

# ***Alex J. Sagady & Associates***

657 Spartan Ave., East Lansing, MI 48823

(517) 332-6971 (517) 332-8987 (fax) ajs@sagady.com

## **Consulting Services on Air, Waste & Wastewater & Environmental Protection for Citizen Groups, Organizations and Local Government**

### **Technical Review**

- Independent reviews of the proposed air, water, waste and resource permits and enforcement matters for industrial, municipal and waste management facilities
- Reviews of community air pollution, environmental releases of toxic materials and community impacts
- Analysis of industrial and waste management processes for potential emissions
- Review and investigations of government environmental and regulatory files
- Academic literature searches and library research
- Database-related analysis, reviews, programming and report preparation; expert FoxPro database programming and analysis for environmental-related database activity

### **Environmental Enforcement**

- Advocacy, research and intervention activities for resolving community pollution problems, assaults on environmental justice and natural resource damages caused by pollution from industrial and municipal facilities
- Consulting services to determine whether air pollution sources, waste disposal facilities and other industrial sites are complying with state and federal environmental regulations, or have otherwise unresolved environmental problems or poor emission controls
- Development of advocacy, public information and regulatory intervention materials to influence environmental regulators, news media and the general public concerning environmental violations
- Technical, regulatory, strategic and political advice for communities, citizen

organizations and local government in dealing with environmental violators and in motivating complacent regulatory agencies for more effective action

## Litigation Assistance Services

- Expert witness services and evidence review on air pollution, wastewater and solid/hazardous waste and natural resources management and protection
- Litigation investigations, discovery assistance and public document reviews
- Technical assistance with examination of expert witnesses

## Public Policy and Communications

- Policy analysis and testimony on proposed legislation and rulemaking
- Report production and briefing materials
- Internet communications
- Proactive media activities and materials
- Programmatic planning, management and evaluation

## Past Experience

- Past experience with problematic cement plants, bleached kraft pulp mills, hazardous waste incineration, municipal waste combustors, petro-chemical process production plants, landfill-related emissions, electric utility plants, petroleum refineries, foundry operations, steel plants and coke ovens, waste recycling and other industrial operations.

## Discounted Rates Available for Non-profit Organizations, Environmental Justice Groups & Long Term/Large Projects

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## Mission Statement for A. J. Sagady & Associates

To provide high quality, technically proficient services to ensure protection of the environment and communities through effective technical analysis, review, advocacy, communications and public decision-making.

## Key Values

- Rigorous technical, regulatory and scientific analytical approaches are instrumental for reviews of potential and/or actual emission and environmental problems.
- Technical and regulatory issues will be explained to clients in terms they can understand.
- Through training, client representatives will be able to assume a knowledgeable role after completion of AJSA services.
- Review and analysis work products are translated into detailed written communications.
- Issues are analyzed from a public health, environmental protection and community preservation outlook.
- Experience in working with individuals and communities of diverse racial, ethnic and economic character helps ensure success in all types of communities.
- Solving tough environmental problems requires the engagement and participation of many sectors in the community and along with effective technical analysis; AJSA will help your community achieve this integrated approach to resolving local environmental problems.

