

constructed and started operating two Seaside Groundwater Basin ASR injection/extraction wells that will deliver 920 afy on average. These existing projects are listed and discussed in this Chapter to indicate how total demand for replacement water in the service area can be met.

In addition to these two existing water supply projects, two implementable measures could also support achievement of the total water supply objective for the service area in other ways. The first, implementation of feasible water conservation measures, would reduce water demand in the service area while the second, improved inspection and maintenance of water mains, would reduce current leakage and evaporative losses. These measures could be implemented independent of a decision to proceed with any of the three projects considered in the EIR and are not further discussed herein.

**Table 3-1** summarizes the facilities that would be included in each of the projects analyzed in this EIR. Certain facilities already exist while others are proposed as part of one or more of the alternatives. Consistent with CEQA and its guidelines, this EIR evaluates the significant adverse changes to existing conditions that would result under the Applicant's Proposed Project and the alternatives to it. Such changes may involve modifications to and/or changes in the use of existing facilities as well as construction and operation of new facilities.

**TABLE 3-1  
PROJECT FACILITIES**

|  | <b>Moss Landing Project</b>                     | <b>North Marina Project</b>            | <b>Phase 1 Regional Project</b>  | <b>Full Regional Project</b>   |
|--|---|--|--|--|
| <b>Desalination Plant</b>                                  | 10 MGD at Moss Landing                          | 11 MGD at North Marina                 | 10 MGD at North Marina   | 13 MGD (total) at North Marina   |
| <b>Source Water</b>  | Existing cooling water system at the MLPP       | 6 new subsurface intakes (slant wells) | 5 new subsurface intakes (vertical wells)                                      | 10 (total) new subsurface intakes (vertical wells)   |
| <b>Brine Disposal</b>                                      | Existing MLPP Outfall                           | Existing Outfall at MRWPCA             |  |  |
| <b>Product Water Conveyance</b>                            | Transmission Main North                         |  |  |  |
|  | Transmission Main South                         |  |  |  |
| <b>Seaside Groundwater ASR</b>                             | 2 existing and 2 new injection/extraction wells |  |  |  |
|  |   |  | 3 additional injection wells   |  |
|  |   |  |  | 2 additional injection wells   |
| <b>Surface Water Treatment</b>                             |   |  | Existing Salinas River Diversion Facility and new 14 MGD Plant at North Marina |  |
|  |   |  |  | Expansion of Salinas River Diversion Facility  |
| <b>Salinas Basin Groundwater for North Monterey County</b> |   |  |  | Expansion of the Castroville Seawater Intrusion Project, Perched water storage at the Armstrong Ranch, additional distribution pipelines |