

Pump Test Interns



Once Upon a Time.....

There Lived Two Interns....

Who One Day, Would Embark
on a Journey...

Of Epic Proportions!

MILES CHOI

WON CHOE



STARRING IN...



THE
LORD
OF THE

PUMPS



You think you know...

But you have no Idea...

Overview

1. Our Mission

2. Our Team

3. A Typical Day for the Pump Test Interns

4. Samples of Pump Curves

5. Questions

OUR MISSION

- To consolidate our pump information that has been collected so far at WTD
- To run the pumps and record new data to make new pump curves
- Use this data to increase efficiency for our pump stations, and to use for references on upcoming projects
- Create a database of our information for easy access

Our Team

Miles Jerome Choi (Intern)

- Major : Electrical Engineering
- University of Washington
- Senior Status
- Fun Fact: New Favorite TV Show is “The Office”Ironic



Our Team

Won Yong Choe (Intern)

- Major : Chemical Engineering
- University of Washington
- Senior Status
- Fun Fact: During 6 years of Driving, has Owned 5 Different Honda's



Our Team

Mika Kaplan (Mentor)

- Degree : Mechanical Engineering
- Fun Fact: Loves to Watch UFC



Bruce Kessler (Mentor #2)

- Degree : Civil Engineering
- Fun Fact: Is a Licensed Helicopter Mechanic



A Typical Day For Won and Miles



A typical day at work...



**MILES!!! WAKE UP ITS 5 AM!
WE'RE LATE**

A typical day at work...



Won, It's ok...we'll skip lunch today to make up for it.

A typical day at work...



Time to do some pump testing...

A typical day at work...



Some sweet pumps and pump gauges...

A typical day at work...



Setting up the Flow meter

A typical day at work...



“Take Measurement Number 1,634,232 Won.”
“Roger that, Won out.”

A typical day at work...



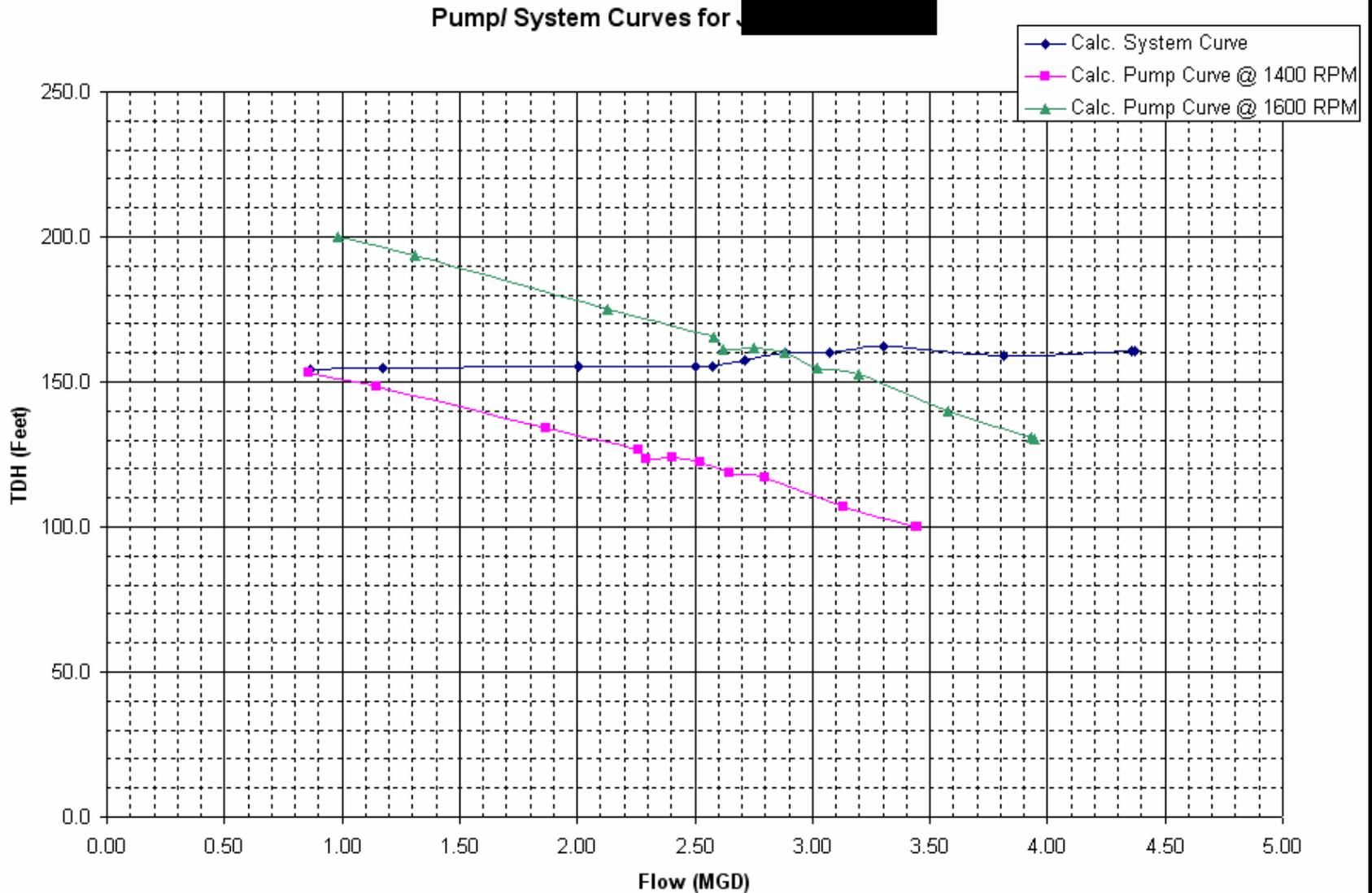
Testing done, pack it up team.

