Wood LCI Dataset

Functional unit: 1000 board feet dry lumber

1 Material Inputs		Unit
Main material inputs		
Wood Fiber	6.33E+02	kg
Land use		
Primary ancillary materials		
Hydraulic Fluids	2.69E-01	L
Greases	4.78E-02	kg
Motor Oils	1.75E-01	L
End Paint	1.08E-02	L
Polyethylene Sheet	5.45E-04	kg
Lumber Wrap	1.39E-01	kg
Steel Strapping	4.58E-01	kg

2 Energy		Unit
Total	2.80E+03	MJ
Process Non-electric	2.17E+03	MJ
Fuel oil	1.80E+01	MJ
Diesel	3.91E+02	MJ
Gasoline	3.80E+01	MJ
Natural Gas	5.22E+02	MJ
Hogfuel	1.19E+03	MJ
Propane	1.20E+01	MJ
Process Electric	5.26E+02	MJ
Transportation	9.60E+01	MJ

3 Water Use		Unit
Total water	5.10E+01	L
Fuel related water	8.00E+00	L
Process related water	4.30E+01	L

4 Emissions to Air		Unit
Carbon dioxide	1.82E+02	kg
CO_2 fossil fuel	8.47E+01	kg
CO_2 biomass	9.73E+01	kg

Carbon monoxide	6.27E-01	kg
Sulphur oxides (reported as SO2)	2.33E-01	kg
Nitrogen oxides (reported as NO2)	9.52E-01	kg
Methane	4.31E-02	kg
Dust & particles (includes metals)	9.51E-01	kg
Acid gases		
NMHC (non-methane hydrocarbons)	2.57E-01	kg
VOC		
Hydrocarbons (unspecified)		
Nitrogen		
Other organic compounds		
Other		

5 Emissions to Water		Unit
Phosphates and ammonia		
Oils and greases	1.57E-05	kg
Suspended solids	9.14E-03	kg
Other organics	4.72E-02	kg
Other		
Hydrocarbons		
Metals		
Heavy Metals	0	kg
Acids		
BOD	3.10E-03	kg
COD	1.45E-05	kg
Salinity		
Dissolved solids	8.26E-02	kg

6 Wastes		Unit
Total waste	2.09E+01	kg
Process related wastes	2.08E+01	kg
Municipal wastes	2.00E-01	kg
Emissions to Land		
RCRA D		
RCRA C		
Emissions to Deepwell		
RCRA D		
RCRA C		