**BUSINESS REFERENCES AND A SAMPLE OF REPRESENTATIVE AJSA  
WORK PRODUCTS ARE AVAILABLE ON REQUEST**

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## Career Issues List

Detroit Edison	Monroe power plant SO2 control
General Motors Corporation	Grey iron/nodular iron foundries carbon monoxide/PM
Honeywell/Allied Signal	Review of Hopewell, VA complex
Champion International Corporation	Quinnesec pulp mill, TRS/toxics air discharges
Sun Chemical Company	Muskegon pigments plant—confidentiality dispute
Bofors-Lakeway Chemical	Muskegon dichlorobenzidene plant – toxic emissions
Texas Industries Cement (TXI)	Midlothian plant and hazardous waste combustor
Consumers Energy	Campbell, Cobb, Karn-Weadock plant SO2 control
Entergy – Louisiana	Petition to deny permit for Monroe LA plant
Genesee Power Limited Partnership	GPS demolition waste combustor air/waste issues
Lafarge Corporation	Alpena cement plant and hazardous waste combustor
Detroit Coke Corporation	DCC coke oven, PM, odors, enforcement
BP Petroleum	Toledo, OH refinery, TRS, odors, toxics, permitting
BP Chemical	Review of Butanediol PSD air permit
Ash Grove Cement Company	Chanute KS plant, hazardous waste RCRA permit
Greater Detroit Resource Recovery Auth.	Detroit incinerator emission controls
Viking Energy	Lincoln waste burner, citizen consultations on toxics
Dow Chemical Company	Midland power boilers SO2 emissions
Metamora Landfill Superfund Site	Superfund site, waste incineration siting issue
Marquette Board of Light and Power	PSD air permit issue on new units
Lansing Board of Water and Light	Sulfur dioxide issue on Eckert plant
Cement Kiln Recycling Coalition	Hazardous waste combustion regulatory policy
Honigman, Miller, Schwartz and Kohn	Municipal incinerator ash policy
Medusa Cement	Review of Charlevoix, MI plant
Grainger Waste Management	Daily cover, Watertown MI landfill issue
Hooker Chemical Company	Fugitive emissions from toxic landfill
Sybill Oil	Odors from Detroit recovery plant
Mead Paper	Siting of new pulp mill
James River Corporation	Siting of new pulp mill
City Management Corporation	Campaign finance issues
Wayne Disposal	Campaign finance issues
General Oil	Odors from Redford oil plant
St. Mary's Peerless Cement Company	Dioxin/furan emissions
Michigan Governor John Engler	State environmental audit legislation
Amoco Oil	Review of Whiting, IN refinery air/waste issues
Ford Motor Corporation	New motor vehicle paint shop, PSD permit
P. H. Glatfelter Company	Kraft pulp mill NPDES permit, PA
VEBA A.G.	Mobile AL petrochemical plant permitting issues
Superior Metal Shredders, Flint, MI	Permit review and mercury controls
St. Lawrence Cement	Review of air permit application, Hudson, NY
Michigan dairy industry sites	Research on water pollution compliance
Tesoro Alaska Petroleum Refinery	Review of NPDES permit renewal
National Cement of Alabama	Evaluation of Ragland AL air pollution issues
Global Energy, Inc.	Evaluation of power plant permit application
Midwest electric utilities	Litigation investigation on new source permitting
Tarmak America Inc.	Review of permitting/compliance, Columbia SC quarry

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## **Some AJSA Clients and Projects**

**American Lung  
Association (ALA),  
Washington, D.C.**

Provided management, technical review services, regulatory analysis, media relations activities and program planning/budgeting for the ALA Project on Hazardous Waste Incineration. The ALA Project was a national policy, advocacy, technical review and public awareness activity focusing on the environmental and public health impacts of commercial incineration of hazardous waste. AJSA produced two extensive comments to the U.S. EPA Office of Solid Waste on proposed Hazardous Waste Combustion Maximum Achievable Control Technology standards.

**Natural Resources  
Defense Council, Inc.**

Confidential litigation investigation done for New York and Washington DC office environmental attorneys

**Maurice and Jane Sugar  
Center for Economic  
and  
Social Justice, National  
Lawyers Guild,  
Detroit, MI**

Provided expert witness services and technical consultations concerning a demolition waste combustor in Flint, Michigan. Provided technical advice in conducting depositions of opposing expert witnesses in the case. AJSA activities contributed to imposition of limitations on waste burning and an injunction on air discharge permitting.

**Village Council of  
Harbor View, OH**

Provided analysis of a proposed permit to allow heavy sour crude processing at the British Petroleum Toledo Oil Refinery, including review of existing odor problems and transient sulfur dioxide emissions; produced expert comments for filing with the Ohio EPA and U.S. EPA Region V on behalf of the Village of Harbor View.

