

DAVID GOSSMAN

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CHIEF INVESTIGATOR – GOSSMAN FORENSICS
PRESIDENT – GOSSMAN CONSULTING, INC
PRESIDENT – CHEMRIGHT LABORATORIES, INC.
OWNER – HIDDEN BLUFFS FARM
SOLE PROPRIETOR – TREEFARMPRODUCTS.COM

David Gossman has a B.S. and M.S. in Interdisciplinary Physical Science, is a Fellow of the American Institute of Chemists (FAIC) and is a Certified Fire and Explosion Investigator (CFEI). He is President, Gossman Consulting, Inc., President, ChemRight Laboratories, Inc., Chief Investigator, Gossman Forensics (a division of ChemRight Laboratories, Inc.), Owner, Hidden Bluffs Farm and Sole Proprietor, TreeFarmProducts.com. He has been Manager, Cement Kiln Services for Safety-Kleen Corp.; Manager, Business Development for McKesson EnviroSystems; and Technical Director for Systech Corp. He has, over the last thirty-five years, developed a large number of the commercially available systems for utilizing hazardous waste as fuel in cement kilns. Over the last sixteen years he has provided expert witness and investigation services in matters of fires, explosions, chemical releases, personal injury, enforcement actions and similar issues related to litigation support. Prior to entering the hazardous waste management field in 1980, he held a non-teaching faculty position at the Michigan State University Heavy Ion Laboratory where he worked as an instrumentation engineer. He is currently serving on the American Institute of Chemists Editorial Review Board. He is on various committees for ASTM International including: Air Quality; Waste Management; Molecular Spectroscopy and Separation Science; Occupational Health and Safety; and Environmental Assessment, Risk Management and Corrective Action. Over the years David Gossman has been involved in the process of developing, reviewing and approving numerous ASTM standards. He is also a member of the American Chemical Society, the American Association for the Advancement of Science, Member of the International Society of Environmental Forensics, the National Fire Protection Association, the National Association of Fire Investigators (Certified Fire and Explosion Investigator), a licensed Private Investigator, and an Associate Member of the American Bar Association (ABA)-Section of Environment, Energy & Resources and Section of Tort Trial & Insurance Practice.

Work History

2015 - Present	Chief Investigator, Gossman Forensics
1988 - Present	President/Owner Gossman Consulting, Inc.
2004 - Present	President and QA/QC Manager, ChemRight Laboratories, Inc.
1995 - Present	Owner/Manager of a farm in Iowa and TreeFarmProducts.com
2000 - 2005	Managing Partner, ERAtech Group LLC
1987 - 1988	Manager, Cement Kiln Services for Safety-Kleen Corporation
1985 - 1987	Manager, Business Development for McKesson EnviroSystems
1980 - 1985	Technical Director for Systech Corporation
1978 - 1979	Graduate Assistant
1977 - 1978	Faculty Member, Heavy Ion Laboratory
1975 - 1977	Heavy Ion Laboratory Technician

Experience (selected)

- Investigated railcar derailment, fire and chemical contamination following mishandled cleanup.
- Investigated personal injury caused by chemical burn which occurred in the workplace.
- Investigated explosion at waste water treatment plant which caused a fatality and resulted in a wrongful death lawsuit.
- Investigated city waste water treatment system which was inadequately maintained and subsequently caused damage to several parties and their property.
- Investigated and determined causation of fire in oxygen tank regulator resulting in personal injury lawsuit due to burns to the individual's lungs.
- Investigated explosion in home caused by an acetone-based cement stain in which individuals were badly burned, and determined there were inadequate warnings regarding the products.
- Investigated zirconium explosion and fire at hazardous waste incinerator, resulting in a multi-party lawsuit, and determined causation was due to mismanagement of the waste materials prior to delivery at the facility.
- Investigated potential offensive odor contamination in a liability lawsuit.
- Provided technical analysis in a personal injury case involving chemical burns caused by hydrofluoric acid in an aluminum cleaner.
- Provided technical analysis for the Department of Justice in a case involving potential violations of the Clean Air Act from an industrial source.
- Determined causation in a personal injury lawsuit involving explosion of aerosol paint can.
- Determined causation in an investigation of a propane related home explosion.
- Investigated explosion of automobile air conditioner Freon refill aerosol can in a personal injury lawsuit.
- Investigated causation for an industrial fire involving a methane digester.
- Provided an environmental forensic investigation of soil PCB contamination.
- Conducted sampling and testing for an investigation into possible workplace heavy metal contamination.
- Performed chemical analysis to determine causation of an industrial chemical flash fire at an incineration facility in a multi-party workplace personal injury lawsuit.
- Investigated possible illegal processing of RCRA hazardous waste in potential violation of federal hazardous waste laws in a criminal lawsuit.
- Performed investigation of dust contamination and ground water impact related to personal property adjacent to a quarry in a civil lawsuit.
- Investigated health and safety of working conditions and potential environmental regulation violations on behalf of a labor union.
- Investigated and determined causation of an industrial pipeline rupture and fire at a hazardous waste plant in a multi-party wrongful death lawsuit.
- Provided analysis and testimony for a personal injury lawsuit concerning an individual burned by industrial furnace material.
- Provided expert witness report in patent dispute.
- Performed environmental forensic analysis to determine causation and actual source of dioxin emissions in an enforcement action.

- Investigated and provided testimony in a civil case concerning contamination of private property following containment failure of a lagoon in which oil field waste had been dumped.
- Provided technical reports and supporting materials concerning emission modelling to assist attorneys in adjudicated permit hearings in New York State.
- Investigated hazardous waste violations in an enforcement action by the EPA.
- Performed chemical forensic examination and determined causation as part of an investigation into a large industrial railcar explosion and fire.
- Determined causation of an explosion and fire in the flammable liquids tank farm of a waste management facility.
- Provided expert report and testimony in an adjudicated permit hearing for a hazardous waste facility in Texas.
- Assisted in obtaining patents for client on conversion of medical waste into industrial fuel.
- Assisted client in specifying new GC systems for PCB determinations.
- Lead the successful effort to permit a new cement plant in the city of Chicago – the first new cement plant permitted in a major city in decades.
- Taught class in Dubai on Occupational Safety and Health for high risk industries.
- Taught class in Shanghai, China on HAZOPs.

Professional Affiliations

- Air and Waste Management Association
- American Chemical Society
- American Association for the Advancement of Science
- American Bar Association
- American Institute of Chemists Fellow (Certified Chemist)
- ASTM International, various committees including: Air Quality; Waste Management; Molecular Spectroscopy and Separation Science; and Occupational Health and Safety; and Environmental Assessment, Risk Management and Corrective Action
- Forensic Expert Witness Association
- International Society of Environmental Forensics
- National Association of Fire Investigators
- National Fire Protection Association