



Sustainable Development

Environmental Stewardship Division
Environmental Approvals Branch
123 Main Street, Suite 160, Winnipeg, Manitoba, Canada R3C 1A5
T 204 945-8321 F 204-945-5229
www.gov.mb.ca/conservation/eal

Client File : 5497.00

August 16, 2016

Ms. Marina Neumann
Exner E-Waste Processing Inc.
P.O. Box 323, 11 Woodstalk Way
Elie, MB R0H 0H0

Dear Ms. Neumann:

Re: Exner E-Waste Processing Inc, Morden, MB, Environment Act Licence 2965

The closure and the decommissioning of the electronic waste processing facility, known as Exner E-Waste Processing located at 12159 Road 27 West, near Morden, in the Rural Municipality of Stanley, Manitoba has been completed to the satisfaction of the Department of Sustainable Development.

Therefore, Licence 2965, issued July 14, 2011 to Exner E-Waste Processing Inc. is cancelled.

Yours sincerely,
“original signed by”

Tracey Braun, M.Sc.
Director

c: D. Labossiere/D.Smiley, Environmental Compliance and Enforcement Branch
T. Steele, Licensing Clerk
Public Registry



Conservation

Climate Change and Environmental Protection Division
Environmental Assessment and Licensing Branch
123 Main Street, Suite 160, Winnipeg, Manitoba R3C 1A5
T 204 945-7100 F 204 945-5229
www.gov.mb.ca/conservation/eal

CLIENT FILE NO.: 5497.00

July 14, 2011

Marina Neumann
Exner E-Waste Processing Inc.
12159 Road 27 West
P O Box # 1437
Morden MB R6M 1B3

Dear Ms. Neumann:

Enclosed is **Environment Act Licence No. 2965** dated July 14, 2011 issued in accordance with The Environment Act to **Exner E-Waste Processing Inc.** for the construction and operation of the Development being an electronic waste processing facility located at #12159 Road 27 West, near Morden, in the Rural Municipality of Stanley, Manitoba in accordance with the proposal filed under The Environment Act dated October 2010.

In addition to the enclosed Licence requirements, please be informed that all other applicable federal, provincial and municipal regulations and by-laws must be complied with. A Notice of Alteration must be filed with the Director for approval prior to any alteration to the Development as licensed.

For further information on the administration and application of the Licence, please feel free to contact Adrian Jackson, Environment Engineer at 204-945-7108.

Pursuant to Section 27 of The Environment Act, this licensing decision may be appealed by any person who is affected by the issuance of this Licence to the Minister of Conservation within 30 days of the date of the Licence.

Yours truly,

Tracey Braun, M. Sc.
Director
Environment Act

Enc.

c: Don Labossiere, Director, Environmental Operations
Raymond Reichelt, Environment Officer, Portage la Prairie
Public Registries

NOTE: Confirmation of Receipt of this Licence No. 2965 (*by the Licensee only*) is required by the Director of Environmental Assessment and Licensing. Please acknowledge receipt by signing in the space provided below and faxing a copy (letter only) to the Department by July 28, 2011.

On behalf of Exner E-Waste Processing Inc.

Date

****A COPY OF THE LICENCE MUST BE KEPT ON SITE AT THE DEVELOPMENT AT ALL TIMES****

LICENCE

Licence No. / Licence n°

2965

Issue Date / Date de délivrance

July 14, 2011

In accordance with The Environment Act (C.C.S.M. c. E125) /
Conformément à la Loi sur l'environnement (C.P.L.M. c. E125)

Pursuant to Section 10(1) / Conformément au Paragraphe 10(1)

THIS LICENCE IS ISSUED TO: / CETTE LICENCE EST DONNÉE À:

EXNER E-WASTE PROCESSING INC.; "the Licencee"

for the construction and operation of the Development being an electronic waste processing facility located at #12159 Road 27 West, near Morden, in the Rural Municipality of Stanley, Manitoba in accordance with the proposal filed under The Environment Act dated October 2010, and subject to the following specifications, limits, terms, and conditions.