**Heninger, Burge, Vargo  
& Davis PC,  
Birmingham, AL**

Litigation investigation and air pollution evaluation concerning National Cement of Alabama, Ragland, AL

**Michigan  
Environmental  
Council, Lansing, MI**

Provided services to represent the Council on the U.S. Environmental Protection Agency's Common Sense Initiative Automobile Sector Regulatory Initiative Workgroup

**Clean Air Network,  
Washington DC**

Expert database management work with Visual FoxPro on power plant emissions and environmental parameters for use by web consultants

<b>E. Dennis Muchnicki, Attorney at Law, Columbus, OH</b>	Provided expert services for technical review of Ohio EPA air and waste management files concerning Redlands of Ohio, a lime production facility in Millerville, OH in order to identify emissions and environmental enforcement problems.
<b>Codorus Monitoring Network, York, PA</b>	Produced detailed comments critical of a proposed wastewater permit for the P. H. Glatfelter pulp mill in Spring Grove, PA; the comments led to subsequent litigation currently in progress concerning wastewater effluents from this plant
<b>American Lung Association of Texas, Austin, TX</b>	Provided technical review services and production of detailed comments for filing with the Texas Natural Resources Conservation Commission and U.S. EPA Region 6 concerning a Resource Conservation and Recovery Act permit for hazardous waste combustion at the TXI Cement Plant, Midlothian, TX
<b>Ecology Center of Ann Arbor, Ann Arbor, MI</b>	Provided technical review of air pollution permitting for a Ford Motor paint shop with an intervention that successfully caused an increase in required air pollution controls for automatic spray application booths.
<b>Sierra Club, Mackinac Chapter, Lansing, MI</b>	Litigation investigation concerning non-complying wastewater discharges from Michigan concentrated animal feeding operations.
<b>Communities for a Better Environment (CBE), San Francisco, CA</b>	AJSA produced report reviewing air and waste management issues at the Amoco Whiting IN refinery and Indiana Department of Environmental Management and U.S. EPA Region V air discharge regulation of this facility.
<b>Water and Air Team Charlevoix (WATCH), Charlevoix, MI</b>	AJSA gave a presentation on tire burning and produced a detailed memorandum on air and waste management regulatory issues at the Medusa Charlevoix cement plant.
<b>St. Francis Prayer Center, Flint, MI</b>	AJSA did a file review and investigation of odor complaints from industrial wood waste management and combustion activities in Flint, MI.
<b>West Bay Watch, Mobile, AL</b>	AJSA conducted regulatory research on air permitting to assist plaintiff's attorneys challenging a petrochemical production plant.

<b>Citizens for Clean Air &amp; Water, Monroe, LA</b>	Prepared detailed public hearing comments and a petition to U.S. EPA seeking to disallow a proposed Clean Air Act Title V permit for a proposed restart of an Entergy power plant in Monroe, LA
<b>Sierra Club Great Lakes Program, Madison, WI</b>	Provide technical research and support to educational and policy development activities for state airborne toxicant programs in the Great Lakes states; development of several briefing, policy and educational papers
<b>Sierra Club of Virginia</b>	Review of air pollution, permitting and compliance at Honeywell/Allied Signal and Smurfitt-Stone Container, Hopewell Va
<b>Sierra Club Appalachian Office, Arlington VA</b>	Review and comments on Title V operating permit application for DC Water & Sewer Authority Blue Plains WWTP
<b>Flint-Genesee United for Action, Justice &amp; Environmental Safety</b>	Review of air pollution permitting and mercury emission issues for a proposed automobile and appliance metal shredding operation
<b>Resolve, Inc., Washington, DC and Marasco-Newton, Inc., Arlington, VA</b>	Technical consultant to the Petroleum Refining Sector Subcommittee, National Advisory Committee on Environmental Policy and Technology, Environmental Protection Agency
<b>Cook Inlet Keeper, Homer AK</b>	Developed detailed comments on a proposed NPDES wastewater discharge permit for the Tesoro Alaskan Petroleum Refinery
<b>Sierra Club Mackinac Chapter</b>	Litigation investigation, concentrated animal feeding operations in Michigan dairy and hog industry
<b>Allen County Citizens for the Environment, Lima, OH</b>	AJSA developed detailed technical comments concerning a proposed prevention of significant deterioration permit under the Clean Air Act for a proposed BP Amoco Chemical plant to produce butanediol. The resulting comments convinced EPA region V to disallow the proposed permit as violating PSD requirements.
<b>National Wildlife Federation, Great Lakes Office, Ann Arbor, MI</b>	AJSA was retained to review documents concerning environmental remediation of the White Pine copper mine and smelter site, White Pine, MI; AJSA was also retained to give

