

Peter M. Krasnoff, P.E.

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*Cost Estimating
Remedial Investigation and Design
Environmental and Sanitary Engineering*

Education

M.S. Sanitary/Environmental Engineering,
University of California at Berkeley

Bachelor of Civil Engineering, Georgia Tech
Magna Cum Laude, Co-Op Degree

Registration

Professional Civil Engineer, California - C44031

Organizations

American Association of Cost Engineers
American Society of Civil Engineers
American Water Works Association
International Association on Water Quality
International Ozone Association

Areas of Expertise

Mr. Krasnoff has managed all phases of projects involving hazardous site remediation, including preliminary investigations, permitting, design, and construction for projects requiring removal and or control of hazardous materials at sites ranging from gasoline service stations to state and federal Superfund Sites.

Mr. Krasnoff has conducted numerous evaluations and third party reviews and provided expert testimony in matters involving releases of hazardous wastes to soil, ground water and air. These activities have been supported by Mr. Krasnoff's expertise in applied environmental chemistry and engineering. Mr. Krasnoff has specialized expertise in industrial and hazardous waste treatment and management. He also has extensive experience in the design and evaluation of water and wastewater treatment facilities.

Mr. Krasnoff has provided analysis and review of water and soil chemistry, hydraulic and hydrologic modeling and technical and economic evaluations of treatment systems for ground-water, soil and industrial waste for a variety of concerns ranging from chlorinated organics to heavy metals removal. Mr. Krasnoff has also conducted regulatory negotiations to establish cleanup goals and obtain permits for site remediation and has prepared CERCLA, RCRA and NPDES documents. These activities have been supported by Mr. Krasnoff's extensive experience in cost estimating and construction.

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Project Experience

Mr. Krasnoff's recent project experience includes:

Design and implementation of investigations and evaluations that resulted in no further actions for a former galvanizing facility, Berkeley, California.

Implementation of site investigations and remedial actions for a 44 acre industrial and commercial assemblage of properties with PCE and petroleum hydrocarbon releases.

Closure for a former slag site with approval for residential development, Fremont, California.

Development of site remediation cost estimates as part of a liability assessment for 32 service stations, California and Alaska.

Design of remediation and implementation of IRMs at lead smelter site.

Expert review of regarding releases from a hazardous waste treatment facility.

Management of site investigations and preparation of remedial plans for numerous chlorinated solvent (PCE, TCE, TCA) release sites.

Design and installation of a groundwater remediation system for treatment of MTBE.

Design of a 2.3 MGD potable water treatment system for the removal of organic solvents that contaminated a drinking water aquifer.

Development of expert opinions regarding the source of solvent release, Pennsylvania.

Expert testimony regarding the source of contamination pursuant to a RCRA cost recovery action.

Expert testimony regarding the failure of a gasoline underground storage tank.

Development of expert opinions regarding the closure of a Class 1 Hazardous Waste Landfill pursuant to a CERCLA cost recovery action.

Development of expert opinions regarding the source of contamination and cost of remediation for 26 fuel leak sites, California and Nevada.

Development of expert opinions regarding costs and proposed remedial technologies for a chlorinated solvent release, California.

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Professional Work Experience

WORLD ENVIRONMENTAL SERVICES & TECHNOLOGY, INC.,
San Rafael, California

Principal Engineer: Mr. Krasnoff is the responsible engineer for this environmental engineering firm serving both the public and private sector. Mr. Krasnoff has provided complete project management and engineering design services for projects involving complex water and waste treatment to development of community domestic sewage systems. Mr. Krasnoff has supervised the preparation over 100 technical reports and engineering designs involving investigation, remediation, closure and permitting of hazardous waste sites in compliance with CERCLA and State hazardous waste regulations.

LFR-LEVINE-FRICKE, INC., Emeryville, California

Senior Associate: Mr. Krasnoff was group manager for preparation of plans and specifications for the Emeryville, California office of this 700 person consulting firm. Mr. Krasnoff worked on the design of over 30 hazardous/industrial treatment projects including projects ranging from service stations to Superfund Sites. Mr. Krasnoff managed the design department

and provided QA/QC on engineering drawings and documents. Mr. Krasnoff prepared numerous CERCLA related engineering evaluations and designs as well as RCRA and State hazardous waste related closure documents.

MONTGOMERY-WATSON, Walnut Creek, California

Project Engineer: Mr. Krasnoff was a project engineer conducting site investigations and development of remedial plans for hazardous and industrial wastes. Mr. Krasnoff worked on numerous site remediation projects involving evaluation and compliance with CERCLA, TPCA, RCRA and CWA regulations.

CH2M-HILL, Emeryville, California

Project Engineer: Mr. Krasnoff was responsible for the preparation of utility master plans and infiltration/inflow study reports. Mr. Krasnoff developed the cost database that was used for the evaluation of cost-effectiveness determinations for EPA grant funding. Mr. Krasnoff designed and managed the data collection for modeling of existing wastewater collection/treatment systems. Mr. Krasnoff also worked on storm water monitoring and management.

EISENHOUR CONSTRUCTION CO., INC., Denver, Colorado

Project Engineer/Estimator: Mr. Krasnoff prepared cost estimates and managed the construction of projects ranging from \$1-20 million, involving concrete, soils and underground utilities throughout the United States for this top 25 heavy contractor. He prepared complete cost estimates and developed in-house software for construction cost analysis and scheduling.

U.S. ARMY CORPS OF ENGINEERS, WATERWAYS
EXPERIMENT STATION, Vicksburg, MS

Engineer: Mr. Krasnoff worked on design and layout of scaled hydraulic and computer models to evaluate the effects of wave action on shoreline erosion at the Waterways Experiment Station. He calibrated models and evaluated the effects of proposed modifications to existing harbors and beach areas.

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Honors

1986 Graduate School Award from the School of Environmental Engineering
1985 McCarthur Foundation Fellowship
1980 Tauman Company Scholarship
1976 Rhodes Scholar Nominee

Publications and Invited Presentations

Krasnoff, P. M., Russell, L. L., Design of Remediation of Former Smelter in Wetlands Area along San Francisco Bay. Proceedings of the Water Pollution Control Federation Conference, Washington, D.C., October, 1989.

Russell, L. L., Krasnoff, P. M., Mallevalle, J., Design of Full Scale Colored Water Treatment System, Proceedings of the International Ozone Association, San Francisco, September, 1993.

Krasnoff, P. M., Treatment and Management of Construction Dewatering Wastes, Association of General Contractors, San Diego, March 1995.

Russell, L. L., Krasnoff, P. M., Remediation for the Cypress Freeway Reconstruction Project, Proceedings of the 10th Annual Hazmacon, April, 1995.

Environmental Compliance for the Biotechnology Industry, Invited Presentation, Baxter Healthcare Corporate Meeting, April 1994.

Environmental Engineering for Chemical Engineers, presented at the University of California at Berkeley, Chemical Engineering Lecture Series, September 1992.