

Resume:

John E. Conover, Jr., P.E

Chiang Mai, Thailand

and

St. James New York, USA

jconoverjr.com

jconoverjr11790@yahoo.com



EMPLOYMENT:

Environmental Education Website Development

www.jconoverjr.com

2015 to the present

Research for environmental stories, design of the website, stories about different aspects of the environment, that I wrote or found online.

Subjects include:

A. Air Pollution

B. Radioactivity

C Solid Waste

D. Light Pollution

E. Pesticides

F. Wildlife Conservation

H. Hazardous waste

I. Solar energy

...and more....

Regional Enforcement Coordinator, August 1997- July 2015, Stony Brook, N.Y.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, Region 1

A. Coordination of administrative enforcement efforts for the region.

B. Assistance with criminal enforcement cases.

C. Liason between legal and technical staff.

D. Review of all case referrals for technical completeness.

E. Liason with county health departments, district attorneys, USEPA, attorney general's office.

F. Update of enforcement database.

G. Consent order compliance

H. Multimedia inspection coordinator.

I. Coordinator for the review of the annual environmental audit for all state facilities in the region.

J. Technical advisor to the Office of General Counsel

H. Investigation of environmental violations at an Indian Reservation, administration consent order negotiations with the tribe.

Environmental Engineer, Hazardous Waste Remediation, February 1989-July 1997, Stony Brook, N.Y.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, Region 1

A. Project manager for the investigation and remediation of hazardous waste sites,

B. On scene coordinator for emergency removal actions.

C Activities included:

1. Review of workplans and reports

2. Field work oversight and field work performed included:

a. Geophysical surveys, magnetometer, ground penetrating radar

b. Soil Gas Surveys

c. In Situ Chemical Oxidation of volatile organics in groundwater

d. Indoor air sampling

e. Soil sampling

f. Surface wipe sampling of concrete for pcb's

g. Geoprobe sampling of soil and groundwater

h. Radiological surveys

i. Construction and sampling of groundwater monitoring wells

j. Soil vapor extraction and treatment systems.

k. Excavation, removal, proper disposal of: contaminated soil and concrete, drums of hazardous waste, transformers, underground chemical storage tanks

l. Use of Photo Ionization Detector(PID)



Environmental Engineer, Air Quality June 1987-January 1989, Warrensburg, N.Y.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, Region 5

A. Review of air permit applications

B. Facility inspections.

C. Stack test oversight

D. Enforcement actions,

E. Modeling,

F. Complaint response.

**Environmental Engineer, Solid Waste, November 1985-May 1987, Stony Brook, N.Y.
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, STONY BROOK, NY**



- A. Inspections of solid waste management facilities, i.e.: solid waste landfills, construction and demolition debris landfills, transfer stations, recycling facilities, medical waste incinerators, crematories.
- B. Review of permit applications for solid waste management facilities.
- C. Enforcement of environmental laws and regulations for solid waste management facilities. Enforcement activities include compliance inspections, surveillance, preparation of consent orders, complaints, notices of hearings, compliance conferences, expert testimony at hearings and trials.
- D. Complaint response and investigation.
- E. Methane testing with explosimeter
- F. Air testing with Drager tubes.
- G. Supervision of one junior engineer.
- H. Development of enforcement database for computer.
- J. Oversight of the construction of landfill liners, capping systems, groundwater monitoring systems, methane recovery systems.
- K. Inspection of the garbage barge Mobro in Key West Florida, joint inspection with USEPA



**CEO, December 1982-October 1985, Hauppauge, NY
LONG ISLAND POLLUTION SERVICES, Inc.**

- A. Ground water pollution investigation and remediation :
 - 1. Sales design, manufacture, installation and service of pollution control equipment
 - a. Automatic pumps to remove petroleum products from groundwater
 - b. Water table depression pumps
 - c. Air stripping systems to remove volatile organics from groundwater
 - d. Water sampling equipment to collect samples from groundwater
 - e. Groundwater spill monitoring and remediation.
- B. Surface water pollution control,
 - 1. Sales and installation of:
 - a. Containment boom
 - b Risers
 - c. Absorbents
- C. Landfill gas control
 - 1. Landfill gas venting systems- design, construction and operation
 - 2. Landfill gas monitoring



**Sales Engineer, December 1981- November 1982 Needham, Massachusetts
OIL RECOVERY SYSTEMS, Inc.**

- A. Marketing of equipment and services for the remediation of contaminated groundwater.
 - 1. Equipment:
 - a. Filter scavenger- for the removal of oil or gasoline from groundwater
 - b. Probe scavenger- for the removal of oil or gasoline from groundwater
 - c. Water table depression pumps to lower the water table to facilitate the removal of gasoline or oil from the water table.
 - d. Air stripping systems to remove volatile organics from groundwater.
 - e. Water sampling equipment
 - 2. Consulting and engineering services
- B. Territory- east coast of US
- C. Trade show staff.

Foreman, May 1980-November 1981, Long Island, NY

MARINE POLLUTION CONTROL

- A. Investigation and remediation of contaminated sites in New York and New England.
- B. Pollution control systems-marketing, design, supervision of construction, operation, and maintenance.
 - 1. Systems to remove petroleum contamination from the upper glacial aquifer.
 - 2. Methane systems- monitoring and venting wells for methane in landfills.
- C. Advertising and marketing- trade show coordinator
- D. Company photographer.



