
JONATHAN GAPA, M.S.

Irving, TX 75060

817.856.9868

gapajon@gmail.com

[LinkedIn](#)

Sr. Scientist & Public Health Professional

Environmental – Public Health Services – Strategic Thinking

Innovative, safety oriented Senior Scientist & Public Health Professional with 16+ years of experience in sampling, researching, designing, planning, and management of various environmental Projects. Demonstrates superior training, leadership ability, and excellent verbal and written communication skills. Broad based technical knowledge, strong organizational talent, and problem-solving proficiency. Diligent, self-starter, who thrives in collaborative environments. Willing to relocate and travel 25%.

KEY COMPETENCIES & SKILLS

LEADERSHIP • PROCESS IMPROVEMENT • REGULATORY CONSULTING • COMMUNICATION • ORGANIZATION • PUBLIC HEALTH • ENGINEERING
• SAFETY • MANUFACTURING • RECRUITING • LEGISLATION • ENVIRONMENTAL ENGINEERING • HEALTH • REGULATION • • MANAGEMENT
EXPERIENCE • WATER & WASTEWATER • TROUBLESHOOTING • VERIFICATION • SUSTAINABILITY • ENVIRONMENTAL MANAGEMENT •
TRANSPORTATION • CONSULTING SERVICES • RESPONSIBILITY • RELATIONSHIP BUILDING • PROBLEM SOLVING • SOLUTION ORIENTED •
HEALTH CODE LAW • ENVIRONMENTAL LAW • TOXICOLOGY

PROFESSIONAL EXPERIENCE

DOUGHERTY SPRAGUE ENTERPRISES, INC., DALLAS, TX

03/2016 – 2019

SENIOR SCIENTIST/PUBLIC HEALTH PROFESSIONAL: Spearhead activities of providing environmental solutions related to real estate due diligence and closure/classification of contaminated properties through Texas Commission on Environmental Quality (TCEQ). Execute sampling, researching, design, planning, management of various environmental projects with client & regulatory interaction.

KEY COMPETENCIES: CROSS-FUNCTIONAL TEAM LEADERSHIP, PUBLIC HEALTH, CONSTRUCTION, RENOVATION, KNOWLEDGE, TEAMWORK
Won FW ISD 2017/18 HAZMAT Consulting Services (Capital Improvement Program) CAP Program Bid

- Performed pre-renovation asbestos inspections, abatement specifications and assisted Program Manager with AHERA, TAHPRs, and NESHAP compliance Issues
- Air monitoring during asbestos abatements and clearance air sampling on 40 projects
- Prepared abatement close-out documents and updates to AHERA Asbestos Management Plan

KEY COMPETENCIES: MATERIAL SCIENCE, PUBLIC HEALTH REQUIREMENTS, STRUCTURAL ENGINEERING, AUTOCAD, DEVELOPMENT
Produced enough revenue and kept company solvent while outcompeting co-workers

- Secured 3/4 of company's profit and clients due to tireless marketing practices
- Managed environmental, accounting and public health departments
- Instituted new practices to help clients accomplish goals faster and more efficiently by conducting floor plan remodel specifications and site evaluations in unison

KEY COMPETENCIES: TERRITORY MANAGEMENT, RELATIONSHIP BUILDING, HEALTH CODE LAW, ENVIRONMENTAL LAW, TOXICOLOGY
Collaborated with TCEQ through Environmentor Program to develop new legal precedent for Voluntary Cleanup Site closure under Technical Impracticability

- Supervised groundwater with more frequent and intense monitoring
- Researched mechanisms used to close sites at federal level (EPA), which is basis for TCEQ law
- Developed relationship with TCEQ Departments, private interest groups and began writing motion form replies to establish basis of professional courtesy proceedings with TCEQ

KEY COMPETENCIES: MARKETING, PROJECT MANAGEMENT, TARGET AND GOAL SETTING, COMMUNICATION, DETAILS ORIENTED, WRITING

Awarded 6 Army Corps of Engineers contracts through GSA e-buy

- Identified projects that former partners were working on
- Contacted them for support and scheduled site walk
- Communicated through writing and employee share, rearranged tasks to meet deadlines with

REED ENGINEERING GROUP, LTD., DALLAS, TX

02/2014 – 03/2016

ENVIRONMENTAL SCIENTIST/PUBLIC HEALTH PROFESSIONAL: Administered Phase I Environmental Site Assessments and Phase II Subsurface Investigations including commercial properties, vacant land, apartment complexes, municipal buildings and wetlands. Controlled inspection of both commercial and municipal buildings as well as civil/structural engineering inspections for City of Dallas (311-T).

KEY COMPETENCIES: DEVELOPMENT, CONSTRUCTION, PSYCHOLOGY, MATERIALS SCIENCE, OSHA, NIOSH, ASTER

Instituted Public Health Department focusing on suspicious chemical identification for medical community

- Coordinated teams in daily briefings and constant personnel monitoring
- Facilitated cleaning crews, bobcats, and pumps running in electrical vaults round clock
- Evaluated work and continuous training of hazards as they occur

KEY COMPETENCIES: CROSS-FUNCTIONAL TEAM LEADERSHIP, EXTENSIVE PUBLIC HEALTH, CONSTRUCTION, RENOVATION, COMMUNICATION

Examined and conducted hazard and risk assessments for complex sites while performing 311-T Civil Engineering Inspection

- Surpassed team goal of final construction deadline by 3 weeks
- Establish new JSA techniques to ensure safety and improve efficiency
- Rotated teams to fresh sites regularly not to get exhausted or get too comfortable in dangerous environments

TAS ENVIRONMENTAL SERVICES, L.P., FORT WORTH, TX

02/2013 – 02/2014

ENVIRONMENTAL SCIENTIST/SUPERVISOR: Performed emergency response and contingency plans for oil and gas terminals, commercial, retail facilities, current and future residential properties. Organized waste classification, disposal procedures and environmental assessments for active pipelines, petrol stations, industrial facilities and residential property hazardous waste spills.

