

One of California's Largest Aggregate Plants Virtually Eliminates Carry Back Using a Combination of ASGCO'S Skalper IV Primary Cleaner and Razor-Back Secondary Cleaner with Spray Bar.

Industry	Aggregate Processing Plant
Application	Wash Plant Conveyor
Product	Wet sand
Objective	Reduce Carry back
Conveyor	- 350FPM - Material runs wet - Conveyor runs over a heavily traveled road at the plant.

Challenge

The sandy flat material has tiny flat chips, that when wet, suction themselves to the belt and pass by the existing cleaners. The carry back drops off underneath the entire length of the belt. The material loss was excessive and out of control. The customer has tried everything, including other brands with cleaners and spray bars to handle the problem.

Solution

ASGCO analyzed the material and came to the conclusion that an ASGCO Skalper IV with E-Z Torque cleaner and a Razor-Back TC with V-Tips (Tungsten Carbide) cleaner with Spray Bar would do the job.



ASGCO Razor-Back with Spray Bar cleans wet sandy carry back from underneath the belt.



ASGCO Skalper IV with E-Z Torque (Primary Belt Cleaner)



ASGCO Razor-Back with Spray Bar (Secondary Belt Cleaner)

Conclusion

ASGCO has successfully reduced the carry back to levels that far exceed the expectations of the customer. The customer has now installed several other ASGCO cleaners to attack carry back problems throughout the plant.