

APPRENTICESHIP AND OCCUPATIONAL CERTIFICATION

Board Order

This is an order of the New Brunswick Apprenticeship and Occupational Certification Board made pursuant to section 13 of the Apprenticeship and Occupational Certification Act.

Title:	Tasks, Activities and Functions of a Designated Occupation
Category:	Voluntary
Occupation:	Water and Wastewater Operator
Board Order Number:	V178.1
Board Order Date:	January 17, 2013
Effective Date:	January 1, 2014

SCOPE OF THE OCCUPATION

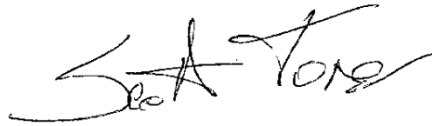
The water and wastewater occupation includes

- (a) the reading and interpreting of meters, gauges and other sensing devices to monitor plant operation;
- (b) the adjusting of controls to regulate flow coming into the plant and monitor its progress through various processes in the plant;
- (c) the operating of pumps, valves, equipment and chemical feeding systems;
- (d) the testing and adjusting of chemical feed rates to ensure quality for disinfection, taste, odour and suppressants;
- (e) the taking of samples of the water or wastewater
- (f) the performing of routine laboratory tests and the interpreting of results;
- (g) the keeping of detailed daily records of chemical test results, reading and changes in plant operation;
- (h) the providing of input into annual operating budgets;
- (i) the preparing of daily, monthly and annual reports;
- (j) the developing and maintaining of lists of potential contractors;
- (k) the maintaining of stock essential spare parts;
- (l) the operating of computer data acquisition and data control and alarm systems;
- (m) the ensuring that water or wastewater meets New Brunswick standards at all times;
- (n) the maintaining of equipment and making minor repairs to valves, pumps or other equipment;
- (o) the dealing directly with the public regarding water quality complaints and emergencies;
- (p) the investigating of taste and odour complaints;
- (q) the monitoring of truck dump sites which may involve sampling and interpreting of lab analyses for approval to discharge;
- (r) the operating of sludge handling systems;

- (s) the monitoring and making of adjustments to biological processes; and
- (t) water and sewer line repairing and street maintaining which may involve pick and shovel work or operating machines such as pneumatic jack hammers, graders and backhoes.

Categories of certification

- (a) Water Distribution (WD)
 - (i) the holder of a Class I certificate of qualification is authorized to operate a Class I Water Distribution System
 - (ii) the holder of a Class II certificate of qualification is authorized to operate a Class II Water Distribution System
 - (iii) the holder of a Class III certificate of qualification is authorized to operate a Class III Water Distribution System
 - (iv) the holder of a Class IV certificate of qualification is authorized to operate a Class IV Water Distribution System
- (b) Water Treatment (WT)
 - (i) the holder of a Class I certificate of qualification is authorized to operate a Class I Water Treatment System
 - (ii) the holder of a Class II certificate of qualification is authorized to operate a Class II Water Treatment System
 - (iii) the holder of a Class III certificate of qualification is authorized to operate a Class III Water Treatment System
 - (iv) the holder of a Class IV certificate of qualification is authorized to operate a Class IV Water Treatment System
- (c) Wastewater Collection (WWC)
 - (i) the holder of a Class I certificate of qualification is authorized to operate a Class I Wastewater Collection System
 - (ii) the holder of a Class II certificate of qualification is authorized to operate a Class II Wastewater Collection System
 - (iii) the holder of a Class III certificate of qualification is authorized to operate a Class III Wastewater Collection System
 - (iv) the holder of a Class IV certificate of qualification is authorized to operate a Class IV Wastewater Collection System
- (d) Wastewater Treatment (WWT)
 - (i) the holder of a Class I certificate of qualification is authorized to operate a Class I Wastewater Treatment System
 - (ii) the holder of a Class II certificate of qualification is authorized to operate a Class II Wastewater Treatment System
 - (iii) the holder of a Class III certificate of qualification is authorized to operate a Class III Wastewater Treatment System
 - (iv) the holder of a Class IV certificate of qualification is authorized to operate a Class IV Wastewater Treatment System

A handwritten signature in black ink, appearing to read "Scott Torner". The signature is fluid and cursive, with the first name "Scott" written in a smaller, more compact style than the last name "Torner".

Chair
Apprenticeship and Occupational Certification Board