KEY COMPETENCIES: DEVELOPMENT, CONSTRUCTION, OSHA, NIOSH SAFETY, CHEMISTRY AWARENESS, STRATEGIC PLANNING

Neutralized smoking Fedex truck

- Reviewed chemicals and materials in manifest to identify reaction potentials
- Briefed team, chose respirator types & PPE for stand-by rescue, SCBA for investigative team and recorded HASP
- Executed plan and neutralized chemicals with specialized foam mixture

KEY COMPETENCIES: CROSS-FUNCTIONAL TEAM LEADERSHIP, PUBLIC HEALTH, CONSTRUCTION, RENOVATION, COMMUNICATION

Coordinated Emergency Response and recovering of abandoned wrecked Oxygen Tanker Truck

- Guided tanker and contact rural fire departments to charge hydrants and ready standby rescue teams
- Engaged team, grounded Oxygen truck, choose PPE for stand-by rescue, investigative team, & recorded HASP
- Resolved oxygen tanker with crane and blast shields, transferred liquid to alternative tanker

KEY COMPETENCIES: LEADERSHIP INFLUENCE, TEAMWORK, RECOVERY PLAN, COMMUNICATIONS

Contained, tracked and located origin of NORM (Naturally Occurring Radioactive Material)

- Determined zones of containment, recorded micro curie readings and sampled NORM material to ID
- Partnered team and worked with Nuclear Regulatory Agency to develop recovery plan
- Operated in conjunction with agency guidelines to safely recover materials

OTHER RELEVANT EXPERIENCE

US GEOLOGIC SURVEY, DEPT. OF INTERIOR, INDIANAPOLIS WATER SCIENCE CENTER	HYDROLOGY TECHNICIAN	2013 – 2013
AMERICAN INNER-CITY BUILDERS LLC/AQUATECH FOOD SUPPORT SYSTEMS L.P., FORT WORTH, TX	SCIENCE & POLICY CONSULTANT	2012 – 2013
HOLMES COMMUNITY COLLEGE/RCI LAW LIBRARY, YAZOO CITY, MISSISSIPPI	LAW CLERK/SCIENCE AND POLICY LECTURER	2009 – 2012
KLEINFELDER, ENVIRONMENTAL ENGINEERING FIRM, HANOVER, MARYLAND	ENVIRONMENTAL SCIENTIST/GEO-TECHNICIAN	2006 – 2008
NASA, INFRARED TELESCOPE FACILITY, MAUNA KEA, HAWAI'I	TELESCOPE OPERATOR ASSISTANT/NIGHT MAINTENANCE	2003 – 2006
UNIVERSITY OF TEXAS MEDICAL BRANCH, ANESTHESIA DEPT., GALVESTON, TX	BIOMEDICAL LAB TECHNICIAN	2002 – 2002

EDUCATION & CERTIFICATIONS

JOHNS HOPKINS UNIVERSITY, BALTIMORE, MD
MASTER OF SCIENCE – ENVIRONMENTAL SCIENCES AND POLICY
UNIVERSITY OF HAWAI'I, HILO, HAWAI'I
BACHELOR OF NATURAL SCIENCE – GEOLOGY AND CHEMISTRY
TEXAS A&M UNIVERSITY, GALVESTON, TX
MARINE SCIENCES/MARINE ENGINEERING

CERTIFIED ENVIRONMENTAL & SAFETY COMPLIANCE OFFICER – NREP # CESCO 300390
PROFESSIONAL SANITARIAN LICENSE # 4586, TDHS / TDLR
ASBESTOS CONSULTANT LICENSE # 105838, TEXAS DEPARTMENT OF LICENSING AND REGULATION
ASBESTOS INSPECTOR LICENSE # 603333, TEXAS DEPARTMENT OF STATE HEALTH SERVICES
ASBESTOS AIR MONITOR LICENSE # 706934 AND NIOSH 7400 PCM TRAINING – NMAM
WATER C, WTS, & WASTE WATER TREATMENT OPERATOR LICENSE # WO003393 / WW0048664, TCEQ
HAZWOPER /HAZARDOUS MATERIALS – 40-HOUR OSHA 29 CFR 1910.120
CONFINED SPACE ENTRANT AND RESCUE REFRESHER TRAINING – OSHA 29 CFR 1910.146
AMMONIA AWARENESS TRAINING – OSHA 29 CFR 1910.111, OSHA 10-HOUR OVERVIEW
POWERED INDUSTRIAL FORK TRUCK TRAINING – OSHA 29 CFR 1910.178
H2S AWARENESS TRAINING
NCCER – LICENSE # 8393955 - CONSTRUCTION, ELECTRICAL, PLUMBING, & RIGGING
EPA 608 – LICENSE # P1B35AE5053CB6AE1
COMMERCIAL DRIVER LICENSE, CLASS B, TEXAS DEPT. OF PUBLIC SAFETY.
NON-CONFIDENTIAL SECURITY CLEARANCE, US DEPT. OF HOMELAND SECURITY, USGS - MAY 2013

PROFESSIONAL MEMBERSHIPS

Texas Environmental Health Association – Elected to Governing Council 2018 – 2021
Greater Dallas Planning Council – Member 2019
Texas Water Quality Association – Member 2018