failing to meet Good status target. This is attributed to continuous point source discharges, with the management plan stating ' <i>sources such as intermittent discharges are believed to be relatively insignificant.</i> '
<b>West Wales Marine SAC and North Anglesey Marine / Gogledd Môn Forol SAC</b>			
Harbour Porpoise	Harbour Porpoise (Phocoena phocoena) possible Special Area of Conservation: West Wales Marine / Gogledd Môn Forol Draft Conservation Objectives and Advice on Activities January 2016	Nutrient enrichment Suspended Solids/turbidity/smothering Impact on food source	See above assessment for The Severn Estuary SAC/SPA/RAMSAR and Bristol Channel Approaches SAC. In addition to information below.  In the context of this site, the discharges are so small as to be insignificant when considered alone.

	<p>Advice under Regulation 18 of The Offshore Marine Conservation (Natural Habitats, &amp;c.) Regulations 2007 (as amended), and Regulation 35(3) of The Conservation of Habitats and Species Regulations 2010 (as amended).</p> <p>Download 05/01/2018</p>		<p>Sewage discharges are considered Low risk to the interest features.</p>
<b>North Anglesey Marine / Gogledd Môn Forol SAC</b>			
Harbour Porpoise	<p>Harbour Porpoise (Phocoena phocoena) possible Special Area of Conservation: North Anglesey Marine/ Gogledd Môn Forol Draft Conservation Objectives and Advice on Activities January 2016 Advice under Regulation 18 of The Offshore Marine Conservation (Natural Habitats, &amp;c.) Regulations 2007 (as amended), and Regulation 35(3) of The Conservation of Habitats and Species Regulations 2010 (as amended).</p> <p>Download 05/01/2018</p>	<p>Nutrient enrichment Suspended Solids/turbidity/smothering Impact on food source</p>	<p>See above assessment for The Severn Estuary SAC/SPA/RAMSAR, West Wales Marine SAC and Bristol Channel Approaches SAC</p> <p>In the context of this site, the discharges are so small as to be insignificant when considered alone.</p>
<b>Pen Lyn a'r Sarnau / Lleyl Peninsula and the Sarnau SAC</b>			
<p><u>Habitats:</u> Reefs Large shallow inlets and bays Sandbanks which are slightly covered by seawater all the time Estuaries</p>	<p>Pen Llyn a'r Sarnau / Lleyl Peninsula and the Sarnau Special Area of Conservation Advice provided by Natural Resources Wales in fulfilment of Regulation 35 of the Conservation of Habitats and Species Regulations 2010 (as amended).</p> <p>Download 05/01/2018</p>	<p>Nutrients/eutrophication smothering/sediment/turbidity Impact on key food source</p>	<p>See above assessment for Bristol Channel Approaches SAC and The Severn Estuary SAC/SPA/RAMSAR. In addition to information below.</p> <p>The management plan highlights little is known about the CSO discharges to the designated site. This program of works will provide the information and data relating to CSO discharges and will provide a</p>



<p>Mudflats and sandflats not covered by seawater at low tide</p> <p>Atlantic salt meadows</p> <p>Salicornia and other annuals colonising mud and sand</p> <p>Submerged or partially submerged sea caves</p> <p><u>Species:</u></p> <p>Grey seal</p> <p>Bottlenose dolphin</p> <p>Otter</p>			<p>mechanism for improvement in management of water quality.</p>
<b>Glannau Ynys Gybi/Holy Island Caosr SAC and SPA</b>			
<p>Reefs</p> <p>Submerged or partially submerged sea caves</p> <p>Grey seal</p> <p>A sponge</p>	<p>CORE MANAGEMENT PLAN INCLUDING CONSERVATION OBJECTIVES FOR</p> <p>Glannau Ynys Gybi SAC &amp; Glannau Ynys Gybi SPA</p> <p><i>Incorporating:</i></p> <p>GLANNAU YNYS GYBI: HOLY ISLAND COAST SSSI,</p> <p>TRE WILMOT SSSI</p> <p>GLANNAU RHOSCOLYN SSSI</p> <p>Version: 1.0</p> <p>Date: 11 April 2008 (Minor map edit, February 2013)</p> <p>Approved by: Mike Willis</p> <p>Download 05/01/2018</p>	<p>No Conservation objects are set relating to the special features.</p> <p>Generic impacts pathways have been applied:</p> <p>Nutrient enrichment</p> <p>Suspended Solids/turbidity/smothering</p> <p>Impact on food source</p>	<p>See above assessment for Bristol Channel Approaches SAC and The Severn Estuary SAC/SPA/RAMSAR. In addition to information below.</p> <p>In the context of this site, the discharges are so small as to be insignificant when considered alone.</p> <p>Note that although the listed features are within a management plan, there are no set conservation objectives. Therefore, associated impacts of discharge on sites with similar features are considered applicable. With confidence, it can be considered there will be no likely significant effects.</p>
<b>Y Fenai a Bae Conwy / Menai Strait and Conwy Bay SAC</b>			
<p>Shallow inlets and Bays</p>	<p>Menai Strait &amp; Conwy Bay / Y Fenai a Bae Conwy</p> <p>Special Area of Conservation</p>	<p>Nutrient enrichment</p> <p>Suspended Solids/turbidity/smothering</p> <p>Impact on food source</p>	<p>See above assessment for The Severn Estuary SAC/SPA/RAMSAR. In addition to information below.</p>

Intertidal mudflats and sandflats not covered by seawater at low tide Reefs Subtidal sandbanks Sea caves	Advice provided by Natural Resources Wales in fulfilment of Regulation 35 of the Conservation of Habitats and Species Regulations 2010 (as amended).  Download 05/01/2018		<p>In the context of this site, the discharges are so small as to be insignificant when considered alone.</p> <p>In addition, note the following: Site level Condition assessment of 2018 identified 3 features as being in favourable condition - Mudflats and sandflats not covered by seawater at low tide, Reefs and Sandbanks which are slightly covered by seawater all the time. The report states “<i>No activities identified as having a direct impact on feature condition.</i>”</p> <p>Submerged or partially submerged sea caves are classified as Unknown, with no activities identified as having a direct impact on feature condition.</p> <p>Large shallow inlets and bays are currently unfavourable status for Structure/Function and Typical species due to water quality issues specifically mercury and its compounds.</p> <p>Discharges are cited as the most likely reason for this, but the report does not elaborate which type of discharge. Given the nature of CSO discharges, mercury is not a substance normally associated. It is therefore reasonable to conclude the uCSO are not a significant contributor. Therefore, we can conclude, alone the uCSO discharges are not likely to have a significant effect.</p>
<b>River Usk SAC (Unit 1)</b>			
Sea Lamprey River Lamprey Twaite shad	CORE MANAGEMENT PLAN INCLUDING CONSERVATION OBJECTIVES	Nutrient enrichment Suspended Solids/turbidity/smothering Impact on food source	See the Severn Estuary SAC/SPA/RAMSAR assessment in addition to the below information.

<p>Allis shad Atlantic salmon European otter</p>	<p>FOR RIVER USK SPECIAL AREA OF CONSERVATION Version: 1.5 Date: 7th March 2008 Approved by: David Mitchell</p> <p>Download 05/01/2017</p>		<p>The features of the site have varying status conditions. Common throughout all conservation objectives: suspended solids and general water quality are cited as potential issues within the designated site.</p> <p>Given the nature of a CSO discharge as described and the receiving water course having naturally elevated levels of suspended solids and nutrient during spate, effects from a single uCSO will not be significant.</p>
<p><b>River Wye / Afon Gwy (Wales) Lower and Upper SAC</b></p>			
<p>Sea lamprey River lamprey Brook lamprey Twaite shad Allis shad Atlantic salmon Bullhead European otter Rivers with floating vegetation often dominated by water-crowfoot White-clawed crayfish</p>	<p>CORE MANAGEMENT PLAN INCLUDING CONSERVATION OBJECTIVES FOR RIVER WYE / AFON GWY SPECIAL AREA OF CONSERVATION (SAC)</p> <p>Version 2 September 2017 – Update to water quality Approved by Gillian Barter</p>	<p>Nutrient enrichment Suspended Solids/turbidity/smothering Impact on food source</p>	<p>See the Severn Estuary SAC/SPA/RAMSAR and River Usk SAC assessment</p> <p>In the context of this site, the discharges are so small as to be insignificant when considered alone.</p> <p>Atlantic salmon Status: Unfavourable: Unclassified. 'The relatively demanding water quality and spawning substrate quality requirements of this feature mean that reduction in pollution and siltation impacts is a high priority'. Cited as being source of problems are diffuse discharges arising from agricultural practices. Point source discharges are noted as potential source and should be regulated accordingly.</p> <p>Bullhead Status: Unfavourable: Unclassified. Cited in the management plan the current status is due to localised water quality failures. No further indication of source is given. General management to improve water quality overall will benefit the feature.</p>

