


CERTIFICATE OF APPROVAL
INDUSTRIAL SEWAGE WORKS
 NUMBER 4757-7Q3NVN
 Issue Date: March 27, 2009

Urkada Technology Ltd.
 1010 Polyteck St, No. Unit 6
 Gloucester, Ontario
 K1J 9H8

Site Location: 560 Lacolle Way
 City of Ottawa

You have applied in accordance with Section 53 of the Ontario Water Resources Act for approval of:

the establishment of stormwater management *Works* for the collection, transmission, treatment and disposal of stormwater runoff from a catchment area of 0.58 hectares, to provide Enhanced Level water quality protection and to attenuate post-development peak flows to pre-development levels, discharging to the Lacolle Way storm sewer, for all storm events up to and including the 5 year return storm, consisting of the following:

Stormwater Management System

a stormwater management system to service the Urkkada Technology Limited site, located at 560 Lacolle Way, Part of Lot 31, Concession 1 in the City of Ottawa, having a maximum discharge flow rate of approximately 0.015 cubic metres per second (m³/s), consisting of :

- one (1) CDS Model PMSU20_15_4m oil/grit separator installed in CBMH#1;
- one (1) 100VHV-1 Hydrovex inlet control device installed in CBMH#1;
- parking lot storage having a design minimum liquid retention volume of 57.2 cubic metres (m³);

including erosion/sedimentation control measures during construction and all other controls and appurtenances essential for the proper operation of the aforementioned *Works*;

all in accordance with the following submitted supporting documents:

1. Application for Approval of Industrial Sewage Works submitted by Ameir Altaee, Ph.D.,
 P. Eng., dated November 7, 2008;
2. Stormwater Management Report Urkkada Office Building, dated October 1, 2008 and revised March 3, 2009, prepared by McIntosh Perry Consulting Engineers Ltd.;
3. Site Grading & Drainage Plan, stamped March 5, 2009, by Kelly Goddard, P. Eng., of McIntosh Perry Consulting Engineers Ltd.;
4. Site Servicing Plan, stamped March 5, 2009, by Kelly Goddard, P. Eng., of McIntosh Perry Consulting Engineers Ltd.;
5. Site Utilities Plan, stamped March 5, 2009, by Kelly Goddard, P. Eng., of McIntosh Perry Consulting

Engineers Ltd.;

6. CDS Average Annual Efficiency for TSS Removal & Total Annual Volume Treated, dated March 5, 2009;

For the purpose of this Certificate of Approval and the terms and conditions specified below, the following definitions apply:

"*Certificate*" means this entire certificate of approval document, issued in accordance with Section 53 of the Ontario Water Resources Act, and includes any schedules;

"*Director*" means any *Ministry* employee appointed by the Minister pursuant to section 5 of the Ontario Water Resources Act;

"*District Manager*" means the District Manager of the Ottawa District Office of the *Ministry*;

"*Ministry*" means the Ontario Ministry of the Environment;

"*Owner*" means Urkkada Technology Ltd. and includes its successors and assignees;

"*Works*" means the sewage works described in the *Owner's* application, this *Certificate* and in the supporting documentation referred to herein, to the extent approved by this *Certificate*.

You are hereby notified that this approval is issued to you subject to the terms and conditions outlined below:

TERMS AND CONDITIONS

1. GENERAL PROVISIONS

(1) Except as otherwise provided by these Conditions, the *Owner* shall design, build, install, operate and maintain the *Works* in accordance with the description given in this *Certificate*, the application for approval of the *Works* and the submitted supporting documents and plans and specifications as listed in this *Certificate*.

(2) Where there is a conflict between a provision of any submitted document referred to in this *Certificate* and the Conditions of this *Certificate*, the Conditions in this *Certificate* shall take precedence, and where there is a conflict between the listed submitted documents, the document bearing the most recent date shall prevail.

(3) Where there is a conflict between the listed submitted documents, and the application, the application shall take precedence unless it is clear that the purpose of the document was to amend the application.

2. EXPIRY OF APPROVAL

The approval issued by this *Certificate* will cease to apply to those parts of the *Works* which have not been constructed within five (5) years of the date of this *Certificate*.

