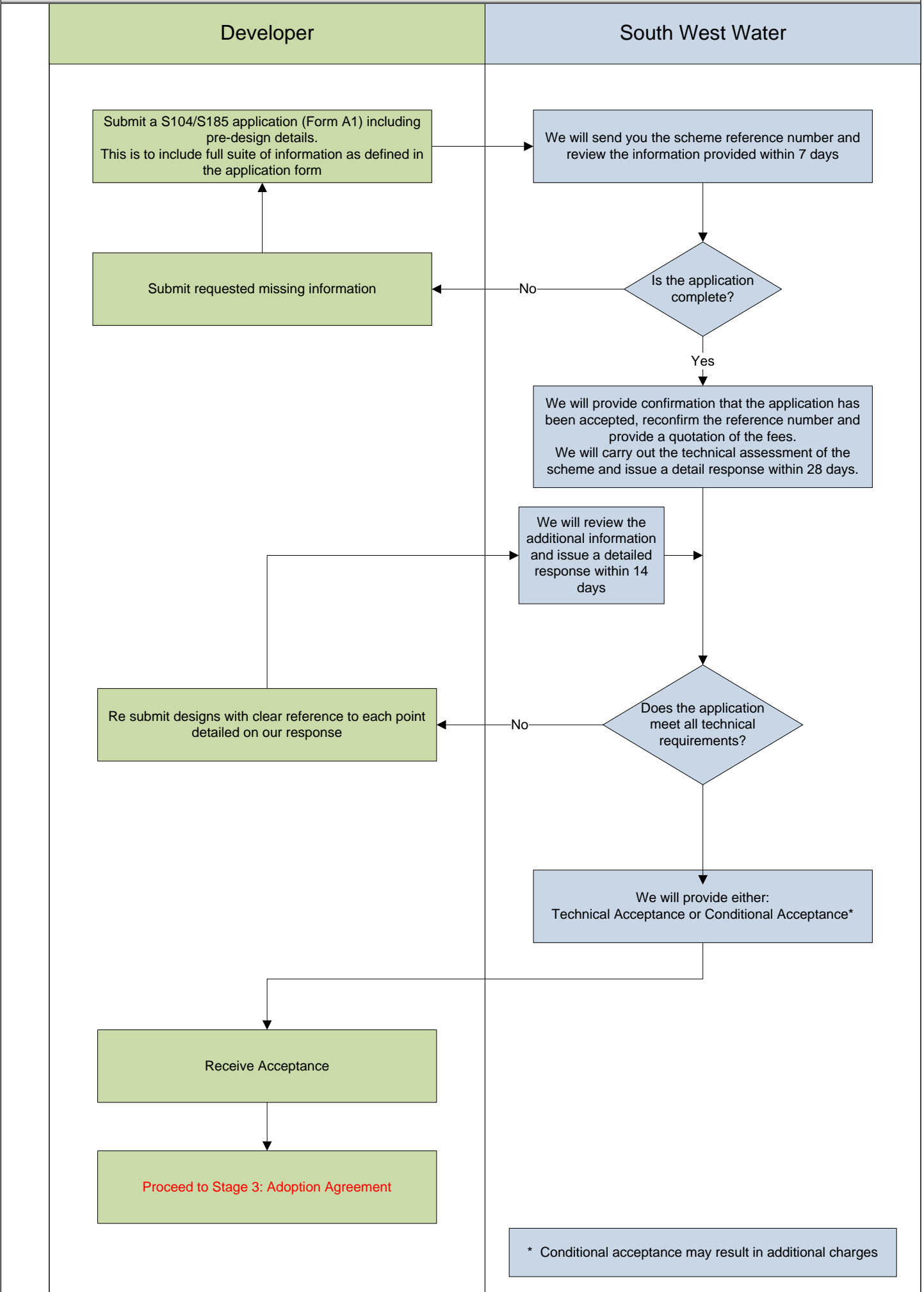


# Adoption of sewers – Stage 2: Design of new sewerage system



## How to arrange for your sewers, pump stations and other components to be adopted by South West Water

### Stage 2: Design of a new sewerage system

You will need to complete the Initial Sewer Adoption Application form – Form A1 and submit to SWW with all required supporting information and documentation.

