

Dania J. Thompson

Senior Chemist



EXPERIENCE

Senior Chemist

2003-Present

Chemist

1977-2003*

EDUCATION

Loyola College

B.S. in Biology

University of Delaware, School of Marine Science

Graduate Studies

Ms. Thompson joined Sheppard T. Powell Associates, LLC in 2003 – having served as chemist for Powell Labs Ltd. from 1977 to 2003. Upon completion of graduate study at the University of Delaware, she was assigned to handle cycle water analyses at the Baltimore Gas and Electric Company's Riverside Synthetic Natural Gas Plant.

In 1979, she became a laboratory analyst for Powell Labs Ltd. Ms. Thompson's primary responsibility has been the handling of analyses of deposits in tubes, pipes drums, waterboxes, basins and other equipment in various applications – including the power, pulp and paper, HVAC, and municipal water industries. Ms. Thompson also has extensive experience performing cleaning simulations on tubes from boilers. Her duties also have included analyses of boiler cycle waters and wastewaters. Methods of analyses employed include wet chemistry, flame atomic absorption, and graphite furnace atomic absorption for low level testing. Additionally, Ms. Thompson now serves as the Chemical Hygiene Officer for the laboratory.

Other projects during this time have included participation as analyst during wastewater management studies at coal burning electric power stations in New Mexico and Utah and assistance with the establishment of a water testing lab at the Brown University heating plant.

* In 2003 STPA acquired the laboratory staff of Powell Labs Ltd.