Unidirectional flows

Mean flow velocity	Mean flow depth	Description of grain motion (how are grains moving?) and water motion.	Description and sketch of the bed state. Any sedimentary features that might be produced?

Oscillatory flows

Wave length and height (H)	Wave period	Water depth (h)	Maximum orbital horizontal velocity $U_{max} = \frac{H}{2h}\sqrt{gh}$	Description of grain motion (how are grains moving?) and water motion.	Description and sketch of the bed state. Any sedimentary features that might be produced?