

BBJ Group Experience Overview

Air Emissions Inventory and Reporting

BBJ Group Practice Areas

Remediation and Site Restoration

Real Estate and Transaction Support

Regulatory Compliance Assistance

Risk and Liability Management

Ecosystem Services and Sustainability

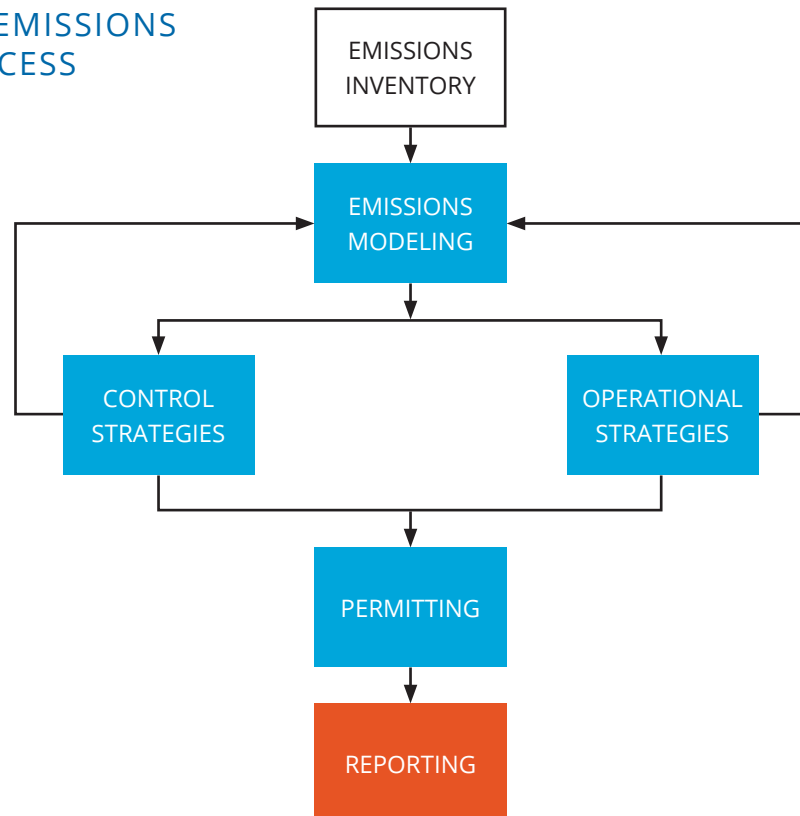
Optimizing Operations

Tracking a facility's air emissions can be an onerous task for EHS managers, but improperly doing so can be costly. Overestimation of emissions can result in a facility being subject to unnecessary permitting requirements; however, underestimation can lead to fines and poor public relations.

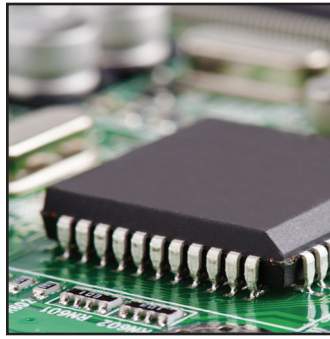
Good emission calculations start with an accurate inventory of facility emission sources. BBJ Group routinely conducts these inventories for clients and then, using the data collected, develops facility-specific tools to assist clients with emission tracking. With good records in place, BBJ Group can prepare annual emission reports on behalf of clients in a timely, accurate, and efficient manner. This process eliminates overestimation of emissions while also serving as a good defense against violation notices and fines.



AIR EMISSIONS PROCESS



Air Emissions Inventory and Reporting



New Electronics Manufacturing Plant

BBJ Group assessed potential emissions for a global electronics manufacturer that was constructing a new facility to replace an existing facility. The company initially anticipated needing a minor source permit, but BBJ Group’s recommendations regarding process changes allowed the new facility to remain within the state’s permit-by-rule framework. This allowed the facility to come on-line earlier than anticipated.



Bulk Petroleum Terminal Retrofit

BBJ Group reduced regulatory burden for a bulk terminal seeking to retrofit its facility to accept a different grade of petroleum product. Following review of product specifications and completion of an emission inventory, BBJ Group suggested modifications to facility operations that allowed the terminal to avoid triggering more onerous permitting and reporting requirements.



Asphalt Terminal Siting, Planning, and Permitting

BBJ Group identified, designed and implemented a brownfields project to redevelop a vacant 170-acre riverfront parcel into a regional asphalt terminal with rail, road, and barge access. As part of construction activities, BBJ Group obtained all necessary permits, including air permits. As part of the process, BBJ Group attended public hearings to understand shareholder concerns.

Other Recent Experience		Emissions Inventory	Modeling	Emissions Calculation	Control Strategies	Operational Strategies	Construction Permitting	Operation Permitting	Reporting
FACILITY TYPE	LOCATION								
Bulk Tank	Illinois	✓	✓	✓	✓	✓		✓	✓
Bulk Tank and Barge Loading	Illinois	✓	✓	✓	✓	✓	✓		✓
Bulk Tank and Barge Loading	Illinois	✓		✓		✓	✓	✓	✓
Bulk Tank	Illinois	✓		✓		✓			✓
Electronics Manufacturing	Texas	✓		✓	✓		✓	✓	✓
Plastics Manufacturing	Connecticut	✓		✓		✓			
Plastics Manufacturing	Upper Midwest	✓	✓	✓	✓	✓			✓
Petrochemical Production	West Virginia	✓	✓	✓	✓	✓	✓	✓	
Telecommunications	Wisconsin	✓		✓			✓	✓	✓
Telecommunications	Upper Midwest	✓		✓			✓	✓	✓
Telecommunications	Upper Midwest	✓		✓	✓	✓	✓	✓	✓
Electronics Manufacturing	Iowa	✓		✓		✓			✓
Consumer Products Manufacturing	Tennessee	✓	✓	✓	✓	✓			✓
Consumer Products Manufacturing	Minnesota	✓	✓	✓	✓	✓			✓