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EDUCATION AND EMPLOYMENT HISTORY:

COLLEGE ATTENDANCE: **SEPT 1969 – MAY 1971** NEWARK COLLEGE OF
ENGINEERING (NJIT)

MAJOR: ELECTRICAL ENGINEERING, PHYSICS, GPA 3.78

SEPT 1971- MAY 1974 ILLINOIS, JACKSONVILLE

CAMPUS

MAJOR: CHEMISTRY, PHYSICS.

BS CHEMISTRY 1973, GPA 3.8 GRADUATED (MAGNA

CUM LAUDE)

BS PHYSICS 1974 GPA 3.92 GRADUATED (MAGNA

CUM LAUDE)

SEPT 1975- JUNE-1976 COLUMBIA UNIVERSITY

MAJOR: CHEMICAL PHYSICS (NEW PhD PROGRAM)

WAS ONE OF 15 OUT OF 450 APPLICANTS FOR THIS
PROGRAM WHICH WAS FUNDED BY GOVERNMENT

GRANTS

FOR MILITARY RESEARCH IN LASER SPECTROSCOPY.

WITHDREW FROM PROGRAM WHEN GRANTS WERE

NOT RENEWED

AND ACCEPTED A POSITION AT JOHNSON AND

JOHNSON CENTRAL

RESEARCH IN NEW BRUNSWICK NJ. (AUG 1976)

CONTINUING EDUCATION: PERSUED COURSES IN ADVANCED WATER CHEMISTRTY
AND PHYSICAL-ANALYTICAL CHEMISTRY AT
RUTGERS AND
VILLANOVA.

ADDITIONAL: ADVANCED SEMINAR COURSES IN SURFACE ANALYSIS
OF MATERIALS
INCLUDING X-RAY DIFFRACTOMETRY, X- RAY
FLOURENCE,
SCANNING ELECTRONMICROSCOPY, AND RADIO
CHEMISTRY.

WORK EXPIERIENCE: **JUNE1974 – AUG-1975** RESEARCH SCIENTIST, HYRDON
LABS
INVOLVED IN THE DEVELOPMENT OF BACTERIACIDAL
COATINGS
USED IN SURGRY.
AUG-1976- FEB- 1983 RESEARCH SCIENTIST AT
JOHNSON & JOHNSON
INVNOVED IN THE DEVELOPMENT OF DIGITAL
THERMOMETRY, BECAME
MANAGER MEDICAL MATERIALS DEVELOPMENT
DEPARTMENT.
DEVELOPING MEDICAL COMPOSITE MATERIALS
1983-1986 PRIVATE CONSUTANT FOR WATER
TREATMENT INDUSTRY
(ADVANCED WATER TECHNOLOGY) WITH EXPERTISE
IN WATER
FILTRATIION TECHNOLOGY
1986-1992 STATRED AND MANAGED A NJDEP
CERTIFIED
ENVIRONMENTAL TESTING LABORATORY. (AA LABS
INC) NJDEP

#03536

1992 SOLD AA LABS INC

1992-2023 STARTED AND MANAGED A NJDEP

CERTIFIED

ENVIRONMENTAL LABORATORY. (OCEAN

ENVIRONMENTAL LABS)

NJDEP# 03886

2023 SOLD OCEAN ENVIRONMENTAL LABS AND

PARTIALLY RETIRED.

OCEAN ENVIRONMENTAL BECAME THE

LARGEST RESIDENTIAL

WELL TESTING LAB UNDER NEW JERSEY'S

PWTA WELL TESTING

ACT OF 2003, SERVING OVER 150

REALESTATE OFFICES AND

MANY HOME INSPECTION COMPANIES, WELL

DRILLERS,

WATER TREATMENT COMPANIES, HOME

BUILDERS,

AND LAW FIRMS IN THE STATE.

NEW JERSEYS (PWTA) PROGRAM IS ONE OF

THE MOST

COMPREHENSIVE PROGRAMS IN THE COUNTRY

DEALING WITH

HOMES ON PRIVATE WELL WATER SYSTEMS, IN AN

ATTEMPT TO

BRING THE QUALITY OF THE WATER IN THESE

SYSTEMS UP TO THE

STANDARDS OF THE EPA SAFE DRINKING WATER

ACT WHICH ARE

FOLLOWED BY PUBLIC DRINKING WATER SYSTEMS,

AND ARE HELD

TO RIDGED STANDRDS OF QUALITY. TRADITIONALLY

PRIVATE WELLS

DO NOT HAVE TO FOLLOW THESE STANDARDS.

