

VARUN PETER

ENVIRONMENTAL TECHNICIAN - Field Sampling, Compliance Monitoring & Environmental Analysis

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📍 Ontario

in [LinkedIn](#)

SKILLS

- **Environmental Field Sampling & Compliance Monitoring:** Conducting field sampling, ensuring compliance.
- **Environmental Instrumentation (GIS):** Proficient in using GIS technology for mapping, and spatial analysis.
- **Environmental Analysis:** Analyzing water, soil, and air samples using industry-standard techniques and equipment.
- **Field Operations:** Managing field operations, ensuring safety, and optimizing workflow in environmental projects.
- **Data Collection & Reporting:** Collecting environmental data, analyzing results, and preparing detailed reports.

WORK EXPERIENCE

Project Program Coordinator

June 2020 – August 2021

Jeevan Jyothi

India

- Directed the execution of the COVID-19 Response Program, coordinating emergency aid distribution to 1,500+ families in rural areas, ensuring prompt delivery and efficient health outreach, leading to a 30% improvement in recovery rates.
- Managed the successful implementation of water management solutions for 500+ families in marginalized communities, ensuring access to safe drinking water, and increasing community health by reducing waterborne diseases by 40%.
- Coordinated environmental conservation programs with local partners, resulting in the restoration of 10+ hectares of degraded forest land and a 25% increase in biodiversity. Fostered 10 community-led anti-deforestation initiatives.
- Optimized logistics and field operations across rural locations, coordinating transportation and resource allocation for 20+ community development projects, which resulted in a 15% reduction in costs, maintaining a 100% completion rate.
- Facilitated training workshops on sustainable agriculture and environmental management for 100+ farmers in the region, enhancing farmer's crop yield by 25% overall while promoting friendly practices that contributed to soil health.

Public Health Engineer

September 2018 – April 2020

Oxfam India

India

- Oriented the installation and monitoring of WASH infrastructure, ensuring access to clean water for 10,000+ community members. Supervised sanitation improvements that reduced contamination rates by 50%, safeguarding public health.
- Conducted site assessments across flood-affected areas, evaluating over 200 locations to identify environmental hazards, prioritize interventions, and design remediation plans that improved local resilience by 30% in subsequent flood events.
- Managed the construction of 100+ sanitation facilities, training 50+ local workers and ensuring adherence to environmental and safety standards, increasing facility usage by 75% and decreasing the incidence of waterborne diseases.
- Championed the installation of safe drinking water systems in 10+ educational institutions, benefiting 10,000+ students, resulting in elevated school attendance and a 30% reduction in water-related absenteeism among students and staff.
- Designed and implemented community-based hygiene awareness campaigns, reaching 5,000+ individuals, resulting in a 40% increase in the adoption of safe sanitation practices and a reduction in diarrhea disease incidence by 25%.

Construction Supervisor

May 2017 – August 2018

Village Construction

India

- Engineered and administered 8 infrastructure projects including roads, dams, and pipelines, achieving 90% overall adherence to engineering codes and environmental parameters through scheduled inspections and compliance tracking.
- Superintended and validated 150+ laboratory tests for soil, concrete, and water, ensuring full compliance with regulatory specifications and optimizing structural integrity through detailed data validation and materials assessment.
- Executed and audited 60+ environmental site inspections, implementing erosion control and drainage optimization, reducing ecological disruption metrics by 28% through structured field evaluations and impact mitigation protocols.
- Orchestrated and monitored procurement for 200+ compliant material lots, achieving 15% overall cost reduction while meeting sustainability criteria through supplier audits, quantitative sourcing analysis, equipment usage optimization.
- Administered and synchronized daily activities for 30 workers and subcontractors, achieving 20% overall incident reduction by enforcing safety audits, hazard analysis, and structured communication protocols across multi-site operations.

EDUCATION

Diploma in Environmental Technician

September 2021 – April 2023

Loyalist College of Applied Arts and Technology, Belleville

Bachelor of Science in Physics

June 2014 – April 2018

Alphonsa Arts & Science College, India

CERTIFICATIONS

- **UCP Medication Administration Training** - CareRx Corporation November 2024
- **Public Health Approaches to Infectious Disease** - The Open University July 2023