
**JONATHAN J. MERONEK, IGP–TOR, QISP, CPESC, CISEC,
QSP/D**

Education

BA – Political Science, Arizona State University, 1990

Professional Licenses/Certifications

California Industrial General Storm Water Permit (IGP) Trainer-of-Record (ToR)
(No. 00162)

Qualified Industrial Storm Water Practitioner (QISP) (No. 00162)

Certified Professional in Erosion and Sediment Control (CPESC) (No. 8298)

Certified Inspector of Sediment and Erosion Control (CISEC) (No. 1359)

California Qualified Storm Water Pollution Prevention Plan Practitioner (QSP)
(No. 24695)

California Qualified Storm Water Pollution Prevention Plan Developer (QSD)
(No. 24695)

Occupational Safety and Health Administration (OSHA) Hazardous Waste Operations
and Emergency Response (HAZWOPER) 40-Hour Training
8-Hour Annual Refresher (29 CFR 1910.120)

Professional Affiliations

California Storm Water Quality Association (CASQA)

Industrial Storm Water Subcommittee and 2016 Conference Subcommittee

Northern California Engineering Contractor's Association (NCECA)

Professional Experience

Mr. Meronek has over 15 years of experience in the Information Technology sector, primarily as a Project Network Engineer and Systems Analyst, and 12 years of experience with Geographic Information Systems (GIS) utilization, mapping, spatial analysis, and cross-platform software and data applications. He is proficient in AutoCAD Civil 3D Design, ESRI ArcGIS (ArcMap 10.0), gINT, Trimble Pathfinder Office/TerraSync, both independently and across platforms. He has worked for SCS for 13 years and is based out of SCS's Santa Rosa office in Northern California.

Over the last 10 years, Mr. Meronek has brought his Network and IT systems skills and successfully transitioned to Environmental Services by developing additional experience in a variety of environmental compliance tasks, including Phase I Environmental Site Assessments (ESAs), North Coast Regional Water Quality Control Board (NCRWQCB) reporting, and other state-wide environmental services and solid waste projects. Primary responsibilities include providing technical expertise for several Northern California water quality/storm water projects governed by the California Storm IGP, Construction General Permit (CGP), and Caltrans Statewide General Permit (CSGP), and preparation of reports, implementation plans, technical papers, proposals, presentations, GIS application strategies, and detailed project deliverables.

Mr. Meronek's project experience is summarized below.

Solid Waste

US EPA/California Air Quality Management Districts, Title V and Rule 8-34, and Greenhouse Gas (GHG) Compliance Reporting. Mr. Meronek prepared Title V Compliance Certification, Rule 8-34, New Source Performance Standard (NSPS), and Startup, Shutdown, and Malfunction (SSM) reports for Bay Area Air Quality Management District (BAAQMD), Butte County Air Quality Management District (BCAQMD), and San Joaquin Valley Air Pollution Control District (SJVAPCD) Air Quality Management Districts (AQMDs). He performed GHG emissions annual reports using the US Environmental Protection Agency's (US EPA's) Electronic GHG Reporting Tool (eGGRT).

Storm Water

Mr. Meronek is a State of California IGP Qualified Industrial Storm Water Practitioner (QISP) and a QISP Trainer-of-Record (ToR) under the new IGP. Under the 2015 IGP, he has performed site Best Management Practice (BMP) and Pollutant Source Assessments, further defined drainage areas, written Storm Water Pollution Prevention Plans (SWPPPs), and implemented Monitoring Implementation Plans (MIPs) for over 30 facilities throughout California. He has performed National Pollutant Discharge Elimination System (NPDES) storm water services for state, municipal, and private clients across a vast cross-section of industrial sectors, including recycling (metal and scrap), Material Recovery Facilities (MRFs), landfills (including Subchapter N/ELG facilities), deep-ocean ports, haulers, and transportation facilities, asphalt batch plants, CalTrans sites, construction material facilities, petroleum bulk plants, landfill gas-to-energy (LFGE) plants, quarries, concrete and rebar manufacturers, lumber facilities, and breweries and wineries (including the Fifth Largest Case and Fulfillment Center in North America). Mr. Meronek has successfully worked with LRPs, facility managers, and attorneys to comprehensively reevaluate facilities for NPDES compliance using technology-based BPT/BCT/BAT implementation for control of pollutants in storm water discharge.

Recent projects include:

Trinchero Winery Estates, Napa, CA. Mr. Meronek provided SWPPP preparation, monitoring, and implementation under new NPDES IGP regulations for seven facilities throughout Northern California, including Sutter Home's Lodi facility, the fifth largest wine fulfillment and distribution facility in North America. He performed comprehensive facility evaluations and pollutant source and drainage assessments while recommending increased BMPs to reduce/eliminate pollutants in storm water discharge.

Alameda County Industries (ACI) Mission Trails Waste Systems, and PSSI-Stanford University MRFs, GP Storm Water Management and Compliance, Santa Clara and Palo Alto, CA. Mr. Meronek brought facilities into new compliance under NPDES IGP regulations through technical review and analysis of historical sampling versus US EPA benchmarks and IGP Numeric Action Limits (NALs). He performed technical surface and subsurface contributory drainage analysis with industrial area/pollutant source assessments. Site pollutant source assessment included evaluating typical MRF constituents for TSS/total and dissolved metals parameters for additional

advanced BMPs, including a solids settling vault and hydrodynamic separator and potential Active Treatment System (ATS).

