

## Webitat Case Study

### CNW, VA

The Coeburn-Norton-Wise (CNW) Regional Wastewater Treatment Plant in Coeburn, VA chose Entex's Webitat system for the upgrade of its 6.5 MGD facility. The goal is improving nitrification to effluent limits of 2.2 and 4.7 mg/L in summer and winter months, respectively.

Eight (8) IFAS modules were installed in 2014, totaling 64,000 ft<sup>2</sup> of fixed media. The modules at CNW are aerated at approximately 40 standard cubic feet per minute (SCFM) per unit.



#### Application

6.5 MGD Oxidation Ditch Retrofit for Ammonia removal

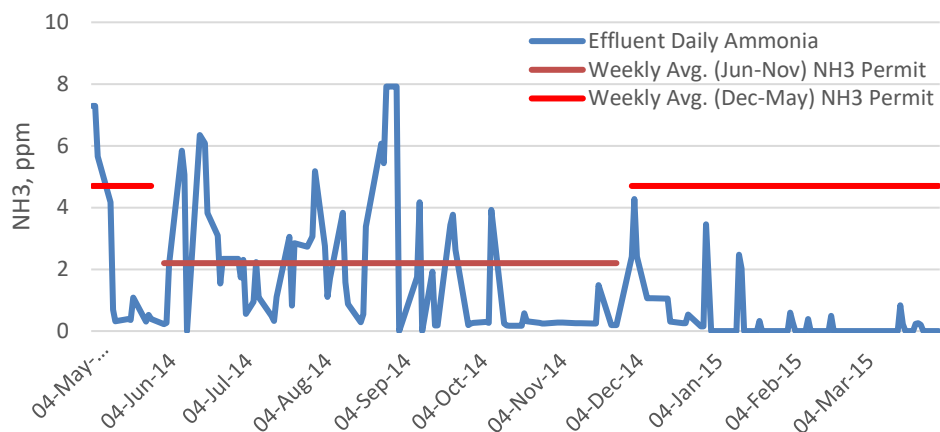
#### Entex Solution

Eight Webitat modules installed in anoxic outer ring, start up in Spring 2015

#### Results

Continues to meet effluent ammonia requirements after years of operation

Effluent Ammonia Prior to Webitat Installation  
May 2014 - March 2015



Long Term Performance

