

**AUTHORIZATION TO DISCHARGE UNDER THE  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM**

In compliance with the provisions of the federal Clean Water Act, as amended, 33 U.S.C. §§1251 et seq., and the Massachusetts Clean Waters Act, as amended, Mass. Gen. Laws. ch. 21, §§26-53, the

**Cornell-Dubilier Electronics Corporation**

is authorized to discharge from the facility located at

**1605 East Rodney French Blvd.  
New Bedford, MA 02744**

to

**Outer New Bedford Harbor (MA95-63)**

in accordance with effluent limitations, monitoring requirements and other conditions set forth herein.

This permit shall become effective on **(See \*\* below)**

This permit and the authorization to discharge expire (5) years from the effective date.

This permit supersedes the permit issued on December 28, 2000.

This permit consists of 6 pages in Part I including effluent limitations, monitoring requirements, etc., and 25 pages in Part II including General Conditions and Definitions.

Signed this day of

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Stephen S. Perkins, Director  
Office of Ecosystem Protection  
Environmental Protection Agency  
Region I, Boston, MA

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Glenn Haas, Director,  
Division of Watershed Management  
Department of Environmental Protection  
Commonwealth of Massachusetts, Boston, MA

\*\* This permit will become effective on the date of signature if no comments are received during public notice. If comments are received during public notice, this permit will become effective on the first day of the calendar month immediately following 60 days after signature.

**PART I****A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS**

1. During the period beginning the effective date and lasting through the expiration date, the permittee is authorized to discharge storm water from outfall serial number 002. (See Part I.A.3. for sampling location). Discharge shall be limited and monitored by the permittee as specified below.

<b>Effluent Characteristic</b>	<b>Units</b>	<b>Monthly Average</b>	<b>Daily Maximum</b>	<b>Measurement Frequency</b>	<b>Sample Type</b>
Flow	MGD	----	Report	1/Quarter	Estimate <sup>1</sup>
Oil & Grease	mg/L	----	15	1/Quarter	Grab <sup>2</sup>
PCBs <sup>3</sup>	mg/L	----	Report	1/Quarter	Grab <sup>2</sup>

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<sup>1</sup> Estimate and report total daily flow on the day that sampling takes place each quarter.

<sup>2</sup> Monitoring for grab samples will be done in accordance with the following protocol :

- i. Sampling shall be conducted during significant storm events (greater than 0.1 inches total precipitation). A single sample shall be taken during the storm event from the sample point.
- ii. Each sample will be taken within the first hour of the start of the storm event, or when the discharge begins, if a discharge has not occurred during the first hour of the storm.
- iii. If there are no significant storms within the reporting period, and subsequently no discharge, the permittee is not required to sample, but shall report on its discharge monitoring report that no discharges occurred during the reporting period.

<sup>3</sup> The low detection limit protocol must measure total PCBs either by summing all the individual congener concentrations or summing the homologue group concentrations. Modified Method 1668 (WHO congeners plus homologue groups) or Method 1668 Revision A (total/full individual congener analysis) are appropriate. Other laboratory validated methods, total/full congener, or total homologue group methods that quantify total PCBs below 0.1  $\mu\text{g/L}$  either by High Resolution Gas Chromatography (HRGC)/ECD or HRGC/Low Resolution Mass Spectroscopy (LRMS) may be used as long as documented evidence is shown that all relevant quality control criteria for the method are established and documented in a Standard Operating Procedure (SOP).

**PART I.A. (Cont.)**

2. The discharge shall not cause objectionable color, odor or turbidity to the receiving waters.
3. The effluent shall contain neither visible oil sheen, foam, nor floating solids at any time.
4. Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location:
  - catch basin located at center of parking lot between Annex and Building D.
5. The discharge shall not jeopardize any Class SA use of the receiving water and shall not violate applicable water quality standards.
6. All existing manufacturing, commercial, mining, and silvicultural dischargers must notify the Director as soon as they know or have reason to believe:
  - a. That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, of any toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":
    - i. One hundred micrograms per liter (100 µg/l);
    - ii. Two hundred micrograms per liter (200 µg/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 µg/l) for 2,4-dinitrophenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter (1 mg/l) for antimony;
    - iii. Five (5) time the maximum concentration value reported for that pollutant in the permit application in accordance with 40 C.F.R. §122.21(g)(7);or
    - iv. Any other notification level established by the Director in accordance with 40 C.F. R. §122.44(f).
  - b. That any activity has occurred or will occur which would result in the discharge, on a non-routine or infrequent basis, of any toxic pollutant which isn't limited in the permit, if that discharge will exceed the highest of the following "notification levels":
    - i. Five hundred micrograms per liter (500 µg/l);
    - ii. One milligram per liter (1 mg/l) for antimony;
    - iii. Ten (10) times the maximum concentration value reported for that pollutant in the permit application in accordance with 40 C.F.R. §122.21(g)(7);or
    - iv. Any other notification level established by the Director in accordance with 40 C.F.R. §122.44(f).
  - c. That they have begun or expect to begin to use or manufacture as an intermediate or final product or by product any toxic pollutant which was not reported in the permit application.

