



LAWRENCEVILLE UNITED

A Resident Driven Organization

Summary of Draft Operating Permit for McConway and Torley

What is McConway and Torley? M&T is a steel foundry that's been in operation since 1868. Located on 48th Street in Central Lawrenceville and owned by Trinity Industries in Dallas, M&T manufactures steel castings for the railroad industry.

What is the draft operating permit for McConway and Torley? The Allegheny County Health Department (ACHD)'s Air Quality Program is responsible for enforcing federal pollution standards and permitting industrial sources of air pollution. ACHD's draft operating permit for M&T sets the hourly and annual emission limits on pollutants and the maximum amount of steel and material throughput the foundry can produce in a year. The permit also outlines how they will be monitored and tested by ACHD.

Why do air quality permits matter? Pittsburgh has been cited as having some of the worst air quality in the nation, which can put people's health at risk—especially the elderly, children, people with lung and heart disease, and people with low socioeconomic status. Health effects of air pollution include increased risks of cardiovascular disease, lung cancer, asthma & respiratory disease, reproductive and developmental outcomes, and premature death. Industrial processing is one of the largest sources of pollution in Allegheny County.

What air pollutants does McConway and Torley emit? Relevant air pollutants covered in the draft operating permit are: carbon monoxide, particulate matter (PM10 and PM2.5), volatile organic compounds, nitrogen oxides, sulfur dioxide, and hazardous air pollutants such as benzene and toxic metals like manganese. ACHD uses EPA standards and the best available science to determine emissions limits. Based on the EPA's 2016 Toxic Release Inventory from all stationary air pollution sources in Allegheny County, M&T was the 5th largest source of benzene and manganese emissions, the 8th largest source of chromium emissions, and the 17th largest source of PM10 emissions in the county. These rankings, however, were based on emissions factor *estimates*. The 2017 Toxic Release Inventory will be based on *actual* test data, and will show a significant decrease, according to ACHD.

What are the differences between this draft operating permit and the draft from 2015? ACHD's draft operating permit in 2015 limited the amount of steel that M&T could melt to 21,250 tons per year. That draft permit was never issued. Between the 2015 draft operating permit and now, ACHD was able to verify tests showing no emissions are escaping M&T's building with all of them exiting its baghouses (big vacuums that filter pollutants). ACHD was also able to measure gaseous emissions directly that were previously only estimated. These tests changed ACHD's calculations for potential emissions from M&T, which changed the production limit set in the previous draft operating permit. The current draft operating permit significantly lowers the emissions of volatile organic compounds and hazardous air pollutants such as benzene and manganese, while continuing the production limit set in M&T's existing installation permits: 92,500 tons per year. Finally, M&T replaced two baghouses with a single dust collector that has better airflow and creates lower particulate emissions. (Please see next page for a comparison of annual emission limits between the 2017 and 2015 draft operating permits)



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Pollutant	Annual Emission Limit (tons/year)	
	2017 Draft Operating Permit	2015 Draft Operating Permit
PM10	52.94	99.45
PM2.5	52.03	48.95
Nitrogen Oxides	45.38	28.78
Sulfur Oxides	25.1	9.69
Carbon Monoxide	96.25	27.13
Volatile Organic Compounds	7.94	34.04
Benzene	1.21	9.67
Metal HAPs	0.16	0.74
Chromium	0.014	0.74
Manganese	0.10	0.59
Total HAPs	7.90	15.84

Production Limit	2017 Draft Operating Permit	2015 Draft Operating Permit
Maximum amount of steel and material throughput	92,500 tons/year	21,250 tons/year

How can I get more information? Visit www.LUnited.org to view the draft operating permit and related documents, meeting notes, presentations from ACHD and LU, and other information. You can also get more information from groups like GASP, Clean Water Action, Penn Environment, and the Breathe Project.

How can the community have a voice in this process? ACHD is currently accepting comments from the public through December 4, 2017 in one of the following ways. (The final permit will include any relevant comments with a response from ACHD.)

- **Speak** at the public hearing on Monday 12/4 at 6 p.m. at Arsenal Middle School (220 40th Street). Must register with Karen Sagel at 412-578-8115 no later than 4 p.m. on Friday, 12/1.
- **Email** to aqpermits@alleghenycounty.us
- **Mail** to 301 39th Street, Pittsburgh, PA 15201.

Lawrenceville United also encourages residents to reach out to us with input/feedback to inform our advocacy at 412-802-7220 or info@LUnited.org.