

# Fifth Third Bank-Metro Center Nashville, Tennessee



When Jeff Conar at Littlejohn Engineering started out working on the design of the Fifth Third Bank in the Metro Center of Nashville, Tennessee and one of the first problems he encountered was trying to meet the water quality requirements of 80% Total Suspended Solids (TSS) Removal efficiency on such a small site. As part of a treatment train to help meet the water quality goals Nashville Metro allowed 3 water quality units in series.

## The Solution

Jeff began to evaluate the various products approved for use in the Nashville Metro market and looked at the various pros and cons of each product. After extensive review it was decided to use CrystalStream Technologies because of their ability to treat the full flow without an internal or external bypass while still maintaining a small footprint.

Mr. Conar found that the CrystalClean unit was tested 3<sup>rd</sup> party under the national EPA program and exceeded the requirements for 80% TSS removal requirement. Mr. Conar contacted CrystalStream and worked side by side with their licensed engineers to design a unit to meet his project requirements and restraints. A CST Model 646 was selected and installed online.

Mr. Conar's stated that "A key advantage to using them was that the turn around on the design was very fast, and in a matter of a day we had a design including a useable AutoCAD drawing specific to our project."



## Learn More about:

### CrystalStream Technologies

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Suite 135  
Lawrenceville, Georgia 30045  
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[Engineering@crystalstream.com](mailto:Engineering@crystalstream.com)  
[www.crystalstream.com](http://www.crystalstream.com)

## Site Characteristics:

Commercial Property  
1.26 Acres, 52% Impervious

## Treatment Requirements:

80% Total Suspended Solids

## Engineer:

Littlejohn Engineering  
[www.Leainc.com](http://www.Leainc.com)

## Product Used:

CrystalClean Separator  
Model 646 Traffic Rate-3 in Series

## Install Date:

October 12<sup>th</sup>, 2007