

December Asbestos Air Monitoring Report

LOCATION: Former McLouth Steel Facility – County Property

DATE: February 1, 2020

Monitoring Duration: December 1, 2019 – December 31, 2019

Summary of ETC Air Monitoring (December 2019)

	<i>Highest Excursion Level (Reg. Level 1.0 f/cc) (Sample Codes: EX_)</i>	<i>Highest 8 Hour Time Weighted Average (Reg. Level 0.10 f/cc) (Sample Codes: EX_, PS_)</i>	<i>Highest Area Sample Level (Voluntary Action Level 0.05 f/cc) (Sample Codes: CS_)</i>	<i>Highest Post Abatement Sample Level (Reg. Level 0.05 f/cc) (Sample Codes: PA_)</i>
<i>Date(s)</i>	All Levels above regulatory limit are in red			
11/22/2019	0.076	0.019	NA	NA
11/25/2019	<0.067	0.019	0.009	NA
11/26/2019	0.079	0.023	0.009	NA
11/27/2019	0.222	0.019	<0.003	<0.003
12/2/2019	<0.059	0.011	0.004	NA
12/3/2019	<0.069	0.009	0.005	NA
12/4/2019	0.114	0.012	NA	0.004
12/6/2019	<0.057	0.013	0.004	0.009
12/9/2019	0.086	0.040	NA	NA
12/16/2019	0.073	0.037	0.036	NA
12/17/2019	<0.067	0.010	0.010	NA
12/18/2019	0.090	0.022	NA	NA
12/19/2019	0.273	0.047	NA	NA
12/20/2019	<0.081	0.015	<0.003	NA
12/21/2019	0.094	0.016	0.014	NA
12/23/2019	0.128	0.015	NA	0.006
12/24/2019	NA	NA	0.003	NA
Total Number of Samples Taken	20	36	21	8

Conclusion

Through all the monitoring conducted between November 22, 2019 and December 24, 2019 the highest recorded area reading was 0.036 f/cc (Michigan Clearance criteria is 0.05 f/cc – being used as a Voluntary Action Level). The highest excursion sample was 0.273 f/cc (MIOSHA Excursion Limit 1.0 f/cc) the highest personal 8-hour TWA reading was 0.047 f/cc (MIOSHA 8-hour TWA level is 0.10 f/cc). Therefore, these results would indicate that the removal operations are not causing elevated levels of fibers to be produced and put into the air above the MIOSHA levels or Michigan Clearance level for asbestos.

Thank you,

ASTI ENVIRONMENTAL

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