

ADS WASTEWATER DESIGN WORKSHEET

Air Diffusion Systems, A John Hinde Company

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Project Name & Location:

Contact Person:

Email Address:

Phone:

Fax:

Cell:

Project Engr & Firm:

Address:

Email Address:

Phone:

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Cell:

DESIGN PERMIT PARAMETER DATA: Is this system EXISTING or NEW?

Design Flow (In MGD) =

	INFLUENT		EFFLUENT	
	mg/l	PPD	mg/l	PPD
BOD				
Suspended Solids				
Ammonia or Nitrogen				
Phosphorus				

DESIGN CONDITIONS			
Lagoon Elevation =	Alpha =	Beta =	
	Minimum	Maximum	
Water Temperature:	__ C __ F	__ C __ F	
pH:	6.5	9.0	
Additional Information			
Reaction Rate (K _e): If known			

EXISTING PLANT INFORMATION				
	CELL # 1	CELL # 2	CELL # 3	CELL # 4
Bottom Dimension				
Water Depth				
Free Board				
Side Slope				
Volume (MG)				
Cell Age				
Est. Sludge Depth				

Please include a scale drawing of your system

In addition to the above worksheet, ADS will need the following information in spreadsheet or daily or monthly records:

1. One Year of Inlet / Outlet Data
2. Existing Treatment issues
3. Copy of Existing NPDES Permit
4. New discharge limits
5. Electrical Service (Volts & Phase)
6. Any blower shelter
7. Any Sludge data
8. Any Industrial loads and the type of waste