

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



Information for Workers at Grenada Stamping

Superfund Fact Sheet #8

September 2019

Introduction

On December 29, 2017, a treatment system to reduce high levels of trichloroethene (TCE) inside the manufacturing building at Grenada Stamping was restarted under a U.S. Environmental Protection Agency removal action. 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.

December 2018 through June 2019 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).

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 potential responsible party (PRP). All other indoor air sampling results since the system was restarted 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 show that the system helps lower the indoor air concentrations inside the facility. The results from the December 2018 through June 2019 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	12/11/18-01/08/2019	8.8/26ug/m3	1.7 ug/m3	2.3 ug/m3	1.3 ug/m3
28-days	01/08/19-02/05/2019	8.8/26ug/m3	1.6 ug/m3	2.2 ug/m3	1.4 ug/m3
28-days	04/02/2019-04/30/2019	8.8/26ug/m3	1.3 ug/m3	1.0 ug/m3	0.98 ug/m3
28-days	05/29/2019-06/26/2019	8.8/26ug/m3	1.1 ug/m3	0.36 ug/m3	0.44 ug/m3

EPA will continue to oversee the treatment system. The effluent (stack) sampling under Superfund has consisted of 63 events spanning from January 17, 2018 through July 23, 2019 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 Repositories

Elizabeth Jones Library

1050 Fairfield Avenue

Grenada, MS 38902