



## **Arup Bandyopadhyay | President**

### **Environmental Compliance Consulting Services, LLC**

Nashville, Tennessee 615 337 6636 (cell)

arup@envcompliancesvc.com

Arup Bandyopadhyay has about thirty (30) years of environmental regulatory experience, including multi-media compliance permitting, auditing, training and inspections, liability assessments, impact statements, etc. Clients include oil, gas and refineries; pulp and paper; packaging industries; miscellaneous chemicals manufacturing; organic and agricultural chemical process; auto and auto-supplier industries; tire manufacturing, plastics, etc.

### **EXPERIENCE**

#### **Multi-Media Compliance**

- Environmental audits of facilities to determine compliance with requirements for air permits, water discharge permits (NPDES), wastes, and community right to know (Tier II and TRI reports)
- Environmental Impact and Environmental Justice (new facility and site expansions)
- Multi-media environmental permitting for grassroots facility and plant expansion
- Facility compliance audits and reporting for a wide range of industrial facilities
- International Standard Organization (ISO) 9001 and ISO 14001 programs

#### **Air Quality**

- Air permit applications (i.e., Title V, Prevention of Significant Deterioration (PSD), Conditional Major and True Minor sources)
- Non-attainment area new source review support
- Facility inspections to identify air emission sources and air emission inventory compliance reporting
- Air emission estimation and air emission inventories; Greenhouse gas (GHG) emission estimations
- Ambient air quality monitoring and air monitoring instrumentation
- Permit condition negotiations with regulatory agencies
- Regulatory analysis, interpretations and compliance support of NSPS, NESHAP, BACT, federal and state air regulations
- Maximum Achievable Control Technology (MACT) applicability determinations
- Visible Air Emission (Opacity) Evaluations (certified inspector)

#### **EPCRA and OSHA**

- Regulatory analysis, interpretations and compliance support for SARA Title III program
- SARA 311, 312 (Tier II), and 313 (Form R or TRI reports)
- Corrective/Remedial Action

#### **Water Quality**

- NPDES, storm water permitting and Corps of Engineers permitting

- Permit condition negotiations with regulatory agencies
- Regulatory analysis, interpretations and compliance support of federal and state water regulations
- SPCC Plans, BMP Plans and SWPP Plans
- Discharge monitoring reports
- Field investigation and point source review
- Water compliance audits

## **PAST EXPERIENCE**

- 2014-2015 Principal, Air Quality and Regulatory Compliance Services, LP Environmental, Nashville, Tennessee
- 2011-2014 Senior Manager, southeastern United States, ENVIRON International Corporation, Nashville, Tennessee
- 2006-2011 Regional Manager, southeastern United States, Conestoga-Rovers & Associates, Nashville, Tennessee
- 1999-2006 Senior Project Manager, Compliance Services, Conestoga-Rovers & Associates, Nashville, Tennessee
- 1994-1999 Senior Environmental Engineer, the State of Tennessee, Department of Environment & Conservation, Nashville, TN
- 1993-1994 Environmental Engineer, Sailors Engineering Associates, Inc., Lawrenceville, GA
- 1993 Research Engineer, Georgia Institute of Technology, Atlanta, GA
- 1991-1992 Research Engineer, University of Tennessee, Knoxville, TN

## **PUBLICATIONS & PRESENTATIONS**

Bandyopadhyay, A., "An Overview of Air Pollution Control Regulations in USA", Technical Paper Presentation, Global Conference on Sustainable Development, São Paulo, Brazil, October 2002.

Bandyopadhyay, A., "Recent Trends in Water Pollution Control," Technical Paper Presentation, International Conference on Cleaner Production and Sustainable Development '99, Taipei International Convention Center, Taipei, Taiwan, R.O.C., December 1999.

Bandyopadhyay, A., Kevin G. Robinson, "Desorption and Biodegradation Behavior of Naphthalene Sorbed on Soil Colloids," Technical Paper Presentation, 27th Mid Atlantic Industrial & Hazardous Waste Conference, Lehigh University, Bethlehem, Pennsylvania, July 1995.

Bandyopadhyay, A., Kevin G. Robinson, "Desorption of Naphthalene Bound to Soil Colloids," Technical Paper Presentation, International Conference on Industrial Waste Minimization '95, Taipei International Convention Center, Taipei, Taiwan, R.O.C., November 1995.

Bandyopadhyay, A., "Influence of Soil Colloids in Sorption Desorption and Biodegradation Behavior of Naphthalene Present in Soil Groundwater System," Master's Thesis, University of Tennessee, Knoxville, Tennessee, May 1994.

Bandyopadhyay, A., "Bioremediation of Soil, Sediment, and Groundwater," Poster Presentation, 45th Annual Industrial Waste Conference, Purdue University, W. Lafayette, Indiana, May 1993.