

ROBERT ENVIRONMENTAL

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ENVIRONMENTAL PROFESSIONAL

Accomplished **ENVIRONMENTAL ENGINEER**, with an 8 year leadership record of achievement, with additional expertise in **Information Technology**. Earned *Bachelor of Science in Environmental Engineering*. Demonstrate success in Environmental Compliance and Projects for industrial and commercial facilities with experience building coalitions with regulatory agencies, external groups, commercial entities and the public. Guide development of permits, licenses and regulations with expert monitoring and auditing for facility compliance by using knowledge of State of New York, Federal and International environmental laws and regulations. Resolve problems with calm communications and expert troubleshooting and analytical skills.

EIT/Professional Engineer: Application in Progress. Fluent in English, Dutch and German. Unrestricted right to work in United States (no sponsorship required). *Expertise includes:*

- ISO 9000 / ISO 14000
 - Environmental Audits & Law
 - Waste Management
 - Soil and Groundwater
 - GIS
 - Hazardous Material Storage
 - Remediation
 - Sound Emissions
 - Water
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SELECTED CAREER ACCOMPLISHMENTS

Environmental Compliance Officer, BIG CITY GOVERNMENT, GERMANY

- **Developed and enforced environmental policies and regulations** for a city with 200,000 residents and 5000 companies by expertly managing, guiding and mentoring a 2 person environmental team.
- **Grew license issue and status adjustment rate 60%** by streamlining procedures to inventory industrial zones for company identification, activity analysis and licensure status.
- **Built coalitions with senior management from wide variety of companies and industries**, including small shops and multinationals, by using full knowledge of water, air, soil, energy and sound environmental laws and regulations to complete complex, 6-month long, licensing procedures.
- **Successfully defended gas station licensing procedures and regulations** by collaborating with the city lawyer to prepare the legal case and testifying in court as an expert witness.

Environmental Consultant, EUROPEAN ENVIRONMENTAL COMPANY

- **Sought out** by over 250 small to medium companies throughout Germany **as an external environmental coordinator** based on skill dealing with governmental agencies to gain permits.
 - **Provided expertise on the whole environmental spectrum**, including water treatment, sound emissions, air pollution, soil protection and remediation, energy conservation and environmental licensing.
 - **Slashed waste removal expenditures, increased efficiency and ensured proper environmental licensing** by expertly coordinating resolution of all environmental issues to relocate a major production facility with 2600 employees, including license application, waste management system initiation, instruction writing and safe hazardous material storage implementation.
 - **Guided successful development and implementation of a certifiable ISO 14001 environmental management system for a large paint and adhesives plant** by identifying all environmental requirements, writing procedure manuals and training management and workforce to ensure compliance.
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PROFESSIONAL EXPERIENCE

Senior Web Designer (Contractor with Information Consultant Specialists)

TECHNOLOGY COMPANY, New York, NY

2006 - Present

- **Design and build 4 commercial websites weekly** for small business yellow pages customers by expertly using HTML, JavaScript, CSS, Flash, Photoshop, Illustrator and Dreamweaver software.
- **Position organization for growth** by training and mentoring junior-level web designers and interns.
- **Recognized for excellence** with numerous complements from clients, 2 "Kudos" from co-workers and "exceeding expectations" review from management.

Environmental Compliance Officer

CITY GOVERNMENT, Big City, Germany

2003 - 2006

- **Created governmental environmental policies and regulations** for entire city.
- **Led environmental compliance, permitting and licensure for half of city** by consulting with clients and maintaining quality control and current license status following laws, policies and regulations.
- **Responded to environmental emergencies** as key member of response team.
- **Ensured compliance** by expertly analyzing soil and groundwater, technical and remediation investigation reports.
- **Facilitated environmental operation continuity during a major city departmental reorganization** by representing a 15-person Environmental Licensing Department, demonstrating superb networking and management skills while communicating serious concerns to senior management.

Project and Account Manager

ENVIRONMENTAL INTERNET COMPANY, Another City, Germany

2001 - 2003

- **Increased sales \$60,000** by selling websites to international business customers and providing liaison throughout development process between client and programmers for database driven websites, using HTML, PHP, SQL, JavaScript and Flash.
- **Ensured project success** by expertly translating client requirements into functional and technical design documents for development team use.
- **Increased company revenues, improved efficiency and reduced client costs** by developing a comprehensive software package for national and international funeral business clients.

Environmental Consultant

ANOTHER ENVIRONMENTAL COMPANY, Another City, Germany

2000 - 2001

- **Sought out by companies** for expert consulting to resolve **ISO 9000 waste and quality system and ISO 14000 environmental management system** issues.