Amports, Port of Benicia, IGP Storm Water Management and Compliance, Benicia, CA. Mr. Meronek provided technical support for the new IGP SWPPP and monitoring implementation for a large deep-water open port for four sub-facilities in and around the Port of Benicia and Strait of Carquinez. Technical guidance included the preparation and writing of SWPPPs, reviewing historical analytical results versus US EPA benchmarks, effluent guidelines, and current IGP NALs. He worked and trained facility staff to bring facility into compliance under the new IGP.

Nu Forest Lumber Products (NFLP) Milling and Distribution Facilities, IGP Storm Water Compliance and Management, Healdsburg and Cloverdale, CA. Mr. Meronek worked with facility managers and staff to bring the facility into compliance under new IGP storm water regulations. His technical guidance included monitoring and sampling for water quality parameters, conducting quarterly inspections, and performing wet-weather observations. He recommended structural and nonstructural BMPs, based on analytical parameter results and expected concentrations when compared with US EPA benchmark values for water quality standards. Structural BMPs included advanced engineered mesh, drain filter inserts, chemical adsorbents, and filter systems.

Mountaingate LFGE Plant, Los Angeles CA. Mr. Meronek provided technical support for the new IGP SWPPP and monitoring implementation for a large Southern California LFGE plant. His technical guidance included the preparation and writing of the SWPPP, and reviewing historical analytical results versus US EPA benchmarks, effluent guidelines, and current IGP NALs. Mr. Meronek worked and trained facility staff to achieve facility compliance under the new IGP.

Caltrans, TMDL Storm Water Run-off, Nutrient Data Collection Study, Clear Lake, CA. Mr. Meronek provided assistance in site setups, equipment procurement and installation, monitoring, laboratory coordination and delivery, observations, and inspection for the Clear Lake Phosphorous TMDL. Representative flow-weighted composite samples were collected to assist Caltrans program goals. Supplemental catchment area surveys and assistance in an abrasives study were also performed to better define pollutant sources.

US EPA Watershed and Lake Model Development, GIS and Storm Water, Lake San Marcos, CA. Mr. Meronek performed US EPA storm water model development services, including Global Positioning System (GPS) and GIS mapping of catchment areas, drainage structures, and storm water conveyances of surface drainage and analysis.

NPDES/Other

Mr. Meronek is a Qualified SWPPP Practitioner and Qualified SWPPP Developer under the CGP. He is also a CPESC and CISEC. He has performed numerous projects under the CSGP, including road runoff/constituent characterizations, ASBS, and 303d/TMDL projects. His project experience includes the use of automated/telemetry-based sampling equipment involving hydrograph-modeling and flow-weighted composite sampling and analysis. He has extensive storm water experience using AutoCad, ArcView/GIS/GPS, and with those resources has worked

on large-scale watershed assessments, HUC-8/10 receiving water TMDL/303d impairments, flow-weighted storm water inventories, drainage/time of concentration/peak flow calculations and runoff characterizations for public and private clients. He has performed storm water training at multiple facilities, and draws from a myriad of training resources, including CASQA, US EPA, and MSGP guidance documents, enforcement/inspection case studies, and others to present relevant classroom site-scenarios, pollution source, and BMP assessments. He is fluent in the State of California's Storm Water Multiple Applications Reporting Tracking Systems (SMARTs), whereby he consistently assists and trains dischargers on registration, NOIs, NECs, PRDs, WDIDs, PET/CDF data uploads, annual reports, and SWPPP certifications and amendments.

Breweries, IGP Support, CA. Mr. Meronek has prepared comprehensive facility evaluations, exposure, and pollutant source assessments. Resulting technical storm water support included the preparation of several SWPPPs and, when applicable, NECs for several Northern California breweries, including North Coast Brewery, Trumer Pils Brewery, and Devil's Canyon Breweries.

Caltrans District 4, NPDES Permit Section E2.c.1 - TMDL Water Quality Monitoring, Sampling, and Analysis, Oakland, CA. In 2013, Mr. Meronek provided assistance in site setups, equipment procurement and installation, monitoring, laboratory coordination and delivery, observations, and inspection for the Clear Lake Phosphorous TMDL. Representative flow-weighted composite samples were collected to assist Caltrans program goals. Supplemental catchment area surveys and assistance in an abrasives study were also performed to better define pollutant sources. The work was completed in 2014.

RePlanet, IGP Storm Water Management and Compliance, RePlanet Recycling Facilities, CA. Mr. Meronek assisted in SWPPP preparation, monitoring/ implementation and facility inspections, BMP assessments, and annual comprehensive facility compliance evaluations. He worked with facility managers and staff to evaluate pollutant load sources, define drainage areas, review analytical benchmarks, move processes indoors, and convey ongoing storm water compliance regulations (old and/or new NPDES IGP regulations) for nine facilities throughout California.

Fugitive Dust Emissions Monitoring, Porter Ranch, CA. Mr. Meronek provided ambient air monitoring and oversight services, in accordance with South Coast Air Quality Management District (SCAQMD) Rule 403.