Installation Checklist

Hoot Aerobic Treatment System

INSTALLATION VERIFICATION

DATE: _____ **INSTALLER:** _____

SITE ADDRESS: _____

COUNTY: _____ **PERMIT #:** _____

To be completed by the installing contractor at start-up and submitted to SOS for verification. SOS is the manufacturer of record; the installing contractor is responsible for verifying each item below before system commissioning.

- ☐ 30-amp electrical disconnect is within sight of the Hoot Controller.
- ☐ Tank top access lids are appropriately sealed (Ramneck and/or concrete).
- ☐ Lid/body tank seam and riser columns have been appropriately sealed (Ramneck and/or concrete).
- ☐ Headworks riser installed and positioned so that the filter and solenoid are easily accessible.
- ☐ Recirculation line in headworks riser is capped.
- ☐ Recirculation line from headworks to trash trap has check valve appropriately installed.
- ☐ Solenoid is set to **Auto** (NOT on Manual) and screwed all the way in.
- ☐ Solenoid wires cannot come into contact with water — either from water rising in the Pump chamber or water flowing in from the Aeration chamber.
- ☐ Sensor probe installed with sensors facing the headworks opening.
- ☐ Pump wires and sensor wires located in **separate** conduits to the controller.
- ☐ 100% silicone (Silicone II) has been applied inside all LBs and all conduits feeding the Hoot Controller to seal openings and prevent corrosion from septic gases.
- ☐ Hoot Controller wiring verified — installer initials each: Probe _____ Power Bar _____ Monitor (opt.) _____ Solenoid _____
- ☐ Hoot Controller and Blower are less than 50' from tank — **absolutely no splicing**.
- ☐ Blower check valve appropriately installed; blower hoses securely clamped.
- ☐ Blower back-pressure tubing (¼" black) is not kinked or otherwise restricted.
- ☐ Aeration chamber (center) is completely filled with water, and the Pump chamber is filled to at least 12" above the lowest sensor on the probe.
- ☐ If required by county: remote monitoring module powered, connected, reporting — confirm status indicator and verify a successful test alert (cellular signal or network connection active).
- ☐ Geoflow tubing matches the specified part number from approved plans.
- ☐ Geoflow driplines installed on a mostly horizontal plane.
- ☐ Dripfield supply and return lines have check valves appropriately installed.
- ☐ Air release valves are installed at the highest points on each dripfield supply/return manifold. *Note: air release valves are already located inside the headworks box so the tank can sit higher than the dripfield with no siphoning issues.*
- ☐ GREEN LED light is lit on the sidewall of the UV electrical box (indicates lamp is working).
- ☐ System start-up OK (GREEN light on) — leave system operating.

COMMENTS:

_____

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_____

Installer Signature Date: _____
I attest that the installation meets all items above.

SOS Representative Signature Date: _____
Verifies receipt and review of completed checklist.

Promoting Advanced Wastewater Technology

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