**Table 5.3.1 Potential environmental watering actions, expected watering effects and associated environmental objectives for the Ovens system**

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| **Potential environmental watering action** | **Expected watering effects** | **Environmental objectives** |
| Mullinmur Wetland (top up during November to February) | * Maintain the water level within the wetland to support the growth and recruitment of aquatic vegetation
* Maintain habitat for native fish
 | Icon indicating an environmental objective in this system benefits fish populations | Icon indicating an environmental objective in this system benefits vegetation |
| Autumn fresh (one fresh of greater than 430 ML/day for three days in reaches 1 and 4 and greater than 130- 260 ML/day for three days in reach 5 during March to April) | * Provide flow cues to stimulate the movement of native fish
* Increase connectivity between pools for fish movement
* Mix pools to improve the water quality
* Provide small variations in river levels and velocity, to flush sediment from hard substrates and maintain waterbug habitat
* Scour biofilm from the river bed
 | Icon indicating an environmental objective in this system benefits fish populations | Icon indicating an environmental objective in this system aims to maintain or strengthen physical stream characteristics  |
| Icon indicating an environmental objective in this system benefits invertabrates. | Icon indicating an environmental objective in this system aims to maintain or increase water quality and/or conditions. |
| Summer/autumn low-flow variability (greater than 80 ML/day for one to two days during March to April in reaches 1, 2and 3)~~Summer/autumn low-flow variability (greater than 80 ML/day for one to two days during February to March in reaches 1, 2~~~~and 3)~~Icon indicating watering planned and/or delivered in partnership with Traditional Owners to support cultural values and uses. | * Increase connectivity between pools for fish movement
* Provide small variations in river levels to move sediment and maintain waterbug habitat
* Maintain sufficient oxygen levels
 | Icon indicating an environmental objective in this system benefits fish populations | Icon indicating an environmental objective in this system aims to maintain or strengthen physical stream characteristics  |
| Icon indicating an environmental objective in this system benefits invertabrates. | Icon indicating an environmental objective in this system aims to maintain or increase water quality and/or conditions. |