

NW Reference Number	_____/S104/_____/_____
Plus2 Ref	_____
Office Use Only	

Sewer Adoption Application Form

When to use this form:

When you want sewers to be adopted by us following construction

Before submitting this Sewer Adoption application form we would recommend that you submit and have received our response to a Pre-development enquiry about your development. We suggest that a Pre-development enquiry is made for any proposed housing developments comprising three or more properties. Please refer to our Sewer Adoption Application guidance notes for help in completing this form

Documents and forms you may be interested in:

Sewer Adoption Application guidance notes
Pre-Development Enquiry

Section 1 – Applicant Details (*field must be completed)

Please tell us who you are, and how we can get in touch

Name	*		
Address & Postcode	*		
Email		Tel No.	*

If you are not the developer, please let us know who is

Name	*		
Address & Postcode	*		
Email		Tel No.	*

Section 2 – Development Site Details

Please tell us where the site is

NB: Either Grid Reference or House No & Post Code must be completed.

Grid Reference (a six figure reference for the centre of the site e.g. NZ 123456):	
Address & Postcode	

How many properties will be constructed?

Household		Non Household	
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Section 3 – Site History Details

- a) Please submit a copy of our response to your Pre-Development Enquiry (if available), indicating agreed discharge points and flow rates. Please see notes above.
- b) Planning Status of site:

Status	Y/N	Date	Reference
Does the site have Outline Planning Permission?			
Does the site have Full Planning Permission?			
Does the site have Building Regulation Permission?			

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c) Is the site:

Greenfield <input type="checkbox"/>	Brownfield (previously developed) <input type="checkbox"/>	
Has the original property or business which was connected been demolished, or due to be demolished?		
Yes <input type="checkbox"/>	No <input type="checkbox"/>	Planned to be <input type="checkbox"/>
If Yes or Planned, please confirm the demolition date:		

d) Are there any existing public sewers on the site which may need to be diverted?

Yes <input type="checkbox"/>	No <input type="checkbox"/>
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If Yes, you will need to complete our Sewer Diversion Application Form (refer to our website).

e) Are any of the proposed sewers in this application to be located in land not owned by you?

Yes <input type="checkbox"/>	No <input type="checkbox"/>
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If Yes, do you propose to request us to requisition sewers on your behalf?

Yes <input type="checkbox"/>	No <input type="checkbox"/>
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If Yes, you will need to complete our Sewer Requisition Application Form (refer to our website).

Section 4 – Required Information

Please provide the following information for use in assessing your application, as per *Sewers for Adoption 6th* Table 1.1. Please note that failure to supply the correct information may delay your application. Please provide two copies of all of the drawings referred to in the table below.

Information Required (2 copies of each drawing)	Scale or Date	Notes
<u>Developer's Programme</u> Estimated construction start date		
<u>Location Plan</u>	1:2500 minimum	
<u>Site Plan Showing:</u> All levels related to OS Datum Site boundary North arrow Roads Sewers (Coloured as per <i>Sewers for Adoption 6th</i>) Pumping stations including compound Rising mains Existing sewers Road gullies / highway drains Watercourses Site contours Proposed buildings Ground floor levels Private drainage Storage/attenuation Outfalls/headwalls Borehole locations		Copies of all drawings in dwg AutoCAD format wherever possible
<u>Longitudinal Sections (sewers and rising mains) showing:</u> Existing levels	1:500 Horizontal 1:100 Vertical	

