



Hunter Water Corporation

Construction Inspection by Accredited Design Consultant (minimum requirements)

Item no.	Inspection activity	Minimum frequency
1	<p>WHS inspection</p> <p>Check the licensed plumber's or Accredited Construction Contractor's compliance with the Safety Management Plan. Observe, monitor and report on the licensed plumber's or 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 licensed plumber's or Accredited Construction Contractor's Safety Management Plan• reviewing the licensed plumber's or 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	Per site inspection
2	<p>Environmental inspection</p> <p>Observe, monitor and report on the licensed plumber's or 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 licensed plumber's or 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	Per site inspection



Hunter Water Corporation

Construction Inspection by Accredited Design Consultant (minimum requirements)

Item no.	Inspection Activity	Minimum frequency
3	Construction inspection	
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 to and close out Requests for Information from the licensed plumber or Accredited Construction Contractor 	Single site inspection
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.	Single site inspection
3.3	Observe and verify the supplied pipework and fittings are compliant and fit for purpose.	Single site inspection
3.4	Observe and verify the supplied bedding and trench fill material comply with WSAA codes and the design and standard drawings.	Single site inspection
3.5	Observe and verify the trench backfill has been compacted to the level specified in the design drawings.	Single site inspection
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 	Single site inspection
3.7	Observe and verify the trench stops/bulkheads are constructed in accordance with the design drawings.	Only if included in design
3.8	Observe and verify the grade of the laid sewer pipe is in accordance with the design drawings.	Single site inspection
3.9	Observe and verify the cover over the laid pipe is in accordance with the design drawings.	Single site inspection
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.	At completion of construction
3.11	Observe and verify surface restoration is compliant with the design, and the area has been restored to prior condition as far as practicable.	At completion of construction
3.12	Observe and validate the works are ready for connection to Hunter Water's network.	At completion of construction



Hunter Water Corporation

Construction Inspection by Accredited Design Consultant (minimum requirements)

Item no.	Inspection Activity	Minimum frequency
3.13	Observe and verify any road/rail/creek crossings are constructed in accordance with the design drawings, including, as applicable: <ul style="list-style-type: none">• correct pipe type and class• correct line and level• correct encasement pipe• correct pipe embedment type• backfill compactions tests verified• crossing pavement type• crossing pavement compaction tests verified	Only if included in design – single site inspection
3.14	Observe and validate the works have been connected to the network in accordance with the drawings and a photographic record kept of the works.	At completion of construction

Sample Only