**B. STORM WATER POLLUTION PREVENTION PLAN (SWPPP)**

1. The permittee shall develop, implement, and maintain a Storm Water Pollution Prevention Plan (SWPPP) designed to reduce, or prevent, the discharge of pollutants in storm water to the receiving waters identified in this permit. The SWPPP shall be a written document and consistent with the terms of this permit. The permittee shall comply with the terms of its SWPPP.
2. The SWPPP shall be completed or updated and signed by the Permittee within 90 days after the effective date of this Permit. The Permittee shall certify that the SWPPP has been completed or updated and that it meets the requirements of the permit. The certification shall be signed in accordance with the requirements identified in 40 CFR §122.22. A copy of this initial certification shall be sent to EPA and MassDEP within one hundred and twenty (120) days of the effective date of the Permit.
3. The SWPPP shall include best management practices (BMPs) for on-site activities that will minimize the discharge of pollutants in storm water to waters of the United States.
4. The SWPPP shall be prepared in accordance with good engineering practices, identify potential sources of pollution that may reasonably be expected to affect the quality of the storm water discharges, and describe and ensure implementation of practices which will be used to reduce the pollutants and assure compliance with this permit. Specifically, the SWPPP shall contain the elements listed below:
  - a. A pollution prevention team responsible for developing, implementing, maintaining, revising and ensuring compliance with the SWPPP.
  - b. A site description which includes a list of activities at the facility; a site map showing drainage areas and direction of storm water flows; receiving waters and outfall location; the location of industrial activities, storage, disposal, material handling; and all structural controls.
  - c. A summary of all pollutant sources which includes all areas where spills have occurred or could occur. For each source, identify the expected drainage and the corresponding pollutant.
  - d. A summary of any existing storm water discharge sampling data.
  - e. A description of all storm water controls, both structural and non-structural. BMPs must include good housekeeping measures, preventative maintenance programs, spill prevention and response procedures, runoff management practices, and proper handling of salt or materials containing salt that are used for deicing activities. The SWPPP shall describe how the BMPs are appropriate for the facility. All BMPs shall be properly maintained and be in effective operating conditions.
  - f. Operation and Maintenance of the Cap – The SWPPP shall include requirements for the operation and maintenance of the stone dust/asphalt cap covering PCB contaminated soils in the facility parking lot. At a minimum, these requirements shall include the following.
    - i. The asphalt pavement shall be inspected at least twice yearly for cracks or signs of deterioration which may cause cap erosion or permeation through

the cap.

- ii. Any identified cracks or signs of deterioration shall be repaired immediately.
- iii. A seal or coating shall be applied over the asphalt Cap or the parking lot shall be repaved with a minimum 3 inches of overlay asphalt at least every 15 years.
- iv. All of the above maintenance activities shall be documented in an asphalt cap operation and maintenance log.

### **C. MONITORING AND REPORTING**

Monitoring results obtained shall be summarized for each quarter and reported on the Discharge Monitoring Report Forms postmarked no later than the 15th day of the month following the completed reporting period.

Original signed of all Discharge Monitoring Reports, and all other reports required herein, shall be submitted to the Director at the following address:

Environmental Protection Agency  
Water Technical Unit (SEW )  
P.O. Box 8127  
Boston, Massachusetts 02114

One signed copies of all monitoring reports and all other reports except toxicity test reports shall be submitted to the State at :

Massachusetts Department of Environmental Protection  
Southeast Regional Office  
20 Riverside Drive  
Lakeville , MA 02347

Signed copies of DMRs required by this permit shall be submitted to the State at:

Massachusetts Department of Environmental Protection  
Division of Watershed Management  
Surface Water Discharge Permit Program  
627 Main Street  
Worcester, Massachusetts 01608

### **D. STATE PERMIT CONDITIONS**

1. This Discharge Permit is issued jointly by the U. S. Environmental Protection Agency and the Massachusetts Department of Environmental Protection under federal and state law, respectively. As such, all the terms and conditions of this permit are hereby incorporated into and constitute a discharge permit issued by the Commissioner, Office of Watershed Management of the Massachusetts Department of Environmental Protection pursuant to M.G.L. Chap. 21, §43.
2. Each Agency shall have the independent right to enforce the terms and conditions of this permit. Any modification, suspension or revocation of this permit shall be effective only with respect to the agency taking such action, and shall not affect the validity or status of

this permit as issued by the other agency, unless and until each agency has concurred in writing with such modification, suspension or revocation. In the event any portion of this permit is declared invalid, illegal or otherwise issued in violation of State law, such permit shall remain in full force and effect under federal law as an NPDES permit issued by the U.S. Environmental Protection Agency. In the event this permit is declared invalid, illegal or otherwise issued in violation of federal law, this permit shall remain in full force and effect under state law as a permit issued by the Commonwealth of Massachusetts.