

東勢林場解說牌 Dongshi Forest Garden Explanation Board

水保設施 靜水池 Soil and Water Conservation facilities: Stilling basin

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定義：廣泛定義為水力消能設置，例如水躍、固定於消能結構之水池。

Definition: Broadly defined as a hydraulic energy dissipation facility, such as a hydraulic jump or a pool fixed to a dissipation structure.

目的：設置於溢洪道與下游河道之間，由上游排下來的大量動能與位能，轉換成為紊流能量，以摩擦散熱方式，把巨大的能量藉水躍與紊流作用，消耗於靜水池中。

Purpose: Located between the spillway and the downstream river, it converts the large amount of kinetic and potential energy discharged from upstream into turbulent energy. This massive energy is then dissipated within the stilling basin through friction and heat dissipation.



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