

# RESTORATION TECHNIQUE: Surcharged Open Coast Groyne

## HABITAT TYPE : Open Coast

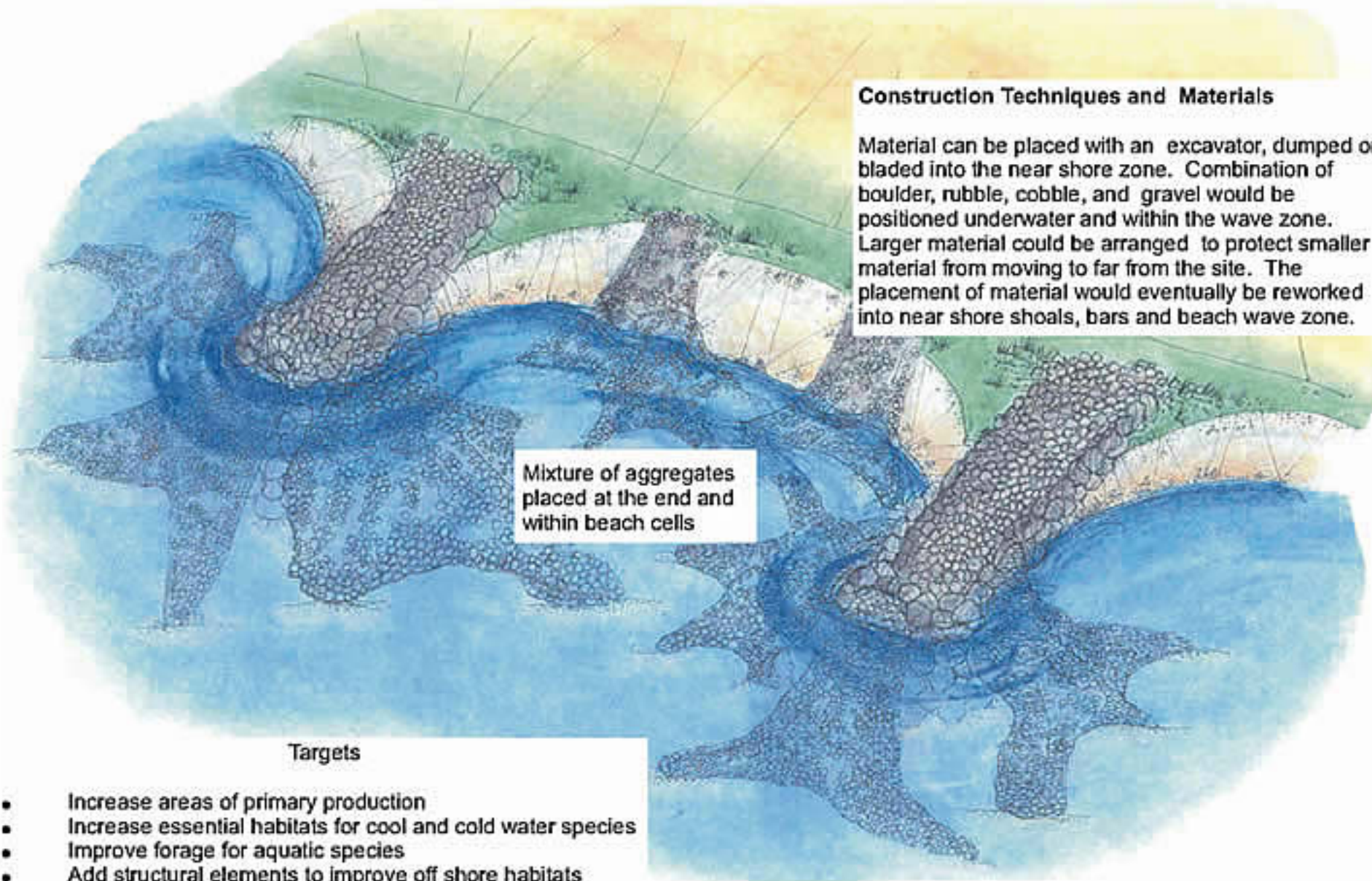
### Construction Techniques and Materials

Material can be placed with an excavator, dumped or bladed into the near shore zone. Combination of boulder, rubble, cobble, and gravel would be positioned underwater and within the wave zone. Larger material could be arranged to protect smaller material from moving to far from the site. The placement of material would eventually be reworked into near shore shoals, bars and beach wave zone.

Mixture of aggregates placed at the end and within beach cells

### Targets

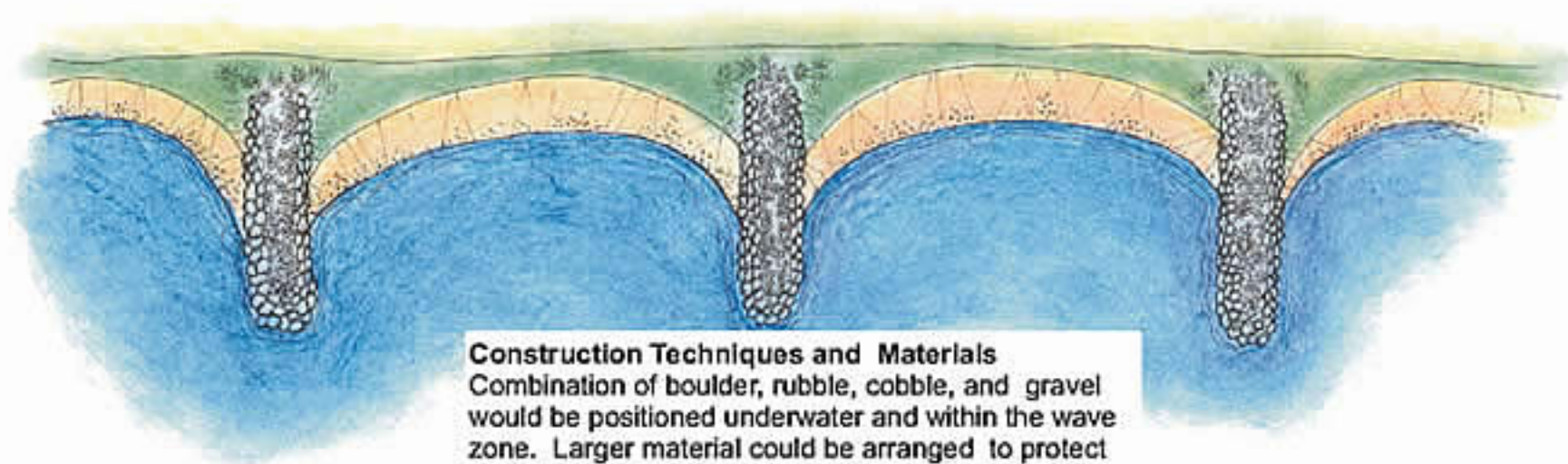
- Increase areas of primary production
- Increase essential habitats for cool and cold water species
- Improve forage for aquatic species
- Add structural elements to improve off shore habitats





# RESTORATION TECHNIQUE: Surcharged Open Coast Groyne

HABITAT TYPE : Open Coast



**Construction Techniques and Materials**  
Combination of boulder, rubble, cobble, and gravel would be positioned underwater and within the wave zone. Larger material could be arranged to protect smaller material from moving to far from the site. The placement of material would eventually be reworked into near shore shoals, bars and beach wave zone.



Targets

- Increase areas of primary production
- Increase essential habitats for cool and cold water species
- Improve forage for aquatic species
- Add structural elements to improve off shore habitats

Mixture of aggregates placed at the end and within beach cells