

# Sor Labs Professionals

**Ali C. GURHAN, M.S.** Senior Project Manager, Senior Chemist

## PROFESSIONAL BACKGROUND

1990 to Present: Senior Project Manager, Senior Chemist

S&S Environmental Sciences, Inc., Cedar Grove, N.J.,

Areas of responsibility:

- Prepare proposals, and conduct investigations and prepare reports for environmental services.
- Coordinate projects with owners, contractors and subcontractors.
- Specialization in NJPDES and POTW Rules and Regulations (including sampling and reporting requirements).
- Underground Storage Tank Management, including Tank Closure Subsurface Evaluation.
- Indoor/Outdoor Air Quality investigations, including microbiological studies (molds, bacteria, etc.).
- Responsible for QA/QC of the NJDEP certified Drinking Water and Water Pollution laboratory.
- Sampling and testing of asbestos containing materials, including air, and personnel monitoring.
- Familiar with RCRA, OSHA, ISRA, and the NJDEP Technical Requirements for Site Investigation and Remediation.
- Environmental Assessments (Phase I, II, and III) and Auditing Services.
- New Jersey Pollution Discharge Elimination System (NJPDES) Surface and Ground Water Discharge Monitoring (expertise in NJPDES Regulations, Clean Water Act, Safe Drinking Water Act).
- Hazardous and Non-hazardous Waste Management (expert in The Resource Conservation and Recovery Act (RCRA) and The Industrial Site Recovery Act (ISRA)).
- Worker & Community Right-to-Know Compliance (expert in The Occupational Safety and Health Act).
- Forensic studies on construction materials.

1987 to 1990: Analytical/Environmental Chemist

Shimel and Sor Testing Laboratories, Inc., Cedar Grove, New Jersey,

Areas of responsibility:

- Performed Wet Chemistry Analyses, and instrumental testing including Atomic Absorption Spectroscopy (AAS) for Metals, Infrared (IR) Spectrophotometric Analysis of polymers and unknown substances, Gas Chromatography for PCBs, Pesticides and Volatile Organic Compounds.
- Training of laboratory technicians.
- Preparation of the Laboratory Chemical Hygiene and Safety Plan.
- Performed sampling of wastewater, sludge, soil and air in accordance with USEPA and NJDEP-approved methods.

Sor Testing Laboratories, Inc.  
Sor Consulting Engineers, Inc.  
S & S Environmental Sciences, Inc.

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## EDUCATION:

1984: The University of Ankara, Ankara, Turkey, Bachelor of Science in Chemical Engineering

1997: New Jersey Institute of Technology, Newark, New Jersey, Master of Science in Environmental Engineering

2001: Montclair State University, Montclair, New Jersey, Continuing education graduate level courses in Geosciences (in Petrology and Mineralogy)

2003: Professional Development Course "Current Understanding and Advances in Mold Assessment Sampling and Analysis"

## CERTIFICATIONS:

- NIOSH 582 (Evaluation of Asbestos)
- Confined Space Entry
- OSHA 40-Hour HAZWOPER Training
- NJDEP Subsurface Evaluator (Tank Closure)

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