



## BENJAMIN CHANTZ PROJECT SCIENTIST

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### CREDENTIALS

- ◆ B.S., Atmospheric Science, Cornell University, 2010

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### PROFESSIONAL EXPERIENCE

- ◆ **2012-Present:** All4 Inc., Kimberton, PA – Project Scientist

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### TECHNICAL EXPERTISE

The following highlight Mr. Chantz's key areas of technical expertise:

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| ✓ State and Federal air permit programs including Title V and construction permit applications; | ✓ NSR/PSD Permit Support;   |
| ✓ Reasonably Available Control Technologies (RACT) Analysis;                                    | ✓ EnviroReview™; multi-media regulatory review for federal, state, and local jurisdictions; |
| ✓ Air Dispersion Modeling;  | ✓ Internal Combustion Engine (ICE) requirements;  |
| ✓ Continuous, ambient meteorological monitoring;  | ✓ Annual/Semi-annual Compliance Reporting; and  |
|   | ✓ Toxic Release Inventory (TRI) Reporting.  |

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### PROFESSIONAL OVERVIEW

As a Project Scientist, Benjamin Chantz has assisted in a number of air quality permit applications and compliance activities in Pennsylvania and other states, most notably for pulp and paper mills, cement manufacturing plants, power generation facilities, pharmaceutical companies, printing facilities, and landfill sites. He has designed and maintained multiple complex emissions and toxic release inventories, and assisted with the preparation of air dispersion models and NAAQS compliance modeling. Additionally, Mr. Chantz has assisted with the preparation of Title V Renewal Applications, construction permit applications, Reasonably Available Control Technology (RACT) analyses, emissions inventory development, annual compliance reporting, New Source Review (NSR) and Prevention of Significant Deterioration (PSD) permitting, and greenhouse gas reporting.

Mr. Chantz is one of ALL4's foremost experts in the Federal and state regulations regarding Reciprocating Internal Combustion Engines (RICE). As a member of the RICE MACT Initiative Team, Mr. Chantz assists clients with compliance issues regarding the recently amended RICE MACT, as well as developing RICE-relating business opportunities. He is also a member of the Toxic Release Inventory (TRI) training team, where he is responsible for helping clients with annual compliance deadlines, and the Oil and Gas Initiative Team, where he helps identify business opportunities in the non-renewable energy sector.

Mr. Chantz also tracks environmental regulatory changes for several states, including Washington D.C., Illinois and Connecticut, and summarizes these actions in ALL4's monthly environmental regulatory update service, EnviroReview™.

He also serves as ALL4's recruiting lead at Villanova University, and enjoys mentoring new technical staff and ALL4 co-ops. Mr. Chantz also has U.S. EPA Method 9, opacity reader certification.