

## **B.C. MINISTRY OF TRANSPORTATION**

### **SA 14 - Local Area Specification # 6**

#### **COQUIHALLA REST AREA FACILITY MAINTENANCE**

##### **1. OBJECTIVE**

To ensure a safe drinking water supply at the four rest areas (Britton Creek, Zopkios, Toll Plaza Northbound and Toll Plaza Southbound) on the Coquihalla Highway 365 days of the year; and

To provide daily restroom maintenance service to the Travelling Public by ensuring immaculately clean restrooms from 10:00 am to 10:00 pm for the Southbound and Northbound Facilities located at the Toll Plaza on the Coquihalla Highway from May 15 to October 15 inclusive.

Note: Maintenance in the Britton Creek and Zopkios rest areas will be done in accordance with Maintenance Specification 4-380 Rest Area and Roadside Facility Maintenance.

##### **2. GENERAL PERFORMANCE SPECIFICATIONS**

###### **2.1 Routine Maintenance Services**

All services in this Local Area Specification are Routine.

###### **2.2 Quantified Maintenance Services**

Not applicable to this Local Area Specification.

##### **3. DETAILED PERFORMANCE SPECIFICATIONS**

###### **3.1 Routine Maintenance Services**

The Contractor must:

- a) collect water samples at the following locations:
  - i) Britton Creek Rest Area;
  - ii) Zopkios Brakecheck Rest Area;
  - iii) Northbound Tollbooth facility;
  - iv) Southbound Tollbooth washroom;

- b) collect water samples in accordance with the Fraser Health Authority sampling instructions (Appendix 1 to this Local Area Specification) and Schedule B of the *Drinking Water Protection Regulations*. *The Drinking Water Protection Regulations* are available at the following site:  
  
[www.qp.gov.bc.ca/statreg/reg/D/200\\_2003.htm](http://www.qp.gov.bc.ca/statreg/reg/D/200_2003.htm)
- c) deliver the water samples to the following location:  
  
Interior Health  
2059 Garcia Street,  
Merritt, B.C.
- d) perform routine flushing of the water systems;
- e) monitor and maintain the pump, well and water systems;
- f) ensure water quality tests for physical and chemical parameters are performed by an accredited lab and results forwarded to the Environmental Health Officer in accordance with the timeframes outlined in section 3.1.1;
- g) report issues regarding water quality to the Environmental Health Officer;

The Contractor must provide the following services at the Northbound and Southbound Facilities at the Coquihalla Toll Plaza:

- h) post a check sheet with a contact phone number at both the Southbound and Northbound Facilities for the maintenance person(s) to initial and note the times when the facility has been maintained for the Travelling Public;
- i) clean the toilets, sinks, counters, partitions and floors;
- j) restock all dispensers with supplies;
- k) ensure that floor drains and traps are operational;
- l) ensure buildings and structures are free of all cobwebs;
- m) clean, refinish or re-paint all building surfaces damaged by graffiti;

- n) remove all Debris from the areas surrounding the building and clean concrete, asphalt, and gravel walkways to the facility;
- o) clean light fixtures and ensure they are functional and properly assembled;
- p) ensure that septic and holding tanks, septic fields and/or sewage systems are operating properly at all times;
- q) ensure that all structures, heating systems, fixtures and appliances are operational;
- r) provide vegetation control in accordance with the Maintenance Specification for Roadside Vegetation Control with no additional credit for this work;
- s) report acts of vandalism and misuse of Rest Areas to the police and the Province;
- t) ensure that all electric hand dryers or hand paper dispensers as well as any manual or sensor water taps, toilets or urinals are operating properly.

### **3.1.1 Performance Time Frames**

The Contractor must:

- a) collect and deliver water samples weekly by Tuesday, 11:30 am.  
  