DEFINITIONS

In this Licence,

"**accredited laboratory**" means an analytical facility accredited by the Standard Council of Canada (SCC), or accredited by another accrediting agency recognized by Manitoba Conservation to be equivalent to the SCC, or be able to demonstrate, upon request, that it has the quality assurance/quality control (QA/QC) procedures in place equivalent to accreditation based on the International Standard ISO/IEC 17025, or otherwise approved by the Director;

"**affected area**" means a geographical area, excluding the property of the Development;

"**approved**" means approved in writing;

"**dangerous goods**" means any product, substance or organism designated in the regulations, or conforming with the criteria set out in the regulations, or in any regulation adopted in accordance with The Dangerous Goods Handling and Transportation Act, and includes hazardous wastes;

"**Director**" means an employee so designated pursuant to The Environment Act;

"**end-of-life electronics**" means unwanted or discarded electronic equipment obligated under the Stewardship Program, that is designated for recycling;

****A COPY OF THIS LICENCE MUST BE KEPT ON SITE AT THE DEVELOPMENT AT ALL TIMES****

"Environment Officer" means an employee so designated pursuant to The Environment Act;

"hazardous waste" means any substance or group of substances so designated by the regulations or conforming to criteria set out in the regulations;

"lab pack" means a container used for transportation of small quantities of compatible wastes as defined in the Environment Canada document "User's Guide to The Preparation and Handling of Labpacks" printed March 1989, catalogue En 40-369/198;

"noise nuisance" means a continuous or repeated noise in an affected area, which is offensive, obnoxious, troublesome, annoying, unpleasant, or disagreeable to a person:

- a) residing in an affected area;
- b) working in an affected area; or
- c) present at a location in an affected area which is normally open to the members of the public;

if the noise

- d) is the subject of at least 5 written complaints, received by the Director within a 90 day period and in a form satisfactory to the Director, from 5 different persons falling within clauses a), b), or c), who do not live in the same household; or
- e) is the subject of at least one written complaint, received by the Director in a form satisfactory to the Director, from a person falling within clauses a), b), or c), and the Director is of the opinion that if the noise had occurred in a more densely populated area there would have been at least 5 written complaints received within a 90 day period from 5 different persons who do not live in the same household;

"odour nuisance" means a continuous or repeated odour, smell or aroma, in an affected area, which is offensive, obnoxious, troublesome, annoying, unpleasant, or disagreeable to a person:

- a) residing in an affected area;
- b) working in an affected area; or
- c) present at a location in an affected area which is normally open to the members of the public;

if the odour, smell or aroma

- d) is the subject of at least 5 written complaints, received by the Director within a 90 day period and in a form satisfactory to the Director, from 5 different persons falling within clauses a), b), or c), who do not live in the same household; or
- e) is the subject of at least one written complaint, received by the Director in a form satisfactory to the Director, from a person falling within clauses a), b), or c), and the Director is of the opinion that if the odour, smell or aroma had occurred in a more densely populated area there would have been at least 5

written complaints received within a 90 day period from 5 different persons who do not live in the same household;

"opacity" means the degree to which emissions reduce the transmission of light and obscure the view of an object in the background;

"operator" means the company or person who is responsible for the day-to-day maintenance and operation of the Development;

"particulate matter" means any finely divided liquid or solid matter other than water droplets;

"particulate residue" means that part or portion of an atmospheric emission which is deposited onto a surface;

"point source" means any point of emission from the facility where contaminants are directed by a stack into the atmosphere;

"sanitary wastes" means human body, toilet, liquid, waterborne culinary, sink or laundry waste;

"Standard Methods for the Examination of Water and Wastewater" means the most recent edition of Standard Methods for the Examination of Water and Wastewater published jointly by the American Public Health Association, the American Waterworks Association and the Water Environment Federation;