			<p>Otter Status: Unfavourable. Main reason cited for this is lack of breeding sites within the middle stretches of the river and toxin pollution impacting the water quality. By the nature a CSO discharge, it will not contain any toxic substance such as PCB's, nor will any issued permit grant the discharge of a toxic substance within a CSO discharge.</p> <p>Water courses of plain to montane levels with the Ranunculus fluitans and Callitriche-Batrachium vegetation Status: Unfavourable: Unclassified. Current status 'results from reduced water quality in some tributaries of the Wye...due mainly to diffuse pollution from agriculture'. Water quality is important to the favourable conservation status of this feature with sufficiently low phosphate levels required within the natural range of the vegetation. Diffuse agricultural discharges are cited as main source of phosphates.</p> <p>White-clawed crayfish Status: Unfavourable: Declining. This is due to invasive signal crayfish and diffuse toxic pollution from sheep dipping and silage runoff. Point source discharges are not cited as issue for this feature. Toxins are not permitted within CSO discharge.</p>
<b>The Dee Estuary (Wales) SAC, SPA, Ramsar</b>			
<u>SAC Habitats</u> Estuaries Mudflats and sandflats not covered by seawater at low tide (intertidal mudflats and sandflats)	THE DEE ESTUARY EUROPEAN MARINE SITE COMPRISING: DEE ESTUARY / ABER DYFRDWY SPECIAL AREA OF CONSERVATION THE DEE ESTUARY SPECIAL PROTECTION AREA THE DEE ESTUARY RAMSAR SITE	Nutrient enrichment Suspended Solids/turbidity/smothering Impact on food source	See the Severn Estuary SAC/SPA/RAMSAR  It is also worth noting that although currently unregulated, these discharges are currently operating, and are not considered to be having likely significant effects on the interest features of this site, as evidenced by the current conservation status of The Dee

<p>Salicornia and other annuals colonising mud and sand Atlantic salt meadows Annual vegetation of drift lines</p> <p><u>SAC Species</u> River Lamprey Sea Lamprey</p> <p><u>SPA Species</u> Sandwich tern Little tern Common tern Bar- tailed godwit Redshank Shelduck Teal Pintail Oystercatcher Grey Plover Knot Dunlin Black-tailed godwit Curlew</p> <p><u>Ramsar features</u> Redshank Shelduck Teal Pintail Oystercatcher Grey Plover Knot Dunlin Black-tailed godwit Curlew Bar-tailed godwit</p>	<p>Natural England &amp; the Countryside Council for Wales' advice given under Regulation 33(2) of the Conservation (Natural Habitats &amp;c.) Regulations 1994 January 2010</p>		<p>Estuary SAC/SPA/Ramsar sites being favourable.</p>
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3.1.3 Screening decision when considered alone	
(a) If there are NO rows coloured RED in column II of Table 3.1.2, and there are ANY rows which are BLUE	The Plan is not likely to have a significant effect on any European sites when considered alone. The possibility of significant effects in combination with other plans and projects needs to be considered.
(b) If ANY rows in Column II of Table 3.1.2 are RED	N/A

## 3.2 Considering likely significant effects in combination

### 3.2.1 Identifying possible in-combination effects

Blue impact pathway from Table 3.1.2	European site feature(s) concerned	Other plans/projects with effects that could interact with the effects of the plan to render its effects significant (if any)	Nature of the in-combination effect (if any)	Is there likely to be any significant in-combination effect, in view of the site's conservation objectives?
Nutrient enrichment Suspended Solids/turbidity/ smothering Impact on food source	All sites identified in Section 3.1.2 - TLSE	uCSO assets that are taken through to application for permit as part of this program of works.  Burry Inlet and Loughor continuous discharge improvement program.	Based on expert knowledge, and the fact that all assets are operating in a satisfactory manner, in addition to the information detailed in the TLSE assessment and assessments carried out as part of the Review of Consents, it can be concluded with a high degree of confidence that the uCSO's will have no likely significant effects alone.  Assessment of the status of the designated sites highlight water quality as being of general concern.	Uncertain – the lack of quantifiable data at present means that a degree of uncertainty remains – therefore there is a need to progress to

		<p>Discharges regulated via issued permits are completed projects and are accounted for in the background of the receiving waters.</p>	<p>There are no identified direct relationships between intermittent discharges of this nature (regulated or unregulated) alone or in combination being cited as main cause for features being unfavourable. Rather diffuse non-point source pollution and continuous discharges are the main concerns for maintaining good water quality.</p> <p>Burry Inlet and Loughor Estuary continuous discharge improvement program is to apply to vary Llanelli and Gowerton WwTW permits and associated permitted CSO's and the permitted CSO's at pumping stations of Bynea and Northumberland. Applications to vary will reduce current volume of untreated sewage effluent discharged to the Burry Inlet and Loughor Estuary by reducing number of spills from the permitted CSO's. This will be obtained by increasing the treatment capacity at the WwTWs to treat more effluent during storm conditions, thus reducing overall nutrients and suspended solids discharged during storm events. Determination of these variation applications will include individual project level HRA's.</p> <p>Likely significant effects from discharges in-combination with each other and other proposed discharges is therefore unlikely. However, at present, there is no quantifiable data to further corroborate this and, therefore, some uncertainty remain over the total contribution of the CSOs to nutrient levels on N2K sites.</p> <p>The program of works, as described in the plan description, will provide the mechanism for collection of operational data and review of permits will address this in-combination uncertainty – see Table 5.2.</p>	<p>appropriate assessment.</p>
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Signed \_\_\_\_\_

Date \_\_\_\_\_



## 5 Appropriate assessment In-combination assessment

### 5.1 Identifying possible in-combination effects

Residual effect (from Table 4.2)	European site feature(s) concerned	Other plans/projects with effects that could interact with the effects of the Plan to render its effects significant (if any)	Nature of the in-combination effect (if any)	Is there likely to be any significant in-combination effect, in view of the site's conservation objectives? 'Yes', 'No' or 'Uncertain'
Nutrient enrichment Suspended Solids/turbidity/ smothering Impact on food source	All sites identified in Section 3.1.2 - TLSE	Discharges identified as part of the plan  Burry Inlet and Loughor Estuary continuous discharge improvement program.	There is the potential for discharges to act in-combination to increase levels of nutrient enrichment, suspended solids, turbidity, smothering and impacts on food sources	Uncertain - based on best information available at present adverse effects are unlikely – However, the lack of quantifiable discharge data at present means that a degree of uncertainty remains.

## 5.2 Addressing in combination effects

<b>In combination effect</b> <b>(list any 'Yes' or 'Uncertain's from the</b> <b>right hand column of the table in section</b> <b>5.1)</b>	<b>Conditions, restrictions or other</b> <b>measures, if any, applicable to the Plan,</b> <b>and/or to the other plans/projects giving</b> <b>rise to the in combination effect, which</b> <b>could remove the risk of adverse effects</b> <b>on the European site features. Include</b> <b>details of how such measures would be</b> <b>applied, and who would be responsible</b> <b>for applying them.</b>	<b>Taking into account any additional</b> <b>measures identified and how they would</b> <b>be applied, can adverse effects on site</b> <b>features from in-combination effects be</b> <b>ruled out? 'Yes', 'No' or 'Uncertain'</b>
Nutrient enrichment Suspended Solids/turbidity/ smothering Impact on food source	<p>Additional loading of suspended solids and nutrients to the features will be limited and insignificant when considered alone compared to background levels at time of discharge. Dispersal will be substantial with all loadings being short term i.e. only during storm conditions when natural high levels are present within the receiving waters.</p> <p>The existing discharges have been identified as not having likely significant effects alone through qualitative assessment of current management plans and status, detailed in the section 3.1.2. Based on the information available at the current time, it is highly likely that in-combination effects will not be adverse. However, the lack of discharge data introduces a small level of uncertainty.</p> <p>To overcome this uncertainty, the following mitigation will be implemented. Mitigation as part of the plan requires initial regulation of the discharges and deferral of the project HRA until review of the discharges, as</p>	Yes-subject to the requirements set out and subsequent completion of project level HRA at review.

