Modern Geosciences Internship 2016
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Modern Geosciences

Description of Modern Geosciences

Modern Geosciences is an environmental engineering firm focused on solving environmental challenges through an innovative use of emerging technology and highly experienced technical staff. This company provides services in a wide range of mediums, such as air quality, environmental due diligence, environmental training, infrastructure monitoring, remediation, and vapor intrusion. During my internship with Modern Geosciences I was not limited to a specific sector and was given the opportunity to experience challenges first-hand in the field and in the office.

My Career Goals Relationship with Internship

The training I received during this internship provided me with real-world experience sampling water, soil, and air as well as engaged me in professional networking and mentoring activities. Additionally, this internship advanced my technical writing and data analysis skills through report writing, data processing, attendance at a public hearing, and interaction with professionals working in the field. After graduation I will enter the work force equipped with an expanded professional network and a competitive skill set as a field technician and environmental scientist, setting me a step ahead of my peers as I explore careers in the environmental field.

Internship Objectives

When first beginning this internship my objectives were as follows:
• Learn about EPA/TCEQ air and ground water standards on a more in-depth level than taught in class.
• Gain experience with the SOPs of all the sampling and monitoring equipment used by Modern Geosciences while conducting Phase I and II ESAs.
• Learn how to conduct myself in a professional manner when speaking with clients and colleagues of Modern Geosciences.
• Gain experience using GIS and AutoCAD technology.
• Solidify plans for a future career after graduation.

My Experience

While with Modern I gained experience in the following and pictured:
• Writing environmental reports such as Phase I ESAs and padsite inspection reports.
• Collecting soil, groundwater and air samples where releases were suspected
• Analyzing air samples in-house using a Gas Chromatograph/Mas Spectrometer.

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References