NWF environmental attorneys a one day introduction to technical issues on air pollution compliance

**Great Lakes United,  
Buffalo, NY**

AJSA was retained to review regulatory achievements attained by the U.S. EPA under the Binational Toxics Strategy

**Sierra Club of Florida**

AJSA was retained to provide technical services concerning mercury emissions from a cement plant in a permit appeals proceeding

**River Alliance, Inc. &  
Attorney Robert  
Guild, Columbia, SC**

AJSA was retained to develop comments, intervention strategies and evaluate compliance concerning a quarry operation and its proposed conditional major operating permit

**Rockefeller Family  
Fund Environmental  
Enforcement Project**

The Project retained AJSA to develop status information concerning power plant Title V operating permits in a number of states.

**Friends of Hudson,  
Hudson, NY**

Environmental consulting assistance to FOH attorneys conducting a contested case hearing on permitting for a new, large cement plant

**Weiner & Burt, P.C.,  
Harrisville, MI**

Litigation investigation involving a wood-fired power plant in Lincoln, MI

**Sierra Club of  
Mississippi**

Review of PSD air permitting for Chevron Pascaguola Refinery

**TX Seed Coalition,  
Austin, TX**

Review of air discharges, air compliance and process operations at the ExxonMobil Baytown Refinery

12/2000

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## **Background on Alexander J. Sagady**

Since August, 1995, Alex J. Sagady has been an environmental consultant in private practice with a number of clients throughout the United States doing technical consulting work on air, water and waste management issues. Alex J. Sagady has 25 years of experience in air pollution, technical review, environmental regulation and policy.

Prior to August 1995, Alex J. Sagady was Director of Environmental and Occupational Health at the American Lung Association of Michigan (ALAM) from 1980 to 1995. In that past position he was responsible for:

- a. Direction of activities to influence state and federal administrative agency policy and regulatory proceedings on the control of air pollution and airborne toxicants in Michigan.
- b. Research, technical review and advocacy on site-specific air pollution control and air contamination issues affecting respiratory health and state air pollution control rulemaking. These duties included utilization of microcomputers, database management systems and electronic communications on environmental and occupational health issues and regulatory research.
- c. Public information, volunteer recruitment/training and media activities on environmental and occupational health and management information systems activities.

## **Principal Career Achievements:**

- Alex J. Sagady was responsible for technical review, public education and advocacy activities in a multiple year program directed toward obtaining state government enforcement of rules to require nearly one million tons of sulfur dioxide emission reduction per year from Michigan's electric utility industry over previously uncontrolled emissions.
- Alex J. Sagady conducted technical and advocacy activities in a ten year effort to successfully persuade federal and state environmental regulators to require the Greater Detroit Resource Recovery Authority to retrofit new baghouse scrubber controls on the Detroit Incinerator. This facility, which is one of the

world's largest, had been built in the mid-1980's without state of the art emission controls.

