

Clin	nate change	
IP(CC reports	
	WMO INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE	
	Climate Change 2007: The Physical Science Basis	
	Summary for Policymakers	
	Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change	A
	Z Z	model









































































 Comparison of <i>no control</i> and 		
<i>yes control</i> (DO control in aer	obic reactors	, DO = 2mg∙l
Breakdown of GHG emissions (kg CO2e·m-3)	No control	Yes control
Bio-treatment GHG emissions	0.451	0.376
Biomass respiration	0.179	0.178
BOD oxidation	0.212	0.212
Credit nitrification	-0.168	-0.167
N ₂ O emissions	0.228	0.152
Sludge processing GHG emissions	0.231	0.231
Net power GHG emissions	0.000	-0.038
Power	0.311	0.272
Credit power GHG emissions	-0.311	-0.310
Embedded GHG emissions from chemical use	0.099	0.099
Sludge disposal and reuse GHG emissions	0 193	0.193

















