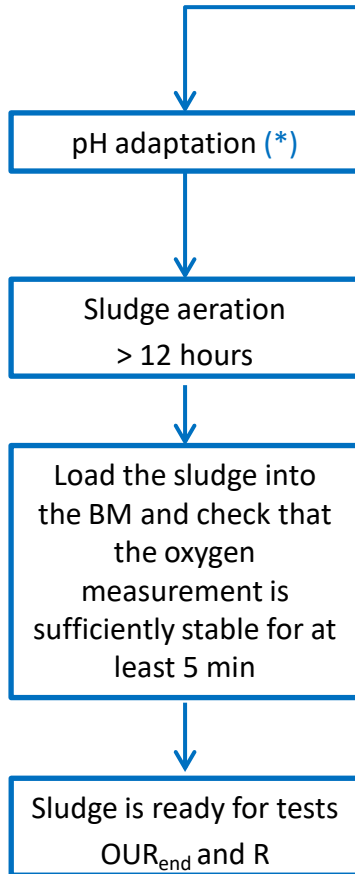


Endogenous sludge preparation and assessment

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Endogenous sludge preparation

Effluent sludge collection (end of process)



(*) When the effluent sludge has got a high ammonium concentration, it must be adjusted to a pH between 8 and 8.5 before being aerated for > 24 h.

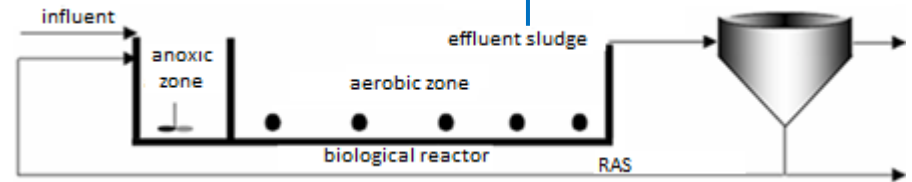


Table guide

MLVSS (g/L)	Range of stable oxygen reading in the BM respirometer controller (mg/L)
1,5 - 3	8,3 - 6,5
3 - 4	6,5 - 6
4 - 5	6 - 5

Procedure for the assessment of the endogenous OUR test (OUR_{end})

Preparation of the sludge to endogenous respiration

Test OUR_{end}

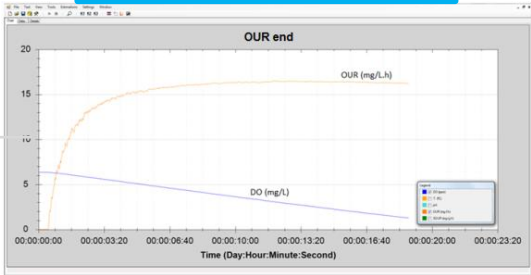
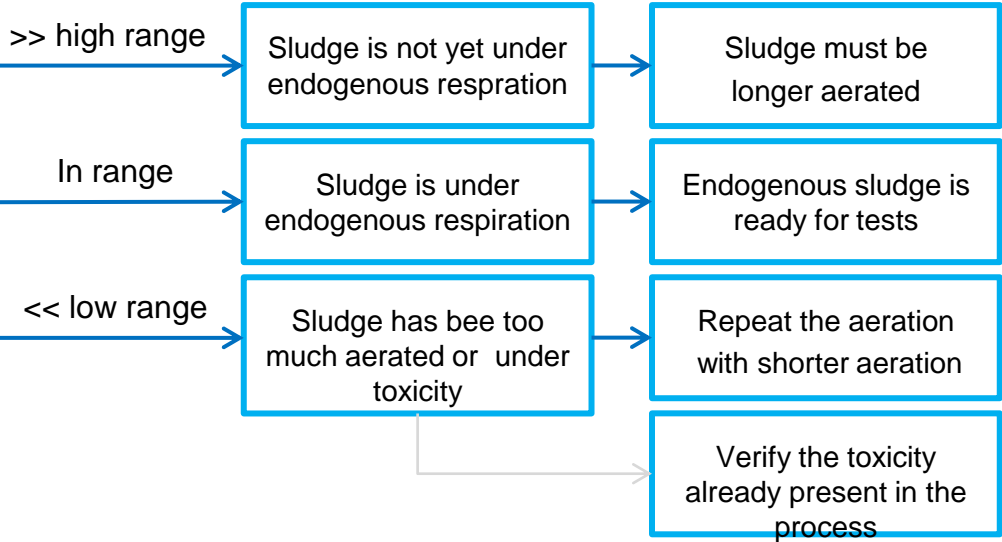


Table of OUR_{end} assessment

MLVSS (mg/l)	OUR _{end} (mg/l.h)
1000	2 – 3.5
1500	3 - 5
2000	4 - 7
2500	5 – 8.5
3000	6 - 10
3500	7 - 12
4000	8 – 13.5
4500	9 – 15.5



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