

## JAMES J. KIM

### Education

BS – Environmental Biology and Management, University of California, Davis, 2008

### Specialty Certifications

Occupational Safety and Health Administration (OSHA) Hazard Waste Operations Emergency Response (HAZWOPER) 40-Hour and 8-Hour Refresher Training

### Professional Experience

Mr. Kim is a project professional with 11 years of experience involving air quality compliance and permitting, greenhouse gas (GHG) inventories, air monitoring at landfills, and environmental compliance. His work at SCS includes preparation of annual GHG reports, annual Landfill Methane Rule (LMR) reports under Assembly Bill (AB) 32, Title V permit applications, permit renewals, landfill gas collection and control system (GCCS) design plan updates, Annual Emission Reports, Emission Inventories, and New Source Performance Standards (NSPS) and Startup, Shutdown, and Malfunction (SSM) compliance reports. His project experience is summarized below.

#### Landfill

**Watson-Ascon Landfill, Carson, CA.** Mr. Kim prepared Annual Emissions Reports (AERs) for the Watson-Ascon Landfill.

**Montauk Energy, CA.** Mr. Kim prepared air quality permit applications and an alternative sulfur monitoring plan for the Frank R. Bowerman (FRB) Landfill GCCS.

**Ameresco, Inc.** Mr. Kim prepared permit applications at Chiquita Canyon Landfill, Risk Management Plan (RMP) exemption letters, and construction air permitting applications for the Johnson Canyon Landfill, and provided air permitting revisions for the Foothill Landfill, all in California.

**Waste Management, Inc. (WM).** Mr. Kim prepared permits for construction, Title V permit applications, treatment exemption applications, flare and engine permitting applications/modifications, sulfur treatment applications, exemption applications for engines, permit modifications for Best Available Control Technology (BACT), multi-location permit applications, annual and semi-annual NSPS compliance reports, annual Title V reports, annual compliance reports, AB 32 Landfill Methane Rule (LMR) modification letters, Title V permit renewals, GHG assessments, GCCS design plan permit modifications and updates, air modeling for landfill gas-to-energy (LFGTE) permits, annual Rule 1150.1 compliance plans and surface emission monitoring (SEM) plans, AB 32 GCCS modification permit applications, comprehensive emission inventory reporting, California Environmental Quality Act (CEQA) offset reports, Annual Emission Reporting (AER) variance reports, Annual 8-34 reports, annual mandatory reporting regulation (MRR) GHG reports, monthly tracking sheets, emission inventory reports, and condensate applications for various WM sites: Lockwood, Simi Valley, Columbia Ridge, Lancaster, El Sobrante, Antelope Valley, Bradley, Oyster Bay, Riverbend, Gray Wolf, Painted Desert, Northwest Regional, Butterfield, Rio Rancho, Marana, Dudleyville, Sierra Estrella, San Juan, and Ironwood MSW/Non-MSW Landfills.

**Republic Services, Inc., CA.** Mr. Kim prepared annual and semi-annual NSPS, SSM, and Title V reports for Azusa, Imperial, Otay, Sunshine Canyon, and Sycamore Landfills in California. He also prepared AER reports, annual AB 32 LMR reports, annual MRR GHG reports, Higher Operating Value reports, breakdown/variances, NESHAP extension letters, permit applications, expansion evaluations, and NESHAP Notification letters for various Republic sites.

**San Bernardino County, CA.** Mr. Kim prepared annual and semi-annual NSPS and SSM reports for Mid-Valley, Milliken, San Timoteo, and Big Bear Landfills in California. He also prepared quarterly, Annual Rule 1150.1 reports, and MRR GHG reports for Barstow, Colton, Heaps Peak, Mid-Valley, Milliken, San Timoteo, and Victorville Landfills. In addition, he prepared the AER reports for Mid-Valley and comprehensive emissions inventory reporting for Victorville, Landers, and Twenty-Nine Palms. He prepared the condensate/leachate Title V modification for San Timoteo Landfill. He prepared engine permit applications and Rule 1118.1 Notifications for San Timoteo and Mid-Valley Landfills. He also prepared the Semi-Annual NMOC reports for Barstow Landfill and the Annual NMOC Report for Hesperia Landfill.