A typical day at work...



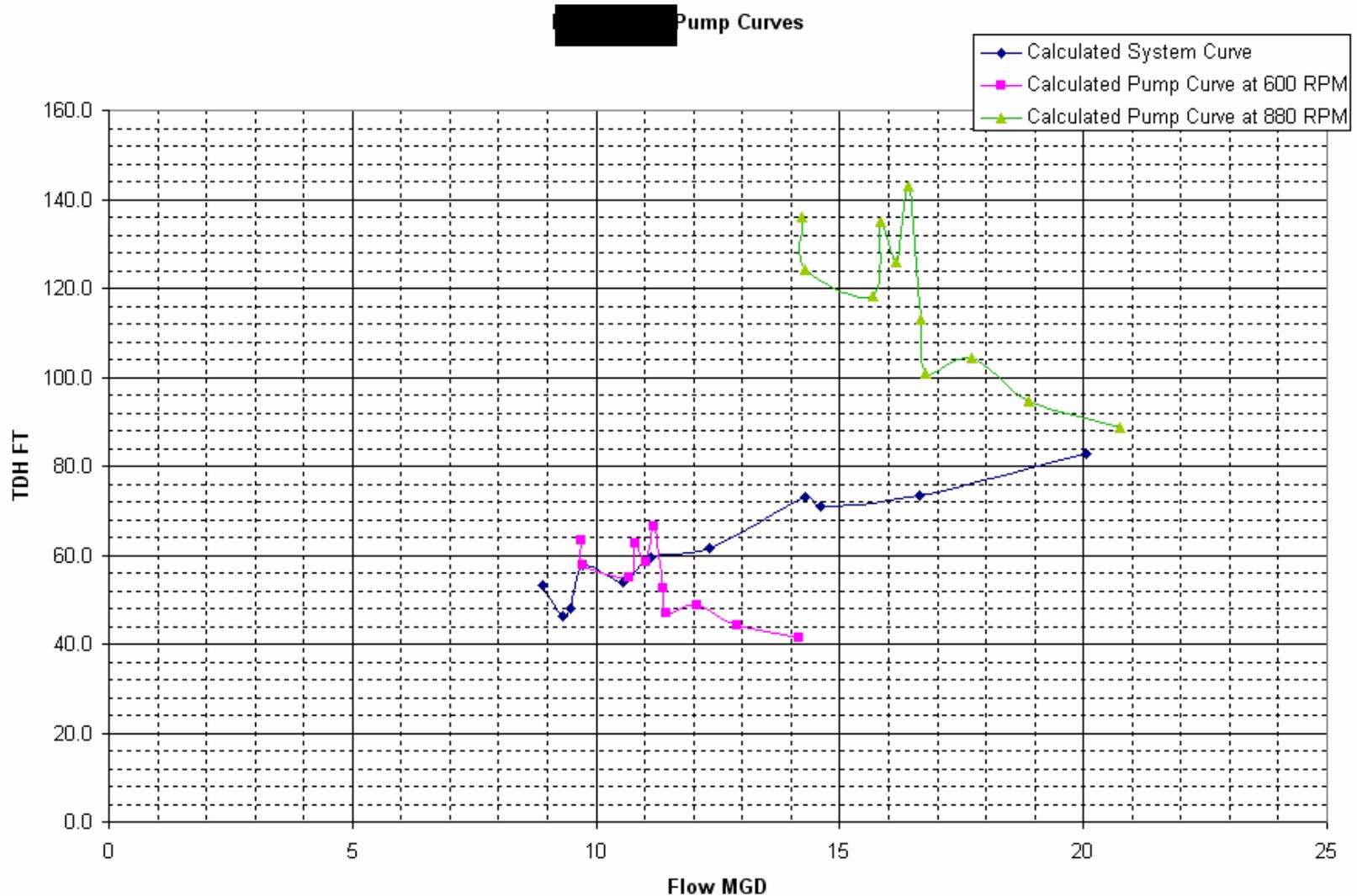
Must make those pump curves....

Samples of Pump Curves



Sometimes the data looks right... 😊

Samples of Pump Curves



Sometimes it doesn't..... 😞

But Either Way, We Still had Fun



Thank You King County



Questions?

