Small industrial center (PIK) Lut Putra Solder is a relocation of Small and Medium Enterprises (SMEs) smelting metal wastes which were previously scattered villages Pesarean, Lemahduwur, and Kebasen and several other villages. An industrial area should have good carrying capacity of the land so that the impact does not damage the environment. The purpose of this study are: (1) Determine the evaluation of land carrying capacity in the Lut Putra Solder industrial area

This study uses survey and field mapping, laboratory analysis and scoring of physical parameters. Physical parameters tested such as: (1) Rainfall, (2) Slopes, (3) Violence rocks, (4) Thickness Land, (5) Soil Texture (6) Insecurity Flood. (7) The depth Front Water (8) Infiltration. Measurement of the value of the physical parameter the carrying capacity of land is done in the field by using research tools. Data measurement of physical parameters and then put on the table the criteria and the dignity of each parameter. Values obtained from the land capacity akumulai dignity of every physical parameter. Then these values are used to determine the grade land capacity for further evaluated and appropriate land management.

Based on the results pengharkatan, carrying capacity industrial land PIK LUT Putra Solder obtain a score of 31. Grades carrying capacity of the land included in both criteria, namely the carrying capacity of land with good conditions and a slight lack of meaning. Of the 8 parameters evaluated, there are 3 parameters that are not in accordance with the carrying capacity of the land allotment industrial area that is on the parameters of precipitation, ground water level depth and vulnerability to natural disasters.

Keywords: Evaluation, Industrial Area, Land Capability