

## EPA Superfund Program: BRUNSWICK WOOD PRESERVING, BRUNSWICK, GA

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Where is this site?

The Brunswick Wood Preserving site includes the area where a wood treating facility operated from 1958 until 1991. The EPA placed the site on the National Priorities List (NPL) in 1994 because of contaminated ground water, soil and sediment resulting from facility operations. The EPA and the Georgia Environmental Protection Division (Georgia EPD) have investigated site conditions and taken steps to clean up the site in order to protect people and the environment from contamination.



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### TOPICS IN FOCUS

EPA OSC.net: [http://www.epaosc.org/site/site\\_profile.aspx?site\\_id=1907](http://www.epaosc.org/site/site_profile.aspx?site_id=1907)

### SITE VIDEO



### SITE SCHEDULE

Cleanup Areas (Operable Units)	Removal *	Study and Remedy Selection	Remedy Design	Remedy Construction	Post-Construction
OU 2		09/27/2012			
OU 1		06/19/2002	11/10/2004	07/19/2012	

### SITE STATUS SUMMARY

Human Exposure	Groundwater	Protectiveness	Five-Year Review
<a href="#">Current human exposure is under control</a>	<a href="#">Contaminated ground water migration is not under control</a>	<b>STP</b>	<a href="#">This site is currently in 5-Year Review</a>

### Stay Updated

#### More Site News:

- Region 4 News Room  
<http://www.epa.gov/region4/newsevents/index.html>

#### [More Regional News](#)

#### Public Participation Opportunities:

- There are no meetings or comment periods scheduled at this time.

### Site Facts

#### Street Address:

PERRY LANE ROAD,  
BRUNSWICK, GA 31520  
**Congressional District:** 01  
**EPA ID:** GAD981024466

**Population** (within 1 mile): 1,001-5,000

[Contaminant Information](#)

### Site Reports and Documents

- No published Administrative Record documents currently available.
- [Additional Reports and Documents](#)

### National Cleanup Information

[There are 1755 NPL sites in the United States.](#)

- [EPA Superfund Program](#)
- [Site Reuse with Brownfields](#)
- [Preventing Superfund with RCRA](#)

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# Site Information for BRUNSWICK WOOD PRESERVING

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## Staying Informed and Involved

The EPA has conducted a range of community involvement activities to solicit community input and to make sure the public remains informed about site activities throughout the cleanup process. Outreach efforts have included regular updates sent to the site mailing list, public notices, information meetings and three videos. Site Repository: Three Rivers Regional Library 208 Gloucester Street Brunswick, GA 31523

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## Are there risks at the site now?

Site investigations found contamination in ground water, soil and sediment that could potentially harm people in the area. Contamination resulted from several activities, including waste handling practices, open dumping into Burnett Creek and accidental spills. In addition, operations sprayed wastes in the air over the wastewater holding ponds to reduce waste volumes. Potential future risks to people and the environment exist due to contamination that has affected ground water, soil, sediment and Burnett Creek. The EPA has conducted sampling of private wells since 1991. To date, the EPA has determined that contamination has not affected private wells.

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## Environmental Justice Grants

The Brunswick Wood Preserving site is not in use.

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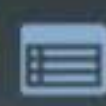
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## Why is EPA involved at this site?

The 84-acre site is located in Brunswick, Glynn County, Georgia. Railroads border the site to the east and west, Perry Lane Road borders the site to the north and residences and wooded areas border the site to the south. Burnett Creek, a tidally influenced stream, is located on the western end of the site. Public and private wells near the site draw water from the deeper aquifer. From 1958 until 1991, a wood treatment facility operated at the site. Operations included the three major types of wood treating: creosote, pentachlorophenol (PCP) and chromium/copper/arsenic (CCA). American Creosote Company constructed the facility between 1958 and 1960 and then sold it shortly afterward. Escambia Treating Company acquired the facility in 1969. Brunswick Wood Preserving Company continued operations until 1991. The Resource Conservation and Recovery Act (RCRA) regulated the site at the time of a major spill of diesel fuel in 1989. In 1991, the State of Georgia completed a RCRA Facility Investigation Report shortly before the facility caught on fire and ceased operations. In 1997, the EPA listed the site on the NPL.

