

Figure: 30 TAC §319.9(c)

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**Table 3**  
**MEASUREMENT FREQUENCY FOR NONDOMESTIC WASTEWATER EFFLUENT**  
**(Based on Permitted Daily Average Flow)**

[Table 3 FREQUENCY OF MEASUREMENT VOLUME OF MGD]					
Parameter	0 to less than 0.05 MGD	0.05 to less than 0.50 MGD	0.50 to less than 2.00 MGD	2.00 to less than 10.00 MGD	10.00 MGD or greater
Flow	One instantaneous measurement per operating day except on sample days when 3 instantaneous measurements made concurrently with the collection of sample portions are required.	One instantaneous measurement per operating shift - on sample days concurrent with the collection of a sample portion.	One instantaneous measurement per operating shift - on sample days concurrent with the collection of a sample portion or the reading from a totalizing flow meter.	Six instantaneous measurements per day spaced at equal intervals during the operating period or the reading from a totalizing flow meter.	Instantaneous measurements made each hour or the reading from a totalizing flow meter.
pH (a)	1 per day	1 per day	1 per day	1 per day	1 per day
Temperature (b)	1 per day	3 per day	3 per day	6 per day	12 per day
BOD <sub>5</sub> [BOD]	1 per week	2 per week	2 per week	3 per week	1 per day
COD	1 per week	2 per week	2 per week	3 per week	1 per day
TOC	1 per week	2 per week	2 per week	3 per week	1 per day
Oil & Grease (c)	1 per week	2 per week	2 per week	3 per week	1 per day
Ammonia Nitrogen	1 per week	2 per week	2 per week	3 per week	1 per day
Arsenic	1 per week	2 per week	2 per week	3 per week	1 per day
Barium	1 per week	2 per week	2 per week	3 per week	1 per day
Boron	1 per week	2 per week	2 per week	3 per week	1 per day
Cadmium	1 per week	2 per week	2 per week	3 per week	1 per day
Chromium	1 per week	2 per week	2 per week	3 per week	1 per day
Copper	1 per week	2 per week	2 per week	3 per week	1 per day
Lead	1 per week	2 per week	2 per week	3 per week	1 per day
Manganese	1 per week	2 per week	2 per week	3 per week	1 per day
Mercury	1 per week	2 per week	2 per week	3 per week	1 per day
Nickel	1 per week	2 per week	2 per week	3 per week	1 per day
Selenium	1 per week	2 per week	2 per week	3 per week	1 per day
Silver	1 per week	2 per week	2 per week	3 per week	1 per day
Zinc	1 per week	2 per week	2 per week	3 per week	1 per day
TSS	1 per week	2 per week	2 per week	3 per week	1 per day
TDS	1 per week	2 per week	2 per week	3 per week	1 per day
Chloride	1 per week	2 per week	2 per week	3 per week	1 per day

Sulphate	1 per week	2 per week	2 per week	3 per week	1 per day
Nitrate Nitrogen	1 per week	2 per week	2 per week	3 per week	1 per day
Sulfide (c)	1 per week	2 per week	2 per week	3 per week	1 per day
Phenol (c)	1 per week	2 per week	2 per week	3 per week	1 per day
Collection of Samples	Samples shall be composite samples made up of three portions, sized proportional to flow, collected to no closer together than one hour and over a span of time not exceeding 24 hours.	Samples shall be composite samples made up of three portions, sized proportional to flow, one portion being collected during each operating shift or otherwise suitably distributed throughout the operating day.	Samples shall be composite samples made up of three portions, sized proportional to flow, one portion being collected during each operating shift or otherwise suitably distributed throughout the operating day.	Samples shall be composite samples made up of six portions, sized proportional to flow, collected concurrently with the instantaneous flow measurements made during a 24-hour time span.	Samples shall be 24-hour composite samples collected in 12 or more individual portions, sized proportional to flow, equally spaced throughout the operating day.

Where:

- (a) The required laboratory tests shall be made on grab samples and analyzed immediately after collection or analyzed *in situ* at the permit sampling point.
- (b) The temperature shall be measured *in situ* on the water at the permit sampling point.
- (c) The required laboratory tests shall be made on grab samples.