	<p>described below. This provides the mechanism for collection of quantifiable data prior to review to meaningfully assess the discharges at review when the deferred individual project HRA will then be completed.</p> <p>This will ensure NRW's ability to enforce instillation of EMD is no later than 31st March 2020 and review of permits issued is completed no later than end of 2023, when three years' worth of data has been collected with DCWW providing the status report of asset impact and EDM data.</p> <p>At review, NRW will complete the deferred individual project HRA which will allow confirmation of the conclusion of no adverse effects 'in combination'. Following the individual project level HRA assessments, one of the following 3 outcomes will apply;</p> <ul style="list-style-type: none"> <li>• No adverse effects identified and the permit will be left unchanged.</li> <li>• The discharge could have the potential to undermine the conservation objectives in the long term 'in combination' with the other CSOs but improvement requirements detailed within the solutions report, imposed through variation of the permit can effectively remove any risk from the discharge or;</li> <li>• The discharge could potentially undermine the conservation objectives in the long term 'in combination' with the other CSOs but improvement is not an option so the permit will be revoked.</li> </ul>	
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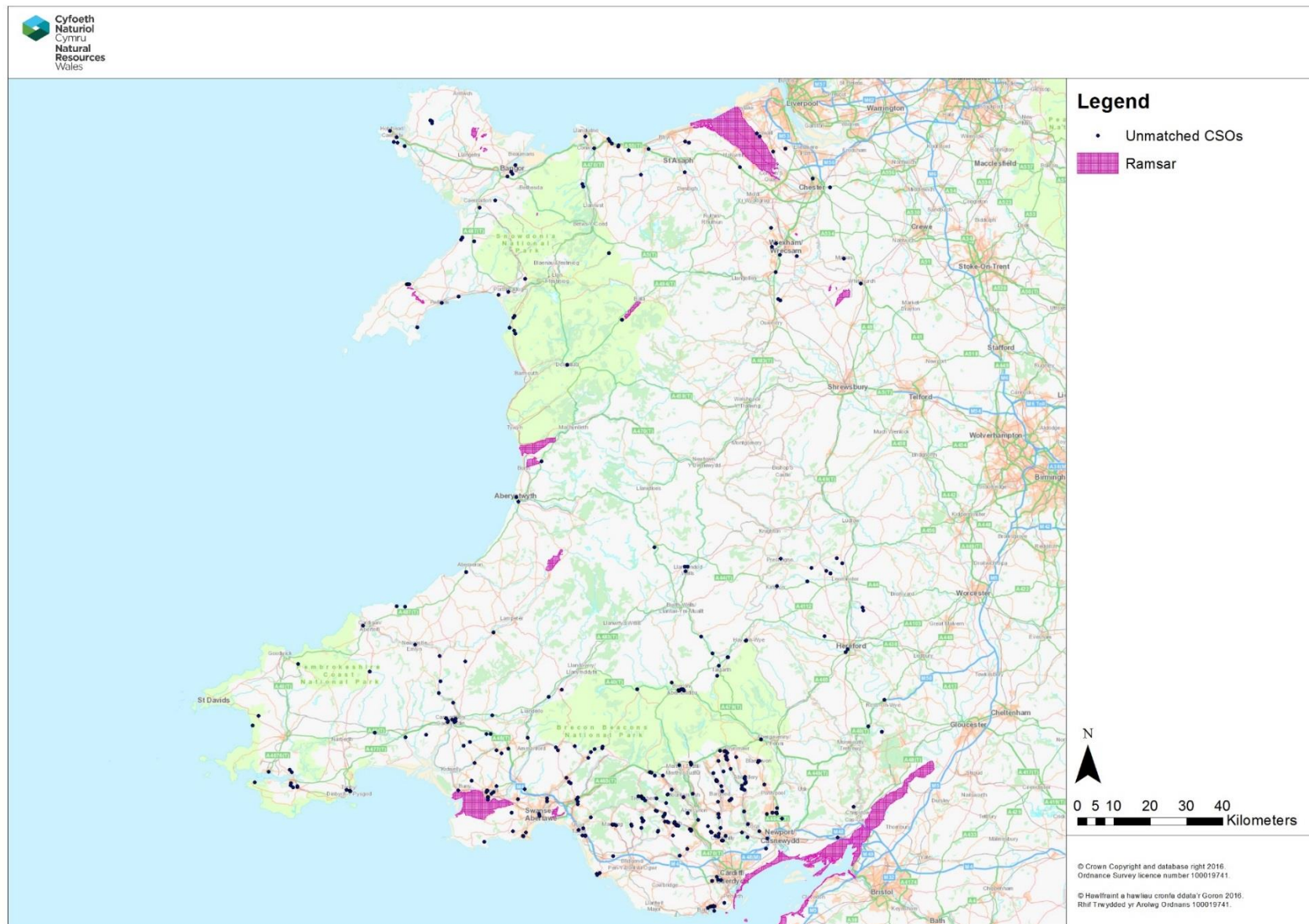
## 6. Integrity test

<b>6.1 In light of the conclusions of the appropriate assessment (sections 4, and 5 if applicable), and taking account of the advice received from the Strategic Assessment Team, has it been established that the Plan will not adversely affect the integrity of any European sites, taking into account any conditions or restrictions, either alone or in-combination with other plans and projects?</b>	
<b>6.2 It has been ascertained the Plan will not adversely affect the integrity of any European site, if applicable subject to any conditions or restrictions identified. Approval of the Plan, subject to any conditions or restrictions as applicable, would be compliant with Article 6(3) of the Habitats Directive (and/or with Government policy towards Ramsar sites, if applicable)</b>	Signed:  Date:
<b>6.3 It has not been ascertained that the Plan will not adversely affect the integrity of any European site. Approval for the Plan cannot be given unless:</b> <ul style="list-style-type: none"><li>• the Plan, and/or the terms under which it might be approved, are modified so as to remove the risk of adverse effects, and a revised HRA report is prepared</li></ul>	Signed:

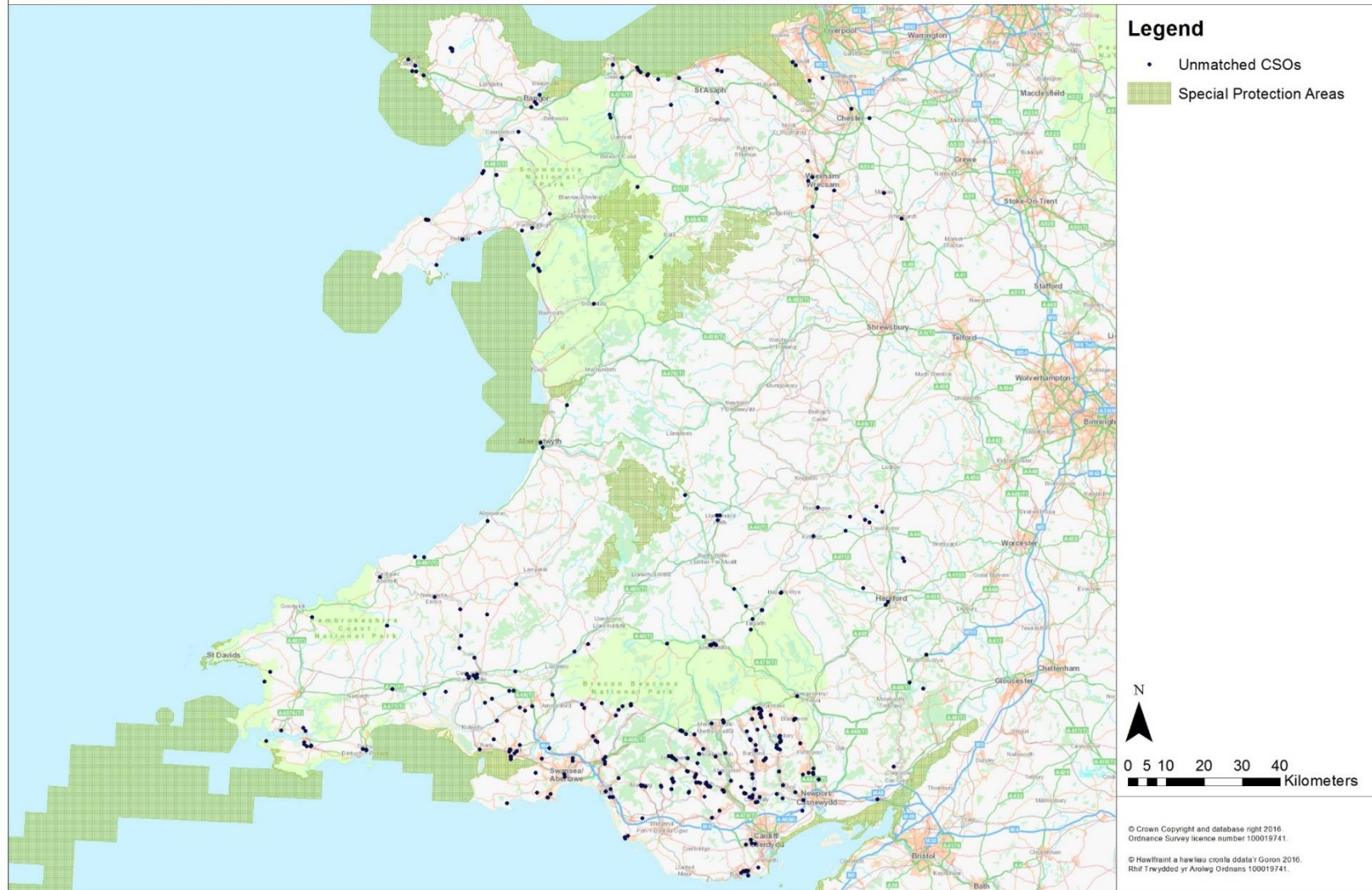
**7. Consultation with protected sites advisor(s) and how sections 2, 3, 4 and 5 of this HRA report (as applicable) take into account that advice.**

