

## Wastewater Treatment Plant Village of Rouses Point, NY



The Village of Rouses Point has been a BDP customer since 1990 when they purchased a 1.0m BDP Model 'E'. During the latest expansion of their facility, the plant evaluated various options for increasing the hydraulic throughput of their dewatering system. BDP was the press of choice due to the 3DP™ belt filter press superior performance, simplified room layout and first class construction and reliability.



The 3DP press dewateres in two distinct steps - 1) Independent Gravity Thickening and - 2) Vertical Pressure Dewatering. Due to the dilute feed concentration of less than 1%, the independent gravity zone was a perfect fit for this application. In addition to the press, BDP provided a complete system with control panel, polymer mixer, hydraulic system, wash water pump, and discharge screw conveyor. These benefits combine to provide the Village of Rouses with a state-of-the-art, long term solution for solids dewatering.

Our special thanks to the Village of Rouses Point employees whose support and efforts over the years have made them a valued repeat customer of BDP.

<b>Average Daily Flow :</b>	1.8 MGD
<b>Start-Up:</b>	March, 2005
<b>Capacity:</b>	Min. 50 GPM Max. 150 GPM 16 to 20% Dry Solids 0.5% inlet feed
<b>Sludge Characteristic</b>	Extended Aeration 100% WAS
<b>Type of Equipment:</b>	One 1.0 Meter 3DP - 3 Belt Filter Press
<b>Facility Engineer:</b>	Tisdell Associates Aaron Jarvis – (315)386-8542
<b>Local Representative</b>	Koester Associates - (315)697-3800



### Manufacturer of Systems for Solids Dewatering

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