Information provided by you (developer/applicant)	Additional comments
<p><b>S104 Application</b></p> <p>Before the application is submitted a Pre-design strategic assessment can be requested. – see Stage 1b. Any details discussed/detailed at the stages 1a &amp; 1b should be accommodated within the design and as many items as listed in Form A1 – S104 Initial Application.</p> <p>As a minimum the S104 application should be in accordance with the DCG, LP and or TS for the design and specification of a system and should contain:</p> <ul style="list-style-type: none"> <li>• Fully Completed S104/S185 Application form (Form A1)</li> <li>• Programme for start date</li> <li>• Planning and design details</li> <li>• Ownership details (incl. third party owners)</li> <li>• Site location plan</li> <li>• Site/Engineering layout plan</li> <li>• Longitudinal Sections</li> <li>• Access schedule(s)</li> <li>• Pumping station details</li> <li>• Special Asset or Component drawings</li> <li>• Any manufacturers details relevant to the application</li> <li>• Landscaping details</li> <li>• Receipt of charges in accordance with charges document</li> </ul> <p>Within each document/detail supplied above, it should contain the information listed in Form A1 - S104 Initial Application.</p> <p>If a diversion is needed to be incorporated within the S104 Agreement, the full set of details as listed above will also be needed to reflect the same set of relevant data.</p>	<p>Information received at this stage should be specific for the scheme.</p> <p>Coloured plans to be submitted for agreement.</p> <p>Refer to company specific technical standards (TS) available on their website</p>
<p><b>SuDS Asset Data Requirements</b></p> <p>As part of the adoption process, sufficient information is required to ensure the adequacy of drainage design to ensure compliance with the Design &amp; Construction Guidance and to facilitate updates to the public sewer records, ensure existing hydraulic sewer models can be updated to include post</p>	<p>Information received at this stage should be specific for the scheme.</p>

<p>development drainage design flows and that future maintenance requirements are incorporated into our asset management systems. To support these activities, asset data will be required under the following topic areas:</p> <ul style="list-style-type: none"> <li>• Details of SuDS types and their design characteristics (type, size, materials, geotechnical/hydrogeology characteristics &amp; construction details)</li> <li>• Ownership details (comprising details of landownership, body responsible for amenity maintenance needs and who will responsible for flood risk management aspects)</li> <li>• Asset locations, connectivity, long sections and SuDS boundary extents (preferably in CAD/GIS formats)</li> <li>• Hydraulic design parameters and assumptions, together with a suitable hydraulic model</li> <li>• Water quality design criteria and assumptions (where appropriate)</li> <li>• Amenity/environmental criteria and assumptions (where SuDS deliver multi-functional benefits)</li> <li>• Operational and management plan</li> </ul>	<p>Coloured plans to be submitted for agreement.</p> <p>Refer to company specific technical standards (TS) available on their website</p>
<p><b>Information provided by us (South West Water)</b></p>	
<p>S104 Application check acceptance</p> <ol style="list-style-type: none"> <li>1. Will be a check to see that the minimum submission requirements have been provided see Form A1 S104 Initial assessment (if a diversion is also included – the same assessment details should be offered)</li> <li>2. Make contact with the developer to offer a strategic assessment meeting to discuss the site details, if required and if not already provided</li> <li>3. Agree an extension (if required at this stage)</li> </ol>	
<p>S104 Application check sufficient details supplied:</p> <ul style="list-style-type: none"> <li>• Confirm that a full set of details have been supplied to be assessed</li> <li>• Detail the nominated contact to support future communication about the assessment</li> <li>• Confirm any reference number for the application</li> </ul>	
<p>S104 Application check further details required:</p> <ul style="list-style-type: none"> <li>• Confirm that a full set of details have not been supplied</li> <li>• Clearly detail any strategic and/or technical details that need to be supplied or addressed.</li> <li>• Offer a strategic assessment meeting, where relevant</li> <li>• Detail the nominated contact to support communication about the initial assessment</li> <li>• Confirm any reference number for the application</li> <li>• Provide a quotation for the associated administration, assessment, inspection and other applicable charges</li> </ul>	
<p><b>Information provided by you (developer/applicant)</b></p>	
<p>S104 Application Re-submission</p> <p>As a minimum the re-submission of the details should contain any data not previously supplied as part of the initial application, including any additional details discussed where LP or TS need to be considered:</p> <ul style="list-style-type: none"> <li>• Consider any recommendations made from the initial submission.</li> <li>• Re-submitted fully Completed S104 Application form</li> <li>• Programme for start date</li> <li>• Planning details</li> </ul>	<p>Any information that has previously been supplied will not be re-requested to progress the initial technical assessment, unless significant changes to the design are required</p>