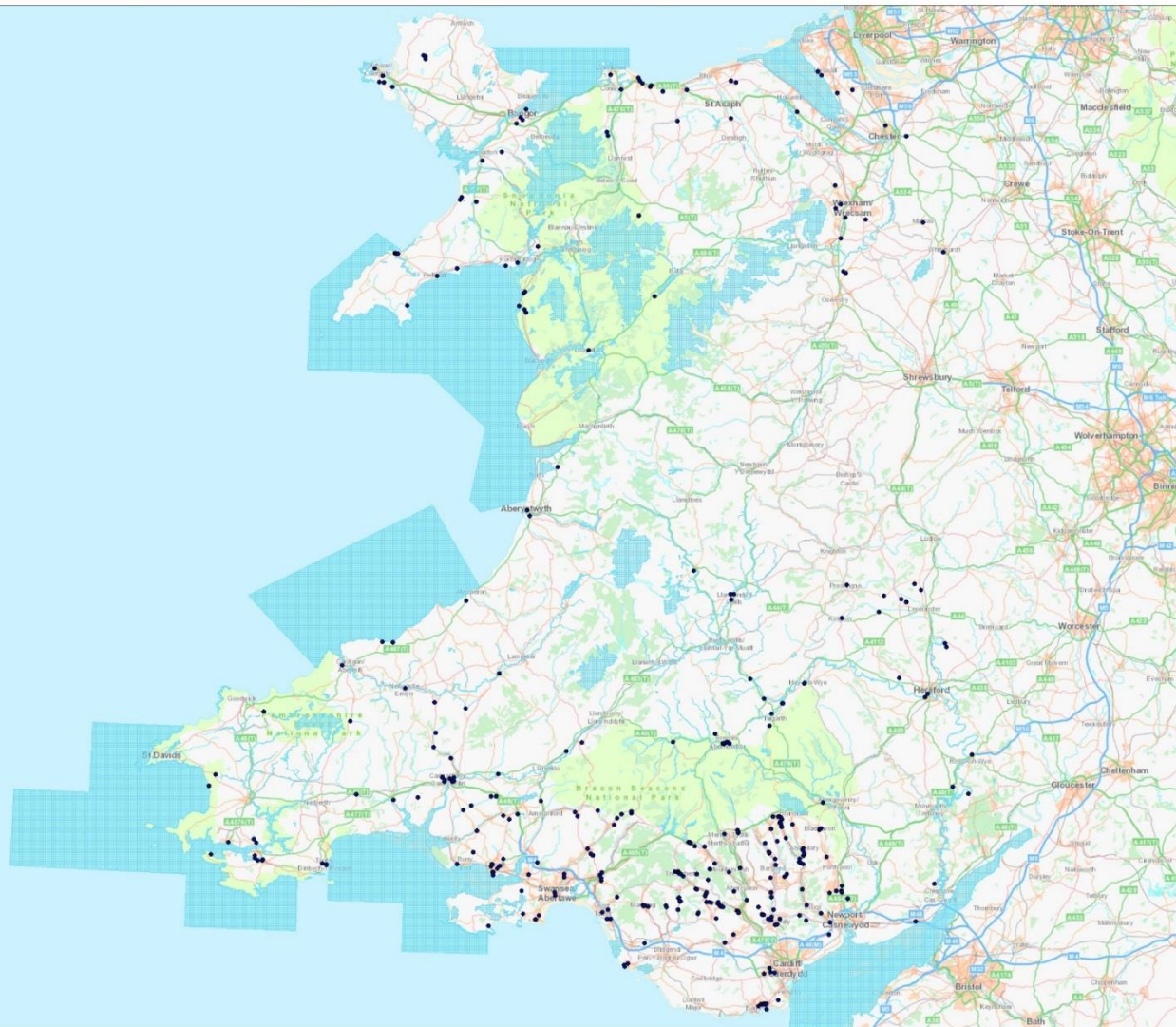
Relevant section of the HRA report	Date(s) of correspondence* and any meeting(s) with protected sites advisor(s)	Description of how the comments from protected sites advisors have been taken into account
1	18/01/2018 Kerry Rogers 09/02/2018 Roger Mathews 26/02/2018 Roger Mathews	Comments agreed with and included within HRA.
2		
3		
5		

## Appendix A – Maps showing locations of uCSO and designated sites: Ramsar's/SPA's/SAC's



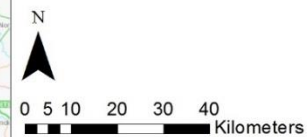






## Legend

- Unmatched CSOs
- Special Areas of Conservation



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Rhif Trewydd yr Arolwg Ordnans 100019741.



## Appendix B – List of uCSO sites

FL_Id	BNGRef	CHECK_CSOT	Functional
73239	SH2388482517	Pumping Station	Holyhead Carreglwyd Park
2770	SH2488379488	Pumping Station	TREARDDUR BAY ISALLT BACH SPS
73170	SH2569880835	Pumping Station	Ty Mawr SPS CSO, Trearddur Bay
73244	SH2591279334	Pumping Station	Trearddur Bay Lon Towyn Capel
2218	SH2793078307	Network CSO	Holyhead CSO
73383	SH2851540298	Special	Lon Terfyn 2, Morfa Nefyn CSO
73313	SH2862640272	Network CSO	Lon Terfyn 2, Morfa Nefyn
73368	SH2879340241	Network CSO	Lon Isaf 1, Morfa Nefyn CSO
73312	SH2887140237	Network CSO	Lon Isaf 4, Morfa Nefyn
73382	SH2901440234	Special	Lon Isaf 3, Pwllheli CSO Gwynedd
73311	SH2919240231	Network CSO	Lon Isaf, Pwllheli , Gwynedd
2123	SH3135428402	Pumping Station	ABERSOCH HARBOUR PS
73240	SH3498585473	Pumping Station	Llanddeusant Bronallt
73241	SH3544285229	Pumping Station	Llanddeusant Glan Alaw
73242	SH3547484643	Pumping Station	Llanddeusant Henbont
2127	SH3818935137	Network CSO	PWLLHELI GLAN-Y-DON
2941	SH4273536826	Pumping Station	CHWILOG TAL-Y-BONT SPS
2775	SH4343652538	Network CSO	PONTLLYFNI TAI LLEUAR REAR NO 20
72863	SH4378753109	Pumping Station	PONTLLYFNI SWAN SPS EO
71640	SH4711052108	Network CSO	2 PONT RECTORY LLANLLYFNI
71642	SH4854361431	Network CSO	SEIONT MILL LANE CSO, CAERNARFON
73243	SH5293163419	Pumping Station	Llanrug Pen Greuor
72909	SH5383137379	Treatment Works	Morfa Bychan STW EO
73238	SH5630669964	Pumping Station	BANGOR TESCO PS EOF
2942	SH5654338138	Pumping Station	PORTHMADOG BORTH-Y-GEST SPS
2931	SH5689528302	Pumping Station	LLANDANWG SPS
71990	SH5725671318	Network CSO	KING GEORGES FIELD

