

# CASE STUDY

## COLES DISTRIBUTION CENTRE HORSLEY BUSINESS PARK

### VORTCEPTOR GROSS POLLUTANT TRAP



CONTRACTOR	AWJ, FDC
ENGINEER	DYLAN ILBLE
CLIENT	COLES, CHARTER HALL
LOCATION	WETHERILL PARK, NSW
PRODUCTS USED	SVO.360, DC 2400x1800x3600 850 WEIR



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#### PROJECT

The new Coles Distribution Centre at Horsley Business Park will be a state of the art distribution hub. Approved under the NSW Government's fast track assessment program, the development will bring billions of dollars to NSW's post COVID economy and create 1,000 new jobs in Western Sydney.

Yet a construction site of this size and nature brings considerable damage to the surrounding environment, including pollutants and chemicals washed into the stormwater network. To mitigate this, consulting engineer Dylan Ilble recommended the SPEL Vortceptor. Known for its lightweight design, and easy installation, the Vortceptor was partnered with a pre-cast concrete diversion chamber - both designed, engineered, and manufactured by SPEL Australia.

#### INSTALLATION

Cumulatively, it took around 2 days to complete the installation, including the excavation work. The Vortceptor was hoisted into the pit with a 30T excavator with a 2.2t lift capacity, and the concrete tank with a crane.

The total installation cost for this project was \$13,000, including the excavation and gravel for backfilling and \$5000 for the crane hire. The Vortceptor's quick and easy installation process saved the contract an estimated \$30,000.



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