

MELISSA R. ST. JOHN, MOLO, REHS

Education

MA – Organizational Management, University of Phoenix, 2003
BS – Animal Science, University of California, Davis, 1989



Specialty Certifications/Training

SWANA certified Manager of Landfill Operations (MOLO, No. 40209)
CARB EPA Method 9 Visible Emissions Evaluation (No. 20388)
Registered Environmental Health Specialist (REHS, No. 6212)
OSHA 40-Hour HAZWOPER Training

Professional Affiliations

California Environmental Health Association (served on Board of Directors for 10 years; held position of President in 2005)
Central California Sierra Chapter of SWANA (served on Board of Directors for the past 9 years; currently serving as Past President)

Professional Experience

Melissa St. John has over 18 years of progressive experience in solid waste compliance, project management, and landfill gas collection and control system (GCCS) operation, maintenance, and monitoring (OM&M), as well as compliance reporting. She is a SWANA certified Manager of Landfill Operations and a Registered Environmental Health Specialist (REHS). Prior to joining SCS, Melissa managed project compliance and reporting projects as a senior project scientist and air quality scientist at two other firms. As a Project Manager at SCS, she is responsible for performing activities related to air quality consulting that include, but are not limited to air permitting; oversight of air testing, sampling, and monitoring; OM&M and compliance; document and proposal preparation; and business development.

Melissa's notable project experience is summarized below.

Landfill Gas Management

Recology, GCCS OM&M and Reporting at Yuba-Sutter Landfill, Yuba City, CA. As Project Manager, Ms. St. John was responsible for implementing the requirements of the facility's Permit to Operate from the Feather River Air Quality Management District (FRAQMD); scheduling field work for LFG OM&M; and completing associated compliance reports. The landfill was closed, and the GCCS consisted of vertical landfill gas (LFG) extraction wells and an enclosed flare. The site had unique compliance requirements and challenges due to its age and location adjacent to a river, as well as the transfer station and compost facility location over the landfill (2013–2019).

Recology, GCCS OM&M and Reporting at Hay Road Landfill, Vacaville, CA. As Project Manager, Ms. St. John was responsible for implementing the requirements of the facility's Title V Permit to Operate; scheduling field work for LFG OM&M; and completing associated compliance reports. Other required monitoring and reporting included implementation of the California Landfill Methane Regulation (LMR) and greenhouse gas (GHG) requirements. The GCCS at this site included over 100

gas extraction wells, an enclosed flare, and conveyance of LFG to an LFG-to-energy (LFGTE) plant that was owned and operated by a separate company, but also located at the facility (2010–2019).

Recology, GCCS OM&M at Ostrom Road Landfill, Wheatland, CA. As Project Manager, Ms. St. John was responsible for implementing requirements of the facility's Title V Permit to Operate, scheduling field work for LFG OM&M; and completing associated compliance reports. Other required monitoring and reporting included implementation of the California LMR and GHG requirements. The GCCS at this site included over 100 gas extraction wells, 2 enclosed flares, and conveyance of LFG to an LFGTE plant with 2 internal combusting engines. The LFGTE plant was owned and operated by a separate company, but also located at the facility. She was also responsible for implementing OM&M of the facility's system of dual extraction wells for effective removal of LFG and leachate (2013–2021).

City of Menlo Park, GCCS and Groundwater OM&M and Reporting at Bedwell Bayfront Park Landfill (formerly, Marsh Road Landfill), Menlo Park, CA. As Project Manager, Ms. St. John was responsible for implementing requirements of the facility's Permit to Operate from the Bay Area Air Quality Management District (BAAQMD) and the California LMR, while ensuring that groundwater sampling, monitoring, and reporting were completed pursuant to the facility's Waste Discharge Requirements (WDRs) (2020–2021).