73237	SH5762370746	Pumping Station	Bangor Minffordd
71645	SH5795231100	Network CSO	HARLECH RUM HOLE
2747	SH5816727473	Pumping Station	LLANBEDR STW Emergency Overflow
2730	SH5826531491	Network CSO	HARLECH HWYLFAS NANT O/S STW
73236	SH5848573142	Pumping Station	Garth Road
71767	SH5851126695	Network CSO	LLANBEDR CSO
73245	SH6119941782	Pumping Station	Llanfrothen
72012	SH7276218093	Network CSO	Ffordd Pen Y Cefn CSO
73189	SH7699867928	Pumping Station	Dolgarrog School SPS CSO
72329	SH7712867196	Network CSO	TAN Y FFORDD SPS DOLGARROG SSO
2238	SH7779181055	Pumping Station	LLANDUDNO FAIRWAYS SPS
73246	SH8020677752	Network CSO	Llandudno Junction Trem-Yr- Afon
73329	SH8414080390	Network CSO	EVERAND ROAD CLM CSO
73247	SH8426848902	Pumping Station	Ysbyty Ifan
70564	SH8448079710	Pumping Station	RHOS-ON-SEA CAYLEY PROMENADE OPPOSITE
2654	SH8506079060	Network CSO	COLWYN BAY IVY STREET
71649	SH8677978298	Network CSO	LLAWR PENTRE (Near Beach Road)
2087	SH8699678614	Network CSO	OLD COLWYN BEACH ROAD
2930	SH8782230511	Treatment Works	LLANUWCHLLYN STW
70562	SH8969377204	Pumping Station	LLYSFAEN
2659	SH9309470473	Network CSO	LLANFAIR TALHAIARN
72516	SH9514477588	Network CSO	Berthglyd CSO Abergele
73147	SJ0524171111	Pumping Station	PEN Y MAES SPS CSO, Trefnant
3150	SJ0525679679	Treatment Works	DYSERTH STW
2675	<b>SJ0639679295</b>	Pumping Station	DYSERTH TRECASTELL PS
73226	SJ2038172591	Special	Pentre Halkyn No.2
70604	SJ2511081808	Treatment Works	HESWALL STW TARGET LANE SETTLED STORM
73326	SJ2589581010	Network CSO	Park West CSO
73354	SJ2906455769	Pumping Station	Cymau Isfryn
73166	SJ2923150568	Pumping Station	Rhos-Berse Road SPS CSO, Coedpoeth
73379	SJ2955276854	Network CSO	Neston Burton Rd CSO

2196	SJ3033143663	Network CSO	RUABON (WREXHAM) TANYLAN SE OF BRIDGE ST
72762	SJ3037251497	Network CSO	300m Nth of Higher Berse Rd Wrexham CSO
2904	SJ3096736180	Treatment Works	ST MARTINS STW
72255	SJ3139548407	Network CSO	Plas Grono Road CSO
73227	SJ3155235800	Pumping Station	St. Martins Moors Lane
2407	SJ3300077620	Pumping Station	WILLASTON HADLOW ROAD PS
2193	SJ3607448036	Treatment Works	FIVE FORDS (WREXHAM) F WORKS
73230	SJ4053169420	Pumping Station	Upton Lane
2332	SJ4530067007	Pumping Station	CHRISTLETON TARVIN ROAD PS
73380	SJ4913047315	Network CSO	Rear 2 Well St Malpas CSO
73232	SJ5378340536	Pumping Station	Whitchurch (Shropshire) Highfield Avenue
72830	SM8599918633	Network CSO	Nolton Haven CSO
51701	SM8653502960	Pumping Station	ANGLE VILLAGE PS
73120	SM8758121234	Pumping Station	Maes Ffynnon SPS CSO
73127	SM9042805779	Pumping Station	Nelson Quay SPS CSO
73117	SM9621106436	Pumping Station	Honeyborough SPS CSO
52140	SM9642002090	Pumping Station	PEMBROKE DOCK PENNAR PS
52139	SM9649402639	Network CSO	Pembroke Dock Sycamore Street
73118	SM9679605676	Pumping Station	Gaddarn Reach SPS CSO
73182	SM9717601551	Pumping Station	MONKTON SPS CSO
52582	SM9826001618	Network CSO	PEMBROKE CASTLE MH 2602
52137	SM9827601828	Pumping Station	PEMBROKE ROCKY PARK
70781	SM9855835530	Treatment Works	LLANYCHAER STW
51710	SN1187100837	Pumping Station	TENBY OAKRIDGE ACRES PS
52908	SN1284500615	Network CSO	Tenby - Park Road Toilets
51780	SN1288000500	Network CSO	Tenby - Craigs Dairy
71503	SN1640546179	Network CSO	ST DOGMAELS, REAR OF PH, MAESHYFRYD
73123	SN1827133418	Pumping Station	Maes Y Frenni SPS CSO, Crymych
73046	SN1966916606	Pumping Station	Whitland 1
73360	SN2565951513	Pumping Station	ABERPORTH PS NO.2
51980	SN2801151413	Pumping Station	TRESAITH UPPER

73045	SN2818215365	Pumping Station	St Clears
73377	SN3086540884	Network CSO	1 Teifi Terrace, Ceredigion CSO
52816	SN3380016000	Treatment Works	LLANGYNOG (ST CLEAR'S) STW
73055	SN3729927487	Network CSO	Cynwyl Village Bridge
71387	SN3759537722	Network CSO	Saron - A484 O.S.Maesgeler
73358	SN3779330757	Pumping Station	CWMDUAD WwTW
70927	SN3932020550	Network CSO	Carmarthen Pentremeurig Rd
72429	SN3936620545	Network CSO	PENTREMEURIG ROAD CSO CARMARTHEN
73327	SN3975919541	Network CSO	HEOL SALEM CSO JOHNSTOWN
70929	SN3987219855	Network CSO	Carmarthen - Jobswell Road
72023	SN4106820199	Network CSO	Carmarthen - Market
73361	SN4125324892	Pumping Station	Cwmdwyfran SPS
73098	SN4153419974	Network CSO	Old Station Road CSO
70923	SN4161419515	Network CSO	Carmarthen - Sticle Path
73066	SN4199220466	Pumping Station	Park Hinds Old Priory Road
70930	SN4199419720	Network CSO	Carmarthen - Carm. Decorators
73336	SN4263600727	Pumping Station	Pembrey Links SPS O/F
52550	SN4413113026	Pumping Station	PONTANTWYN (SE OF CARMARTHEN) PS EOF
72015	SN4462236310	Network CSO	Pencader Bridge
72484	SN4483160856	Network CSO	Ffos-y-ffin CSO
52184	SN4596514085	Pumping Station	LLANGYNDEYRN PS INTO R GWENDRAETH FACH
71385	SN4639103415	Network CSO	Trimsaran - Heol Ddu SPS
52261	SN4717908301	Network CSO	Pontyates - Near old canal
71342	SN5041900200	Network CSO	Llanelli O/s 21 Old Castle Rd
71375	SN5051200210	Network CSO	Llanelli - Head Post Office
73249	SN5051516249	Pumping Station	LLANDDAROG
72901	SN5068900726	Network CSO	Old Road/Goring Road Junction, Llanelli
71343	SN5072700586	Network CSO	Llanelli - O/s Thomas Brothers
52185	SN5163616217	Pumping Station	PORTHYRHYD PS INTO TRIBUTARY OF GWENDRAE
52813	SN5204021346	Pumping Station	LLANEGWAD
71347	SN5237744263	Network CSO	Llanybydder - Oriel Jones

72712	SN5242000247	Network CSO	East of Kingfisher Court CSO
71021	SN5320011750	Pumping Station	TUMBLE PS EOF
73129	SN5330301896	Pumping Station	Heol Cropin SPS CSO, Dafen
73151	SN5468510952	Pumping Station	Waungoch SPS CSO, Gors Rd. Upper Tumble
73130	SN5649712155	Pumping Station	Cross Hands Food Park No.1 SPS
71318	SN5870481554	Network CSO	Aberystwyth - Stanley Road
72967	SN5923780317	Network CSO	18 Min Y Ddol CSO
71405	SN6102501099	Storage Tank	O/S 43 SWANSEA ROAD PONTLLIW
71373	SN6189715204	Network CSO	Llandybie - Off Rawlings Road
2707	SN6564991461	Pumping Station	TALIESYN PS
73180	SN6762226469	Pumping Station	MANORDEILO SPS CSO
52329	SN6962912555	Network CSO	GCG - D/s of Graig Road CSO
73373	SN7020711680	Network CSO	NR LOWER COLBREN RD AMMANFORD CSO
71257	SN7127828455	Network CSO	BRAN MILL LLANGADOG
52320	SN7257104226	Network CSO	PONTARDAWE ARTHUR TERRACE SOC 21
71458	SN7321503039	Network CSO	NEAR DELFFORDD PONTARDAWE
71411	SN7371202688	Network CSO	OPPOSITE 32 PRIMROSE LANE PONTARDAWE
71398	SN7482612903	Network CSO	RAILWAY TERRACE, CWYMLLYNFELL
71454	SN7860609656	Network CSO	O/S 17 GLANTAWA ROW YSTRADGYNLAIS
72661	SN7923611242	Network CSO	SWN YR AFON CSO, Ystradgynlais
71407	SN8034212106	Network CSO	REAR OF CANAL COTTAGE ABERCRAVE
72575	SN8246512355	Network CSO	STATION RD GWYNFRYNLEN CSO
71406	SN8255612735	Network CSO	REAR OF LONLAS STATION ROAD ABERCRAVE
72017	SN9204728618	Network CSO	Brodawel - Sennybridge
32481	SN9551305732	Network CSO	HIRWAUN BUTE PLACE REAR OF
32480	SN9582305707	Network CSO	Station Road, Hirwaun CSO
32477	SN9605205553	Network CSO	HIRWAUN BETHAL PLACE RIVERBANK REAR OF
71354	SN9680967705	Network CSO	Rhayader fields St. Brides Church
32472	SN9699004770	Pumping Station	HIRWAUN PENYWAUN CYMRIC CLOSE R/O NO 10
33506	SN9918204717	Network CSO	LLWYDCOED SIDE OF LLWYDCOED MOTORS
32491	SO0159200909	Network CSO	ABERAMAN CYNON STREET REAR OF

