



MUNICIPALITY OF HARRISON PARK 2019 GRANT APPLICATION FORM

Organization: Sandy Lake Water Protection Working Group Inc.

Address: 37 Serenuk Drive, Sandy Lake, Manitoba, R0J 1X0

Contact Person: Daryl Kines

Email Address: DarylKines@hotmail.com

Phone Number: (204) 585-2629

Grant Amount Requested: \$ 7,000

Please provide a brief summary of how the grant will benefit your organization:

The requested funds will be used to purchase and install an aeration / water circulation unit at Sandy Lake's Main Street dock and beach area.

The Sandy Lake experiences algae blooms in the summer when the water warms up. Occasionally these blooms pose a health risk to humans and pets. The Province of Manitoba has signs posted at the Main Street dock & beach area indicating the risk.

The proposed unit is specifically designed for water quality improvement in small, targeted areas of lakes & ponds with an area of influence of up to 5 acres (about a 500' diameter circle). It will be installed at the end of the Main Street dock and will treat the swimming beach and boat launch areas. The unit is safe for swimmers as there are no moving parts or electrical wires in the water.

The unit includes a ¼ hp 200 watt diaphragm pump that will be powered using solar panels mounted on the roof of the Watercraft Inspection Office.

See the next page for additional information on the unit.



GridBee® AerationPlus 1800 Circulator

For Ponds, Small Lakes & Marinas

GridBee® AerationPlus submersible circulation systems provide a cost-effective solution for improving water quality, aesthetics and biodiversity.

AerationPlus 1800-AU100 Circulation System: Includes GridBee® AerationPlus1800 air-powered circulator, AU100 air unit, 100' of air hose, timer, anchor, and SS chain. The system is easy to install and maintain and, the mixing unit is not visible from the surface, only the mixing impact is visible. Maximum 8' submergence depth, minimum 3'.

AerationPlus 1800 Circulator: Designed to be submerged, has built-in flotation, constructed of non-corrosive materials, 3/4" air hose connection.

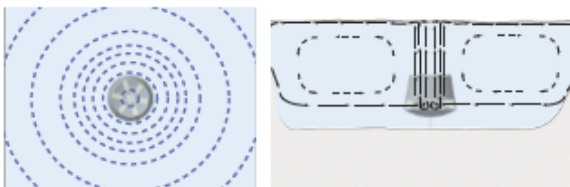
AU100 Air Unit: 1/4hp (200 watt) air unit, all-weather, rated for outdoor use, plugs into standard 120vAC service.

Options:

- Larger air units for deeper submergence depths.

Go to www.medoraco.com/ap1800 for videos and additional technical information.

Circulation Flow: aerial and side view



Contact Us For More Information

Medora Corporation | GridBee® SolarBee®

www.medoraco.com | 866-437-8076 | info@medoraco.com

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AP1800



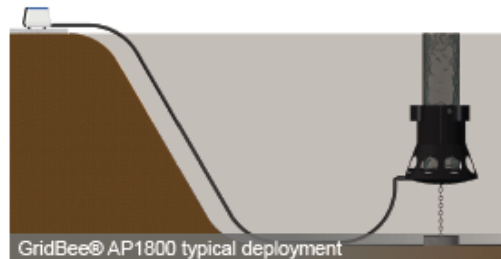
Air Unit



Timer



Air Hose



GridBee® AP1800 typical deployment



GridBee® AP1800 recreation pond application



GridBee® AP1800 under dock operation.