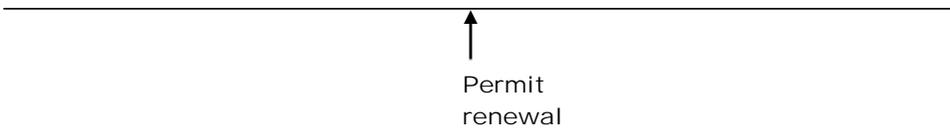


## Appendix C – Examples of New and Increased Discharge

### Examples of new and increased discharge.

In each of the following examples the line represents the level of discharge with time, the beginning of the line indicates commencement of the discharge.

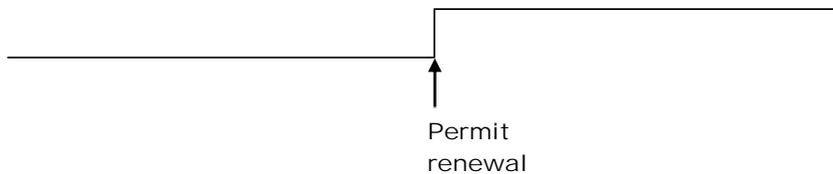
Discharge A – Existing permitted discharge, no increase



In this situation discharge does not increase with renewed permit thus there is no degradation of water quality. Discharge receives Tier 1 review only.

**Comment [dae1]:** JUB / Paul Klatt suggest adding "so long as no previously listed constituent concentrations increase". Need clarification of what is meant by "previously listed constituents".

Discharge A2 – Existing permitted discharge, permitted discharge increases



In this situation discharge increases with renewed permit thus there is degradation of water quality. IF this degradation is significant and of a Tier 2 water body, then there will be Tier 2 analysis in addition to Tier 1 review.

Discharge B – New permitted discharge

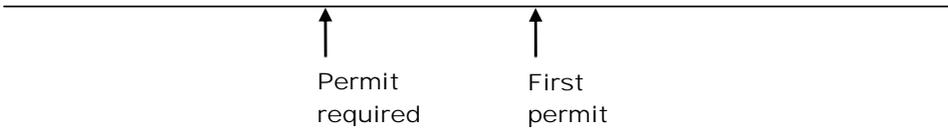


There will be degradation of water quality. IF this degradation is significant and of a Tier 2 water body, then there will be Tier 2 analysis in addition to Tier 1 review.

**Comment [dae2]:** JUB / Paul Klatt suggest inserting "likely". Would like to hear explanation of a situation in which a new discharge would not cause degradation.

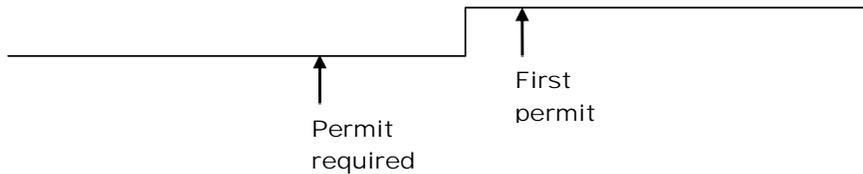
### Examples of existing discharge without a permit

Discharge C – Change in regulation, existing discharge with no permit required when discharge commenced, no increase in discharge since permit required



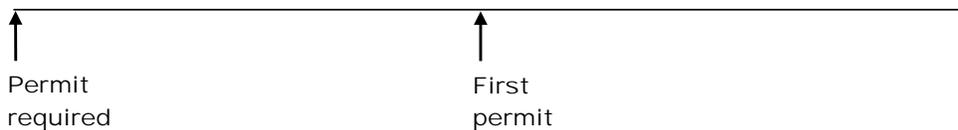
In this situation discharge does not increase with first permit thus there is no degradation of water quality. Discharge receives Tier 1 review only.

Discharge C2 – Change in regulation, existing discharge with no permit required when discharge commenced, discharges increases since permit required



In this situation discharge increases with first permit thus there is degradation of water quality. IF this degradation is significant and of a Tier 2 water body, then there will be Tier 2 analysis in addition to Tier 1 review.

Discharge D – Illegal discharge, existing discharge without required permit



In this situation a permit was required when the discharge commenced. When permitted for first time, this discharge will be treated as a new discharged (B above). Baseline will be water quality without discharge, i.e. upstream water quality. Thus there will be degradation of water quality. IF this degradation is significant and of a Tier 2 water body, then there will be Tier 2 analysis in addition to Tier 1 review.