

**CEEn-2018CPST-009**

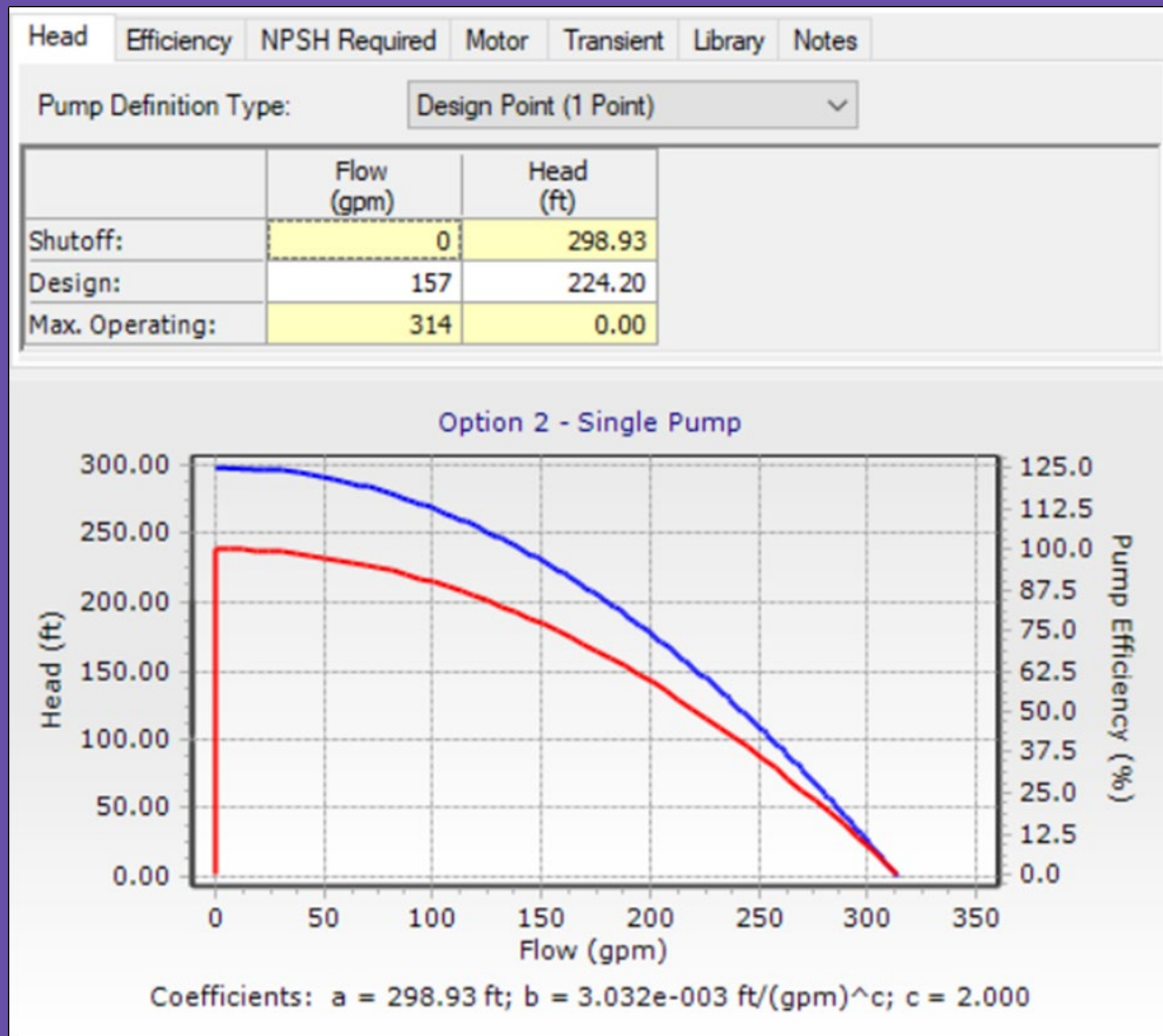
## **Sewer System Consolidation**

# **TEAM INVICTUS**

# Introduction



# Design, Analysis and Results





# Conclusions and Recommendations

## Option 2

- Most cost-effective
- Does not bore under Highway I-80
- Less construction in Newcastle neighborhoods

Option	Sub-total Estimated Cost	Contingency (15%)	Total Cost
1	\$ 1,182,000.00	\$ 177,000.00	\$ 1,359,000.00
2	\$ 865,000.00	\$ 130,000.00	\$ 995,000.00

**The End**