

Debut for Terex AggreSand™ in Washington State, USA



The first ever AggreSand™ for Washington state, USA, has recently been installed with Blake Sand & Gravel Inc. to replace an older washing plant and after only 5 days, the AggreSand™ 165, 3 deck two sand processing plant was up and running and producing quality product.



Washing Winner

Blake Sand & Gravel Inc. has been providing quality sand and gravel products since 1953. The primary products they produce are aggregates for ready-mix concrete, sand and washed rock. They wanted to replace an existing wash plant to achieve a higher production capacity due to increased demand. The old plant was producing 75tph and required intensive labor for cleaning ponds along with high running costs. Therefore the decision was taken to invest in a new innovative solution that would ultimately achieve a higher efficiency to maximize their yield. Owner Dave Blake explained that 'This has certainly been achieved with the new AggreSand™ 165 washing plant, instantly we are using 20% less electricity- substantially reducing our running costs, we have increased our feed by 50%, enabling us to supply to demand, and the added benefits from the AggreSand™ gives us the ability to blend materials for specific grades and we have a much more effective fine sand recovery (halving the frequency of pond clear outs), which further reduces our running costs and increases yield by reducing the losses of material to the ponds'



The AggreSand™ plant is processing natural sand and gravel (glacial till) in order to produce a coarse concrete aggregate and fine concrete sand (C33 spec). The sand is also being sold for septic sand and equestrian sand.

Dave Blake, Owner commented 'When we were considering purchasing a wash plant, we were keen to find a solution that would achieve the efficiencies outlined above, as well as a seamless easy setup, something with a reduced footprint and the capability of producing 2 grades of sand. The AggreSand™ ticked all those boxes and more, more than that, the plant arrived on our site on a Monday and by Friday we were producing quality product on the ground'

Technical Team of Experts

TWS Distributor in Washington, Powerscreen Washington, and TWS applications and engineer's teams worked closely with the Blake Sand & Gravel Inc., firstly to identify their specific requirements in terms of desired products and specification. This involved several sites visits, feed material analysis, plant drawings and design modifications to suit their specific spec. Samples of the feed material were sent for further testing at TWS Headquarters in Dungannon. A full civils and plant layout drawing was provided, outlining the water and electrical; input/output points. The service and support from TWS, along with their distributor, is typical of what customers can expect when purchasing a TWS product. TWS offer their expertise and highly skilled team of engineers to assist and guide the customer from the initial conception to final installation.

A Cut Above The Rest

Dave Blake, Owner added "The expertise and support we received from TWS and Powerscreen Washington, has been second to none, making the entire process easy. The plant has been producing effectively since it was installed. The HMI Control system, was a feature that really appealed to me. The ability and ease of obtaining live data in terms of water pressures, flows, cyclone feed pressures as well as motor amp reading was very impressive. Undoubtedly the AggreSand™ 165 with its 16x5 screen will leave Blake Sand & Gravel in a strong position to meet current demand and keep up with our ambitious growth plans."





The plant is producing five clean products 7/8" – 1 1/2" (22mm – 50mm), 7/16" – 7/8" (11mm – 22mm), 7/32" -7/16" (5.5mm - 11mm) & 2 x sand fractions.



Dave Blake, Owner, explained "The AggreSand™ is a breath of fresh air, it is extremely quiet running, no spillages and the belts run very smoothly, with no roll-back that can be a typical problem with some plants. The access and serviceability features of the machines, along with the roll-out centrifugal pumps and roll out chute work, were especially valuable features.' He went on to say 'I was also very impressed with the extremely fast installation and set-up, we were up and running within 5 days and are producing high quality products"



Contact our in market USA Representative, Jarrod Rice, to provide a similar solution for your washing needs. Jarrod.rice@terex.com or TWS.SALESUSA@terex.com Cell: +1 502 232 2124 To view our full washing solution product range log onto www.terex.com/washing

About Terex:

Terex Corporation is a global manufacturer of lifting and material processing products and services delivering lifecycle solutions that maximize customer return on investment. Major Terex brands include Terex, Genie, Powerscreen and Demag. Terex solutions serve a broad range of industries, including construction, infrastructure, manufacturing, shipping, transportation, refining, energy, utilities, quarrying and mining. Terex offers financial products and services to assist in the acquisition of Terex equipment through Terex Financial Services. More information about Terex is available on its website: www.Terex.com, and on its LinkedIn page -- www.linkedin.com/company/terex and Facebook page -- www.facebook.com/TerexCorporation.

Blake Sand & Gravel Inc.

In 1953 Charles and Margaret Blake started Blake Sand & Gravel in Sequim, selling ready-mix concrete, sand and gravel. Their son Dave became president in 1980.

In 2002 the Blakes sold the concrete portion of the business, but continue to operate the gravel pit located on Cays Road providing customers with a variety of materials.

Dave's daughter, Casey, has become the third generation Blake to lead the business and the family traditions of caring for our customers and community are as important today as they were in 1953.

For more than 60 years, Blake Sand & Gravel has established itself in the community as the source for quality sand and gravel products.

<http://blakesandandgravel.com>