

Macquarie Harbour Marine Farm Lease Visual Compliance Results, September 2017



Marine Farming Licence Conditions relating to environmental management of finfish farms in Macquarie Harbour require compliance with environmental standards. One requirement is that there must be no significant visual impacts at, or extending beyond, 35 metres from the boundary of the lease area.

Visual impacts from farming outside of marine farm lease areas are monitored by remotely operated vehicles with cameras surveying for benthic bacterial mats (*Beggiatoa spp.*) at compliance points located around lease areas at 35 metres from the boundary of the lease. Where *Beggiatoa* is detected at these points, additional +50m dives are conducted to map the extent of *Beggiatoa*. Results tabulated below are limited to 35 metre compliance points.

In the event that a significant visual impact is detected at any point 35 metres or more from the lease boundary, the licence holder may be required to undertake a triggered environmental survey or other remedial activity determined by the Director.

Table 1: September 2016 & January, May and September 2017 Macquarie Harbour *Beggiatoa* spp. marine farm lease compliance results

Operator	Lease No.	No. of 35m compliance points surveyed for each lease	No. of non-compliant survey points for <i>Beggiatoa</i> in September 2016 survey	No. of non-compliant survey points for <i>Beggiatoa</i> in January 2017 survey	No. of non-compliant survey points for <i>Beggiatoa</i> in May 2017 survey	No. of non-compliant survey points for <i>Beggiatoa</i> in September 2017 survey
Petuna	133	Sept 2016 (13); Jan 2017 (12); May 2017 (11) Sept 2017 (11)	2	0	0	0
Petuna	213*	Jan 2017 (11); May 2017 (11) Sept 2017 (11)	No survey required	3	0	0
Petuna	215	Sept 2016 (6); Jan 2017 (10); May 2017 (10) Sept 2017 (12)	1	9	4	4
Petuna	217	Sept 2016 (5); Jan 2017 (7); May 2017 (7) Sept 2017 (7)	0	0	0	0
Tassal	214	Sept 2016 (9); Jan 2017 (10); May 2017 (10) Sept 2017 (10)	0	2	0	0
Tassal	219	Sept 2016 (10); Jan 2017 (9); May 2017 (9) Sept 2017 (9)	0	2	0	0
Tassal	266	Sept 2016 (22); Jan 2017 (21); May 2017 (21) Sept 2017 (15)	14	19	0	0
Huon Aquaculture	216**	Sept 2016 (4); Jan 2017 (4); May 2017 (4) Sept 2017 (4)	0	0	0	0
Huon Aquaculture	220	Sept 2016 (10); Jan 2017 (10); May 2017 (10) Sept 2017 (10)	0	0	0	0
Huon Aquaculture	267	Sept 2016 (11); Jan 2017 (11); May 2017 (11) Sept 2017 (11)	2	3	0	0

* Lease #213 first stocked in 2016. First compliance survey required in January 2017.

** Lease #216 survey results relate only to the recently stocked area of the lease.