70334	SO0163230458	Pumping Station	CRADOC SPS EOF
71324	SO0346128322	Network CSO	Brecon - 21/22 Newgate Street
71323	SO0349328313	Network CSO	Brecon - 14/15 Newgate Street
71362	SO0352428304	Network CSO	Brecon - o/s 8 Newgate Street
71363	SO0359628166	Network CSO	Brecon rear of 17 Ffynnon Dewi
71360	SO0361728172	Network CSO	Brecon Front 17 Ffynnon Dewi
33512	SO0371607619	Network CSO	CEFN COED HIGH STREET OLD BRIDGE
71364	SO0377028347	Network CSO	Brecon - St Davids Church
71361	SO0392628394	Network CSO	Brecon - 36 Orchard Street
71322	SO0427728537	Network CSO	Brecon - Dinas Road Car Park.
71365	SO0436328616	Network CSO	Brecon - Usk Bridge
71325	SO0473528552	Network CSO	Brecon - o/s Safeway
71237	SO0493928221	Network CSO	BORDERERS WAY, BRECON CSO 2
71236	SO0495828252	Network CSO	Brecon - Borderers Way
70322	SO0515262377	Treatment Works	LLANYRE STW SETTLED STORM
72018	SO0538161151	Network CSO	Llandrindod Wells - Cae-Rhaf
31962	SO0598762439	Pumping Station	LLANDRINDOD WELLS DDOLE ROAD PS
73319	SO0676208390	Network CSO	BARRACKS ROW DOWLAIS MERTHYR TYDFIL
33513	SO0690107803	Network CSO	DOWLAIS MARKET STREET & HIGH STREET JNCT
33383	SO0693608139	Network CSO	PENYWERN MURIEL TERRACE
33625	SO0972043070	Pumping Station	ERWOOD A470 CLETWR BROOK EOF
73353	SO1286338498	Pumping Station	Llyswen Wyelands
33520	SO1306505467	Network CSO	RHYMNEY ABERTYSSWG WESTVILL S ALFRED ST
70351	SO1385803565	Network CSO	NEW TREDEGAR BIRCH GROVE
71691	SO1393703282	Network CSO	OPP 60 SCHOOL STREET TIRPHIL
71675	SO1400203231	Network CSO	STATION ROAD TIRPHIL
71384	SO1412232282	Network CSO	Trefecca old Railway Maesgwyn
32248	SO1414603250	Network CSO	NEW TREDEGAR GLAN-YR-AFON D/S OLD TECH S
71573	SO1450008783	Network CSO	TREDEGAR NORTH END OF EDWARD TERRACE
71366	SO1459335106	Network CSO	Bronllys Rear of garage A479
71239	SO1494211565	Network CSO	GRAIG HOUSE, RASSAU ROAD

32237	SO1534201853	Network CSO	BRITHDIR NEAR STATION
72640	SO1554500499	Network CSO	47 SANNAN ST. ABERBARGOED CSO
70353	SO1583405937	Network CSO	TREDEGAR
33368	SO1605411536	Network CSO	EBBW VALE RASSAU ROAD UNDER FLYOVER
72902	SO1641411546	Network CSO	Lamb's Square/Lower Square, Beaufort
33364	SO1641610271	Network CSO	EBBW VALE HUGHES AVENUE WINDSOR HOUSE
33363	SO1642110171	Network CSO	EBBW VALE HUGHES AVENUE NO 3
32035	SO1642211550	Network CSO	EBBW VALE BEAUFORT LAMBS SQUARE
32032	SO1666711257	Network CSO	Allotment Road CSO Glyncoed
33369	SO1669109904	Network CSO	EBBW VALE HARCOURT STREET NO 4 REAR OF
71953	SO1672509244	Network CSO	Eureka Place Ebbw Vale
33367	SO1688611013	Network CSO	EBBW VALE BEAUFORT TERRACE BADMINTON CLU
33375	SO1690209205	Network CSO	EBBW VALE HOLLAND STREET SCHOOL HOUSES
73342	SO1703737467	Pumping Station	Brookfields
31954	SO1710837384	Network CSO	Three Cocks - Gwernyfred Park
73375	SO1783306675	Network CSO	Excelsior Street (rear lane) Ebbw Vale
33935	SO1933309829	Network CSO	Farm Road CSO, Nantyglo
32019	SO2087901207	Network CSO	GLANDWR LLANERCH TCE PANT-DDU CHRISTCHUR
33352	SO2094901937	Network CSO	THE SQUARE STREET, ABERTILLERY
33337	SO2123101003	Network CSO	COMMERCIAL ROAD, ABERTILLERY
33533	SO2168503935	Network CSO	CASTLE STREET, ABERTILLERY
72141	SO2169804135	Network CSO	Commercial Street CSO, Abertillery
73323	SO2173200790	Network CSO	Brooklyn Terrace CSO Abertillery
33353	SO2175602561	Network CSO	ABERTILLERY VICTORIA ROAD SIX BELLS
32109	SO2176204356	Network CSO	ABERTILLERY FOUNDARY BRIDGE NR CAR PARK
33356	SO2178403824	Network CSO	ABERTILLERY CASTLE STREET NO 32
72478	SO2198902816	Network CSO	Abertillery Six Bells Colliery No. 2 CSO
73347	SO2203441963	Pumping Station	Hay-on-Wye (Gipsey Castle/Meadows)
33934	SO2204303050	Network CSO	ABERTILLERY SIX BELLS ROAD
73348	SO2212042111	Pumping Station	Hay-on-Wye (Warren Close)
33327	SO2543008492	Network CSO	BLAENAVON BAND HUT MH 57A SWO 2



72536	SO2556608813	Network CSO	Charles Street CSO, Blaenavon
73254	SO2578208819	Network CSO	Blaenavon RFC
31974	SO2625514756	Treatment Works	ABERBAIDEN STW STORM
32140	SO2714002333	Network CSO	PONTYPOOL FREEHOLDLAND ROAD
33607	SO3064057000	Treatment Works	KINGTON STW SUNSET YARD
31927	SO3171164551	Pumping Station	Presteigne - o/s SPS Tanyard
72579	SO3905358334	Network CSO	Pembridge CSO
33572	SO4019462040	Pumping Station	SHOBDON HANDBURY GREEN PS
73349	SO4373943249	Pumping Station	Kenchester
73350	SO4422961270	Pumping Station	Kingsland Arbour Lane
33606	SO4537060560	Treatment Works	KINGSLAND STW WATERLOO CROSSING
73026	SO4715364720	Pumping Station	Yarpole PS CSO
33630	SO4865563374	Pumping Station	LUSTON VILLAGE SPS BY TELEPHONE EXCHANGE
73339	SO4958138842	Pumping Station	Belmont Abbotsmead
31903	SO5016939619	Network CSO	HEREFORD BROOMY HILL/BELVEDERE LANE
73341	SO5419851108	Pumping Station	Bodenham Village Millcroft
73340	SO5447550325	Pumping Station	Bodenham Moors
73346	SO5585118396	Pumping Station	Goodrich Main
33632	SO5954616815	Pumping Station	LYDBROOK STOWFIELD SPS LWR EOF
31925	SO6030925701	Pumping Station	BRAMPTON ABBOTTS NETHERTON PS
72835	SS4987786577	Network CSO	The Nook CSO Oxwich
70863	SS5081898840	Pumping Station	NORTHUMBERLAND UV STORM DISCHARGE
70862	SS5086498834	Pumping Station	LLANELLI NORTHUMBERLAND PS STORM EOF
52272	SS5088298836	Pumping Station	LLANELLI NORTHUMBERLAND TO LOUGHOR ESTUA
52274	SS5090898774	Network CSO	Northhumberland CSO from Morfa
52277	SS5093998147	Pumping Station	LLANELLI MACHYNYS PS INTO LOUGHOR ESTUAR
71344	SS5185499729	Network CSO	Llanelli - Rear of 49 Gorsedd
52446	SS5743794586	Pumping Station	THREE CROSSES GOWERTON ROAD PS INTO DITC
52459	SS5773089380	Pumping Station	BISHOPSTON G CHURCH LANE PS
72760	SS5911798253	Network CSO	Libanus Road CSO Gorseinon
71078	SS6059888102	Network CSO	SWANSEA NEWTON ROAD/NEW WELL LANE