"Stewardship Program" means the organization that operates the provincial end-of-life electronics program and utilizes the Recycler Qualification Program to audit and assess recyclers prior to use;

"stack" means a duct, flue, pipe, chimney, vent, opening or other structure through which contaminants are emitted to the atmosphere;

"waste(s)" means any matter, substance, or emission which is or has been created or emitted by the transportation, storage, treatment or handling of any product whatsoever and which is or should be intended for discard or disposal; and

"wastewater" means any liquid containing a pollutant as defined in The Manitoba Environment Act, associated with or resulting from the facility which is discharged into the environment.

GENERAL TERMS AND CONDITIONS

This Section of the Licence contains requirements intended to provide guidance to the Licencee in implementing practices to ensure that the environment is maintained in such a manner as to sustain a high quality of life, including social and economic development, recreation and leisure for present and future Manitobans.

1. The Licencee shall, in addition to any of the following specifications, limits, terms and conditions specified in this Licence, upon the request of the Director:
 - a) sample, monitor, analyze or investigate specific areas of concern regarding any seepage and discharge rates and for such duration and frequencies as may be specified;
 - b) determine the environmental impact associated with the release of any pollutant from the Development; or
 - c) provide the Director within such time as may be specified, with such reports, drawings, specifications, analytical data, flow rate measurements, corrective actions and such other information as may from time to time be requested.
2. The Licencee shall, unless otherwise specified in this Licence:
 - a) carry out all preservations and analyses on liquid samples in accordance with the methods prescribed in "Standard Methods for the Examination of Water and Wastewater" or in accordance with an equivalent analytical methodology approved by the Director;
 - b) certify that all analytical determinations are undertaken by an accredited laboratory; and
 - c) report the results to the Director, in writing or in a format acceptable to the Director, within 60 days of the samples being taken, or within another time frame as specified by the Director.
3. The Licencee shall carry out, as deemed necessary by the Director, any remedial measures or modifications in respect to matters authorized under this Licence.
4. The Licencee shall develop, maintain and provide to all employees a written policy detailing the organizations' commitment to regulatory compliance.
5. The Licencee shall maintain a process to track and report the quantity of materials received, processed and shipped.
6. The Licencee shall not stockpile or otherwise store materials in excess of 200 tonnes without an approved downstream market for the material.
7. The Licencee shall only carry out material processing indoors and shall store all electronic wastes indoors or in locked and enclosed containers or trailers if stored outside.

8. The Licencee shall manage all solid wastes generated at the facility such that all garbage, solid waste, bulky metallic waste and industrial waste as defined in Manitoba Regulation 150/91, as amended from time to time, shall be disposed of in a waste disposal ground operating under the authority of a permit issued pursuant to the Manitoba Regulation 150/91 respecting Waste Disposal Grounds or any future amendment thereof, or a Licence issued pursuant to The Environment Act. Any other solid waste to be disposed of off-site, must be disposed of in a manner approved in writing by the Director.
9. The Licencee shall inform the Director and obtain written approval, prior to sending any plastic wastes for disposal by landfill or incineration.
10. The Licencee shall maintain a high standard of equipment maintenance and good housekeeping and operational practices with respect to the Development, at all times.
11. The Licencee shall, unless otherwise specified by this Licence, retain all records required by this Licence during the full life of operation of the facility, and after closure, for such period of time as may be specified by the Director. Records may be transferred from their original form to other accepted forms for information storage.
12. The Licencee shall retain all waste records for a minimum of 3 years that relate to chain of custody of all end-of-life electronics and materials processed.
13. The Licencee shall submit all information required to be provided to the Director under this Licence, in writing, in such form (including number of copies), and of such content as may be required by the Director, and each submission shall be clearly labelled with the Licence Number and Client File Number associated with this Licence.
14. The Licencee shall notify the Director of any intended alteration of process at the facility, which is likely to cause a significant environmental effect, prior to implementing the alteration.
15. The Licencee shall provide notice to the Director and to the Stewardship Program of any changes in name or ownership of the organization.

