



West of Bowes Railway			
Prepare site and install fencing			
DN800 pipework connecting the Carr Hill Link main to Bowes			
Railway Crossing	5 Months	Jan-24	Jun-24
Carr Hill Connection [under road closure]			
Reinstatement work			
Remove fencing etc from location			

Carr Hill Connection Trial Pits			
Duration	Est month Start	Est Month Finish	
1 Month	Jul-23	Jul-23	

Vegetation Clearance Work			
Duration	Est month Start	Est Month Finish	
1 Week	May-23	Jun-23	

Service Reservoir Excavation			
Earth works			
Clay overburden			
Rip, excavate & transport sandstone offsite	3 Months	Jul-23	Sep-23
Service Reservoir Construction			
Install setting out pads and blinding			
Main section - Install perimeter and centre walls			
Pour base and wall infills			
Install Internal columns, beams and roof planks			
Central crane corridor - Install blinding and base			
Install Internal columns, beams and roof planks			
Pour base and wall infills			
Install walls			
Install Internal columns, beams and roof planks			
Reinforced Concrete roof slab			
Curing to roof screed			
Service Reservoir Roof			
Install roof membrane	5 Months	Apr-24	Aug-24
Gravel to roof			
Service Reservoir Landscaping			
Construction of batters to SR			
Topsoil & Seed to Batters	3 Months	Aug-24	Nov-24
Perimeter fencing to be finished			
Planting			

Tunnelling Section			
Duration	Est month Start	Est Month Finish	
4 Month	Sep-23	Jan-24	

Access enabling			
Haul Road - East boundary to service Reservoir			
Haul Road - west boundary to service Tunnel			
Haul Road - East of tunnel to reservoir	3 Months	Jun-23	Aug-23
Perimeter fencing			
Pre-Con Drainage			
Topsoil Strip			
Compound & site set up			
Trial holes at entrance			
Temp Traffic management at entrance			
Construct new entrances incl. hedge/tree removal	2 Months	Jun-23	Aug-23
Strip compound area and stone up			
Establish full site setup			
Lay surfacing to entrance			

Carr Hill Inlet including Tunnel East of Bowes Railway			
Prepare site and install fencing			
Section of DN800 pipework tunnelled beneath the Bowes Railway Scheduled Monument	11 Months	Jul-23	Jun-24
Install DN800 pipe			
Reinstatement work			
Remove fencing etc from location			

Derwent Main Inlet / Outlet			
Prepare site and install fencing			
Pipelaying			
Mains connection			
Derwent trunk main to the Mosswood Inlet	8 Months	Oct-23	May-24
Outlet flowmeter chamber to the Derwent trunk main			
Reinstatement work			
Remove fencing etc from location			
DN800 pipework connecting the Derwent trunk main to the Mosswood inlet chamber on the service reservoir site			
Duration	Est month Start	Est Month Finish	
Derwent Main Connection			
Connection to Mount Lane	4 Months	Jan-24	May-24
Mount Lane Crossing			
Mount Lane to Inlet Chamber			
DN800 pipework connecting the outlet flowmeter chamber to the Derwent trunk main			
Duration	Est month Start	Est Month Finish	
Derwent Main Connection			
Connection to Mount Lane	5 Month	Jan-24	May-24
Mount Lane Crossing			
Mount Lane to Flow Meter Chamber			

Overflow Pipeline			
Prepare site and install fencing			
Pipe laying			
Crossing Springwell Road and Mount Lane	4 Month	Oct-23	Mar-24
Reinstatement work			
Remove fencing etc from location			

Connection to Pikes Hole Pipeline			
Prepare site and install fencing			
Pipe laying			
Mount Lane Road Crossings	9 Month	Nov-23	Jul-24
Reinstatement work			
Remove fencing etc from location			

- Notes
- All dimensions are shown in millimetres (mm), unless noted otherwise.
 - All levels are shown in metres (m) above ordnance datum, unless noted otherwise.
 - All utility and services information is shown indicatively and needs to be confirmed on site.
 - Co-ordinates relate to ordnance survey national grid.
 - Access road into housing development taken from hellens As-Built survey of access road, dated 15 November 2021.
 - Location of temporary noise bunds shown indicatively only, exact extent to be confirmed during detailed design.

Key to symbols

- PROPOSED LAND FOR WORKING AREA
- ACCESS ROUTES
- PROPOSED CARRHILL INLET PIPELINE
- PROPOSED DERWENT INLET PIPELINE
- PROPOSED OVERFLOW/SCOUR
- PROPOSED DERWENT OUTLET PIPELINE
- PROPOSED PIKES HOLE PIPELINE
- PROPOSED CUT OFF DRAIN
- PROPOSED UNDER DRAIN
- PROPOSED SUDS POND
- TRUNK MAIN TO BE ABANDONED
- PROPOSED CONTRACTORS COMPOUND FOR MATERIAL, LAY-DOWN ETC.
- PROPOSED CONTRACTORS COMPOUND FOR CABINS AND WELFARE FACILITIES
- PROPOSED TEMPORARY NOISE BUNDS
- PROPOSED PERMANENT BOUNDARY FENCE AND TEMPORARY NOISE BARRIER
- TEMPORARY ACCESS ROAD
- INDICATIVE SITE BOUNDARY AND WORKING AREA

Reference drawings

Rev	Date	Drawn	Description	Ch'kd	App'd
P01.2	14/03/2023	AB	Design Stage 4 First Issue		

Status Stamp

NOT FOR CONSTRUCTION

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Client

NORTHUMBRIAN WATER *living water*

Title

Springwell Enhancements
Service Reservoir Contract 1
Proposed Compound and Working Area
Sheet 1 of 1

Designed	Drawn	Dwg.check.	Eng.check.	Scale	Security
	A Bell	A Bell	AB Coordination	Scale at A1	STD
			AB Approved	1:1250	
MMB Project Number	DX01		Suitability Description		Suit. Code
			Work In Progress		S0
Drawing Number	SZ10-001-DWG-CST-G99-001		Rev	P01.2	

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