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Alaska Marijuana Control Board

Operating Plan Supplemental

Form MJ-04: Marijuana Cultivation Facility

Describe the marijuana cultivation facility's growing medium(s) to be used:

The Cultivation Facility will use Pro-Mix Soil as a growing medium. Pro-Mix is specially formulated with all natural ingredients, It contains an organic fertilizer that provides gradual feeding to the plants.

Describe the marijuana cultivation facility's fertilizers, chemicals, gases, and delivery systems, including carbon dioxide management, to be used:

The facility will use carbon dioxide (CO2) as a gas distributed in the growing rooms by pressurized cylinders of carbon dioxide. The gas is used to supply the plant roots and plant leaves with oxygen and carbon. The parts per million (ppm) of carbon dioxide gas distributed to each growing room will be constantly electronically monitored and set to turn on and off when the ppm concentration of CO2 gas falls below or rises above a set concentrate. The facility will use hydrogen peroxide and chlorine bleach as cleaning agents.

The facility will use FloraNova Bloom and FloraNova Grow as fertilizers. The fertilizer will be added to the 50 gallon water tank which is part of the watering system and mixed with the water according to a schedule. This fertilizer calls for 1/2 to 3 teaspoons per gallon of water from early flowering through harvest. The water containing the fertilizer will be delivered through hoses hanging above the plants. More information about FloraNova can be found at www.planetnatural.com/productfloranova-bloom/

Describe the marijuana cultivation facility's irrigation and waste water systems to be used:

The cultivation facility will use hoses to irrigate plants.
Waste water that is not re-used will be drained into the facility's septic system which was approved by an engineering firm to contain the type of waste water expected to be discarded from this facility (See details in Operation Plan Section 5) A neutralizer will be added to the septic system as well to eliminate the possibility of eutorphication.
A local septic pumping business licensed by local state and federal authorities to dispose of this type waste will be utilized to remove the waste water.