



# ECO-ANT21 CORPORATION

20280 S. VERMONT AVE SUITE #200 , TORRANCE, CA 90502

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## AERATION DESIGN REQUEST FORM

1. Project Description
  2. Company Information  
Co. Name  Contact Name   
Street  Position   
Phone  Fax   
City/State/Zip
  3. Type of Project: New  Upgrade   
If upgrade give blower model or specifications.
  4. Type of Waste:
  5. Treatment Process:
  6. Basin Configuration:
  7. Basin Liquid Temperature: Summer  °F/C Win ter  °F/C
  8. Elevation (Plant site elevation above sea level):  m/ft
  9. Basin Dissolved Oxygen Concentration :  mg/l
  10. Alpha and Beta Factors: Alpha  Beta
  11. Design Avg. Flow  Peak Flow  m<sup>3</sup>/day or MGD
  12. Influent - BOD mg/l  Effluent Required -  mg/l
  13. Influent - NH<sub>3</sub> -N mg/l  Effluent Required -  mg/l  
AOR for treatment  kg O<sub>2</sub> /day or hr (pounds O<sub>2</sub> /day or hr)  
(Field process O<sub>2</sub> required)  
SOR for treatment  kg O<sub>2</sub> /day or hr (pounds O<sub>2</sub> /day or hr)  
(Clean Water process O<sub>2</sub> required)
- ECO-ANT21 prefers the SOR (clean water) values of process oxygen be supplied when available. This minimizes variation in design values and provides quicker answers for your use.
14. Number of Aerated Basins:  
Depth  Length  Width  (m/ft)
  15. From: Name   
Address  Fax   
Phone  Email