3. CHANGE OF OWNER

The *Owner* shall notify the *District Manager* and the *Director*, in writing, of any of the following changes within thirty (30) days of the change occurring:

(a) change of *Owner*;

(b) change of address of the *Owner*;

(c) change of partners where the *Owner* is or at any time becomes a partnership, and a copy of the most recent declaration filed under the Business Names Act, R.S.O. 1990, c.B17 shall be included in the notification to the *District Manager*; and

(d) change of name of the corporation where the *Owner* is or at any time becomes a corporation, and a copy

of the most current information filed under the Corporations Information Act, R.S.O. 1990, c. C39 shall be included in the notification to the *District Manager*.

4. OPERATION AND MAINTENANCE.

- (1) The *Owner* shall inspect the *Works* at least once a year and, if necessary, clean and maintain the *Works* to prevent the excessive buildup of sediments, oil/grit, and/or vegetation.
- (2) The *Owner* shall design, construct and operate the oil/grit interceptor with the objective that no visible oil sheens occur in the effluent discharged from the oil/grit separator.
- (3) The *Owner* shall carry out and maintain an annual inspection and maintenance program on the operation of the oil/grit separator in accordance with the manufacturer's recommendation.
- (4) After a two (2) year period, the District Manager of the MOE District Office may alter the frequency of inspection of the oil/grit separator if he/she is requested to do so by the *Owner* and considers it acceptable upon review of information submitted in support of the request.
- (5) The *Owner* shall maintain a logbook to record the results of the inspections and any cleaning and maintenance operations undertaken, and shall keep the logbook at 560 Lacolle Way for inspection by the *Ministry*. The logbook shall include the following:
 - (a) the name of the *Works*;
 - (b) the date and results of each inspection, maintenance and cleaning, including an estimate of the quantity of any materials removed; and
 - (c) the date of each spill within the catchment area, including follow-up actions / remedial measures undertaken.

5. RECORD KEEPING

The *Owner* shall retain for a minimum of five (5) years from the date of their creation, all records and information related to or resulting from the operation and maintenance activities required by this *Certificate*.

The reasons for the imposition of these terms and conditions are as follows:

1. Condition 1 is imposed to ensure that the *Works* are built and operated in the manner in which they were described for review and upon which approval was granted. This condition is also included to emphasize the precedence of Conditions in the *Certificate* and the practice that the Approval is based on the most current document, if several conflicting documents are submitted for review.
2. Condition 2 is included to ensure that the *Works* are constructed in a timely manner so that standards applicable at the time of Approval of the *Works* are still applicable at the time of construction, to ensure the ongoing protection of the environment.
3. Condition 3 is included to ensure that the *Ministry* records are kept accurate and current with respect to approved works and to ensure that subsequent owners of the works are made aware of the certificate and continue to operate the works in compliance with it.
4. Condition 4 is included to require that the *Works* be properly operated and maintained such that the environment is protected, and to ensure that the oil/grit interceptor is operated and maintained without any adverse impact on the environment.
5. Condition 5 is included to require that all records are retained for a sufficient time period to adequately evaluate the long-term operation and maintenance of the *Works*.

CONTENT COPY OF ORIGINAL

In accordance with Section 100 of the Ontario Water Resources Act, R.S.O. 1990, Chapter 0.40, as amended, you may by written notice served upon me and the Environmental Review Tribunal within 15 days after receipt of this Notice, require a hearing by the Tribunal. Section 101 of the Ontario Water Resources Act, R.S.O. 1990, Chapter 0.40, provides that the Notice requiring the hearing shall state:

1. The portions of the approval or each term or condition in the approval in respect of which the hearing is required, and;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

The Notice should also include:

3. The name of the appellant;
4. The address of the appellant;
5. The Certificate of Approval number;
6. The date of the Certificate of Approval;
7. The name of the Director;
8. The municipality within which the works are located;

And the Notice should be signed and dated by the appellant.

This Notice must be served upon:

The Secretary*
Environmental Review Tribunal
655 Bay Street, 15th Floor
Toronto, Ontario
M5G 1E5

AND

The Director
Section 53, *Ontario Water Resources Act*
Ministry of the Environment
2 St. Clair Avenue West, Floor 12A
Toronto, Ontario
M4V 1L5

*** Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 314-4600, Fax: (416) 314-4506 or www.ert.gov.on.ca**

The above noted sewage works are approved under Section 53 of the Ontario Water Resources Act.

DATED AT TORONTO this 27th day of March, 2009

Mansoor Mahmood, P.Eng.
Director
Section 53, *Ontario Water Resources Act*

NR/
c: District Manager, MOE Ottawa District Office
Kelly L. Goddard, P.Eng., McIntosh Perry Consulting Engineers Ltd.