TROY D. MITCHELL

Construction Manager - Raleigh, NC

Mr. Mitchell has nearly 40 years of operational experience in solid waste. His career has encompassed landfill operations, solid waste collection operations, Environmental, safety and operations training, as well as environmental compliance.

Academic Credentials:

Coursework in Business Management - University of Wisconsin - Madison, 1994 - 1996

William Jewell College, 1980 - 1983

Professional Credentials and Certifications:

Certified Landfill Manager (MOLO), 1993 - Present

Employment Record:

2021 - Present - Smith Gardner, Inc.
2000 - 2020 - Waste Industries
1997 - 2000 - Waste Systems International

Areas of Expertise:

Solid Waste Landfill Operations
Landfill Management
Safety and Operations Training
Construction Management
Planning and Budgeting
Equipment Utilization and Maintenance
Heavy Equipment Operations

Prior to joining S+G, Mr. Mitchell has spent nearly 40 years in solid waste operations, including MSW, C&D, and LCID landfills. His experience and drive focus on detailed techniques to be the most efficient, compliant, and results oriented operator in landfill management. As General Manager, Mr. Mitchell maintained an annual operating budget which included weekly projections. His work included managing people, compliance, safety, operational practice, as well as equipment repair, maintenance, and productivity.

Mr. Mitchell has a focus on the financial profit-loss that measured the success of budget planning and potential changes needed for improvement. He leverages IT to measure productivity of all the functions required to manage a landfill for increased results or production. Mr. Mitchell has years of experience creating and using tools that manage the large volumes of operating records, reports, and documents generated in the landfill business.

Mr. Mitchell has focused on controlled filling sequence plans for 28 years. Ensuring planned fill sequence contours are followed will always enhance the accuracy of volume measuring, clearly communicate a visual picture of the next day fill area, control the size of the working area to optimize compaction, and makes it easy to maintain superior truck access to work face during the harshest of weather conditions. Contour planning will also decrease the amount of ADC or soil needed to close each day, decrease the potential of ponding water that will minimize leachate generation, decrease the square footage the compactor must travel for compaction, and decrease time taken to close workface each day.

Mr. Mitchell is experienced in leachate treatment and disposal as it continues to increase in complexity. He has operated treatment plants permitted for stream discharge in the State of Pennsylvania; one plant treated by nitrification with 95-degree digester tower followed by denitrification and clarification treating 5 GPM, the other plant treated 35 GPM. Other pre-treatment processes he managed included nitrification in a 500,000-gallon storge tank that also had moderate denitrification success. Clarification was achieved by multiple valve openings on tank at 15-foot separation intervals. Mr. Mitchell has 13 years of experience creating confidence and trust with City Public Operated Treatment Plant operators and following stringent IUP criteria.

Mr. Mitchell has managed the development of three active gas systems. He has expanded, maintained, and operated multiple pre-existing systems. Gas systems require a tremendous amount of continuous monitoring, maintenance, and adjustments including a multitude of reporting deadlines. Creating a site-specific calendar for tracking all this data is imperative to maintain care and compliance of gas systems.