Case Study

TRIVITRO CORPORATION™

Long Painting Company

Renton Waste Water Treatment Plant February 17, 1998

Project Scope: Remove most of existing coal tar; spot blast deteriorated and rusted sections to SP-5; sweep blast all other surfaces.

Superintendent: Dan Santos

Conditions			
Substrate	*Coated Steel*	**Moisture Control**	*1200 cfm Deliquescent Dryer*
Coating	*Coal Tar 30 to 40 mils some brittle, some soft*	**Hose**	*100 ft of 1 ½" 100 ft of 1 ¼"*
Nozzle Size	*#7*	**Whip Length**	*8 to 10 ft.*
Pressure at Air Source	*120 psi*	**Whip Diameter**	*1"*
Pressure at Nozzle	*105 psi*	**Type/Size of Blast Pot**	*8 ton*
Compressor	*1400 cfm*	**Abrasive**	*VitroGrit ä #16*

Results: Here is what Dan Santos has to say about VitroGrit™

Cleaner Finish	"Achieved SP-5 faster – on coal tar that's quite an accomplishment."
More Productive Blasting	"Easily **15% faster** than copper slag on this job."
Easier Clean-up	"Dry areas cleaned up faster, with only an air driven barrel vacuum. With copper slag, we often have to use a more cumbersome 75 hp vacuum."
Better Visibility	"Our 24,000 cfm dust collector cleared blasting dust from VitroGrit™ much more effectively. Light, clean working conditions and better visibility in the tank kept our blasters more productive."
Impressively Low Consumption	"We planned to use **20 jumbo bags** (60,000 lb.) **of copper slag** for this job. Instead, we used only **10 jumbo bags of VitroGrit™** (30,000 lb.). That's a great savings."
Satisfied Customer	King County/Metro site manager Joe Whitten was pleased with the results and encouraged the use of recycled glass.
Future Work	"Based on what we learned about VitroGrit™, we will be using it on more jobs in the future."

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