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<p>Proposed cover and invert levels</p> <p>Pipe materials</p> <p>Pipe strength</p> <p>Pipe diameters</p> <p>Bedding classification and details</p> <p>Air valves and wash outs</p> <p><i>Supplementary information may include:</i></p> <p><i>Existing services</i></p> <p><i>Borehole information</i></p> <p><i>Groundwater/watercourse levels</i></p>		
<p><u>Copies of Hydraulic Design Calculations</u></p> <p>(in accordance with <i>Sewers for Adoption 6th</i>)</p> <p>Foul water</p> <p>Surface water (inc impermeable area plan)</p> <p>Design parameters used</p>		
<p><u>Construction Details Showing:</u></p> <p>Manholes</p> <p>Pumping stations</p> <p>Manhole schedules</p> <p>Attenuation tanks</p> <p>Ancillaries</p>	1:20	
<p><u>Pumping Station Information showing:</u></p> <p>General Arrangement details</p> <p>Wet well capacity/storage/time to spillage</p> <p>Rising main capacity</p> <p>Surge calculations</p> <p>Structural calculations and drawings</p> <p>Flotation check</p> <p>Pump manufacturer's design & pump head discharge curve</p> <p>Emergency overflow details and consent</p>	1:20/1:50	
<p><u>SuDS:</u></p> <p>Written confirmation from the Lead Local Flood authority (LLFA) of their approval of the SuDS design & maintenance schedule, and a copy of the maintenance schedule</p>		
<p><u>CDM Requirements:</u></p> <p>It is likely that the majority of development sites will be bound by the Construction (Design and Management) Regulations 2007</p> <p>Much of the information required to approve a Section 104 adoption including the supplementary information listed above, should be readily available to either:</p> <ul style="list-style-type: none"> • the Client or • the Designer • the CDM Coordinator (CDMC) • The Principal Contractor, appointed by the Client as competent, responsible persons under the 		Ensure F10 notice is displayed on site prior to

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<p>Regulations</p> <p>Before any NW staff visit the site for inspections, the company must be provided with details of</p> <ul style="list-style-type: none"> the Designer the CDM Coordinator (CDMC) the Principal Contractor 		commencement of work.
<u>Estimated value of sewerage construction work</u>		
<u>Estimated value of Pumping Stations and Rising Mains</u> (including overheads, profits, insurances etc)		
<u>Details of full rights to discharge to:</u> Watercourses Surface water culverts Canals		We may require written proof/consents/licences of the rights to discharge in perpetuity. e.g. Environment Agency discharge consent
<u>Details of Land Transfers and Ownership</u>	1:2500 1:200	Details of ownership of all land conveyed to us is required.

Section 5 – Innovative Construction Products

We support the use of innovative products that provide a clear benefit and satisfy our technical requirements for sewer construction, operation and maintenance.

You should be fully conversant with our procedure for Innovative Construction Products. Please refer to our guidance note on our website

If you intend to use a construction product that is new to the water industry/sewer adoption/construction industry then we will require technical information about this product, to ensure it is appropriately used, be able to technically assess it, and inspect the construction. Technical Approval of the sewers to be adopted includes the construction products to be used.

Please complete an Innovative Construction Product Sheet for each new product and append it to your S104 application.

Developers, designers, product manufacturers, consultants and contractors should be aware it may take additional time to assess the suitability of innovative products. To avoid delays to your programme we suggest:

- arranging pre-application discussions with one of our New Development Project Managers
- ensuring all the information requested on the product sheet is provided
- avoiding submitting an application that includes a product which is not able to meet the criteria
- avoiding introducing products at a late stage i.e. after Technical Approval for the site has been given

Will Innovative Construction Products be used on this site?	Yes / No	
How many different product sheets will be appended to this application (one product or product system per sheet)	number	
Have you had pre-application discussions with the New Development Project Manager on the use of these products?	Yes / No	

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Section 6 –Checklist and Declaration (*field must be completed)

- A copy of NW's response to your Pre-Development Enquiry
- All information outlined in Section 4 (as required)
- All information outlined in Section 5 (if required)
- Initial vetting fee of £500 made payable to Northumbrian Water Ltd

I agree, that for the purposes of the Water Industry Act 1991 and the Data Protection Act 1998, the information provided in this form and in any accompanying documents, may be held on a computer and processed by Northumbrian Water Ltd and its servants and agents for all purposes connected with the Company's statutory water and sewerage undertakings.

Note: Failure to complete this application in full and provide relevant and correct information may result in the application returned and/or approval being delayed. Northumbrian Water may charge the developer for additional time spent carrying out vetting submissions which are incomplete or unsatisfactory. Submitting this application DOES NOT mean approval has been granted. No works should commence until written approval has been given by Northumbrian Water.

Signature	*	Date	*
Name	*	Position	*

When completed, please return to:

New Development Team, Northumbrian Water, Leat House, Pattinson Road, Washington, NE38 8LB

Or email to: newdevelopmentsewerage@nwl.co.uk