51947	SS6059988103	Network CSO	NEWTON LADY HOUSTY EOF
71077	SS6070388078	Network CSO	SWANSEA NEWTON ROAD NEAR UNDERHILL PARK
52469	SS6071588083	Network CSO	Newton Road CSO
70934	SS6142089050	Network CSO	SWANSEA MUMBLES RD PALMYRAC COURT PT 12
73328	SS6498094197	Network CSO	GLANOWEN ROAD CSO
73369	SS6509693555	Network CSO	Terrace Road Stanley Place, Swansea
71028	SS6716998446	Network CSO	SWANSEA SWAY ROAD O/S FIRE STATION
71459	SS6722997679	Network CSO	JNC WYCHTREE ST/TAWE STREET MORRISTON
71774	SS7527798198	Storage Tank	CSO LIDLS LOADING BAY CADAXTON
70203	SS7567296887	Network CSO	Westernmoor Road CSO
71417	SS7568697508	Network CSO	ADJ HEALTH CENTRE DYFED ROAD NEATH
71974	SS7572698720	Network CSO	25 Church Road CSO Neath Cadoxton
70741	SS7593189717	Network CSO	ABERAVON MOORS CULVERT 30M U/S
52549	SS7695188259	Pumping Station	ABBAY PS EOF
72083	SS7713890268	Network CSO	Ynys Street CSO Port Talbot
70175	SS7778488211	Network CSO	Prince Street CSO
71425	SS7781088179	Network CSO	ADJ 12 MAES MELYN STREET PORT TALBOT
72330	SS7929493251	Network CSO	Pwll y Glaw CSO, Front of No 2
70708	SS8084577645	Network CSO	PORTHCAWL SANDERLING CLOSE NO 7
70703	SS8100777326	Network CSO	PORTHCAWL HUTCHWNS CLOSE/CROSSFIELD AVE
52376	SS8175677939	Network CSO	NOTTAGE ROUNDABOUT POINT 59 INTO WILDERN
52419	SS8518091304	Network CSO	27 Talbot Street CSO, Maesteg
72654	SS8533991129	Network CSO	Church Street, Maesteg
72331	SS8548982595	Network CSO	Ty-Isaf Road CSO
72652	SS8570091261	Network CSO	Castle Street CSO
72653	SS8629991020	Network CSO	Heol Y Llwyni CSO
71443	SS9044691248	Network CSO	Adj 77 Oxford St, Pontycwmmmer
70689	SS9056190920	Network CSO	BLAENGARW OXFORD STREET NO 168
72624	SS9245999047	Network CSO	BLAEN-Y-CWM RD BLAENAU
70711	SS9318590308	Network CSO	Ogmore Vale End of Railway Terrace
71689	SS9320398902	Network CSO	WYNDHAM STREET

73068	SS9320999016	Network CSO	BLAEN-Y-CWM Terrace CSO
71628	SS9331998720	Network CSO	93 GWENDOLINE STREET, TREHERBERT
71437	SS9336193000	Network CSO	Adj 1 Commercial Street Nantymoel
71742	SS9337593043	Network CSO	Junction near 12 Station Road, Nantymoel
71627	SS9341098609	Network CSO	43 GWENDOLINE STREET, TREHERBERT
71676	SS9351698527	Network CSO	DUNRAVEN STREET TYLACELYN A
73378	SS9360692107	Network CSO	Park Street Prince Town CSO, Bridgend
71438	SS9370192280	Network CSO	o/s Berwyn centre Nant-y-Moel
71677	SS9378798438	Network CSO	DUNRAVEN STREET TYLACELYN B
73060	SS9380392286	Network CSO	Oakfield Terrace Nantymoel
32354	SS9432097934	Network CSO	TREHERBERT GEORGE STREET
72598	SS9721895088	Network CSO	2 Clarence Street CSO Pentre
71670	SS9743898452	Network CSO	INSTITUTE STREET MAERDY
72607	SS9748694972	Network CSO	REES STREET 71 CSO PENTRE
71435	SS9769489326	Network CSO	NR GLANNANT HEOL HEULOG GILFACH GOCH
71436	SS9784389543	Network CSO	REAR OF DAN-Y-BRYN GILFACH GOCH
73333	SS9930693461	Network CSO	No1 grange terrace, tonypandy
32329	SS9962094000	Pumping Station	LLWYNPIA SHERWOOD STREET REAR OF PS
73253	SS9968294290	Network CSO	136 TYNTYLA ROAD CSO, TONYPANDY
32384	SS9972292071	Network CSO	PENYGRAIG TYLACELYN RD/DUNRAVEN ST JNCT
71777	ST0005597153	Network CSO	FERNDAL BANANA TIP NO.4
70385	ST0005597166	Network CSO	FERNDAL BANANA TIP SURFACE
72634	ST0030792049	Network CSO	Old Brithweunydd Road CSO Tonypandy
32500	ST0045499571	Network CSO	ABERAMAN FFORCHAMAN STREET CAPEL SOAR
73041	ST0051599603	Network CSO	ALEXANDRA TERRACE CWMAMAN
72632	ST0069891915	Network CSO	Dinas Station CSO Trealaw
73174	ST0189188303	Pumping Station	TONYREFAIL CAPEL FARM SPS CSO
71687	ST0227191647	Network CSO	CEMETERY ROAD 2 PORTH
72040	ST0241891657	Network CSO	ABERRHONDDA ROAD CSO, PORTH
73372	ST0242091997	Network CSO	BEHIND DEPOT OFF A4058 PORTH
72636	ST0261791400	Network CSO	NR 1 JOHN ST PORTH

72633	ST0291091029	Network CSO	Morgans Terrace CSO Porth
72635	ST0307491163	Network CSO	35 Leslie Terrace, Porth CSO
73032	ST0311891061	Pumping Station	EIRW ROAD, PORTH
73371	ST0340490933	Network CSO	Coedcae Road Clifton Row Porth CSO
32571	ST0384682714	Network CSO	TALBOT GREEN HEOL MILES REAR OF NO 24
32418	ST0481798865	Network CSO	MOUNTAIN ASH DARREN ROAD NEAR PAVILION
32583	ST0587584599	Pumping Station	BEDDAU HEOL-Y-COED PS
73317	ST0601094455	Network CSO	YNYSYBWL O/S 2 CLYDACH TERRACE
33138	ST0661290024	Network CSO	MAESYCOED ROAD, PONTYPRIDD
32310	ST0690889903	Network CSO	PONTYPRIDD SARDIS ROAD
73318	ST0697089556	Network CSO	O/S TEMPLE BAPTIST CHURCH LLANTRISANT RD
33386	ST0741399803	Network CSO	MERTHYR VALE NIXONVILLE GORDON LENNOX CL
73366	ST0887592551	Network CSO	JONES STREET CLM CSO
32602	ST1153468263	Network CSO	BARRY GLADSTONE ROAD LANE REAR OF NO 134
72601	ST1154590837	Network CSO	64 Commercial Street Senghenydd CSO
32603	ST1155968283	Network CSO	BARRY GLADSTONE ROAD LANE REAR OF NO 144
32604	ST1212968651	Network CSO	BARRY GLADSTONE ROAD
70409	ST1239289284	Network CSO	ABERTRIDWR THOMAS STREET
33516	ST1248668703	Network CSO	GLADSTONE ROAD NO 448 BARRY
33529	ST1251289088	Network CSO	ABERTRIDWR COED CAE ROAD 1
32608	ST1262568744	Network CSO	BARRY GLADSTONE ROAD
70408	ST1265589117	Network CSO	Graig-Y-Fedw CSO
71662	ST1278975721	Network CSO	O/S 4 PARKER ROAD ELY CARDIFF
32606	ST1283068771	Network CSO	BARRY GLADSTONE ROAD
32591	ST1303668757	Network CSO	Barry, Holmes Street, O/S 35
32593	ST1307468835	Network CSO	BARRY VERE STREET
33389	ST1315968639	Network CSO	BARRY CARDIFF ROAD
70095	ST1337767490	Pumping Station	BARRY EAST BENDRICKS PS
33388	ST1341368799	Network CSO	MORLAIS STREET BARRY
72602	ST1371188170	Network CSO	Woodland, B4263/Bryn Siriol, Caerphilly
70093	ST1405476892	Network CSO	CARDIFF ELY MILL ROAD/MUSTON ROAD