Environmental and Electrical Engineer, December 1978-January 1980 Melville, NY

H2M CONSULTING

- A. Water quality laboratory work.- drinking water, groundwater and wastewater.
- B. Environmental Impact Study field work for an ashfill for a resource recovery plant.
- C. Industrial wastewater, biological treatment pilot plant.
- D. Biodegradability research project of dichlorobenzene.
- E. NPDES and SPDES report preparation(DMR's -discharge monitoring reports)
- F. Sampling of existing wastewater for design of a new sewage treatment plant.
- G. Bacteriological testing reports of potable water for water districts, for submission to the state health department.
- H. Caustic tank monitoring(caustic for the treatment of drinking water)
- I. Electrical design
 - 1. Drinking water pumping stations and storage tanks
 - 2. Marina
 - 3. Street lighting

Engineering Technician, June 1978-November 1978 Hauppauge, NY

SUFFOLK COUNTY DEPARTMENT OF ENVIRONMENTAL CONTROL

- 1. Field work
 - A. Storm water runoff research project.
 - B. Stream flow testing for a baseline study with a Pygmy meter
 - C. Surface water sampling and field analysis
 - D. Groundwater sampling and field analysis.



Teacher, 1985, Oakdale, N.Y.

Dowling College

Adjunct Instructor, "Man and the Universe", science overview for non-science majors.

Teacher, 1976-1977, Manhattan, N.Y.

The Cathedral School

5th , 6th , 7th grade math, biology



EDUCATION:

Master's Degree

STATE UNIVERSITY OF NEW YORK AT STONY BROOK

Environmental Engineering

Bachelor's Degree

DOWLING COLLEGE, OAKDALE, NEW YORK

Science , Math, Education

Job Related Training Courses:

AIR POLLUTION:

EPA AI4I course 446, Inspection Procedures & Safety, Rutgers, 1988
EPA APTI course 445, Baseline Source Inspection Techniques, Rutgers, 1988
EPA APTI course 413, Control of Particulate Emission, Rutgers, 1988
NYSDEC approved course-Environmental Drycleaning Technology, 2000
Visible Emissions Evaluation Course, 1988, 1998

ENFORCEMENT:

USEPA NETI- Negotiations Skills Training (Advanced}, 1997
Northeast Environmental Enforcement Project, Basic Environmental Crimes Investigations Training, 2001

INCIDENT MANAGEMENT:

1-200 Basic Incident Command System, 1999
1-300 Intermediate Incident Command System, 1999
5-201 Supervisory Concepts and Techniques, 2000
1-400 Advanced incident Command, 2000

POLLUTION PREVENTION:

Pollution Prevention Workshop for Marinas, NYSDEC, 2002

REMEDIATION:

Confined Space Entry Awareness, Mid Hudson Health and Safety Institute, 1997

SOLID WASTE:

Sanitary Landfill Design, University of Wisconsin. 1986
Geotextiles, Lehigh University, 1986

LICENSES, CERTIFICATIONS AND OTHER EXPERIENCE

New York State Professional Engineering License #72227

New York State Teaching License for Biology, Chemistry, General Science and Math, permanent certification

OSHA 29 CFR 1910.120 40-Hour Safety Training (for hazardous waste sites) 1989

OSHA 29 DFR 1910.120 8-Hour Refresher Training, 1990, 1991, 1992, 1994, 1995, 1996

Visible Emission Evaluator Certification, 1988, 1999, 2000

Expert Witness: Oakville Drum Site, Federal Grand Jury testimony, 1992

Expert Witness: Suffolk County vs. Big Apple Leasing, 1990

Expert Witness: NYS vs. Kings Park Enterprises, 1988

Expert Witness: NYS vs. Steck & Philbin, 1987

Expert Witness: NYS vs. Town of Smithtown, 1987

Expert Witness: NYS vs Brookhaven Aggregates, 1986

Special Assignment: Inspection of the **Garbage Barge** Mobro in Key West, Florida, 1987

Conference presentation, New England Environmental Expo 1996, Case Study, Investigation and Remediation of a tetrachloroethylene plume from a dry cleaning establishment

Types of facilities that I have worked on:

Abandoned drum sites
Aircraft manufacturing
Air Force bases
Airplane engine rebuilder
Airports
Air strippers
Aluminum die casting

Aluminum smelter
Animal disease research lab
Ashfill
Aspirin manufacturer
Asphalt plants
Auto recyclers
Auto body repair shops
Camp Hero DOD site, Montauk NY
Cement plant
Colleges
Commercial laundries
Composting sites
Concrete recyclers
Construction and demolition debris landfills
Cosmetic manufacturing
Crematories
Department of Defense sites
Desalinization plant equipment design
Drinking water supply wells and treatment system
Dry cleaners
Electronics manufacturers
Electrical substations
Farms
Fire training sites
Gas stations
Garbage barge
Golf courses
Hazardous waste disposal facilities
Hospitals
Laboratories
Landfills
Laundromats
Leather finishing companies
Leather finishing chemical manufacturers
Leather waste composting facility
Machine shops
Marinas
Medical waste incinerators
Metal recyclers
Methane recovery systems
Mold in houses
Nike missile sites on Long Island NY
Oil terminals
Oyster company
Paper mills
Pet cemetery and crematory
Pharmaceutical companies
Platers
Plattsburg Air Force Base
Power plants
Printers
Reptile Museum
Rivet manufacturer
Rocket engine design facility
Sand mines
Sewage treatment plants
State parks
Radio transmitters
Suffolk County Air National Guard Air Base
Titanium metal manufacturing
Train yards
Tungsten ore processing

Town DPW yards
Transfer stations
Vitamin manufacturers
Wall paper manufacturers
Westhampton Air Base
Wire manufacturer
Wood preserving companies
Wood chippers
Zinc die casters

