

IVAN THOMPSON

ENVIRONMENTAL ENGINEER MANAGER

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STRENGTHS



Leadership

Fostered a stronger sense of teamwork through supportive mentoring and authentic communication, driving collective success.



Collaboration

Engaged multidisciplinary teams across different stages of projects, cultivating unity toward common goals and streamlined outcomes.



Regulatory Compliance

Demonstrated expert knowledge of environmental regulations, turning complex requirements into actionable tasks for direct application.



Communication Skills

Established clear channels with stakeholders, highlighting transparency throughout project life cycles for enhanced trust.



Problem Solving

Approached challenges proactively, employing innovative solutions that addressed both immediate concerns and long-term objectives.

SKILLS

Environmental Regulations

Project Development

Water Quality Assessment

Compliance Management

Permit Review Procedures

Technical Documentation

Team Leadership

Community Engagement

SUMMARY

Dedicated Environmental Engineer with over six years of experience in managing environmental projects. Proven expertise in guiding engineering teams to ensure compliance with evolving environmental regulations. Led initiatives assessing water quality impacts, establishing effluent limits, and streamlining permit processes to provide timely solutions. Committed to fostering collaboration across stakeholders including citizens and external agencies about regulatory matters and environmental standards. Actively mentored team members, promoting their professional growth through training programs focusing on environmental compliance laws and practices. Eager to advance careers while safeguarding communities and protecting natural resources.

EXPERIENCE

Environmental Engineer

Clearwater Environmental Solutions 📅 June 2022 - Present 📍 Pittsburgh, PA

Manage a dedicated engineering team focused on evaluating permits and ensuring adherence to environmental regulations. Responsible for conducting thorough reviews of technical documents, leading development efforts in crafting effective operational guidelines while overseeing project management tools for timeline efficiency. Engaged directly with regulatory bodies and community stakeholders to address concerns regarding water quality initiatives and permit activities.

- Led the evaluation of permit applications, guaranteeing strict compliance with environmental regulations.
- Developed comprehensive effluent limits that improved local water quality measures.
- Conducted training sessions empowering engineers with updated information about regulatory changes.
- Streamlined application processing timelines, elevating overall responsiveness to stakeholders' inquiries.
- Facilitated interdepartmental collaborations when addressing project challenges, enhancing productivity.
- Maintained detailed electronic records, resulting in heightened accuracy within permit tracking systems.

Environmental Project Engineer

EcoTech Engineering Group 📅 January 2018 - May 2022 📍 Philadelphia, PA

Focused on developing innovative environmental solutions. Worked collaboratively with cross-functional teams to address ongoing project needs, supported regulatory submissions, conducted comprehensive assessments, and championed process improvements to facilitate timely approvals.

- Collaborated with diverse engineering teams on environmental management solutions addressing regulatory standards.
- Evaluated engineering reports meticulously, safeguarding alignment with federal and state benchmarks.
- Authored critical technical documents for regulatory applications that reduced approval wait times considerably.
- Oversaw water quality impact assessments to meet environmental protection guidelines effectively.
- Mentored developing engineers, maximizing skill enhancement through shared insights and practical guidance.
- Strengthened stakeholder relations by initiating open dialogue around project execution leads.

Effluent Limits Development

Data Collection Techniques

Stakeholder Communication

Training Programs

Field Assessments

Engineering Design

Software Proficiency

Analytical Problem-solving

LANGUAGES

English Native

Spanish Proficient

MY CAREER



- Environmental Engineer at Clearwater Environmental Solutions (4.2 Years)
- Environmental Project Engineer at EcoTech Engineering Group (4.3 Years)
- Junior Environmental Engineer at Greenway Environmental Services (1.3 Years)

Junior Environmental Engineer

Greenway Environmental Services 📅 August 2016 - December 2017 📍 Harrisburg, PA

Supported senior staff in organizing documentation for environmental documents and permits. Conducted research on water quality measurements and compliance issues to aid project implementations, providing valuable contributions to community awareness initiatives.

- Assisted in reviewing environmental documentation, laying down groundwork for later approvals.
- Engaged actively in fieldwork to collect pertinent data on water quality monitoring projects.
- Influenced staff training preparedness through thoughtful assembly of educational materials.
- Played an essential role in collaborating with local agencies on environmental outreach programs.
- Contributed substantively to creating reports and presentations for internal and external communication.
- Participated avidly in workshops aimed at continuous learning for environmental professionals.

LEADERSHIP & AWARDS

- Excellence in Environmental Practice Award, 2023
- Best Engineering Team Collaboration, 2022

EDUCATION

Master's Degree in Environmental Engineering

Pennsylvania State University 🎓 GPA: 3.8 📅 2016 📍 University Park, PA

Coursework: Water Quality Management, Environmental Regulations, Project Management, Environmental Impact Assessment

Bachelor's Degree in Civil Engineering

University of Scranton 🎓 GPA: 3.6 📅 2014 📍 Scranton, PA

Coursework: Fluid Mechanics, Soil Mechanics, Structural Analysis, Environmental Sustainability

CERTIFICATIONS

- Professional Engineer License 📅 2021
- OSHA Hazardous Waste Operations Certification 📅 2019

TECHNICAL SKILLS

- **Environmental Technologies:** GIS, Environmental Models, Data Analytics
- **Project Management Tools:** Asana, Microsoft Project, Trello
- **Softwares:** AutoCAD, MATLAB, ArcGIS
- **Analysis Tools:** SPSS, EPA Water Quality Standards, Statistical Software
- **Reporting Frameworks:** MS Office Suite, Environmental Report Generator, SharePoint
- **Regulatory Compliance Strategies:** NEPA Guidelines, RCRA Standards, CWA Requirements
- **Document Management Systems:** DocuSign, PaperTrail, GreenDocs
- **Quality Assurance Protocols:** ISO 14001, QA/QC Standards, Internal Audits
- **Communication Platforms:** Slack, Teams, Zoom
- **Waste Management Practices:** Recycling Initiatives, Landfill Management, Pollution Minimization

PROFESSIONAL AFFILIATIONS

- Member of the American Society of Civil Engineers.
- Contributor to local environmental advocacy committees.

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST