a separate gear shaft extending through the side wall of the tubular member and into the said second compartment, said gear shaft carrying variable sized speed reduction gears, one meshed with the gear drive of the drive shaft for driving the said gear shaft at an angular velocity predetermined by the ratio of the gear diameters, while the other is meshed with the gear means of the worm conveyer shaft to drive the worm conveyer at a desired speed of rotation relative to the flowing stream.

8. The apparatus of claim **7** wherein the end wall of the second compartment upon which the worm conveyer shaft is journalled is a removable cover.

9. The apparatus of claim **8** wherein the removable cover is threadably engageable with the side wall of the second chamber.

10. The apparatus of claim **7** wherein the variable gear directly operatively meshed with the gear drive of the drive shaft is of larger diameter than the latter.

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