Environmental Consultant

EUROPEAN ENVIRONMENTAL COMPANY, Another City, Germany

1996 - 2000

- **Consulted with companies throughout Germany** by providing expertise on licensing, environmental law, soil and groundwater investigations, creation of plans for pollution and waste prevention and implementation of environmental management systems.
- **Demonstrated expertise** in sampling of soil, groundwater, surface water and emissions.
- **Improved communication and project coordination** by developing, implementing and maintaining internet and intranet websites for BMD locations in 13 separate regions in Germany.

EDUCATION & TRAINING**Bachelor of Science in Environmental Engineering (Chemical Engineering)**

UNIVERSITY OF GERMANY, Capitol City, Germany, 1996

Intern, European Environmental: Determined licensing requirements for companies based on ISO 14000.*Intern, An Environmental Company:* Researched environmental impact of photovoltaic solar cell production.

Storage of Dangerous Goods PGS-15 • Guidelines for Storage and Soil Protection • Sound Emissions Communications • Enforcing Guidelines for Storage of Fireworks • Constitutional and Administrative Law

TECHNICAL EXPERTISE

Hardware: Custom PC Configuration, LAN Technology

Operating Systems: Windows, MS DOS, Linux, UNIX, Apple OS

Web Servers / Databases: Apache HTTP, PHP, MySQL, Mambo, Access

Programming: PHP, HTML, CSS, DHTML, XML, JavaScript, Flash Actionscripting, SQL, C++, Mambo

Software: Microsoft Office (Word, Excel, Access, PowerPoint), Adobe (Photoshop, Flash, Illustrator, Dreamweaver), FTP

SELECTED ENVIRONMENTAL PROJECTS

Developed Site Environmental License for Semiconductor Company, Big City, Germany

Context: Semiconductor Company is a leading supplier of semiconductor processing equipment for wafer processing. Semiconductor Company sought to expand from 2,250 square meters to over 5,200 square meter processing space by transferring processes, production lines, storage capacity and employees from their headquarters. The existing license did not cover the changes.

Challenge: Issue environmental license to Semiconductor Company to ensure environmental compliance with no objections by public or surrounding companies.

Action: Built coalitions with company personnel, effectively meeting with and working with the plant environmental coordinator and company's external consultant to ensure proper processing for the licensing process. Issued questionnaire to obtain detailed environmental information on the company.

Obtained and analyzed the detailed information. Assessed air emissions and risks, identifying welding, test gas use, solvents, coolants, kitchen emissions and air treatment sources. Analyzed sound emission acoustic report. Evaluated soil contamination risks, identifying possible sources, including coolant, hazardous materials in warehouse, batteries, R&D processing and production workshop. Audited external safety risks, identifying issues with gas storage, hazardous material storage and safety plan. Identified opportunity to reduce waste by recycling plastic foil, paper, cardboard and metals, a significant portion of 200 tons generated yearly. Investigated options to conserve energy.

Verified report accurately described facility environmental operations. Wrote first draft for license based on environmental report by applying knowledge of German and European environmental laws to create detailed sections, including introduction, legal background, environmental assessment and explanation of the application of rules and regulations for each environmental area. Published first draft for public comment.

Results: Set up enforceable license which covered all environmental aspects within required timeframe which met German General Administrative Law Act requirements with no objections by public or surrounding companies. Created a long lasting open relationship between the company and city officials.

Health Center Regulation for BIG CITY ORGANIZATION, Big City, Germany

Context: Big City Organization is an umbrella organization for 22 primary health centers in Big City's residential areas with general practitioners, pharmacies, physiotherapy, obstetrics, pediatricians (infant and children), social care, dietetics, home care and geriatric care operations.

Challenge: Ensure compliance with sound emissions, waste management and environmental storage requirements for Big City Organization's centers with all required environmental licensing.

Action: Networked with Big City management to identify health centers environmental issues, including sound emissions caused by heating / air conditioning systems and traffic, waste management and storage of hazardous materials. Created, disseminated, collected and analyzed detailed environmental questionnaire. Visited each health center to confirm geographical and environmental data. Updated city database and initiated licensing procedures for each location.

Results: Implemented 5 new licenses in compliance with the German General Administrative Law Act, adjusted 7 licenses, issued 4 publications and updated the city GIS / Environmental Management system.