Recology, GCCS OM&M and Reporting at Pacheco Pass Landfill, Gilroy, CA. As Project Manager, Ms. St. John was responsible for implementing requirements of the facility's Permit to Operate from the BAAQMD and the California LMR, scheduling field work for LFG OM&M, and completing associated compliance reports. The landfill was closed, and the GCCS consisted of vertical LFG extraction wells, dual LFG/leachate extraction wells, and an enclosed flare. The site had unique compliance requirements and challenges due to various factors related to the age of the facility and its rural setting (2010–2019).

City of Torrance, GCCS OM&M at (Closed) Torrance Landfill, Torrance, CA. As Project Manager, Ms. St. John was responsible for implementing requirements of the facility's Permit to Operate from the SCAQMD and District Rule 1150.1 Compliance Plan. OM&M included weekly site visits, monthly and quarterly monitoring and data collection, quarterly reporting, and routine emissions testing of the carbon adsorption system for LFG control. Her experience with small, closed landfill sites within the SCAQMD includes management of similar projects at two additional privately owned facilities within Los Angeles County. Each site posed unique challenges due to facility age and proximity to urban/commercial areas within the city limits (2005–2021).

Monitoring and Compliance

Napa-Vallejo Waste Management Authority, GCCS Compliance Monitoring and Reporting at American Canyon Sanitary Landfill, Napa, CA. As Project Manager, Ms. St. John was responsible for implementing compliance monitoring requirements of the facility's Permit to Operate from the BAAQMD and the California LMR. The project included collection system and landfill surface monitoring and annual reporting (2008–2019).

Monterey Regional Waste Management District, GCCS Compliance Monitoring and Reporting at Monterey Peninsula Landfill, Monterey County, CA. As Project Manager, Ms. St. John was responsible for assisting facility personnel with implementation of compliance monitoring and reporting requirements of the facility's Title V Permit to Operate from the Monterey Bay Air Resources District, and completion of compliance reports and the California LMR (2013–2019).

City of Paso Robles, GCCS Compliance Monitoring and Reporting at Paso Robles Sanitary Landfill, Paso Robles, CA. As Project Manager, Ms. St. John was responsible for assisting the City's landfill operator with implementing compliance monitoring requirements of the facility's Permit to Operate from the San Luis Obispo County Air Pollution Control District (SLOCAPCD) and the California LMR (2013-2019).

Waste Connections, Inc., GCCS Compliance Monitoring and Reporting at Cold Canyon Sanitary Landfill, San Luis Obispo, CA. As Project Scientist and Project Manager, Ms. St. John was responsible for implementing compliance monitoring requirements of the facility's Title V Permit to Operate from the SLOCAPCD and the California LMR (2005– 2019).

City of Santa Maria, GCCS Compliance Monitoring and Reporting at Santa Maria Regional Landfill, Santa Maria, CA. As a Project Scientist, Ms. St. John was responsible for assisting with implementation of compliance monitoring and reporting requirements for the facility's GCCS, which included an enclosed flare under a Permit to Operate from the Santa Barbara County Air Pollution Control District (SBCAPCD) and conveyance of LFG for conversion to electrical power at the local hospital (2005–2009).

City of Lompoc, GCCS Compliance Monitoring and Reporting at Lompoc Sanitary Landfill, Lompoc, CA. As Project Manager, Ms. St. John was responsible for implementing compliance monitoring requirements of the facility's Permit to Operate from the SBCAPCD and the California LMR (2014–2019).

City of Burbank, GCCS Compliance Monitoring and Reporting at Burbank Landfill, Burbank, CA. As Project Manager, Ms. St. John was responsible for implementing compliance monitoring requirements of the facility's Permit to Operate from the SCAQMD and District Rule 1150.1 Compliance Plan. Monitoring included weekly site visits to ensure effective conveyance of LFG to an enclosed flare, monthly wellfield monitoring, and quarterly surface and perimeter probe monitoring. Quarterly monitoring reports were prepared and submitted to the Local Enforcement Agency (LEA) and SCAQMD. Annual monitoring reports were also prepared and submitted to the SCAQMD (2005–2019).