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## What is the current site status?

Monitoring of the remedy and treating of ground water are ongoing. The EPA plans to issue a ROD for OU-2 in 2012.

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## What's being done to protect human health and the environment?

The EPA placed the site on the National Priorities List (NPL) in 1994 because of contaminated ground water, soil and sediment resulting from facility operations. The EPA and the Georgia Environmental Protection Division (Georgia EPD) have investigated site conditions and taken steps to clean up the site in order to protect people and the environment from contamination. The EPA leads site investigation and cleanup activities in cooperation with Georgia EPD. Site investigations and cleanup activities have focused on two areas, which the EPA refers to as operable units, or OUs. These areas include OU-1: contaminated soil, sediment and ground water; and OU2: ecological risks, primarily to Burnett Creek. Between 1991 and 1995, the EPA conducted cleanup activities to address immediate concerns at the site. Cleanup activities included: • Demolishing and removing several structures from the site. • Removing water from sludge on site. • Treating wastewater. • Disposing of wastes off site. • Digging up contaminated soils and storing them in four waste cells on site. During 1996 and 1997, Georgia EPD conducted several cleanup activities, including installing a new railroad spur to facilitate cleanup activities and transporting off-site material from off-site waste cell for disposal. In 2002, the EPA issued a cleanup plan (a Record of Decision, or ROD) for OU-1. In 2007, the EPA began cleanup activities for OU-1. The EPA removed the water, dug up the former waste pond areas and backfilled the areas. The EPA dewatered, dug up and then backfilled the former pond areas. In 2008, the EPA treated contaminated soil and sediment by solidifying it. Following treatment, the EPA placed the soil and sediment under caps on site. In 2009, the EPA completed the construction of the site’s subsurface barrier walls and the cap on the western portion of the site. In 2009, the site received \$8.3 million under the American Recovery and Reinvestment Act. The EPA used the funds to construct the cap on the eastern portion of the site and to conduct additional cleanup activities. The EPA also completed an ecological risk assessment for OU-2. In 2010, the EPA identified additional contamination outside the western barrier wall. The EPA constructed a secondary subsurface barrier wall and a cap on the western portion of the site. In 2011, the EPA issued an Explanation of Significant Differences (ESD) to add a secondary belowground barrier wall and cap to the OU-1 cleanup plan. In 2011, the EPA completed cleanup activities for OU-1, began operation of the ground water treatment system and conducted additional sampling of Burnett Creek sediment and biota for OU-2. By monitoring the site and treating ground water, the EPA and Georgia EPD continue to protect people and the environment from site contamination.

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## Enforcement Information

The EPA has conducted cleanup activities at the site using federal funding, because of the time-critical nature of initial response activities and due to the inability of the company operating the site to finance those activities. The American Recovery and Reinvestment Act has partly funded cleanup activities at the site. The EPA has recovered some past cleanup costs through Administrative Agreements with potentially responsible parties (PRPs). The EPA identified other PRPs, but the liability attributable to each was not sufficient to require those parties to fund the cleanup.

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## Renewable Energy Activity

Between 1991 and 1995, EPA conducted cleanup activities to address immediate concerns at the site. Cleanup activities included: Demolishing and removing several structures from the site. Removing water from sludge on site. Treating wastewater. Disposing of wastes off site. Digging up contaminated soils and storing them in four waste cells on site. EPA OSC.net profile for site: [http://www.epaosc.org/site/site\\_profile.aspx?site\\_id=1907](http://www.epaosc.org/site/site_profile.aspx?site_id=1907)

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