

Operations Area Space Needs Assessment

The Water Department team (treatment staff, distribution staff, and operations staff) operate as an integrated unit. The overall building area is estimated to be approximately 31,500 square feet with the treatment process area of approximately 17,500 square feet. A breakdown of the uses for each section of the water department is as follows:

Treatment Process Area:

- Clarifiers
- Filters
- Chemical Storage and Feed Equipment
- Pipe galleries
- Electrical Room
- Mechanical Room
- Distribution Pumps

Treatment Staff Areas:

- Control Room
- Chief Operator's Office
- Water Quality Laboratory
- Sample Storage Room

Distribution Staff Areas:

- Distribution Foreman's Office

Operations Staff Areas:

- Water Superintendent's Office
- Assistant Water Superintendent's Office
- Shared Office Space for the Billing Staff

Shared Spaces:

- Breakroom/Training Room
- Locker Room
- Secured Storage Area
- IT/Data Room
- Emergency Operations Resource Room
- Bathrooms
- Conference Room
- Public Access Vestibule
- Mechanical Room
- Electrical Room
- Garage

Note: The garage is listed as a shared space because it will be used to store both distribution and treatment equipment. Treatment equipment to be stored in the garage consists of pick-up trucks, a forklift for chemical deliveries, and two trailer mounted generators.

The following pie charts illustrate the percentage of the total square footage of the space that will be used by each section of the water department.

Figure 1: Total Facility Space Use Breakdown

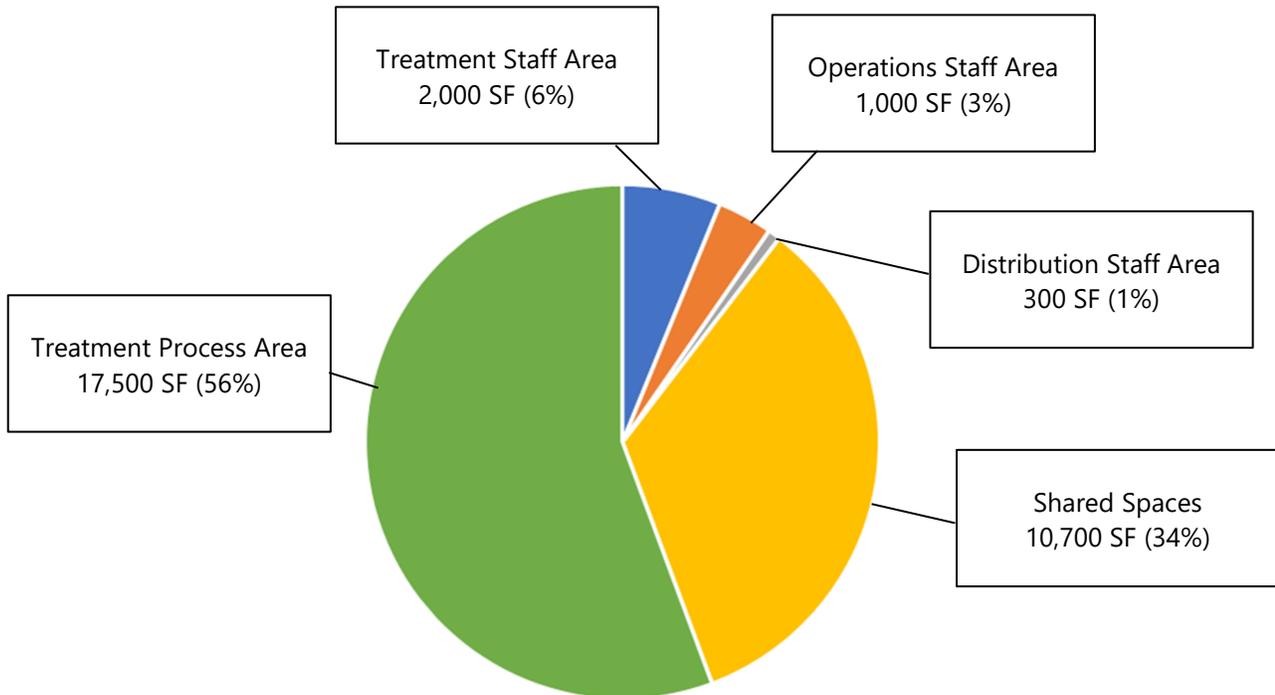


Figure 2: Operations Area (Non-Process/Garage Area) Space Use Breakdown

