

Alameda County Illegal Dumping Task Force
2nd Annual Statewide Conference
Wednesday, April 20, 2022

Panel Discussion:
The Costs of Illegal Dumping

Moderator: Peter Schultze-Allen, CPSWQ, EOA, Inc.
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Panelist Bios



Stephanie Becker

CalRecycle



Violet Henderson

Researcher

Stephanie Becker recently transitioned in CalRecycle to Illegal Dumping Technical Advisory Committee (IDTAC) coordinator. Previously she managed their Farm and Ranch Solid Waste Cleanup and Abatement Grant and supported the Tire Amnesty and Cleanup Grants. Stephanie has worked on a wide range of environmental, public health, and social change campaigns, including the FlexAlert energy conservation program. She holds a bachelor's degree in Public Relations and Marketing from CSU Sacramento. She joins community cleanups.

Violet is a long-time resident of West Oakland and has had a long career in zero waste and municipal waste reduction. Before retirement, Violet worked as Zero Waste Coordinator for San Francisco Municipal Transportation Agency (SFMTA). While employed, she created a training program for her peers to demonstrate how to sort waste, preventing recyclables and compost products from entering the landfill. After entering UC Berkeley in the fall of 2018, Violet, a mother, and grandmother was awarded several research scholarships to investigate the physical and emotional health effects of illegal dumping on the community, which she is currently crafting into a senior thesis. Violet will be graduating in May with a BS in Conservation Resource Studies and a BA in African American Studies.

Panelist Bios



Bill Crotinger
Argent Materials, Inc.

In 1989 Bill lived in Northern Idaho where he grew up and worked as a ranch hand. That year he visited Southern California to attend his brother's wedding. He never went home. Within a very short period of time, he had married his high school sweetheart, relocated to California, and found his second love; Recycling Concrete and Asphalt. Over 30 years and millions of tons later he continues to love the business and its inherent sustainability aspects and the opportunities he has to give back to the communities that embrace the work that he does.



David Stratton
WM

David Stratton is the Area Director of Finance and Business Partner for WM's operations in Northern California and Nevada. David, a Certified Public Accountant, has been with WM and its' affiliates since 1998. His team is responsible for financial accounting, billing, reporting and financial analysis for the markets in Northern California and Nevada. David has spent his entire WM tenure supporting the Northern California/Nevada region, and currently lives in Reno, Nevada. He holds a BS in Business/Accounting from California State University at Chico.

Types of Costs Related to Illegal Dumping

- Financial (state, municipal, hauler, private sector)
- Physical/Emotional (personal and community)
- Community (blight)/Environmental Justice/Equity
- Environmental (soil, water, air, animal)
- Legal (regulatory and liability)

Financial Cost Factors and Metrics

Factors

- Municipal Costs
 - Removal (Labor & Equipment)
 - Disposal
- Franchised Hauler Costs
 - Removal (Labor & Equipment)
 - Disposal
- Private Sector Costs

Metrics

- Annual total cost
- Annual total incidents
- Annual total tons collected/disposed
- Annual total volume (cy) collected
- Average \$ per ton collected
- Average \$ per incident collected
- Average tons per incident
- Average volume (cy) per incident

Financial Costs Are Going Up!

One Example (based on actual data)

- A Medium-Sized SF Bay Area City:
 - \$300,000 for 1377 incidents in 2021
- City's Franchised Hauler Costs:
 - \$800,000 for those 1377 incidents in 2021
- Anecdotaly, 2021 tons/incident has doubled
- Total Costs for 2021
 - \$1,100,000 for year
 - ~\$800/incident
- Total Costs in 2006
 - \$202,000 for year

Year	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
No. of Events	966	1,844	1,637	1,050	1,062	1,023	1,377