PT Duta Nurcahya is one company of coal mining industry, it operation planned from 2013 to 2047. In related with end of mining operations, it can cause potential problems, such as disruption of environment function, baseline environmental changes and decline of economic society. Therefore, important to plan mining closure program. PT Duta Nurcahya has an area of production operation mining permit covering 4,999 hectares. It locate in Muara Bakah Village, Lahei District, North Barito Regency, Central Kalimantan Province.

The study was conducted in area that include of mine closure activities, including supporting facilities area, coal preparation plant, topsoil disposal, and mine void. Based on study, mine closure plan includes the demolition supporting facilities, landscaping, revegetation, erosion control, handling void. Use of mineclosure land can toward to sengon, jabon and gamelina plant revegetation. Furthermore, mining void can developed to fishery and reservoir water. Mineclosure plan used during 3 years after end of production operation.

The beginning of landscaping reclamation is arrangement overburden and top soil material. Erosion control by plant cover crops and water drainage system. It's selected base of reclamation surface condition, which arranged till has slope of < 8 % (declivous). Landscaping used heavy equipment such as backhoe, dumptruck and bulldozers. Landscaping begins with arrangement of material until thick of material overburden top 1 m and topsoil 0,25 m. Mine void formed covering 3,99 ha in 2046-2047, it’s resolved by making “safety void” in North side of void with slope of single bench 30\(^\circ\), that will be revegetated with plant cover crops, make a safety buffer of 10 m radius around void, and make void safety dike. “Safety void” material is peeled as much as 310,477 m\(^3\), it’s used to filling material void, shallow void base, safety buffer, and void safety dike. Preparation and management of base void is heap clay material with thickness of 3 m and top soil 0,25 m on top, calcium oxide (CaO) to neutralize pH, and fertilizer for nutrient enrichment.

**Keywords:** mineclosure, stakeholders, technical