SPECIFICATIONS, LIMITS, TERMS, AND CONDITIONS

Respecting Storage of Materials

16. The Licencee shall provide to the Director a plan to identify substances of concern including hazardous waste and to maintain a current inventory with storage limits,

noting both the maximum acceptable stored quantity and the maximum permitted length of time in storage for substances of concern, including hazardous wastes.

17. The Licencee shall, prior to shipment, only store materials within established and appropriate storage limits, including quantity of material and length of time in storage in accordance with the plan as approved pursuant to Clause 16.
18. The Licencee shall not store hazardous waste at the Development except as described in the plan approved pursuant to Clause 16 of this Licence, unless otherwise approved by the Director.
19. The Licencee shall not store hazardous waste at the Development for a period exceeding 90 days from the date of receipt or generation of the hazardous waste, except for lab packs, and partially filled drums where the 90 day period will commence on the date the lab pack, or drum is filled.
20. The Licencee shall provide to the Director a quarterly report concerning types and volumes of hazardous wastes stored at the Development.

Respecting Spills and Emergencies

21. The Licencee shall maintain a documented process to conduct a risk assessment to determine what monitoring is required and to identify and assess potential environmental impacts of the operations with respect to the following:
 - a) a process to assess risk of identified hazards;
 - b) monitoring and tracking of facility emissions, effluent or wastes;
 - c) facility-wide air sampling and analysis for airborne contaminants such as metal content and dusts; and
 - d) surface sampling for contaminants.
22. The Licencee shall carry out the risk assessment in accordance with the process as approved pursuant to Clause 21.
23. The Licencee shall provide to the Director for approval a written policy relating to reporting of spills, fires or other incidents that could result in releases to the environment.
24. The Licencee shall identify potential emergency situations with respect to spills, fires, equipment failure and other emergencies.
25. The Licencee shall provide employees, the local fire department and the Director a list of emergency contacts with telephone numbers.

26. The Licencee shall provide a readily available supply of spill clean up materials
27. The Licencee shall provide to the Director a procedures document that identifies emergency response actions required for the various possible emergencies and shall test these responses on an annual basis, generating a report for the Director for each test of the procedures
28. The Licencee shall maintain adequate fire suppression equipment for the type and size of the development.

Respecting Training and Security

29. The Licencee shall provide to the Director, for approval, a training plan with respect to:
 - a) Safe material handling and storage practices;
 - b) Spill prevention; and
 - c) Emergency response.
30. The Licencee shall maintain effective procedures and security measures to prevent unauthorized access to the Development.
31. The Licencee shall provide specific training for employees in the Transportation of Dangerous Goods Regulations.

Respecting Air Emissions

32. The Licencee shall not emit from the facility:
 - a) particulate matter in any air emission that:
 - i) exceeds 0.23 grams per dry standard cubic metre calculated at 25 degrees Celsius and 760 millimetres of mercury, corrected to 12 percent carbon dioxide for processes involving combustion, from any point source of the facility;
 - ii) exhibits a visible plume with an opacity of greater than 5 percent at any point beyond the property line of the facility; or
 - iii) results in the deposition of visible particulate residue at any time beyond the property line of the facility; or
 - b) particulate matter from any point source with an opacity that equals or exceeds:
 - i) 20 percent as the average of any 24 consecutive opacity observations taken at 15 second intervals;
 - ii) 20 percent for more than 16 individual opacity observations within any 1 hour period; or
 - iii) 40 percent for any individual opacity observation.