71663	ST1433276047	Network CSO	PENALLY ROAD ELY CARDIFF
73322	ST1434297587	Network CSO	Haulwen Road, Near Playground
71695	ST1444494221	Network CSO	O/S R/O 33 CHURCH STREET YSTRAD MYNACH
73220	ST1448787926	Pumping Station	Y FELIN FFRWD CAERPHILLY
73163	ST1457788692	Network CSO	Cae Marchog CSO, Caerphilly
73290	ST1458293241	Pumping Station	Forge Mill SPS CSO, Ystrad Mynach
70113	ST1505590337	Network CSO	The Avenue Llanbradach Recreation Ground
32546	ST1523575904	Pumping Station	CARDIFF ELY TRELAU PARK STORM SPS
33528	ST1541486842	Network CSO	CAERPHILLY PARK LANE
33527	ST1579486890	Network CSO	CAERPHILLY EAST VIEW
70462	ST1608969660	Pumping Station	COG MOORS (DINAS POWYS) PS
72603	ST1643688184	Network CSO	263 Bedwas Road Porset Caerphilly
71661	ST1750697868	Network CSO	High Street Cwmgelli CSO
32053	ST1775897998	Network CSO	BLACKWOOD CWMGELLI
32051	ST1804898424	Network CSO	BLACKWOOD OAKDALE RHIW HILL BOTTOM OF RE
32198	ST2097889074	Network CSO	MACHEN THE CRESCENT
73044	ST2100789034	Pumping Station	Machen Forge Bridge
71656	ST2158394893	Network CSO	High st, Abercan, o/s Chemist
33408	ST2245787814	Network CSO	Draethen Road, by Double gate, Lower Mac
33318	ST2257191387	Network CSO	CROSSKEYS BLACK VEIN 2
33404	ST2580589479	Network CSO	NEWPORT ROGERSTONE ON POWER STATION LAND
73115	ST2763584623	Pumping Station	Blacksmiths Way SPS CSO
71665	ST2779394162	Network CSO	REDE ROAD CSO REDE ROAD CWMBRAN
73187	ST2792487438	Pumping Station	MYRTLE DRIVE SPS CSO, ROGERSTONE
73069	ST2930394552	Network CSO	Belle Vue Road Old Cwmbran
72989	ST3045894543	Network CSO	2 Llangorse Road CSO Llanyravon
72988	ST3047294508	Network CSO	3 Olway close CSO Llanyravon
73335	ST3047994494	Network CSO	7 Olway Close CSO, Llanyravon
72586	ST3063194266	Network CSO	103 Beaumaris Drive Cwmbran CSO
72416	ST3063495808	Network CSO	Rear of 15 Llwyn Onn CSO Croesyceiliog
32116	ST3203692859	Treatment Works	PONTHIR INLET WORKS STORM TANKS ETC

33542	ST4741487660	Pumping Station	CALDICOT WEST PS
33539	ST5175096208	Pumping Station	ST ARVANS STW

## Appendix C – The Plan: Unpermitted Intermittent Programme



### Internal Only Work Instruction – July 2017

#### DCWW Unpermitted Intermittent Programme

This work instruction is being delivered by the Water Policy & Directives Implementation team for NRM teams and WQ Permitting to clarify the roles in the assessment of the surveys and determination of any permit applications under the Unpermitted Intermittent Programme of work. Surrendering a water discharge permit is only a notification process, although it would be helpful to provide feedback where your knowledge indicates that a permit is still required.

#### Scope of Programme

The review programme is being coordinated by the Water Policy & Directives Implementation team (Water Policy) while the Permitting Service (PS) will determine permit applications in line with our policies on permitting intermittent discharges.

DCWW have been surveying their sewerage system assets and found differences between existing discharges and the permits they hold. The Unpermitted Intermittent Programme aims to regulate existing assets where no permit exists and surrender permits where there is no longer a discharge to the environment. DCWW are targeting a minimum of 60 surveys per quarter.

The aim of this programme is to ensure DCWW's assets are permitted under current EPR legislative requirements. NRW has accepted that DCWW may not have all the information they would ordinarily have to hand when applying for a new asset under this programme. Where information/data gaps appear and the asset (to the best of our joint knowledge) is performing 'satisfactory' then data gathering improvement conditions will be applied during the permitting process to aid DCWWs and NRW's understanding of how the asset is operating for review in 2023 or prior.

DCWW anticipate that between 10-20 permit applications will be submitted per quarter. This means the programme should be complete within 1-2 years (end of 2018). Although this may change due to the complexity of sites e.g. those which have access difficulties etc.

DCWW will also be submitting 50 surrenders per quarter of permits they have not been able to match to discharges.

#### Process and Action pointers for NRM teams

Once per quarter DCWW will submit a spreadsheet to Water Policy containing all the information they have available for sites that they **intend to apply** for a new storm discharge permit. They will also send the list for information on the revocations to be applied for.

The spreadsheet is being distributed as the mechanism for 'up front consultation' with NRM teams who should provide feedback within 1 month (covering all aspects for NRM) using the spreadsheet via the Water Policy contact. The acceptability of the discharge to have a permit must be based on our guidance in [7.01](#) page 64 on permitting pre-existing unpermitted storm discharges "as is" where they are **not** 'unsatisfactory' (based on environmental impact).

NRM teams should include their biodiversity/conservation officers in decision making where a protected habitat such as a SAC, SPA, Ramsar and SSSI is within 10km direct line from the discharge site.

For sites where NRM have concluded that the application can move forward through this programme (via indication on the spreadsheet to Water Policy), Water Policy will inform DCWW to continue with their application to the PS for these sites. DCWW will apply for permits based only on the information previously supplied to NRM teams. Therefore, when this is agreed through the above process the PS will not re-consult NRM teams to avoid duplication of effort.

For sites that NRM can provide evidence to demonstrate the asset is 'unsatisfactory' and therefore **not currently suitable** to take forward to the PS for application, due to the need for visits, improvements or additional data requirements, please mark on the spreadsheet that these sites remain '**unsatisfactory**' and inform Water Policy the need to remove this site from the batch list at this time. NRM must then liaise directly with DCWW to resolve the issues and a timescale should be agreed with DCWW before the application is submitted for a permit application back through this programme of work.

**N.B.** All previously 'unsatisfactory' sites will be required to be resubmitted later on in the programme following NRM and DCWW liaison.

Storm permits will only be consolidated into existing permits when specifically requested by NRM teams. If two discharges are to be consolidated into an EPR style permit NRM teams need to agree this with DCWW, and the operator needs to apply for a variation of the existing permit.

If varying a permit the PS will only bring the conditions for the existing permit in line with current guidelines on permit conditions. Any system improvements and tighter conditions must be agreed between NRM teams and DCWW before they submit an application.

Water Policy will note where NRM have identified unsatisfactory discharges for each batch and will inform DCWW they should not be sent for permitting at this current time.

On receipt of the applications sent forward the PS will process the application based on the information available incorporating the usual permit conditions. If information is not available such as storm volume, screen size, weir setting, this will be requested via an improvement condition. The PS will process these applications in line with current permitting procedures and SLAs.

During determination if the discharge is identified as one of several discharges to a designated site it should be covered by the Plan HRA. Applications that are not part of multiple discharges to a designated site will not be covered by the Plan HRA and will be assessed via individual Project HRA methodology.

For applications covered under the Plan HRA DCWW will be required to provide the status of asset impact report by 31<sup>st</sup> March 2023 or prior, this will be requested via an improvement condition. Upon review a new project level HRA will be completed with one of the following outcomes:

- No adverse effects identified and permit left unchanged.
- The discharge could have the potential to undermine the conservation objectives in the long term 'in combination' with the other CSOs but improvement requirements detailed within the solutions report, imposed through variation of the permit can effectively remove any risk from the discharge or;
- The discharge could potentially undermine the conservation objectives in the long term 'in combination' with the other CSOs but improvement is not an option so the permit will be revoked.



## Appendix D - Extract from EPR 7.01: How to classify satisfactory storm discharges, page 65

How to classify and deal with satisfactory, unsatisfactory, and sub-standard overflows. Situation	Permitted by Natural Resources Wales	Unpermitted
<b>Satisfactory</b> Meets guidelines (not unsatisfactory in terms of environmental criteria) <b>And</b> modern standards of engineering for storm overflow structures and aesthetic control, and/or sufficient capacity in system	Correct situation Ongoing Inspection and routine maintenance by water company where required to prevent them becoming unsatisfactory	Needs to be permitted. Water Company apply for permit. Permit as is. Ongoing Inspection and routine maintenance by water company where required to prevent them becoming unsatisfactory