**City of San Diego, CA.** Mr. Kim prepared GCCS design plans, Higher Operating Value (HOV) demonstrations, GHG monitoring plans, annual AB 32 LMR and MRR GHG reports for North Miramar, South Chollas, and West Miramar Landfills in California. He prepared permit applications for the West Miramar Landfill, as well as Semi-Annual NSPS/SSM/Title V reports for North Miramar, West Miramar, and South Miramar Landfills.

**San Diego County, CA.** Mr. Kim prepared Title V renewals, semi-annual NSPS, SSM and Title V reports, and the annual AB 32 LMR and annual MRR GHG reports for San Marcos Landfill; the annual AB 32 LMR for Bonsall Landfill; the annual AB 32 LMR for Encinitas Landfill; and the annual AB 32 LMR for Jamacha Landfill, all in California. He provided annual GHG reporting for emissions inventory requests and annual reports for the following County landfills in California: Bell Jr., Bonsall, Encinitas, Gillespie, Hillsborough, Jamacha, Palomar Airport, Poway, San Marcos, and Valley Center. Lastly, he reviewed air permit requirements for Bell Jr. and Hillsborough Landfills.

**City of Palo Alto, CA.** Mr. Kim prepared a Heat Input Capacity (HIC) report, annual AB 32 LMR report, and semi-annual NSPS, SSM, and Title V reports for the City of Palo Alto.

**Flathead County, CA.** Mr. Kim prepared a GHG monitoring plan and annual MRR GHG reports for Flathead Landfill in California.

**Fresno County, CA.** Mr. Kim prepared an HIC, an annual AB 32 LMR, an annual MRR GHG report, semi-annual NSPS, SSM, and Title V reports, a Title V renewal application, and a GCCS design plan for American Avenue Landfill in California. He also prepared an HIC, a closure notification, and AB 32 and GHG applicability for Coalinga Landfill in California; and a SEM work plan, an HIC, AB 32 exemption letters, a Waste-in-Place Report, and an Authority to Construct (ATC) Application for Southeast Regional Landfill in California.

**Kern County, CA.** Mr. Kim prepared Title V renewal applications for Taft, China Grade, and Bena Landfills.

**Waste Connections, LLC.** Mr. Kim prepared Chiquita Landfill's Semi-Annual NSPS/SSM, Title V and Annual Title V Reports, GHG MRR Reports, Annual Rule 1150.1 Reports, Title V modification for HOV wells, AER reports, GCCS design plans, Title V revisions, Title V renewal, sulfur treatment plan permit application, engine permit application, leachate tank permit application, and Rule 1118.1 notification.

**Santa Maria Landfill, CA.** Mr. Kim prepared semi-annual compliance verifications and conducted routine compliance monitoring.

**Industry Hills, CA.** Mr. Kim prepared an AER report.

**28th Street Landfill, Sacramento, CA.** Mr. Kim prepared a flare permit to construct/permit to operate and Title V modification application.

**Mountaingate Landfill, Los Angeles, CA.** Mr. Kim prepared Quarterly Rule 1150.1 Emissions Monitoring Reports and an Emergency Variance Report.

**Eastern Slag Pile, Fontana, CA.** Mr. Kim prepared Quarterly Rule 1150.1 Emissions Monitoring Reports.

**Prominent Systems, Inc., City of Industry, CA.** Mr. Kim prepared a permit to construct/permit to operate for an activated carbon reactivation system.

**Cal Compact, Carson, CA.** Mr. Kim prepared Annual AB 32 LMR/Rule 1150.1 reports, Quarterly Rule 1150.1 Reports, and a Rule 1150.1 Alternative Compliance Plan.

**Yorba Park Landfill, Orange, CA.** Mr. Kim prepared a condensate tank application and permit modification.

**IBC East, City of Industry, CA.** Mr. Kim prepared a Rule 1150.1 Alternative Compliance Plan, Quarterly Rule 1150.1 Reports, and Annual Rule 1150.1 report.

**Pick Your Part, Wilmington, CA.** Mr. Kim prepared a permit modification application.

**Salt River, Scottsdale, AZ.** Mr. Kim prepared a GCCS design plan update and Semi-Annual NSPS/SSM/Title V reports.

**Savage Canyon, Whittier, CA.** Mr. Kim prepared Annual Rule 1150.1 reports and the Annual GHG report.

**Apex Regional Landfill, Las Vegas, NV.** Mr. Kim prepared the Asbestos 10-Day Notification letter.

**Monterey Peninsula, Monterey County, CA.** Mr. Kim prepared the BACT analysis.