Note: If the Contractor is unable to submit samples by this time, samples must be sent to an approved private lab, at the Contractor's expense, and results forwarded to the Fraser Health Authority;
- b) perform routine flushing of the water systems at least twice annually, once in the spring and once in the fall; and, if testing results indicate an unsatisfactory level of contaminants, the Contractor will flush the systems immediately;
- c) report issues regarding water quality immediately;
- d) test water for physical and chemical parameters within 30 days of contract commencement date; and every 3 years thereafter;

The Contractor must provide the following services as defined below from 10:00 am to 10:00 pm, May 15 to October 15 inclusive each year at the Southbound and Northbound Facilities located at the Toll Plaza;

- e) daily, clear all cobwebs, from inside and outside of the buildings;
- f) upon detection or notification, immediately remove marks, and graffiti from walls, inside or outside;
- g) hourly, remove litter including cigarette butts in the area surrounding the building, sweep walkways, and remove weeds;
- h) daily, or more frequently as required clean and/or wash interior walls, ceilings and light fixtures to maintain sanitary conditions;
- i) upon detection or notification repair or replace as required any electric hand dryers, paper towel or toilet paper dispensers as well as any manual or sensor water taps, toilets and urinals that are functioning incorrectly;
- j) hourly, clean plumbing fixtures including exterior surfaces of toilets and sinks;
- k) hourly, check or inspect structures for damaged, missing or faulty components and complete repairs or replacement as required;
- l) hourly, ensure that all heating apparatuses are in working order and that thermostats are set properly;
- m) hourly, clean and restock toiletry receptacles;
- n) daily, clean and disinfect floors including wall bases, and drains and traps;
- o) daily, or more frequently as required clean interior surfaces of partitions, seats, walls, including the enamel surfaces, piping and toilet seat hinges;
- p) hourly, initial the check sheet noting the time;
- q) daily, at the end of shift, complete a thorough cleaning of restrooms.

### **3.2 Quantified Maintenance Services**

Not applicable to this Local Area Specification.

#### **3.2.1 Performance Time Frames**

Not applicable to this Local Area Specification.

### **3.3 Materials**

Refer to Section B of the Introduction of the Maintenance Specifications.

The Contractor must use only the sterile bottles provided by the lab. Refer to Section B of the Introduction to the Maintenance Specifications for other materials.

## **4. Warranty**

Not applicable to this Local Area Specification.

**APPENDIX 1**  
**SA 14 - LOCAL AREA SPECIFICATION #6**  
**WATER TESTING**

**Instruction for Collecting Water for Bacteriological Analysis**

Water samples must be collected on the same day that they are being submitted to the Health Unit. Water samples that take longer than 30 hours to get to the Laboratory will NOT be tested.

1. Label sample bottle

Use only the sterile bottles provided by the lab specifically for chloriform sampling. Label bottle with:

- Water system name
- Location of water sample, and
- Date and time of sample collection.

Example water bottle label:

<p><u>TREATED</u></p> <p><u>WATER BACTERIOLOGY</u></p> <p><b><u>(BOTTLE CONTAINS DECHLORINATING AGENT)</u></b></p> <p><u>Source: John's Water System, 1234 Ross Lake Road</u></p> <p><b><u>December 10, 2002 (10:00AM)</u></b></p> <p><u>Sent by Fraser Health Authority</u></p> <p><b><u>Laboratory Provincial</u></b></p> <p><b><u>B.C. Centre for Disease Control</u></b></p>
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2. Complete water requisition form with:

- Date and Time of sample collection
- Name of Person who collected the sample

3. Sampling procedures:
  - (i) Collect water samples from identified sampling locations;
  - (ii) Do not rinse the bottles. Sample bottles contain a small amount of sodium thiosulphate to neutralize chlorine residual present in chlorinated water;
  - (iii) Make sure the tap has no aerator, swivel or hose attached. Disinfect the tap with an alcohol wipe or strong chlorine solution prior to collecting the sample;
  - (iv) Run the tap for a minimum of 2 to 5 minutes;
  - (v) Remove the cap from the sterile bottle and fill just above the fill line;
  - (vi) Do not touch inside of the bottle or cap or otherwise allow the cap to become contaminated while the bottle is being filled;
  - (vii) Replace the cap;
  - (viii) Place the completed requisition form inside the ziplock bag and attach the ziplock bag to the bottle with an elastic band.

4. Record free available chlorine residuals

For chlorinated water samples measure and record the Free Chlorine Residual on the requisition.

5. Shipping

Place the water sample into a cooler with ice packs and transport to the Health Unit as soon as possible after collection of the sample.

NOTE: Water samples must be correctly labelled to be tested by the Provincial Laboratory.