

## Stu Clark

*Principal Waste and Recycling Consultant*

### Areas of Expertise

- Solid Waste, Organics & Recycling
- Permitting – Solid Waste, Land Use, CEQA
- Technical Peer Review Services
- Project Management Services
- Public Speaking
- Environmental Compliance
- Regulatory Coordination
- Integrated Waste Systems
- Anaerobic Digestion/Bio Energy
- Strategic Planning Services
- Environmental Policy Development
- Communication Facilitation
- Business Administration
- Technical Writing

### Professional Background

Mr. Clark is an innovator in the industry with 40 years of experience in recycling and solid waste. As a pioneer in bringing recycling to curbsides throughout America, Stu implemented first of a kind programs for the cities of San Jose, Seattle, Long Beach, Santa Rosa, San Diego, Healdsburg and many more. Stu's work changed social awareness on a broad basis, helped integrate recycling into the traditional trash business, paved the way for the passage of the landmark legislation, AB 939, and laid the foundation for the high levels of recycling we all enjoy today.

Mr. Clark started his career in 1978 as a recycling sorter at a small independent waste company, and retired 21 years later from his position as a regional vice president of a prominent waste firm, where he was directly responsible for an area that included 3,400 employees at 25 operating divisions from Fresno to the Oregon border. Now, as a professional consultant, Stu brings this in-depth experience to DEI clients. Because his work experiences range from working a sort line and driving a route truck, to senior management and practically everything in between, Stu's expertise goes beyond mere theory to incorporate his hands-on perspective related to the many complex facets of today's solid waste, organics and recycling systems.

Stu's executive experience includes direct day-to-day management of large scale recycling and solid waste collection services, material recovery facilities, yard and wood waste recovery, landfill services, transfer stations, bio solids management, tire recycling, e-scrap recovery programs and renewable energy projects.

A partial list of Mr. Clark's consulting service experience includes permitting and entitlement services for landfills, transfer stations, composting sites, and material recovery facilities, analysis of solid waste transportation related GHG emissions, technical review of mixed waste and source separated processing systems, collection rate impact analysis, strategic plan development for long term public solid waste policy, joint bio gas utilization evaluation involving waste water

digestion and adjacent landfill gas operations, and the development of a compost zero discharge plan in conjunction with a regional water quality control board and a joint powers authority.

## **Employment History**

### **D. Edwards, Inc. Northern California • 2007 – Present**

#### *Principal Consultant*

Provision of strategic solid waste, recycling and environmental consultancy services for public entities, private waste companies, conversion technology, renewable energy and various other clients. Client services have included: conducting feasibility analyses; technical peer reviews; evaluation of anaerobic digestion systems; solid waste, recycling, and organics market analyses; conceptual design and capital cost estimate reviews for solid waste facilities; coordination of land-use permits and entitlements for solid waste facilities and infrastructure development; complex project management services; routing and transportation analysis.

### **Stu Clark Consultancy • 1999 – 2007**

#### *Principal*

Provision of a range of solid waste and environmental consultancy services, including strategic planning, proposal and contract development, marketing, program design, etc., for various industry clients.

### **Waste Management, Inc. • 1986 – 1999**

#### **Regional Vice President, Northern California • 1996 – 1999**

Managed regional operations including a workforce of 3,400 employees, 25 operating locations, and an annual operating budget of over \$600 million. The operations included multiple landfills, transfer stations MRF's, green waste processing, tire recycling, residential, commercial and industrial recycling and solid waste collection services, e-waste recovery and landfill gas to energy projects. In this position held overall responsibility for all phases of operations including profit and loss.

#### **Regional Vice President, Los Angeles Area • 1994 – 1996**

Managed regional operations in Los Angeles and Ventura Counties that included multiple landfills, transfer stations MRF's, green waste processing, residential, commercial and industrial recycling and solid waste collection services and landfill gas recovery projects. Managed an annual budget of \$150 million and a workforce of approximately 500 employees. Held overall responsibility for all phases of operations including profit and loss.

#### **Director of Recycling, Western Region • 1987 – 1994**

Managed the integration of recycling programs into the company's existing solid waste services throughout the Western United States. Provided technical and policy direction to the company on a national basis. Responsible for heading up the implementation of new pioneering recycling programs for numerous cities, including, Seattle, Long Beach, Santa Rosa, Irvine and more. Provided counsel on the development of AB 939 and other legislative issues. Designed and managed material recovery facilities to support new collection programs.

## **Empire Waste Management • 1978 – 1987**

### ***1984 – 1987 – Recycling Manager***

Managed the collection, processing and marketing activities for the company's recycling operations throughout northern California. Developed the Country's first large scale municipal curbside collection contract in conjunction with the City of San Jose, CA. Managed the marketing activities for all recovered recyclables from the company's diversion programs. Developed an educational program for Sonoma County schools.

### ***1981 – 1984 – Material Recovery Facility Manager***

Managed the expansion and operation of the company's material recovery facility, which supported the collection and diversion programs operated in conjunction with the municipal contract services.

### ***1978 – 1981 – Recycling Sorter, Driver and General Operations***

Performed various operations functions including residential, commercial and roll-off driver, bin repair, recycling sorter, and utility relief.

## **Education**

Liberal Studies, Sonoma State University

## **Selected Project Experience**

- MRF Feasibility Analysis – County of Santa Barbara
- Land-use permit modification for an operating landfill in northern California
- Wet-Dry Routing Analysis – City of Santa Barbara
- Sonoma County Committee Chair, Long Term Strategic Solid Waste Planning – SWAG
- Compost Zero Discharge Plan – Sonoma County Waste Management Agency
- Sonoma County Waste Diversion Analysis
- Strategic Market Evaluation and Economic Analysis of Rate Levelization Plan – LACSD
- Southern California Edison Transmission Line – Permitting Coordination
- Waste System Analysis and Improvement Plan for LA Skid Row Business District – LA Bureau of Sanitation
- Greenhouse Gas and Air Quality Impact Analysis for VMT Variance Review
- Pre-Processing Evaluation – Synergy Renewables Waste to Energy Facility, Puerto Rico
- Waste Market Analysis and Landfill Valuation – Sasser, Cestero, & Sasser

## **Other Qualifications**

- Board Member – Sonoma County AB 939 Local Task Force
- Past Committee Chair – Sonoma County/City Solid Waste Advisory Group (SWAG)
- Guest Instructor – Environmental Studies Extension Courses at UCLA, UC Irvine, UC Davis and Irvine Valley College
- Past Board member – National Recycling Coalition