33. The Licencee shall not emit particulate matter from the Development such that particulate matter:
 - a) exhibits a visible plume with an opacity of greater than 5 percent at any point beyond the property line of the Development; or
 - b) results in the deposition of visible particulate residue at any time beyond the property line of the Development.
34. The Licencee shall not cause or permit a noise nuisance to be created as a result of the construction, operation, or alteration of the Development, and shall take such steps as the Director may require to eliminate or mitigate a noise nuisance.
35. The Licencee shall not cause or permit an odour nuisance to be created as a result of the construction, operation or alteration of the Development, and shall take such steps as the Director may require to eliminate or mitigate an odour nuisance.
36. The Licencee shall implement and maintain environmental controls to prevent releases to the environment as follows:
 - a) Identifying controls for materials that may be processed mechanically
 - b) Documenting procedures for the manual removal of materials prior to mechanical processing, such as mercury containing lamps and batteries; and
 - c) Documenting procedures for the safe handling of hazardous materials and wastes;
37. The Licencee shall maintain a mechanical air handling system with appropriate controls for fire suppression to collect airborne particulate from automated shredding, grinding and other mechanical processing equipment that generates gases, dust or particulates.
38. The Licencee shall maintain a process for the safe removal and replacement of filters from processing equipment ventilation systems to prevent the release of particulates.
39. The Licencee shall only process mercury containing lamps using a mechanical process that dismantles and separates the lamp materials. Manual separation of mercury lamps is not permitted.
40. The Licencee shall only process batteries using a mechanical process that dismantles and separates the battery materials. Manual separation of batteries is not permitted.

Respecting Wastewater Emissions

41. The Licencee shall not discharge wastewater other than sanitary wastes beyond the boundaries of the facility unless written approval for discharge is received from the Director.
42. The Licencee shall direct all sanitary wastes to the local sewer.

Monitoring and Reporting

43. The Licencee shall submit to the Director for approval, within 30 days of the date of this Licence, a monitoring program for the Development. The monitoring program shall address types of monitoring to be carried out including frequency of monitoring.
44. The Licencee shall develop a contingency plan to be implemented in the event that a monitoring program identifies any pollutant in air or ground water, as a result of the operation of the Development, in excess of background levels. The plan shall be submitted to the Director for approval within 60 days of the date of this Licence.
45. The Licencee shall immediately report to the assigned Environment Officer all incidents requiring contingency plan action regarding air or surface water pollution.
46. The Licencee shall provide a report to the assigned Environment Officer, within 7 days, indicating the nature of the incident, the substances involved, the area affected, action taken and follow up action proposed to be taken with respect to the incident that was reported pursuant to Clause 45 of this Licence.
47. The Licencee shall inform the assigned Environment Officer whenever an odour complaint is received and provide to the Environment Officer a report on the incident, including information on what action was taken to resolve the concerns.
48. The Licencee shall inform the assigned Environment Officer whenever a noise complaint is received and provide to the Environment Officer a report on the incident, including information on what action was taken to resolve the concerns.
49. The Licencee shall keep for inspection, records of all monitoring at the Development, at the Development site office.
50. The Licencee shall, at such times, for such duration, for such pollutants and at such locations as may be requested by the Director:
 - a) arrange to have a qualified person(s) undertake source tests and/or special studies to determine the ambient air quality beyond the property line of the Development, in a manner satisfactory to the Director, and including an interpretation of the results relative to the limits of Clause 32 and 33 of this Licence; and
 - b) submit a report on the test results and all related data, including the interpretation, to the Director within 90 days after completion of the test or study.

