

Air Quality Solutions



We are dedicated and committed to understanding our clients' needs delivering sustainable, cost-effective and innovative solutions.

All sectors of society are impacted by the growing concern over air quality and the threat to human health and the environment.

The effects of poor air quality on human health and the natural environment are widely understood and addressing air pollution is a global priority. This is resulting in increased pressure from international, national, regional and local regulators, stakeholders, governmental organizations and the general public to reduce the release of air pollutants from private and public facilities and modes of transportation into the ambient air.

Jacobs is partnering with cities, government agencies and private sector clients to design and implement long-term solutions that bring about cleaner air and a healthier environment, while also supporting wider social and economic objectives. We are dedicated and committed to understanding our clients' needs so that we can help develop and implement customized, sustainable, cost-effective and innovative solutions that maximize operational flexibility and maintain compliance.

We accomplish this by:

- Leveraging our experience and relationships with local regulations and regulators
- Bridging the gap between design, engineering, permitting, operations and compliance
- Providing a cost-effective delivery model that leverages our extensive geographic footprint and technical experience

► **#1**

Top consultant for Environmental Health & Safety digital vision and strategy (Verdantix)

► **#2**

Top 200 Environmental Firms (ENR)

Air Quality Regulatory Services

Jacobs can help your environmental and design teams by developing applications that lead to permits that are realistic and user friendly. Our air quality permitting experts understand current regulations and monitor upcoming regulations which impact your projects. Our professionals have a global reputation for working closely with regulators, on behalf of our clients, to find practical and efficient ways to balance operational needs and compliance requirements.

We can help with:

- Compliance Strategies for New Rules
- Permitting (Major Source & MinorSource Construction & Operating)
- Agency Negotiations and Variances
- Title V Operating Permits
- Emissions Inventory Development
- Comprehensive Compliance Management

Air Modeling

Air dispersion modeling can provide valuable information for current and future air quality needs due to ever changing regulations and production targets. Jacobs has the skills, resources and process knowledge to apply the latest agency-required models, as well as the many specialized models that are required for unique applications. Our air modeling experience encompasses the Manufacturing, Advanced Facilities, Transportation, Water Treatment, Oil & Gas, Energy, Chemical and Pharmaceutical sectors. We can help with: Air Toxics, Odor, Class 1, SIL, NAAQS, Photochemical and more.

Air Emissions Testing and Ambient Monitoring

Our team of scientists works around the world supporting projects on location and generating data that is accurate and meets our clients' advanced needs. Our ambient monitoring team provides support to clients by collecting high quality meteorological, criteria air pollutant, and air toxics data using EPA methodology and cutting-edge technologies

Contact us

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About Jacobs

At Jacobs, we're challenging today to reinvent tomorrow by solving the world's most critical problems for thriving cities, resilient environments, mission-critical outcomes, operational advancement, scientific discovery and cutting-edge manufacturing, turning abstract ideas into realities that transform the world for good. With \$14 billion in revenue and a talent force of approximately 55,000, Jacobs provides a full spectrum of professional services including consulting, technical, scientific and project delivery for the government and private sector.



Rio Tinto Kennecott Utah Copper, Air Quality Permitting and Compliance, U.S..S.



Qatar Chemicals, Air Dispersion Modeling, Qatar



Carrapateena Mine, Dust and Meteorological Monitoring, South Australia



Former Vieques Naval Training Range, Monitoring for PM10, CO, Metals and Explosives