

Table 2: Financial and Environmental Assessment of Landfill Gas Options

EVALUATION CRITERIA	Pipeline Gas + CNG	Cogeneration	Pipeline Gas
Financial (PV 20yrs @ 4.5% pa)			
Revenue	-	21 M\$	-
Natural Gas offset	123M \$	-	143M \$
Diesel fuel offset	72M \$	-	-
Gas Wheeling Charges	3M \$	-	3M \$
Landfill Gas Refining Contract	105M \$	-	105M \$
Pipeline Construction Cost	5M \$		
CNGV Capital Cost	32M \$	-	5M \$
CNGV O&M Cost	14M \$	-	-
NPV (PV 20yrs @ 4.5% pa)	36M \$	21M \$	30M \$
Environmental			
GHG reduction retained by City CO ₂ e (tonne)	1,158,000	-	1,113,000
GHG reduction transferred to OPA CO ₂ e (tonne)	-	1,226,000	-
CAC reduction NO _x (tonne) SO ₂ (tonne)	7,000 1,900		