

# yyc6

## Yoon's Individual Contribution Page

### Fall 2009 Contributions

As a member of the Non-Linear Chemical Doser Team, I designed the dual scale, the hydraulic components(orifice diameter, tubing sizes,and etc), and the float for our lever arm. I am also responsible for developing the lever calibration procedures. Currently, I am working with the team to build the lever arm prototype. Once that is complete, I will test it and work to minimize the error that we come across during the experimentation. I wrote the Dual Scale and Orifice Page and the Float Calculation Page on the Team Wiki page.

### Pages Created

[Dosing Orifices and Dual Scale](#)

[Float Calculation](#)

### Spring 2010 Contributions

As Team Leader for the Filtration Team, I am responsible for directing the weekly team meetings. I trained new members on the use of MATHCAD, Wiki, and orientation with Project AguaClara. As part of the Clear Well Research, I developed the basic design in MATHCAD and AUTOCAD and conducted experiments validating the design with Carolyn Evans and Sonya Burns.

### Pages Created

[Filtration Team](#)