

Therapeutant Monitoring Schedule

THERAPEUTANT RESIDUE MONITORING SCHEDULE – ENVIRONMENTAL LICENCE No. 9954/3 MEADOWBANK HATCHERY – JANUARY 2026

General Requirements

To assess potential environmental impacts from the medication event described in Medication Authority Number: 1113 Ltd with respect to the finfish farming activity at Meadowbank Hatchery under Environmental Licence No. 9954/3, therapeutant residue monitoring must be undertaken by Huon Aquaculture Company Pty in accordance with **Attachment 1** Table of monitoring requirements Meadowbank January 2026 at the locations identified in **Attachment 2**.

This schedule may be reviewed and amended based on monitoring results and any other additional information received. Huon must notify EPA immediately if there is any change to the information provided for this treatment event.

Please note:

- All samples for a scheduled sampling event must be collected on the same day to the extent practical, or otherwise over consecutive days. If a scheduled sampling event coincides with a weekend or public holiday, samples must be taken on the day immediately before or after the scheduled date.
- Any survey, sample or measurement required in this schedule must be taken, processed and analysed in accordance with the following:
 - Relevant personnel must have appropriate training, experience, and knowledge of the relevant procedure.
 - The integrity of samples must be preserved prior to delivery to a testing facility.
 - Sample analysis must be conducted by a testing facility accredited by the National Association of Testing Authorities (NATA), or a testing facility approved in writing by the Director, for the specified test. AST is approved by the Director, if using a different laboratory approval will need to be sought.
 - Sample analysis must be conducted for the nominated therapeutant in accordance with the Limit of Reporting (LoR) listed for each analyte and sample matrix listed in Table 1 of this schedule.
 - Details of methods employed in taking samples and measurements and results of sample analysis and measurements must be retained for at least three (3) years after the date of collection.
 - Sampling must be undertaken in a manner to ensure there is no cross contamination between sites. Cleaning of all sampling equipment must be undertaken between sites and sampling should start with cleaner sites first.
 - Day 96 corresponds to 1,600 degree days, as calculated by average surface water temperatures of River Derwent collected at Station No. 715.1. Long range data set 2016-2025.

| Table 1. Required limit of reporting (LoRs) Sample Matrix | | | |
|---|--------------|------------------------|---------------------|
| Analyte | Water (µg/L) | Sediment/Solid (mg/Kg) | Fish/Tissue (mg/Kg) |
| Oxytetracycline hydrochloride (OTC) | 0.01 | 0.01 | 0.01 |

The final and any interim monitoring reports submitted to the Director will be made publicly available on the EPA website following review and acceptance.

Reporting requirements

1. All laboratory reports for this must be submitted electronically to salmon.reg@epa.tas.gov.au within one (1) business day of receipt, following each sampling round.
2. A final monitoring report must be submitted electronically to salmon.reg@epa.tas.gov.au no later than 4 weeks following the final sampling event, noting that the monitoring may be extended by the Director. This report must provide the following information:
 - 2.1. All monitoring results must be summarised, accompanied by a full analysis and graphical presentation of the data.
 - 2.2. A short evaluation of the factors contributing to the need for medication, including potential seasonal and environmental factors.
 - 2.3. Laboratory results must be tabulated with reference to site name and purpose (internal, external, reference, control), sampling date, site coordinates, sampling depth, and number of days from completion of therapeutic treatment.
 - 2.4. A description of sample collection and processing must also be provided. A map showing all sampling sites and site names must be included.
 - 2.5. Any results at or greater than the Limit of Reporting (LOR) must be highlighted

An interim monitoring report may be required by the Director. If requested, the interim monitoring report must also be submitted electronically to salmon.reg@epa.tas.gov.au.