2008 – 2017 BECAME A CONSULTANT FOR BUCK
SCIENTIFIC INSTRUMENTS
PART TIME, THAT INCLUDED TROUBLE
SHOOTING INSTRUMENT
PROBLEMS AND TRAINING AND INSTALLATION
OF NEW BUCK
INSTRUMENTATION AS WELL AS DEVELOPING
TEST METHODS

2010 FORMED AN INTERNET BASED DRINKING
WATER TESTING
SERVICE
(DRINKINGWATERSPECIALISTS.COM) WITH A PARTNER
THAT PROVIDED COMPREHENSIVE LOW-
COST WATER TESTING
FOR PRIVATE USE AND RESIDENTIAL WELL
AREAS AND
OTHER INTERESTS WORLDWIDE, INCLUDING
DRUG
COMPANIES, THE BOTTLED WATER
INDUSTRY, ENGINEERING
COMPANIES, AND WATER FILTRATION
COMPANIES.
BECAME A US GOVERNMENT CONTRACTOR,
TESTING **US**
EMBASSY WATER IN THE FAR EAST AND PARTS
OF AFRICA.
THE WEB SITE AND TESTING WAS RATED
NUMBER ONE IN THE
COUNTRY IN 2021 FOR EDUCATIONAL
CONTENT AND TESTING
AND REPORTING SERVICE.

AREAS OF EXPERTISE:
GC/MASS

SPECTROSCOPY, (BOTH GFAA

ELECTROCHEMISTRY

INCLUDING GROSS

OTHER EPA

REQUIRED,

SOIL SAMPLES.

OFFICER, I DEVELOPED

THE LABORATORY,

CERTIFICATION AS

WERE REQUIRED TO

PROFICIENCY

SANITATION METHODS

ADOPTED BY THE

PROFICIENT IN ALL EPA TEST METHODS INCLUDING

SPEC ICP/MASS SPEC, ATOMIC

FLAA), PESTICIDE AND PCB ANALYSIS,

METHODS, RADIO CHEMICAL METHODS

ALPHA (A NJDEP REQUIREMENT) AS WELL AS

INORGANIC TESTING METHODOLOGIES THAT ARE

AND THE TESTING OF LEAD IN PAINT WATER AND

AS BOTH LABORATORY MANAGER AND QA

AND WROTE ALL TEST METHODS AND SOP'S FOR

AND WAS RESPONSIBLE FOR MAINTAINING NJDEP

WELL AS ALL LABORATORY OPERATIONS.

I ALSO MANAGED ALL LABORATORY AUDITS THAT

MAINTAIN CERTIFICATION. PERFORMED ANNUAL AND

TESTING, ALSO REQUIRED FOR CERTIFICATION.

I DEVELOPED TREATMENT SYSTEMS AND

FOR DRINKING WATER, SOME OF WHICH WERE

NJDEP AND WELL DRILLERS ASSOCIATION.

PRESENT:

ENVIRONMENTAL
WITNESS CAPACITY.
REPORT REVIEW,
CONTROL
PRACTICES.
APPLICATIONS
PROCEURES AND
DEFENDING WELL AND
AND ORAL
TIMES HAVE TO
CHALLANGED BY
ACCEPTED BY
QUESTIONNAIRE AND
OF MY STANDING
THE NJDEP.
CASES WERE

I WISH TO CONTINUE BEING INVOLVED IN THE
INDUSTRY IN A CONSUTING CAPACITY OR EXPERT
I CAN PROVIDE EXPERTIESE IN EVALUATING DATA,
HELP PLAN FOR EPA AUDITS, EVALUATING QUALITY
PROCEDURES, REVIEWING METHOD SOP'S AND LAB
ASSISIST LABORATORYS WITH INITIAL CERTIFICATION
OR CERTIFICATION OF ADDITIONAL TEST METHODS.
TRAINING IN PERFORMING INSTRUMENTAL TEST
MAINTAINING SAMPLE AND QA DATA.
I ALSO HAVE EXPERTISE AND EXPERIENCE IN
WATER TREATMENT COMPLAINTS, BOTH BY WTRITTEN
TESTIMONY.
AS A MATTER OF COURSE CERTIFIED LABORATORIES AT
DEFEND THEIR DATA IN CIVIL PROCEDINGS WHEN
CUSTOMERS UNHAPPY WITH RESULTS. I HAVE BEEN
THE COURTS AS AN EXPERT IN THESE AREAS BY
UNDER QUESTIONING AND WAS APPROVED BECAUSE
AS A CERTIFIED LAB MANAGER AND Q/A OFFICER BY
OUR DATA, AND QA RESULTS IN THESE CIVIL COURT

DEFENDED WITH A 100% SUCCESS RATE,

PROFESSIONAL REFERENCES:

LECO LABS, MR. DONALD LILLY, LAB MANAGER OF NJDEP CERTIFIED
HAMILTON NJ. (609 529 2200)

LAW FIRM MS. MARYLOU DELAHANTY OF THE ENVIRONMENTAL
OF DELAHANTY AND McGRORY, TRENTON NJ. (609 393
1351)

LAW, TRENTON NJ, MR. R DOUGLAS HOFFMAN, OF THE FIRM HOFFMAN
(609 585 6008)

SPECIALISTS, MR MICHAEL BEEK, PRESIDENT OF DRINKING WATER
BEND OREGON. (978 800 4200)