

Melanie Applebon

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OBJECTIVE

Loyalist College graduate eager to launch career in Environmental field

EDUCATION

Environmental Technician Diploma

May 2015

- Related course work: Biology, CADD 1009 CAD/GPS, Chemistry (General & Organic), Ecology, Environmental Protection Legislation, Hydrogeology/Soils, Hydrology/Climatology, Microbiology, Waste Management, Water/Waste Water Treatment

SKILLS/ABILITIES

Laboratory

- Performed sampling analysis of airborne contaminants and summarize findings in a “client ready” consultant’s report
- Collected and performed routine tests on representative environmental samples and use various information technology to assemble, analyze and present environmental data effectively
- Basic water treatment laboratory exercises (alkalinity, hardness, turbidity, DO, BOD, chlorine determination)
- Prepare and analyze standards using laboratory instruments (GC, IC, HPLC, AA, UV/visible Spectrophotometer, pH meter)
- Good knowledge and practice of keeping an organized and concise lab book
- Performed basic lab techniques including extraction of DNA from tissues, restriction enzyme digestions and assays, polymerase chain reactions (PCR), separation and visualization of DNA using electrophoresis

Field Work

- Applied organism identification and enumeration techniques to assess water health
- Performed stream flow gauging/recording
- Performed Biological measurements and various sampling techniques
- Accurate Identification and recording of plant and tree species

Initiative

- Self-motivated and able to work independently
- Seeks additional work after successful completion of set tasks
- Dependable to complete work carefully and completely
- Reliable and punctual

EXPERIENCE

WESA Internship (Placement) Waste Management, Napanee, ON [2015]

- Internship program on landfill gas, surface and groundwater sampling procedures

Sustainable Living Symposium Volunteer Loyalist College, Belleville, ON [2012, 2013, 2014]

- Assisted with administration desk, technical support and bus tours