

# OASIS '91 RegenOasis

Power  
Shelter  
Water  
Food  
Regeneration



## Water

### Rainwater Capture

The roughly 555 square feet of canopy area captures rainwater, utilizes a first wash flushout controller, and can store up to 500 gallons of rainwater. Gutters and pipes between panels route the water to the storage tank.

### Water Storage & Filtration

Three 500 gallon tanks allow for 1000 gallons of rainwater storage and 500 gallons of filtered water storage.

The Reverse Osmosis and UV filter system can filter up to 100(?) gallons per day.

### Water Diversion

The control system uses a first flush system prevents water from entering the tanks until after the incoming water is clear. The first few gallons of rainwater are diverted to the ground to clean the surfaces.

## Food

### Agricultural Regeneration

Water for grasses and sedges irrigates local flora to feed the bison and goats.

Butterfly and bee friendly flowers and plants can help restore and rebalance the ecosystem.

### Irrigation Control System

Rainwater and springwater can be captured, filtered, stored, and measured out for all uses, including irrigation for local flora and fauna.

Radical Inclusion  
Decommodification  
Radical Self Reliance  
Radical Self Expression  
Civic Responsibility  
Leaving No Trace  
Communal Effort  
Participation  
Immediacy  
Gifting  
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