

# 4 YEAR CUSTOMER SPOTLIGHT: INDUSTRIAL FACILITY

## *Industrial Facility Achieves Reliable DIY Dust Control with Midwest's Innovative Guided Self Applied Program*

<b>85%+</b> Average Dust Reduction Achieved and Maintained	<b>100%</b> In House Dust Control	<b>24/7</b> Technical Support and Guidance
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### CHALLENGES

- Achieve and maintain 85%+ dust control to improve the health and safety of workers and reduce impact on their equipment's air filtration systems.
- Heavy equipment degraded unpaved surfaces, increasing fine particulate and generating excessive dust.
- Deliver a cost effective, user-friendly solution that could be implemented successfully without prior dust control experience.
- Modify the 1500 Portable Sprayer for use with the facilities forklift.

### SOLUTION

- Midwest evaluated site conditions and developed a custom dust control plan based on traffic patterns and surface material.
- Conducted a test on the 41,000 square feet to demonstrate and prove the concept.
- Based on the successful test, the Guided Self Apply Program, using EnviroKleen® and the Portable 1500 Sprayer, was implemented across the facility.
- Designed and modified the 1500 Portable Sprayer for use with their forklift.

### RESULTS

- **85%+ Dust Control Efficiency Maintained:** The GSA program delivered the targeted 85%+ reduction in fugitive dust emissions.
- **Efficient and Flexible Dust Control:** The industrial facility is equipped with the tools and techniques to perform dust control in-house and on an as-needed basis.
- **Enhanced Health and Safety:** Lower dust levels led to better visibility and safer working environments, particularly in areas with heavy traffic.
- **24/7 Technical Support:** Midwest provided remote technical support to ensure the successful and confident implementation of GSA program.



### PROJECT SUMMARY

**Location:** Midwest US  
**Industry:** Industrial Facility  
**Customer:** Steel Producer

An industrial facility faced persistent fugitive dust issues on unpaved surfaces within a steel laydown yard. Heavy equipment movement and frequent turning pulverized the surface aggregate, increasing fine particulate and airborne dust that negatively impacted employee health, visibility, and equipment air filtration systems. The facility required a solution that was effective, economical, and easy to implement without outsourcing the work. Midwest partnered with the facility to deploy its Guided Self Apply Dust Control Program, utilizing EnviroKleen®, a non chloride synthetic fluid with a binder system designed for long term dust suppression and fines preservation. Strategic application guidance, equipment modifications, and remote technical support delivered immediate, sustained dust control comparable to a fully managed program—without the recurring cost of outsourced services.

As proven in at this facility, the GSA program equips the customer with all of the tools, training and technical support needed to maintain effective in-house dust control.

### LOOKING FORWARD

The success of the Guided Self Apply Dust Control Program demonstrates that smaller facilities, municipalities, and industrial yards can achieve the same high performance dust control as fully managed programs and with greater operational flexibility. This model provides a scalable approach for facilities seeking long lasting, environmentally responsible Do-It-Yourself dust control.