



## EPA ANNOUNCES FINAL CLEAN UP PLAN AT THE CPS/MADISON INDUSTRIES SUPERFUND SITE

OLD BRIDGE, NEW JERSEY

OCTOBER 2023



The U.S. Environmental Protection Agency (EPA) has issued a final cleanup plan, documented in a Record of Decision (ROD), for the Madison property of the CPS/Madison Industries Superfund site in Old Bridge, New Jersey.

### The Proposed Plan

EPA has finalized its cleanup plan to remove soil contaminated with [zinc](#), [lead](#), and [cadmium](#) from the Madison property and assess and, if needed, improve existing capped areas of the property. EPA plans to have contaminated soil removed from the unpaved areas of the site. The area will be covered with certified clean fill and the contaminated soil will be moved to a permitted disposal facility off-site. Areas already covered by pavement will be upgraded or maintained because the pavement serves as a cap to keep the contaminated soil in place. The caps will meet requirements set by the New Jersey Department of Environmental Protection (NJDEP).

This final cleanup plan builds on the cleanup plans previously selected for the other areas of the site - the groundwater and soil source area at the CPS property.

This plan also restricts the property to non-residential uses and requires annual inspections to ensure the property continues to be properly maintained.

#### Final Record of Decision

The public can find the final cleanup plan on EPA's website for the CPA/Madison Industries Superfund site. Additional background and site documents including EPA's responses to the public comments that were received can also be found online.

Read the document online at [www.epa.gov/superfund/cps-madison](http://www.epa.gov/superfund/cps-madison)



#### Contaminants

**Zinc** is a naturally occurring element. Exposure to high levels of zinc occurs mostly from eating food, drinking water, or breathing air that is contaminated and can cause stomach cramps, anemia, and changes in cholesterol levels.

**Lead** is a naturally occurring element and has been have been used in a wide variety of products, including paint, ceramics, pipes and plumbing materials, solders, gasoline, batteries, ammunition, and cosmetics. Lead can affect almost every organ and system in your body. Children six years old and younger are most susceptible to the effects of lead.

**Cadmium** is a naturally occurring element. Breathing high levels of cadmium can severely damage the lungs. Eating food or drinking water with very high levels severely irritates the stomach, leading to vomiting and diarrhea.

## Site Background

The 35-acre CPS/Madison Industries site is located in Old Bridge, New Jersey and includes two manufacturing facilities, the CPS Chemical plant and the Madison Industries facility. The first plant, CPS Chemical, began operating in the 1960s. It was bought by Ciba Specialty Chemicals (Ciba) in 1998, which operated the plant until 2001. The plant processed, treated, and stored organic chemicals used in the production of water treatment agents, lubricants, oil field chemicals, and anti-corrosive agents. The Badische Anilin und Soda Fabrik (BASF) Corporation acquired the property from Ciba in 2009 and took over responsibility for investigating and cleaning up the site.

The second manufacturing facility, Madison Industries, currently operates at the site producing zinc-based compounds for fertilizers, pharmaceuticals, and food additives. Old Bridge Chemical Inc., Madison's sister company, produces copper-based compounds used in fertilizers and food additives at this second facility.

In the past, operators improperly handled and disposed of hazardous substances at the site leading to improper discharges into the public sewer system, surface water, soil, and groundwater. In the early 1970s, Perth Amboy closed thirty-two municipal wells due to contamination from the site. EPA placed the site on the Superfund National Priorities List in 1983 and was given the lead role in overseeing cleanup in 2003.



## Information Repositories

Copies of cleanup documents for CPS/Madison Industries Superfund site are available at:

**Old Bridge Public Library**  
1 Old Bridge Plaza  
Old Bridge, New Jersey 08857  
[oldbridgelibrary.org](http://oldbridgelibrary.org)

## THE SUPERFUND REMEDIAL PROCESS

### ASSESSMENT



**Discovery of Contamination**



**Preliminary Assessment**



**Site Inspection**



**National Priorities List (NPL)  
Site Listing**

### CHARACTERIZATION



**Remedial Investigation/  
Feasibility Study &  
Proposed Plan**

### SELECTION OF REMEDY



**Record of Decision**

### CLEANUP



**Remedial Design**



**Remedial Action**

### POST-CONSTRUCTION



**Operation and  
Maintenance**



**NPL Deletion**

*Community involvement and planning for a site's redevelopment are integral to the entire process*

**Five-Year Reviews**



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### EPA Contact Information

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[www.epa.gov/superfund/cps-madison](http://www.epa.gov/superfund/cps-madison)

[www.facebook.com/eparegion2/](https://www.facebook.com/eparegion2/)

<https://twitter.com/EPAregion2>

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