

**OHIO ENVIRONMENTAL PROTECTION AGENCY  
DIVISION OF ENVIRONMENTAL RESPONSE AND REVITALIZATION  
SUMMARY OF MODIFICATIONS TO HAZARDOUS WASTE  
INSTALLATION AND OPERATION PERMIT**

**Materion Brush, Inc.**

U.S. EPA ID #: OHD 004 212 999

Ohio Permit ID #: 3-62-0042

Modifications of the Hazardous Waste Facility Installation and Operation Permit will authorize Materion Brush, Inc. (Materion) to make the following changes:

**Director Initiated Permit Modification:**

1. Ohio EPA is implementing this Director-Initiated Permit Modification to incorporate Ohio EPA-selected remedies into the permit to address Corrective Action.
2. The Corrective Action Summary in Module E was revised to show additional corrective action activities that have occurred at the facility.
3. After this permit modification, Materion will be required to prepare a CMI Work Plan detailing how these remedies will be implemented for Ohio EPA approval.

The following units require some type of corrective measures. The remedies selected are summarized below. These remedies will be added to Module E. Corrective Action Requirements, Section E.9.(d), Corrective Measures Specific Remedies.

**4. Unit 26, South Hyde Run Ditch**

Corrective measures will involve sampling of soil and sediment prior to or during the CMI design phase to better define the target removal areas. Soil and sediments that exceed screening criteria will be excavated, removed, and disposed of from the targeted hotspot areas. Confirmatory soil and sediment sampling will be performed, and the area restored with clean replacement material. Materion will develop a CMI monitoring plan to demonstrate the effectiveness of the remedy for Unit 26. Ground water will be monitored annually for a period of six years for two specific PCBs and there will be monitoring to ensure the integrity of the remedy. If any additional excavation activities must be performed at the site, a risk management plan (RMP) would have to be developed and approved by Ohio EPA prior to the work being performed.

**5. Unit 38 South, North Hyde Run Ditch South**

Corrective measures will involve sampling of soil and sediment prior to or

during the CMI design phase to better define the target removal areas. Soil and sediments that exceed screening criteria will be excavated, removed and disposed of from the targeted hotspot areas. Confirmatory soil and sediment sampling will be performed, and the area restored with clean replacement material. Materion will develop a CMI monitoring plan to demonstrate the effectiveness of the remedy for Unit 38S. Ground water will be monitored annually for a period of six years for two specific PCBs and there will be monitoring to ensure the integrity of the remedy. If any additional excavation activities must be performed at the site, an RMP would have to be developed and approved by Ohio EPA prior to the work being performed.

#### **6. Unit 38 North, North Hyde Run Ditch North**

Corrective measures will involve sampling of soil and sediment prior to or during the CMI design phase to better define the target removal areas. Soil and sediments that exceed screening criteria will be excavated, removed and disposed of from the targeted hotspot areas. Confirmatory soil and sediment sampling will be performed, and the area restored with clean replacement material. Materion will develop a CMI monitoring plan to demonstrate the effectiveness of the remedy for Unit 38N. A cap and cover design will also be a component of the CMI Workplan. Ground water will be monitored annually for a period of six years for two specific PCBs and there will be monitoring to ensure the integrity of the remedy. If any additional excavation activities must be performed at the site, an RMP would have to be developed and approved by Ohio EPA prior to the work being performed.