

Sample Annual O&M and Short-Lived Asset Reserve Costs

Example of information requested in the Preliminary Engineering Report, section 6.f.ii and iv.

The cost to operate the entire system needs to be provided. For example if the project is to replace the wastewater collection system and no work is planned for the treatment system the cost to operate and maintain the collection and treatment system needs to be provided.

The description must clearly describe the items or task, show the year the event occurs, and the cost in today's dollars.

The following wastewater sample is for gravity sewer collection, one lift station, and a controlled discharge lagoon.

The follow events occur every year (annual O&M costs)

Pump station electricity/tele	\$1,150
Pump station inspection/clean	\$100
Collection system general labor	\$500
Billing/accounting	\$600
Office supplies	\$100
Insurance/permits	\$500
Minor pump station repairs	\$100
Lagoon operator	\$5,000
Water testing/sampling	\$500
Mowing	\$600
Total	\$9,150

The following event occurs in year 10

Replace pumps	\$8,000
Repair/replace controls	\$500
Repair manholes	\$300
Total	\$8,800

The following event occurs in year 15

Check & Clean manholes	\$3,000
Check & Clean sewer lines	\$1,000
Total	\$4,000

The following event occurs in year 20

Replace pumps	\$8,000
Repair/replace controls	\$500
Repair manholes	\$300
Total	\$8,800