

May 2, 2008

## Announcement

The Portland Water District is offering to sell the following used, equipment to the highest bidder. The equipment is being offered as is, where is, with no warranties what so ever. It will be the responsibility of the successful bidder to remove said equipment within 60 days of notification of award.

The equipment comes from an E.A. Aerator Plant, manufactured by Lakeside Equipment Corporation. The facility was installed in 1987 in the Little Falls section of Gorham, Maine.

**Anyone wishing further information or wishing to view the equipment prior to bidding on it should contact Paul Francoeur at 207-856-6832.**

## Original Specifications –

- One (1) 40,000 gallon per day E.A. Aerator Plant.
- Size: total plant 39' – 3" diameter.
- Rotor Assembly
  - One (1) Mini-Magna rotor aerator – shaft mounted reducer, Type D base mount, belt driven.
  - Sidewall mounted splash plates.
  - 28" X 8' rotor length with 5' of blades.
  - RPM: 60.
  - Immersion: 7 ½".
  - Gear reducer: One (1) Dodge TXT-215 shaft mounted double reduction helical gear reducer, ratio 14.10 to 1, with adjustable motor mounting base.
  - Motor: One (1) 3 HP, 1750 rpm, 3/60/230/460 volt horizontal, TEFC motor for outdoor operation.
  - Bearing: One (1) inboard pillow block roller bearing, Dodge #060786, 3" non-expansion, and one (1) outboard pillow block roller bearing, Dodge #060785, size 3" expansion
  - Rotor includes a fiberglass cover

Heaviest piece of equipment is the rotor assembly which weighs 1100 pounds.

- Lakeside Clarifier parts
  - Bridge: One fabricated steel 3' – 0" wide with ¼" aluminum checkered plate walkway, and 1 ½" std. aluminum double pipe handrails.
  - Drive: One (1) Winsmith 4 MCVD gear reducer, ration1500 to 1, driven by a ½ HP, 1750 RPM "C" Face Motor, 3/60/230/460 volts, TEFC for outdoor operation.
  - Center Column: One (1) steel column shaft designed to drive and support collector trusses. Heavy duty self-aligning grease lubricated upper roller bearing and lower water lubricated bearing with steady shaft.

- Collector: Two (2) fabricated structural steel, truss type attached to center column, with blade holders and steel squeegees covering full diameter of tank.
- Skirt: One (1) Alclad aluminum by 0.063" thick skirt and skirt supports, fastened to concrete tank.
- Race Velocity Controller: One (1) race velocity controller complete with mounting bracket, 1/3 HP 160/115 volt motor, operating shaft, propeller and Nema 1 time clock.

Heaviest piece of equipment is the Bridge which weighs 1000 pounds.

Miscellaneous other parts such as influent trough deflector, scum skimmer, weirs and anchor bolts are available for the taking.

If interested, please contact:

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