

BRF O&M Grants Guidelines

In general, BRF O&M grants are provided in a manner that would encourage optimized ENR facilities to make best efforts to achieve 3 mg/l total nitrogen (TN) and 0.3 mg/l total phosphorus (TP) on annual averaged basis. Grant payments are allocated to the facilities based on their approved design capacity at the time of the ENR upgrade. The base grant amount is determined as follows:

| Approved Design Capacity | Base Grant Amount |
|--------------------------|--|
| Less than 1.0 MGD | Fixed annual grant amount of \$30,000 |
| Between 1.0 and 10.0 MGD | Annual grant is calculated at \$30,000 per MGD |
| More than 10.0 MGD | Fixed annual grant amount of \$300,000 |

Due to the complexity of the biological process, it takes a facility one year after construction completion to optimize its operation and be expected to achieve ENR level of treatment (3 mg/l TN and 0.3 mg/l TP). Therefore, the following scenarios would be possible:

Scenario 1: (Construction was completed during the reviewed year)

Partial payment will be calculated based the construction completion date of the ENR facilities regardless of the ENR performance:

$$\text{Partial Payment} = \text{Base Grant Amount} \times \frac{\text{\# of months in ENR operation}}{12 \text{ months}}$$

Scenario 2: (Optimization was completed during the reviewed year)

Full payment of the base grant amount is made regardless of the ENR performance based on the following rationale:

- The facility was in ENR operation for the full reviewed year because construction was completed in the year before.
- ENR performance cannot be considered because it was being optimized for part of the reviewed year.

Scenario 3: (Full ENR Performance – Both construction and optimization were completed before the reviewed year)

- Full Payment is made if the annual average for TN \leq 3.0 mg/l, **and** TP \leq 0.30 mg/l.
- No Payment is made if **either** TN $>$ 3.0 mg/l, **or** TP $>$ 0.30 mg/l.