



Hunter Water Corporation

Construction Surveillance by Accredited Design Consultant (minimum requirements)

Item no.	Surveillance activity	Minimum frequency
1	<p>WHS inspection</p> <p>Periodically check the Accredited Construction Contractor's compliance with the Safety Management Plan. Observe, monitor and report on the Accredited Construction Contractor's work on the project site for compliance with the Work Health and Safety Act and Regulations. This report should include, but is not limited to:</p> <ul style="list-style-type: none">• reviewing the Accredited Construction Contractor's Safety Management Plan• reviewing the Accredited Construction Contractor's Safe Work Method Statements• site inductions• traffic control measures• workers' PPE• public safety• trench support• working at height• overhead hazards• confined spaces, and• incident reporting process	Prior to start of construction and once per site visit during construction surveillance
2	<p>Environmental inspection</p> <p>Observe, monitor and report on the Accredited Construction Contractor's work on the project site for compliance with the Environmental Management Plan. This report should include, as applicable:</p> <ul style="list-style-type: none">• reviewing the Accredited Construction Contractor's Environmental Management Plan• Reviews of Environmental Factors• sediment and erosion controls• noise/vibration/dust controls• disposal of test water• property access• temporary pedestrian pathways• acid sulphate soil treatment plans• contaminated soil treatment plans• spoil stockpiling and disposal plans• working within approved hours, and• working in and around sensitive waterways	Prior to start of construction and once per site visit during construction surveillance



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3	Construction surveillance	
3.1	Observe, monitor and check implementation of Inspection and Test Plans, including: <ul style="list-style-type: none"> • verification of test results • release of hold points/witness points • close out of all Non-conformance Reports, and • respond and close out Requests for Information from the Accredited Construction Contactor 	When pipes are laid and backfilled, at least every 200 metres All hold and witness points, at least weekly All non-conformances, at least weekly All Requests for Information, at least weekly
3.2	Observe and verify the supplied pipework and fittings comply with the design drawings, the relevant WSAA codes and Hunter Water's Approved Products and Manufacturers Register.	As pipes are delivered to site and prior to installation
3.3	Observe and verify the supplied pipework and fittings are compliant and fit for purpose.	As pipes are delivered to site and prior to installation
3.4	Observe and verify the supplied bedding and trench fill material comply with WSAA codes and the design and standard drawings.	Prior to start of construction, and at least once during construction, or at least every 200 metres
3.5	Observe and verify the trench backfill has been compacted to the level specified in the design drawings.	At least every 200 metres
3.6	Observe and verify the thrust blocks are constructed in accordance with the design drawings, including: <ul style="list-style-type: none"> • minimum bearing area is correct • soil conditions are acceptable • formwork is acceptable, and • concrete complies with the specified type, strength and design mix 	Each thrust block
3.7	Observe and verify the trench stops/bulkheads are constructed in accordance with the design drawings.	Each trench stop/bulkhead grouping
3.8	Observe and verify the grade of the laid sewer pipe is in accordance with the design drawings.	At least once, or every 200 metres
3.9	Observe and verify the cover over the laid pipe is in accordance with the design drawings.	At least once, or every 200 metres



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3.10	Observe and verify the hydrostatic, pressure and vacuum testing results of completed works are in accordance with the design drawings and WSAA standards.	Per test section nominated by Construction Contractor
3.11	Observe and verify surface restoration is compliant with the design, and the area has been restored as close as possible to its prior condition.	At completion of construction
3.12	Observe and validate the works are ready for connection to Hunter Water's network.	At completion of construction