



# Case Study

## Product Application and Optimization Solves OEM Problems with Paint Collection and Foam

### Situation

- Chemical Manager at an OEM was experiencing problems with paint sludge collection
- Paint particles were exiting the stacks and going into the parking lot

### Background

- A chemical manager was having performance problems in an assembly plant with paint sludge collection
- Paint particles were also exiting the stacks and going into the parking lot leading to numerous complaints
- Suspended solids levels in the system were high which led to excessive foam
- Since it was a chemical manager using Galaxy products, they did not ask for assistance until they were in trouble

### Solution

- Galaxy audited the system and found there was a problem with the product selection and application point
- Galaxy performed product selection screening to determine the proper product mix
- Galaxy changed a product and a feed point

### Results

- Total suspended solids to the booth dropped from 155 ppm to less than 30 ppm
- Foaming tendencies were completely eliminated
- No more complaints from the parking lot from stack emissions