

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

**FCE Summary Report**

<b>Facility :</b> CARROLL PRODUCTS, INC.	<b>SRN :</b> N3143
<b>Location :</b> 44056 Phoenix Drive	<b>District :</b> Warren
	<b>County :</b> MACOMB
<b>City :</b> STERLING HTS <b>State:</b> MI <b>Zip Code :</b> 48314	<b>Compliance Status :</b> Compliance
<b>Source Class :</b> SM OPT OUT	<b>Staff :</b> Iranna Konanahalli
<b>FCE Begin Date :</b> 3/16/2021	<b>FCE Completion Date :</b> 3/16/2023
<b>Comments :</b> Carroll is in compliance with PTI 78-01A.	

**List of Partial Compliance Evaluations :**

Activity Date	Activity Type	Compliance Status	Comments
03/07/2023	Other Non ROP	Compliance	October 2022 Emission report - PTI #78-01A CARROLL PRODUCTS, INC. (N3143): VOC emissions are 11.3 tons (22,557 lbs.) per 12-month rolling period for Oct 2022 (PTI No. 78-01A, FG-FLEXO, I.1&2 limits: 28.9 tpy and 15.4 pph VOC). Capture Efficiency of 76.4 percent (CE = 76.4% > 70%, PTI No. 78-01A, FG-FLEXO, IV.1&2) and Destruction Efficiency of 98.9 percent (DE = 98.9% > 95%, PTI No. 78-01A, FG-FLEXO, IV.1&2)
02/28/2023	Other Non ROP	Compliance	January 2023 Emission report - PTI #78-01A. CARROLL PRODUCTS, INC. (N3143): VOC emissions are 10.5 tons (20,912 lbs.) per 12-month rolling period for Jan 2023 (PTI No. 78-01A, FG-FLEXO, I.1&2 limits: 28.9 tpy and 15.4 pph VOC). Capture Efficiency of 76.4 percent (CE = 76.4% > 70%, PTI No. 78-01A, FG-FLEXO, IV.1&2) and Destruction Efficiency of 98.9 percent (DE = 98.9% > 95%, PTI No. 78-01A, FG-FLEXO, IV.1&2)

Activity Date	Activity Type	Compliance Status	Comments
01/06/2023	Other Non ROP	Compliance	November 2022 Emission report - PTI #78-01A CARROLL PRODUCTS, INC. (N3143): VOC emissions are 11 tons (21,807 lbs.) per 12-month rolling period for Nov 2022 (PTI No. 78-01A, FG-FLEXO, I.1&2 limits: 28.9 tpy and 15.4 pph VOC). Capture Efficiency of 76.4 percent (CE = 76.4% > 70%, PTI No. 78-01A, FG-FLEXO, IV.1&2) and Destruction Efficiency of 98.9 percent (DE = 98.9% > 95%, PTI No. 78-01A, FG-FLEXO, IV.1&2)
11/18/2022	On-site Inspection	Compliance	FY 2023 scheduled SM CMS inspection of Carroll Products, Inc. ("Carroll" or "the company") located at 44056 Phoenix Drive, Sterling Heights, Michigan 48314-1463.
10/14/2022	Other Non ROP	Compliance	September 2022 Emission report - PTI #78-01A Sep 2022 VOC emissions = 22,922 pounds per year = 11.5 tpy (PTI No. 78-01A, FG-FLEXO, I.1&2 limits: 28.9 tpy and 15.4 pph VOC)
08/19/2022	Other Non ROP	Compliance	July 2022 Emission report - PTI #78-01A 12 tpy VOC
06/23/2022	Other Non ROP	Compliance	May 2022 Emission report - PTI #78-01A 11 tpy VOC
05/26/2022	Other Non ROP	Compliance	April 2020 Emission report - PTI #78-01A 14 TPY VOC
05/25/2022	Other Non ROP	Compliance	July 2020 Emission report - PTI #78-01A 14 TPY VOC
05/25/2022	Other Non ROP	Compliance	September 2020 Emission report - PTI #78-01A 15 TPY VOC
05/25/2022	Other Non ROP	Non Compliance	December 2020 Emission report - PTI #78-01A 13 TPY VOC
05/25/2022	Other Non ROP	Compliance	January 2021 Emission report - PTI #78-01A 14 TPY VOC
05/25/2022	Other Non ROP	Compliance	February 2021 Emission report - PTI #78-01A 13 TPY VOC

Activity Date	Activity Type	Compliance Status	Comments
05/16/2022	Other Non ROP	Compliance	March 2022 Emission report - PTI #78-01A < 12 tpy VOC

Name: James McManus, Date: March 16, 2023 Supervisor: George JC