



HIGH VIBRATION WIRE SCREEN

APPLICATION CASE

SAND AND GRAVEL > Idaho, USA

SITUATION:

Operation was running woven wire screens with a shorter wear life and severe blinding problems.

PROBLEM:

Severe blinding causing this plant to stop production every few hours to clean the screen decks. Also, the square mesh woven screens required 2 to 3 complete changes per week.

- Blinding caused production to average only 20 tons per hour.
- Short wear life of woven wire screens.

SOLUTION:

Switched to **Flex-Mat Type D** with 3/8" (9.5 mm) opening.

- Solved blinding by eliminating the root cause of the problem, the woven screen.
- Increased productivity.
- Screen life increased.



BENEFITS:

- > Flex-Mat increased wear life from 4 months to 6 months.
- > Increase of sand production from 1600 tons to 2000 tons per day.

DECREASED THEIR COST PER TON AND INCREASED PRODUCTIVITY BY OVER 25 % THROUGHOUT THE PLANT.