

FLEX-MAT®

HIGH VIBRATION WIRE SCREEN

APPLICATION CASE AGGREGATE > California, USA

SITUATION: Quarry running a competitor's self-cleaning screen.

PROBLEM:

Significant pegging problems and issues related with screening media's poor material stratification and performance affecting the end product's specification.

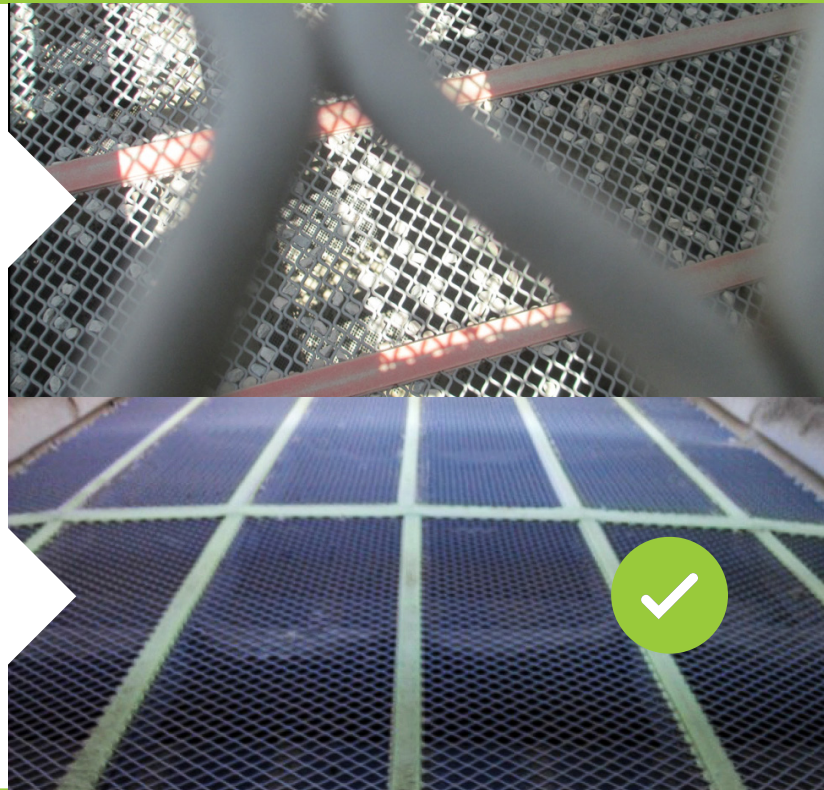
- Significant pegging issues, up to 70% of the screening area due to the rectangular wire.
- A rectangular wire does not vibrate as much as a round wire and is more difficult to tension.
- Equipment downtime to clean screens.

Product contamination/quality issues due to the elongated opening.

SOLUTION:

Installed **Flex-Mat Type D** with round wire.

- Round wires create a funnel effect.
- Narrow points of contact eliminate the risk of pegging.



BENEFITS:

- > 100% of the Flex-Mat screen's open area is effective.
- > Flex-Mat eliminated plant downtime associated with screen pegging issues.

PLANT MANAGER:
**"WE SUBSTANTIALLY REDUCED
OUR OPERATING COST AND
IMPROVED OUR OPERATING
MARGIN BY MAKING MORE END
PRODUCT AVAILABLE FOR SALE".**