SELECTED ENVIRONMENTAL PROJECTS (CONTINUED)

New GIS Register of Risks from Hazardous Substances, Big City, Germany

Context: In 2000, a fireworks plant exploded, killing 22 people with over 500 million Euros damage. A few months later, a fire at a bar and disco killed 13 people and left 120 seriously wounded. As a result, the German Government enacted a national GIS-based Risk Management System to identify risk factors for environmental and hazardous substances based on location of airports, hazardous material transportation routes, accident risks, flooding risks, fire risks and industrial risks. As part of this system, the German Government created a Register of Risks from Hazardous Substances (RRGS) as a central repository for administrative and geographical risk data for the use, storage and transportation of hazardous substances.

Challenge: Deliver and enter relevant data in the new RRGs system.

Action: Attended German governmental meeting to learn more about the project. Inventoried all possible sources of risk in Big City based on internal database system information, company file library, knowledge of colleagues and input from the Big City Fire Department and other city agencies. Visited companies and other locations to verify information on location and local risks. Calculated risk factors and collaborated with companies for them to perform risk assessments. Entered all relevant geographic and risk data into the special GIS RRGs database based on results of the risk assessment. Wrote procedures to identify and register new risks in the future.

Results: Met schedule to enter all relevant geographical and risk data into the RRGs system. Created a detailed map for local governmental authorities to use for daily work. Developed public map with global risk information about companies in their vicinity. Used project to develop priority for environmental enforcement actions and update city's GIS / Environmental Management system.

New Marina Licensing Regulation for the BIG CITY, Big City, Germany

Context: In 2004, a new general license for marinas was enacted.

Challenge: Ensure compliance with new general license requirements and initiate licensing and publishing for marinas which did not fall under the new license requirements.

Action: Identified all 7 marinas within the city and checked licensure status in city database. Visited each marina to verify geographic location and assess environmental compliance including propane bulk tank storage, underground and above ground fuel storage, hazardous material storage, waste management, air emissions, soil protection, water protection and sound emissions. Issued letters and publication forms for new general license where applicable and initiated new licensing procedures for marinas not covered with the new general license criteria. Updated city database with new information.

Results: Implemented 6 publications in compliance with the new general license, adjusted 1 existing license and updated the city GIS / Environmental Management system.

SELECTED ENVIRONMENTAL PROJECTS (CONTINUED)

New Procedure to Inventory Industrial Zones for the BIG CITY, Big City, Germany

Context: The City of Almere used a GIS / Environmental Management system (GMIS) for information to represent the location and environmental compliance information for all industrial and company activities in the city. The city used the information to analyze work areas, set priorities and give environmental officials key information needed to prepare company audits.

Challenge: Ensure system was up to date.

Action: Developed new procedure to quickly inventory each location (street or city block). The procedure had the following steps: Define location and obtain existing information in the GMIS. Cross reference data with information from other databases. Visit the location to check for changed and new information. Tested system on 117 locations, identifying 37 correctly described locations, 8 locations with changed information, 34 locations with new information and 38 locations with new information which needed further investigation.

Results: Resulted in 8 new licensing actions and 30 new announcements for global licenses. Implemented new procedures throughout department. Coupled GMIS system with city tax system to create automatic alerts for changes.

Developed Site Environmental License for new Windmill Park, Big City, Germany

Context: In 2004, the department received a petition to build a new windmill park with 10 windmills alongside a highway.

Challenge: Issue environmental license to client to ensure environmental compliance with no objections by public or surrounding companies.

Action: Determined environmental aspects for project by conducting online and archival research. Met with client to discuss project and issue detailed questionnaire to obtain critical information on the project, including detailed blue prints, technical data, exact location, environmental reports and certificates.

Built coalitions with neighboring city officials since environmental aspects could affect their city by using excellent communication skills to ensure participation at an early stage. Checked with higher government officials to ensure proper level of authority for approving project. Worked with windmill specialists and traffic safety experts to ensure proper use of technical information.

Obtained and analyzed the detailed information. Audited acoustic report for sound pollution. Assessed risk to soil from transformers and gear system leakage. Analyzed light scattering model, determining need for further investigation as technology improves in future. Evaluated possible external safety risks from windmill blade breakage near a highway, ice formation on blades near a highway and whether system met technical certification requirements. Reviewed effect on ecology, including an Environmental Risk Assessment report detailing possible disturbance of bird migration routes.

Verified report accurately described facility environmental operations. Wrote first draft for license with detailed sections, including introduction, legal background, environmental assessment and explanation of the application of rules and regulations for each environmental area. Published first draft for public comment with no objections.

Results: Set up enforceable license which covered all environmental aspects within required timeframe which met German General Administrative Law Act requirements with no objections by public or surrounding companies. Created a long lasting open relationship between the company and city officials.