Annual Report

51. The Licencee shall, unless otherwise approved by the Director, on or before the 15th day of April of each year starting in 2012, submit to the Director an annual report with respect to all activities at the Development conducted pursuant to this Licence during the previous calendar year. The format of the report shall be approved by the Director and contain, as a minimum, the following information:

- a) the amounts (weight or volume) and types of e wastes received at the Development and a summary of the processes used to treat the wastes;
- b) a summary of all citizen complaints concerning dust, noise and odour from the Development together with a report on each incident that includes information on what actions were taken to resolve the concerns;
- c) summary reports and details of all incidents that required implementation of the contingency plan;

Financial Assurance/Insurance

52. The Licencee shall within 60 days of the date of this Licence, provide to the Director confirmation of the following financial insurance coverage:

Environmental Impairment Liability insurance providing coverage subject to a minimum limit of \$2.0 million per occurrence or claim, including coverage for gradual, and sudden and accidental pollution. Coverage to include on-site and off-site clean up costs, and be placed with insurers satisfactory to the Province of Manitoba. The Province of Manitoba shall be added as an Additional Insured on the policy. The policy shall contain a clause stating that the Insurer will give Manitoba 30 days prior written notice in case of significant reduction in coverage or policy cancellation.

53. The Licencee shall, within 60 days of the date of this Licence, post a permit bond issued by a surety company licenced to carry on business in Manitoba, irrevocable letter of credit, or other security with the Manitoba Department of Conservation, to the satisfaction of the Director, in the amount of \$200,000. This security and renewals thereof shall remain in place for the duration of the Development. The Director may order forfeiture of the security, either in whole or in part, by giving written notice to that effect to the Licencee, upon the Director being satisfied that the Licencee is in breach of any term of this Licence, or for reimbursement of any costs or expenses incurred by the Province in rectifying environmental damage caused or contributed to by the Development.

54. The Licencee shall provide satisfactory written evidence of the financial assurance/insurance coverages described in Clauses 52 and 53 of this Licence, on an annual basis.

55. The Licencee shall maintain evidence of the transporter's insurance coverage.

Contingency/Emergency Response Plans


56. The Licencee shall submit, within 60 days of the date of issuance of this Licence, for the approval of the Director, a contingency plan relating to emergency planning and response at the Development such that;
- a) the plan is developed and maintained in accordance with the Industrial Emergency Response Planning Guide (MIAC September, 1996) or other equivalent standard approved by the Director;
 - b) the plan covers emergencies such as fire, spills and security ; and
 - c) the plan covers situations where the licensee is unable to process materials and/or ship wastes to an approved downstream recycler.
57. The Licencee shall keep for inspection, by an Environment Officer, records of the details of all incidents requiring the implementation of the contingency action plan of the Development, at the Development site office.

Closure and Post Closure

58. The Licencee shall submit, within sixty days of the date of issuance of this Licence, for the approval of the Director, a Closure and Post Closure Plan for the Development. The plan shall address the closure of the existing electronic waste processing facility and shall include, but not be limited to, information with respect to the following:
- a) the financial requirements upon closure of the Development to remove, transport and process all materials at the Development and also provides the financial mechanism to make required funds available;
 - b) removal of all ancillary equipment associated with the Development; and
 - c) restoration of the site to the satisfaction of the Director.
59. The Licencee shall submit to the Director, for approval, one year in advance of the projected date for commencing the decommissioning of the facility or when it becomes evident that the closure of the facility is imminent, a detailed Closure Plan outlining the measures proposed to address environmental and health issues which might arise in the course of, and subsequent to, the decommissioning of the said station, and implement the approved Closure Plan in accordance with a time frame satisfactory to the Director.
60. The Licencee shall implement and maintain the approved Closure and Post Closure Plan for the Development as approved by the Director.

REVOCATION

- A. If, in the opinion of the Director, the Licencee has exceeded or is exceeding or has failed or is failing to meet the specifications, limits, terms, or conditions set out in this Licence, the Director may, temporarily or permanently, revoke this Licence.
- B. If, in the opinion of the Director, new evidence warrants a change in the specifications, limits, terms or conditions of this Licence, the Director may require the filing of a new proposal pursuant to Section 10 of The Environment Act.
- C. If the Development is not constructed and set into operation within 3 years of the issuance of this Licence, the Director may revoke this Licence.



Tracey Braun, M. Sc.
Director
Environment Act

Client File No.: 5497.00

DRAFT