



13th March 2020
Chemcycle Project
Harris Pyle

Input to plant	2,000.00	bins/day
Operating hours	4,800.00	hours/annum
Annual input	600,000.00	bins/annum
1100L bin	100.00	Kg (assumed)
Annual throughput	60,000.00	T/a
input to pyrolysis	50,400.00	T/a

Input bulk density	120 Kg/m³
Material height	10 m
material width	5 m
material length	23 m
angle of repose	45 °
Number of bunkers	3 off
compression factor	2
Material Volume per bur	900 m³
Total Volume	2700 m³
Total Tonnage	648 Tonnes
Storage time	72 hours