



Air Toxics Ltd.'s expertise in air and vapor analyses has been utilized in the successful support of the environmental cleanup of approximately 50 former Manufactured Gas Plant (MGP) sites nationwide. Air Toxics' role has ranged from small-scale projects to projects consisting of hundreds of samples collected over several months, providing analytical services during all phases of environmental investigations, remediation, and property redevelopment.

Common contaminants of concern at MGP sites include Volatile Organic Compounds (VOCs), specifically BTEX, and Polycyclic Aromatic Hydrocarbons (PAHs). During the life of the manufactured gas industry, it's estimated that billions of gallons of hazardous waste were generated. Much of that waste made its way into waterways, groundwater and subsurface soil. Exposure to airborne VOCs and PAHs can occur as a result of excavation activities or in the course of migration of the contaminants through the soil and into the air space of nearby buildings. The EPA estimates that there are up to 5,000 former MGP sites, many located in areas considered for redevelopment under the Brownfields Program.

Air Toxics Ltd. provides a cost-effective analytical solution that will meet the technical and quality requirements for air and vapor analysis from your MGP remediation projects.

We welcome your inquiry.



Former Manufactured Gas Plant Sites

Method TO-13A

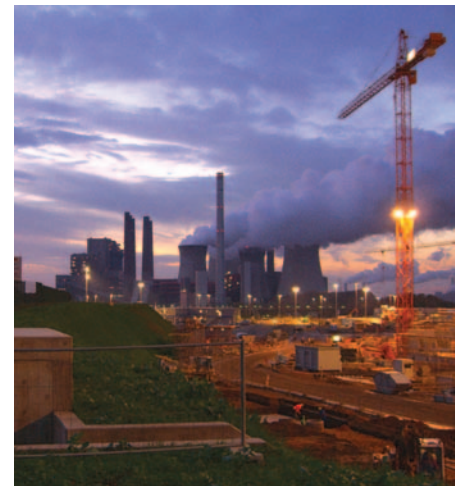
The most common contaminants found at former MGP sites are Polycyclic Aromatic Hydrocarbon (PAH) compounds which are extracted using EPA Method TO-13A. The Air Toxics Ltd. automated extraction system is the latest in EPA-approved extraction technology, and provides superior performance within a 5-day turnaround time.

Method TO-14A/TO-15

Air Toxics Ltd. uses state-of-the-art GC/MS instrumentation to provide the most defensible VOC and air-phase petroleum hydrocarbon analyses. Our methods have been optimized to reduce analytical costs while providing all the quality control required to meet project demands.

PM10 and TSP

Perimeter monitoring of particulates in the air is often requested at MGP sites during remediation activities. Air Toxics Ltd. can support your specific project requirements, providing particulate matter data as either PM10 or Total Suspended Particulates (TSP) measurements.



Collection Media

Air Toxics Ltd. has the media inventory to seamlessly support the on-going needs of your MGP projects. Our media inventory includes passivated air canisters, flow controllers (including 72-hour), PUFIXAD cartridges and particulate filters.

Data Deliverables

Air Toxics Ltd. provides full validation packages and customized electronic data deliverables to meet your specific project needs.

For your convenience, all data can be accessed and downloaded directly from our web access portal. Data is supplied to you in the format you request, whether as a simple Excel spreadsheet or as a customized database format.

For a complete List of Services, please contact us at www.airtoxics.com or call (800) 985-5955.