

U.S. Environmental Protection Agency
Rockwell International
Wheel & Trim
Grenada, Mississippi



Information for Workers at Grenada Stamping

Superfund Fact Sheet #10

August 2020

Introduction

On December 29, 2017, under the oversight of the U.S. Environmental Protection Agency, a treatment system to reduce high levels of trichloroethene (TCE) inside the manufacturing building at Grenada Stamping was restarted as a removal action by Meritor, Inc., one of the potentially responsible parties (PRPs) at the Site. Removal actions are short-term responses intended to protect people from current or potential unacceptable health risks associated with contaminated sites. Sampling to date continues to show the system is effective at reducing TCE to below risk levels.

In June 2018, there was an exceedance at one location (B-9), where an extraction pipe became separated and was repaired. As a result, pressure sensors were installed that will detect a line break and send an immediate notice to the operator. Since the system was restarted, all indoor air sampling results have been below the removal management levels (RMLs) for sensitive and non-sensitive populations. RMLs are used by EPA to help determine if any future actions may be needed. A sample result higher than a RML by itself does not imply that adverse health effects will occur. The data shows that the system helps lower the indoor air concentrations inside the facility.

January 2020 and April 2020 Sampling

Indoor air samples are being collected, using Radiello® samplers, at three locations over a specified duration. The three locations include two areas where workers among the sensitive population work (B6 and B9), and an area where workers among the non-sensitive population work (B3). The locations selected are where employees frequently work and where elevated concentrations of TCE were previously detected (before the treatment system was put in place). The results from the January 2020 and April 2020 sampling events are summarized below:

Table 1: TCE Concentrations in Indoor Air - Manufacturing Building

Sample Duration	Sampling Date	RML for Sensitive/ Non-Sensitive Populations	Concentrations Detected		
			B-3	B-6	B-9
28-days	01/02/2020 - 01/30/2020	8.8/26ug/m3	1.0 ug/m3	1.5 ug/m3	0.7 ug/m3
	04/01/2020- 04/29/2020	8.8/26ug/m3	1.1 ug/m3	1.0 ug/m3	1.6 ug/m3

EPA will continue to oversee the treatment system. The effluent (stack) sampling under Superfund has consisted of 78 events spanning from January 17, 2018 through May 7, 2020 and will be continued. Periodic indoor air sampling and sampling of the system is required to ensure the system is performing properly, and that workers and the surrounding community are protected while the system operates.

Background

EPA, in consultation with the Mississippi Department of Environmental Quality, proposed the Rockwell Grenada site to the Superfund National Priorities List (NPL) in January 2018 to comprehensively address contamination at the Grenada Stamping facility and in the surrounding community. The Site was finalized on the NPL September 2018. More information can be found online at the websites listed below.

Worker Health

If you have health questions, please consult your doctor. The Agency for Toxic Substances and Disease Registry (ATSDR) has TCE exposure information available for you and your doctors upon request. The materials explain how you can be exposed to TCE and how it may affect your health. For more information, contact:

Mississippi Poison Control Center: (601) 984-5577 or (800) 222-1222

Leann Bing, ATSDR: (404) 562-1784 or KBing@cdc.gov

Occupational Safety and Health Administration: (601)965-4606 or www.osha.gov/workers/file_complaint.html

Dr. Paul Byers, Mississippi State Department of Health: (601) 576-7725

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CONTACTS

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FOR MORE INFORMATION

Websites

www.epa.gov/superfund/rockwell-intl-wheel
www.epa.gov/grenadacleanup

Information Repository

Elizabeth Jones Library
1050 Fairfield Avenue
Grenada, MS 38902