Attachment I Table of monitoring requirements Meadowbank January 2026

| Column 1 Item | Column 2 Monitoring Locations | Column 3 Parameter | Column 4 Unit of measure | Column 5 Frequency | Column 6 Method | Column 7 Reporting Requirements |
|---------------------|---|---|-----------------------------|---|--|------------------------------------|
| Water monitoring | Hatchery Inlet 488339E 5279717N (GDA 94) | Oxytetracycline hydrochloride (OTC) in water | µg/L | Day 1 of treatment, and Mid-treatment, and Day 1 after completion of treatment and every 7 days thereafter until two consecutive results are <LOR. | Grab sample Samples are to be collected in labelled 250 mL amber glass bottles provided by the testing facility, kept cool in a dark environment and should be frozen as soon as possible after collection unless they can be delivered to that facility within 12 hours of collection. | 1. As per schedule |
| | Hatchery discharge to water: discharge to River Derwent 488356E 5279475N (GDA 94) | | | | | |
| | Settlement pond inlet at approximate coordinates 488222E 5279773N (GDA 94) | | | | | |
| | Downstream (near) of hatchery discharge at approximate coordinates 488377E 5279401N (GDA 94) | | | | | |
| | Downstream (far) of hatchery discharge at approximate coordinates 489554E 5277521N (GDA 94) | | | | | |
| Wild fish sampling | River Derwent between hatchery discharge to water and 1km downstream. | Oxytetracycline hydrochloride (OTC) in tissue | mg/kg | Day 1 and Day 7 after completion of treatment. | Approved method. Relevant permits must be obtained. A minimum of 12 fish, where practicable, are to be collected. All samples must be kept chilled upon collection. If the samples cannot be delivered to the laboratory for testing within 12 hours, they must be frozen. | 1. As per schedule |
| Sediment monitoring | River Derwent (upstream) 488310E 5280094N (GDA 94) | Oxytetracycline hydrochloride (OTC) in soils and solids | mg/kg | Day 1 of treatment, and mid-treatment, and Day 1 after completion of treatment and every 7 days thereafter until two consecutive results are <LOR. | Grab sample Samples must be taken to include as much solid material as possible, minimising water content as far as practicable. Care should be taken to avoid disturbance to the surface of the sample and should not extend beyond 10cm of depth. All sediment samples must be kept chilled upon collection. If the samples cannot be delivered to the laboratory for testing within 12 hours, they must be frozen | 1. As per schedule |
| | Derwent River at Hatchery discharge to water 488356E 5279475N (GDA 94) | | | | | |
| | Settlement Pond adjacent to inlet at approximate coordinates 488222E 5279773N (GDA 94) | | | | | |
| | Sludge Tank at approximate coordinates 488280E 5279791N (GDA 94) | | | | | |
| | Downstream (near) of hatchery discharge at approximate coordinates 488377E 5279401N (GDA 94) | | | | | |
| | Downstream (far) of hatchery discharge at approximate coordinates 489554E 5277521N (GDA 94) | | | | | |

Legend

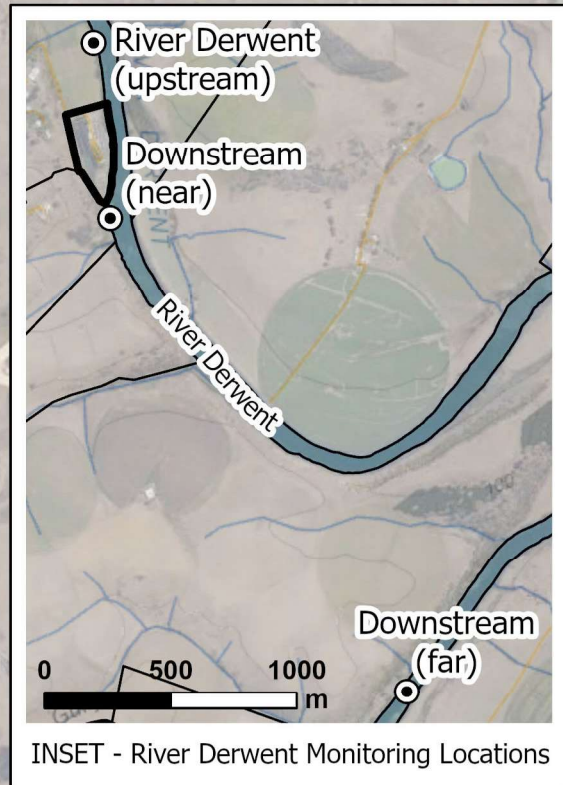
 Cadastral Parcels

 Activity Area

 Therapeutant Monitoring Locations

The representation of the Activity Area is nominal and may not accurately represent the title reference, or other boundaries. Coordinates are expressed in terms of GDA94, MGA55.

| Label | Easting | Northing |
|-----------------------------|---------|----------|
| Hatchery Inlet | 488339 | 5279717 |
| Hatchery Discharge to Water | 488356 | 5279475 |
| Sludge Tank | 488280 | 5279791 |
| Settlement Pond Inlet | 488222 | 5279773 |
| Downstream (near) | 488377 | 5279401 |
| Downstream (far) | 489554 | 5277521 |
| River Derwent (upstream) | 488310 | 5280094 |



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Settlement Pond Inlet

Sludge Tank

Hatchery Inlet

River Derwent

Hatchery Discharge to Water

Downstream (near)

0 25 50 75 100 m

