

**OLD HENRY PUMP STATION & FORCE MAIN
PRELIMINARY ODOR CONTROL ENGINEERING
LOUISVILLE, KY**

WEA provided preliminary odor control design engineering for the proposed 6.3 MGD Old Henry Pump Station and Force Main project in Louisville, KY in 2003. WEA evaluated the odor control needs for the project and provided recommended odor control systems and design criteria to the project design engineers. A chemical injection system was recommended to reduce hydrogen sulfide odors in the force main and carbon adsorption systems were recommended to treat odors from the pump station wet wells and the force main air relief valve vaults. WEA also reviewed the odor control design documents and provided comments at the 60% and 90% design levels.

**FINAL PROJECT
SCORECARD**

- Odor control needs were identified**
- Preliminary odor control design recommendations and design criteria were provided**
- Odor control design documents were reviewed**



**Typical Carbon
Adsorber System**



**Typical Chemical
Injection System**