



## AMENDING APPROVAL

### PROVINCE OF ALBERTA

#### ***ENVIRONMENTAL PROTECTION AND ENHANCEMENT ACT*** **S.A. 1992, c.E-13.3, as amended.**

APPROVAL NO. ..... 134-03-01

APPLICATION NO. .... 010-134

EFFECTIVE DATE: ..... May , 2001

EXPIRY DATE: ..... July 31, 2009

APPROVAL HOLDER ..... Custom Environmental Services Ltd.  
..... 7722 – 9 Street  
..... Edmonton, Alberta  
..... T6P 1L6  
.....

Pursuant to Division 2, of Part 2, of the *Environmental Protection and Enhancement Act*, S.A. 1992, c.E-13.3, as amended, the approval for the following activity:

Construction, Operation and Reclamation of a hazardous waste storage and hazardous recyclable storage and processing facility

is amended as per the attached terms and conditions.

Designated Director under the Act .....

Date Signed ..... May , 2001

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**TERMS AND CONDITIONS ATTACHED TO APPROVAL**

Environmental Protection and Enhancement Act Approval No. 134-03-00 is hereby amended as follows:

1. The following is added after Subsection 1.1.2(u):
  - 1.1.2 (u.1) "VOCs" means volatile organic compounds;
2. PART 3: CONSTRUCTION is amended by adding the following:

**PART 3: CONSTRUCTION**

**SECTION 3.1: GENERAL**

- 3.1.1 The approval holder shall install the *BioAIR VENT<sup>10A</sup>* biofilter system as described in the application.
3. The following is added after subsection 4.2.3:
  - 4.2.3.1 The approval holder shall not operate the process equipment unless and until the pollution abatement equipment associated with the process equipment is operational.
4. The following is added after subsection 4.2.4:
  - 4.2.5 The approval holder shall monitor as required in TABLE 4.2-A:
  - 4.2.6 The approval holder shall report as required in TABLE 4.2-A.

**TABLE 4.2-A: SOURCE MONITORING AND REPORTING**

EFFLUENT STREAM/EMISSION SOURCE	PARAMETER	FREQUENCY	METHOD OF MONITORING	SAMPLE LOCATION	REPORTING FREQUENCY			REPORT TO
					MONTHLY	ANNUALLY	SPECIAL	
Biofilter stack	VOC's	Once within six months of effective date of this amendment and annually thereafter	G.C. Analysis	Biofilter Stack			By the end of the month after the month in which the analysis was performed	Director
Biofilter stack	VOC's	Daily	Photo-ionization detector #PGM-76	As per manufacturer's recommendations	3			

- 4.2.7 The approval holder shall calculate the VOC percent removal efficiency of the biofilter daily by sampling and analyzing the inlet and outlet vapor streams of the unit.

## **TERMS AND CONDITIONS ATTACHED TO APPROVAL**

- 4.2.8 The approval holder shall report the VOC removal efficiencies as required in 4.2.7 in the monthly report referred to in 4.3.33.
- 4.2.9 The biofilter shall be operated to achieve a minimum VOC removal rate of 95% at all times.
5. Subsection 4.3.20 is repealed and replaced with the following:
- 4.3.20 Processing of hazardous recyclables, except as described below, is prohibited:
- (a) commingling of materials to make maximum use of available container or tank capacity provided the resultant mixture has the same hazard class as any one of the individual components;
  - (b) phase separation of materials by gravity settling;
  - (c) dispersion of solids into liquids by natural or mechanical means provided the resultant mixture has the same hazard class as the original liquid;
  - (d) physical separation of hazardous from non-hazardous articles or components from the same container by non-mechanical means;
  - (e) crushing of filters for volume reduction and liquid recovery;
  - (f) washing of drums and other objects with the purpose of removing hazardous residue;
  - (g) operation of the biofilter for the processing of aerosol cans that contained paints and paint related products and other materials as authorized in writing by the Director, except for aerosols that contain:
    - (i) ozone depleting substances as defined in Schedule I of the Ozone Depleting Regulation under the Environmental Protection and Enhancement Act;
    - (ii) PCB materials in any concentrations; and
    - (iii) halogenated substances of any kind;
  - (h) any other process authorized, in writing, by the Director.

## **TERMS AND CONDITIONS ATTACHED TO APPROVAL**

6. Subsection 4.3.23 is repealed and replaced with the following:

4.3.23 The following information shall be recorded:

- (a) the number of containers and hazard class of each container received and shipped during each day;
- (b) volumetric amount and hazard class of all hazardous waste and hazardous recyclables received and shipped during each day;
- (c) the weight of all PCB containing ballasts received at and recycled at the plant and the weight of the PCB waste and reusable metal generated by ballast recycling operations;
- (d) an end of day total of all containers stored at the plant; and
- (e) The types and number of aerosol cans processed during each day

7. The following is added after 4.3.38:

4.3.39 The approval holder shall submit a monthly tracking report to the Director before the 10<sup>th</sup> of each month for the imported international hazardous waste received in the previous month according to "The Monthly Tracking Report on Imported Hazardous Waste" Table.

4.3.40 The approval holder shall submit a summary and evaluation report containing information related to the biofilter operation, the performance of the air pollution equipment and air contaminant emissions to the Director within six months of its installation.

8. The Monthly Waste Inventory Report is repealed and replaced with the attached.

DATED May, 2001

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DESIGNATED DIRECTOR UNDER THE ACT

# MONTHLY WASTE INVENTORY REPORT

COMPANY NAME: Custom Environmental Services Ltd.

APPROVAL NO: 134-03-00

REPORT PERIOD: MONTH: \_\_\_\_\_

YEAR: \_\_\_\_\_

CLASS	UNIT (KG OR L)	OPENING BALANCE	RECEIVED IN PROVINCE	RECEIVED OUT OF PROVINCE	RECEIVED OUT OF COUNTRY	SHIPPED*		ON-SITE DISPOSAL	+ OR - ADJUSTMENT**	CLOSING BALANCE	APPROVAL LIMIT
						RECYCLING/ PRODUCT	OFF-SITE DISPOSAL				
2											
3											
4											
5											
6.1											
8											
9.1											
9.2											
9.3											
PCB											
NR											
TOTAL						No. of Containers On site					1204
						Total Litres in Bulk Tanks					86400

\* Provide a list of the recycling and disposal locations

\*\* Identify the amount and reason for each adjustment.  
Adjustments include consolidation/reclassification, losses to processing, spills, volume miscalculations, or any other circumstances which would affect the mass balance of the monthly inventory report.