<ul style="list-style-type: none"> <li>• Ownership details</li> <li>• Site location plan</li> <li>• Site/Engineering layout plan</li> <li>• Longitudinal Sections</li> <li>• Access schedule(s)</li> <li>• Pumping station details</li> <li>• Special Asset or Component drawings</li> <li>• Any Manufacturers details relevant to the application</li> <li>• Details of who will be preparing the standard Agreements</li> <li>• Contact details for mediation companies</li> </ul> <p>The documents supplied should contain the information listed in Form A1 - S104 Application details and information (relevant to missing information). Ensure any changed drawings are cross-checked for accuracy before (re)submitting.</p>	<p>before a re-submission is made.</p> <p>Requests to discuss the proposals may be requested to assist with the application.</p>
<p><b>Information provided by us (South West Water)</b></p>	
<p>S104 Technical Assessment will check to ensure that:</p> <ul style="list-style-type: none"> <li>• The details are in accordance with the Design and Construction Guidance</li> <li>• If required, agree an extension</li> <li>• Any Local Practice or Technical Standard details are adhered to</li> <li>• All manufacturers details are provided</li> <li>• Any legal requirements incl. land ownerships, rights, consents etc. have been supplied or confirmed</li> <li>• The information for entering into the agreement has been provided</li> <li>• A Conditional Acceptance can be provided, at the request of the developer, where certain elements of the site have met the DCG, LP or TS and where you wish to progress constructing the system before the full Technical Acceptance has been granted. Some elements of a system may not be able to receive a conditional acceptance and advice must be sought from us.</li> <li>• A Technical acceptance is provided once all details are confirmed acceptable for the full system</li> <li>• Where the assessment defines that the proposals are not acceptable, a technical report will be provided</li> </ul> <p>For each re-submission for a technical assessment, the same check details as listed above will be completed, up until the Conditional Acceptance(s) or the full Technical Acceptance can be provided.</p> <p>Over excessive re-checks may incur additional charges. Refer to the Developer Services Charges Arrangements for repeated submissions.</p>	
<p><b>Information provided by you (developer/applicant)</b></p>	
<p>S104 assessment re-submission</p> <p>The details provided from the S104 technical report should be reviewed and accommodated to encompass the details needed to progress the S104 towards Conditional Acceptance and then to the Full Technical Acceptance.</p> <p>As a minimum the re-submission of the details should contain any data not previously supplied and any additional data requested to allow the system to have a</p>	

<p>technical assessment.</p> <p>Resubmit a full set of details, as close to receiving the technical review, responding to all items that were detailed/raised.</p>	
<p><b>Information provided by us (South West Water)</b></p>	
<p>Conditional Acceptance – (less preferred option)</p> <p>The Conditional Acceptance confirms only the element of the system which meets the relevant DCG, LP or TS – predominantly the gravity only system (connection to the public sewers will not be granted until technical acceptance has been issued – having not fully satisfied the system needed to serve the site)</p> <ul style="list-style-type: none"> <li>• Will confirm the items that will still need to be progressed</li> <li>• Will confirm the length of time available to formally progress the remainder of the system towards technical acceptance</li> <li>• Will confirm the additional charges applicable</li> <li>• Will allow the Early start of the system conditionally accepted</li> <li>• Diversions of existing public sewers will not be accepted for conditional acceptance and an agreement must be in place before any diversion works are commenced</li> </ul>	
<p>S104 Technical Acceptance</p> <p>The technical acceptance confirms that the proposed system can be incorporated within a S104 Agreement for Adoption and will confirm:</p> <ul style="list-style-type: none"> <li>• The design meets the requirements of the DCG, LP and TS</li> <li>• The technically acceptable drawing numbers</li> <li>• A quotation for the associated administration, assessment, inspection and other applicable charges (if not already issued at initial application stage).</li> <li>• The associated bonds will be confirmed</li> </ul> <p>The technical acceptance will request the details to be incorporated within the standard S104 Agreement, these being:-</p> <ul style="list-style-type: none"> <li>• Set of technically acceptable drawings coloured correctly</li> <li>• The request for full details of the parties to the agreement</li> <li>• The applicable charges</li> <li>• The relevant bond type</li> <li>• The timeframe for construction</li> <li>• Any Maintenance regimes and responsibilities</li> <li>• Any phasing details</li> <li>• Any legal requirements including the ownership details of the system</li> <li>• Mediation details for dealing with disputes</li> </ul> <p>For the S104 Agreement this will be a standard Agreement.</p>	

**Proceed to Stage 3: Adoption Agreement/Early Start Inspection**