

BERNADETTE G. SARMIENTO, P.E.

Education

BS – Civil Engineering, University of Illinois, 1994

Professional Licenses

Professional Engineer – Florida, Illinois

Professional Experience

Bernadette G. Sarmiento is a licensed Professional Engineer with over 20 years of experience in the environmental and solid waste industry. Her background includes landfill engineering, construction, operation, permitting and compliance. She has extensive experience in construction/installation of clay and synthetic liner and final cover systems, gas collection system, leachate management system, surface water management system, composting pads, groundwater monitoring wells and gas monitoring probes. She has authored, reviewed and/or submitted permit applications to renew or modify landfill operating permits, stormwater/NPDES permits, air/CAAPP permits, and wastewater discharge permits. She also has experience in landfill closure and certification for the 30-year post closure care.

In addition to landfills, Bernadette has also provided technical support to compost facilities, transfer stations and hauling operations. She has developed site-specific plans like Spill Prevention, Control and Countermeasure (SPCC) Plan and Stormwater Pollution Prevention Plan (SWPPP) and associated inspection logs as required by permits and regulations, and established/managed compliance tracking databases for new landfills, landfill expansions, compost facilities, transfer stations and hauling operations.

Several notable projects that Bernadette has been involved in are described below.

Landfill Engineering

Waste Management of Illinois, Inc., Site Engineer, 1995-2021. Site Engineer responsible for landfill permitting and compliance, planning and budgeting capital projects, managing construction projects and subcontractors, and environmental monitoring and reporting.

- **Prairie Hill Recycling and Disposal Facility (RDF), Morrison, IL, 2010-2021**
- **CID RDF, Calumet City, IL, 2007-2019**
- **DeKalb County Landfill, DeKalb, IL, 2000-2021**
- **Wheatland Prairie RDF, Plainfield, IL, 2000-2002**
- **Envirofil of Illinois, Inc., Macomb, IL, 1998-2000, 2002-2008**
- **Tazewell RDF, East Peoria, IL, 1997-2000, 2002-2003**
- **Peoria City/County Landfill No. 2, Brimfield, IL, 1997-2000**
- **Kankakee RDF, Kankakee, IL, 1995-1996, 2000-2007**

Landfill Permitting and Compliance

Waste Management of Illinois, Inc., Landfill Permit Renewals, 1995-2021. Site Engineer responsible for submittal of 5-year applications to renew the operating permit for the landfill and the compost facility, NPDES permit and the CAAPP permit, and permit modifications as needed.

Waste Management of Illinois, Inc., Annual Landfill Reports, 1995-2021. Site Engineer responsible for submittal of the annual landfill report and certification, the annual landfill capacity report, and the annual landfill Closure and Post-closure care cost update.

Waste Management of Illinois, Inc., Landfill Monitoring Programs, 1995-2021. Site Engineer responsible for procuring and managing professional consulting firms and service providers conducting site monitoring and testing, and continued compliance with all applicable regulations and permits by reviewing environmental monitoring data and reporting.

Waste Management of Illinois, Inc., CAAPP Permit Compliance, 2007-2021. Site Engineer responsible for submitting annual emission reports, annual CAAPP compliance certifications, semiannual CAAPP monitoring reports, semiannual NESHAP reports and semiannual NSPS reports.

Waste Management of Illinois, Inc., NPDES NetDMR Reports, 2007-2021. Site Engineer responsible for electronically submitting monthly and quarterly Discharge Monitoring Reports (DMRs) to the Environmental Protection Agency (EPA) Central Data Exchange (CDX).

Waste Management of Illinois, Inc., DeKalb County Landfill, Compost Facility Expansion Permit, 2008. Site Engineer responsible for permitting the expansion of an existing compost facility.

Landfill Construction

Waste Management of Illinois, Inc., Liner, Final Cover, Leachate and Surface Water Management System, 1995-2021. Site Engineer responsible for overseeing the preparation of construction plans, preparing bid documents, bid letting and contract administration, coordinating contractors, construction quality assurance firms, and materials order and delivery.

Waste Management of Illinois, Inc., Gas Collection System, 1995-2021. Site Engineer responsible for reviewing the well schedule with the Area Gas Operations Manager, and the review and submittal of the construction acceptance report to obtain an operating permit.

Waste Management of Illinois, Inc., DeKalb County Landfill, Compost Facility Expansion, 2015. Site Engineer responsible for the construction of additional composting pads and the sedimentation pond for the expanded compost facility.

Waste Management of Illinois, Inc., DeKalb County Landfill, West Unit Expansion-Phase 1 Liner and Waste Exhumation, 2014. Site Engineer responsible for managing the exhumation of waste from the old landfill area and the construction of new synthetically lined area.

Landfill Closure

Waste Management of Illinois, Inc., Landfill Closure and Certification. Site Engineer managed the site closure and obtained closure certification for the 30-year post-closure period.

- CID RDF, Area 4 Landfill, Certified Closed in 2009
- CID RDF, Area 3 Landfill, Certified Closed in 2008
- Kankakee RDF, Certified Closed in 2006
- Wheatland Prairie RDF, Certified Closed in 2001