- As an expert on kraft pulp mill emission controls, Alex J. Sagady conducted technical research and intervention activities to successfully influence a state air pollution enforcement case against a Champion International kraft pulp mill in Michigan's Upper Peninsula. This activity eventually resulted in Champion International installing one of the most stringent controls in the United States on emissions from total reduced sulfur venting systems.
- Alex J. Sagady qualified as an expert witness on air pollution control in the case of the Flint NAACP, et al vs. Governor John Engler, Michigan Department of Natural Resources, et al in October of 1995 in Genesee County Circuit Court. This case resulted in the imposition of a strict limitation on the amount of demolition waste that could be burned at a demolition waste combustor; the case also resulted in a trial court order requiring the State of Michigan to significantly revise its public decisionmaking and health effects evaluation procedures for air permits.
- Alex J. Sagady has provided administrative hearing testimony and written comments numerous times to the Michigan Air Pollution Control Commission, the Michigan Department of Natural Resources (succeeded by the Michigan Department of Environmental Quality) and the U.S. Environmental Protection Agency. These testimonies and comments concerned air pollution sources, administrative rulemaking proceedings and enforcement matters.
- Alex J. Sagady has written detailed comments to the U.S. Environmental Protection Agency concerning the regulation of hazardous waste combustion in waste incinerators and cement kilns and the regulation of emissions from bleached kraft pulp mills that were submitted on behalf of the American Lung Association national organization.
- Alex J. Sagady participated in a workgroup to develop rules to control airborne toxicants from new and modified industrial sources in the State of Michigan.

### **Committees:**

Air Quality Advisory Committee, Michigan Dept. of Environmental Quality, 1994-1998. This committee provides advice to the Air Quality Division on the development of rules and operational memorandum on the control of air pollution in Michigan.

Air Toxics Policy Committee, Michigan Dept. of Nat. Res., 1987-1990. This was a regulatory negotiating committee that developed Michigan's rules to control airborne

toxicants from new stationary sources of toxic air pollution.

Start-up, Shut-down, Malfunction Working Group regulatory negotiation committee of the Air Quality Division, Michigan Department of Natural Resources, 1993-94

Common Sense Initiative, Auto Sector, Regulatory Initiative Subcommittee, U.S. Environmental Protection Agency, 1995-1996; Petroleum Sector, Equipment Leaks Working Group, September, 1997

Sierra Club - Mackinac Chapter, At-large Member of Executive Committee (1988-1995)

Michigan Environmental Council Board, 1986-1995

Congress of Lung Association Staff Computer Advisory Committee, 1986

Michigan Pesticides Council, 1975-1978

MDNR Environmental Auditing Advisory Committee, 1978

MDNR Air Permit Review Committee, 1992

### **Awards:**

Commendation for “Outstanding Contribution to our Community” from Flint-Genesee United for Action, Justice and Environmental Safety, an citizen environmental justice organization in Flint, MI, 1997

Rachel Carson Communications Award of the Huron Valley Group of the Sierra Club, 1996-97, for leadership and work in creating Enviro-Mich, a high traffic Internet listserv for Michigan environmental protection and conservation issues

The first annual “Alex Sagady Cyber-Punk Award” of the Sierra Club Mackinac Chapter to “recognize outstanding efforts by a volunteer activist to raise awareness and disseminate information about Michigan’s environment by the use of electronic media” for the creation of Enviro-Mich, 1997

Commendation for career work in environmental protection from Citizens for Alternatives to Chemical Contamination, Lake, MI, 1993

Chairman's Award, Sierra Club, Mackinac Chapter, 1991

Acid Rain '84 Citizen's Award, N.H. Task Force on Acid Rain, 1984

Air Conservationist of the Year, National Wildlife Federation/Michigan United Conservation Clubs, 1980

Environmental Quality Award, U.S. Environmental Protection Agency, Region V, 1974

**Education:** B.S. Physics and Mathematics Education, University of Michigan, 1972

**Memberships:** Air and Waste Management Association; Natural Resources Defense Council; Sierra Club; American Chemical Society; American Civil Liberties Union

**Volunteer:** Board member, volunteer legislative analyst and peer counselor, Capitol Area Fathers for Equal Rights, Lansing, MI, 1989-2001

Chair, Information Systems Committee, Sierra Club-Mackinac Chapter, 1988-2002; responsible for database management work on membership data systems and fundraising-related database activities; activities include all database work on one of the most successful Sierra Club state chapter annual direct mail fundraising campaigns in the United States, 1988-2002.

List manager for the Internet List, Enviro-Mich, a special project of the Sierra Club Mackinac Chapter

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