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QIKIQTAAALUK CORPORATION

November 30, 2005

Public Works and Government Services Canada
Att/ Mr Brad Thompson
Telus Plaza North/Plaza Telus Nord
10025 Jasper Ave., 5th floor
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RE : Supplemental Information from Nunavut Water Board
Contract numbers: E0211-043976/001/PWU & E0211-043978/002/PWU

Mr Thompson

In response to your request dated November 25, 2005, please consider the following information:

.1 Maximum Camp Occupancy

The camp can accommodate up to 47 persons. Apart from a maximum of 9 representatives of PWGSC, QC is not anticipating exceeding a workforce of 38 persons

.2 Planned schedules for site activities in 2006 and 2007

We confirmed the proposed date for site work as defined in our latest schedule

.3 Drinking water source

We expect be able to obtain the camp drinking water from the stream close to the camp (see beach road crossing #2). Should there not be enough water flowing in that creek, the freshwater lake may temporarily be used.

.4 Subcontractors

See the attached letter for the list of subcontractors to be involved in site activities

.5 Drawings showing some site features

You will find attached a drawing showing the proposed locations for the camp, sewage lagoons and garbage incinerator.

.6 List of Hazardous material

The description and quantities of all petroleum products shipped to the site can be found in the Spill Contingency Plan, appendix 6 of the Health and Safety Plan. In addition to

those products, 1 drum (205 Litres) of DIPSOL and 1 drum (205 Litres) of SUPREX were shipped to site to assist in barrel washing procedures, if required. The MSDS for these solvents are attached to this letter.

.7 Health and Safety Plan

The Health and Safety Plan was revised as per your comments and will be forwarded to you as a separate attachment.

.8 Raw water intake and screen size

As indicated in section 23 of the H&SP, the water hose intake will be equipped with a 4 mesh screen.

.9 Drinking Water quality monitoring

A water sample will be taken every week using the proper sampling containers (bottles). The sample will be kept in a cooler and sent with the next helicopter to Qikiqtarjuak. From there, QC's expeditor will make sure it's sent by cargo to Iqaluit and then to Ottawa or Montreal and forwarded to a Certified laboratory for analysis. The following parameters will be analyzed:

Parameter	Units	CCME Water Quality Guideline s
Copper	mg/L	1
Iron	mg/L	0.3
Lead	mg/L	0.01
Manganese	mg/L	0.05
Mercury	mg/L	0.001
Cadmium	mg/L	0.005
Chromium	mg/L	0.05
Zinc	mg/L	5
pH	-	6.5-8.5
TSS	mg/L	< 500
Nitrate	mg/L	< 10 ¹
Nitrite	mg/L	< 1.0 ¹
Fecal Coliforms	Cts/100	0 ¹

¹ Ontario Ministry of the Environment (MOE) criteria

.10 On-site water treatment

Drinking water to supply the camp will be filtered and treated by UV light prior to be delivered in the camp supply network. The prefiltration will be achieved with an R-Can Environmental system, model FS28-HF which consists in:

- SS 306 casing
- maximum flowrate of 225 GPM (without cartridges)
- maximum operating pressure of 150 psi
- cartridges of 20 µm

The final drinking water filtration will be achieved with an an R-Can Environmental system, model FS8-HF which consists in:

- SS 306 casing
- maximum flowrate of 64 GPM (without cartridges)
- maximum operating pressure of 150 psi
- cartridges of 5 µm

In addition, the UV treatment for disinfection will be done using an R-Can Environmental system, model SP950-HO which consists in:

- SS 306 casing
- maximum flowrate of 52 GPM
- maximum operating pressure of 125 psi
- visual indicators for remaining lifetime and UV intensity

.11 Water storage structure

The camp is equipped with a 32,000 litre cylindrical steel tank with inner surfaces coated with a polymeric liner. In addition, to supply this tank, a polyethylene tank of 15,645 litres in capacity installed on a roll-off platform and equipped with 150 GPM suction pump activated by a 4HP Honda Motor (model GX 120 with oil alert protection) will be used to haul water from the creek to the camp tank.

.12 Wastewater treatment

As specified, two lagoons will be used to treat camp wastewater. Each lagoon will have an approximate size of 40 meters in length by 10 meter and about 1 meter deep with 2:1 side slope. The lagoons will be located (to be confirmed on-site) approximately 100 meters on the north-east side of the camp (see attached drawings). The wastewater flow will be supplied by 150 mm diameter PVC pipe (PVC – SDR635). The lagoons will be lined with a 40-mil HDPE geomembrane.

.13 Garbage incinerator

Non-hazardous camp garbage will be processed using a skid mounted Westland CY1020FA"D" incinerator that has a capacity of 0.6 m³ and 64 kg of garbage per hour.

.14 Contingency plans for drinking water and wastewater

Should quality testing results indicate that drinking water does not meet the Canadian Drinking Water Quality Guidelines or should access to water source limit the water

supply, QC will consider collecting iceberg and adapting the camp water tank for snow melting. Should one of the two sewage lagoon fails, wastewater will be pumped in the second lagoon.

.15 Total estimated number of person days for the project

We calculated that about 6000 person days will be required to complete the project during the 2006 and 2007 summer seasons.

.16 Access road upgrade and maintenance plan

You will find attached said plan revised as per you comments

We hope the above information satisfies your requests.



Philippe Simon, P.Eng., Ph.D.
Qikiqtaaluk Environmental Inc.

cc.: Brian McLeod, President, Qikiqtaaluk Corporation
Harry Flaherty, Director, Environmental Services, QC

Attachment List of Subcontractors (1p)
Drawing of site features (1p)
MSDS for DIPSOL and SUPREX (6p)
Drawings of wastewater treatment lagoons (1p)
Revised Access Road Upgrade and Maintenance Plan (10p)