

Richards, Sarah

From: Eyres, John (EPA)
Sent: Thursday, 17 January 2019 4:04 PM
To: Richards, Sarah (EPA)
Subject: RE: SALTAS EL's - revision of interim limits

Hi Sarah

Please note that I found an inconsistency between the maximum limit for Dissolved Reactive Phosphorus and the figure you had calculated in the spreadsheet. It appears that there was a zero missing, i.e. 0.099 not 0.99mg/L.

Cheers
John

From: Richards, Sarah (EPA)
Sent: Thursday, 10 January 2019 10:33 AM
To: Eyres, John (EPA) <John.Eyres@epa.tas.gov.au>; Dowson, Greg P (EPA) <Greg.Dowson@epa.tas.gov.au>
Subject: RE: SALTAS EL's - revision of interim limits

Hi John and Greg

Following up on our conversations this morning re SALTAS EL conditions.

- Greg and I discussed the limits as per my previous email and he agreed that the calculation approach was reasonable. **Section 35**
[Redacted]
- I've now updated both EL's interim discharge limit condition to set the precommissioning limit.
- The fortnightly monitoring requirements through until the screens are commissioned will allow us to closely monitor the effluent discharge during the construction period. **Section 35**
[Redacted]

Thanks

Sarah

From: Richards, Sarah (EPA)
Sent: Wednesday, 9 January 2019 5:27 PM
To: Eyres, John (EPA) <John.Eyres@epa.tas.gov.au>; Dowson, Greg P (EPA) <Greg.Dowson@epa.tas.gov.au>
Subject: SALTAS EL's - revision of interim limits

Hi John and Greg

I've now updated both site's interim discharge limit tables on the ELs in NELMS to:

- **Section 35**
[Redacted]

- Section 35

Greg, is this approach reasonable to get revised stats, noting that SALTAS proposed to use Section 39 as the new maximum? I deleted the number above the 'max'. Section 35

Thanks

Sarah

From: Richards, Sarah (EPA)
Sent: Wednesday, 9 January 2019 4:16 PM
To: Eyres, John (EPA) <John.Eyres@epa.tas.gov.au>
Subject: RE: Attachment 1 for Florentine

Hi John

I've now updated the Florentine EL so it is about Florentine site and put the land and reference in the definition right. Looking at the interim limits again for both sites, and noting that SALTAS propose to Section 39, so I need to Section 35

At present we have the existing pond values as their limits, with no change.

I will do that now and let you know when it's done.

Sarah

From: Eyres, John (EPA)
Sent: Wednesday, 9 January 2019 3:09 PM
To: Richards, Sarah (EPA) <Sarah.Richards@epa.tas.gov.au>
Subject: Attachment 1 for Florentine

Hi Sarah

Please find attached a copy of Attachment 1 for the Florentine set of conditions. I am happy to put this into NELMS, but thought you might like to review it.

Cheers
John

**MINUTES OF THE ONE HUNDRED & TWENTY THIRD MEETING OF THE
ENVIRONMENT PROTECTION AUTHORITY BOARD**

**HELD IN THE MEETING ROOM ON THE 6TH FLOOR OF THE 'LANDS BUILDING', 134 MACQUARIE
STREET, HOBART AT 11.30 AM ON TUESDAY 5TH FEBRUARY 2019**

Out of Scope

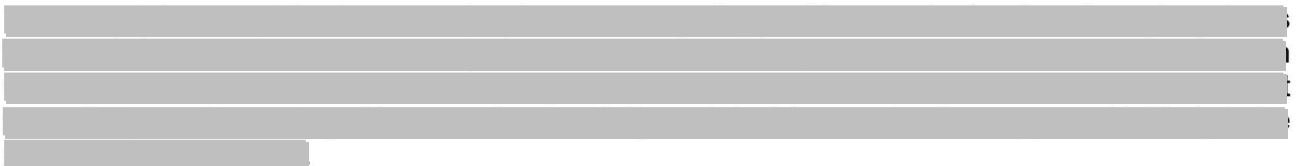


Out of scope



123.7 SALTAS Pty Ltd – Drum Filter Installation – 289 Wayatinah Road, Wayatinah – Assessment

Out of Scope



Water:

Section 35



Out of Scope



Section 35



Out of Scope

Section 35



Out of Scope

Section 35



Out of Scope



Section 35




Out of Scope



Out of Scope



Section 35




Out of Scope



123.8 SALTAS Pty Ltd – Drum Filter Installation – 675 Florentine Road, Florentine – Assessment

Out of Scope



Section 35



Section 35

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Out of Scope

From : Section 36 (EPA)
To : Section 36
Cc : Section 36
Bcc :
Date/time Received : 4/06/2019 4:21:00 PM
Subject : RE: Wayatinah (EL 9839/2) and Florentine (EL 9840/2) fortnightly effluent reporting- May (1)

Hi Secti,

Thank you for your fortnightly monitoring reports and information regarding exceedances of maximum condition limits as prescribed in EL 9839/2 Table 1 condition EF2.

It is important when SALTAS receives results that exceed condition limits, a resample should occur immediately. SALTAS should not wait until the next sampling round. However as SALTAS is already on fortnightly sampling rounds I acknowledge that the sample may have already been taken. Given this, please advise me as to when the next sample round occurred or is to occur for Wayatinah.

I recommend that in situations where there is a higher risk that an exceedance may occur, that AST is advised that a quick turnaround time in results is required by SALTAS. To my knowledge there is a box on the laboratory form that can be ticked.

As short term discharge and considering recent high dilution with rain events I agree that the risk of environmental harm may be low. However ongoing discharge of the quality of effluent as sampled 07/05/2019 is not acceptable and SALTAS will need to investigate the cause and take remedial action as soon as possible.

Please forward me your next results as soon and possible.

Regards

Section 36

Senior Environmental Officer - Salmon Management Section

EPA Tasmania | Department of Primary Industries, Parks Water and Environment

134 Macquarie Street | Hobart 7001 | GPO Box 1550 Hobart TAS 7001

P: (03) 6165 4577 | **E:** Section 36@epa.tas.gov.au | **W:** www.epa.tas.gov.au

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Release in part, part exempt s.36 - Wittheld pending third party review rights

Richards, Sarah

From: Section 36
Sent: Friday, 14 June 2019 5:06 PM
To: Section 36
Cc: Richards, Sarah; Section 36
Subject: RE: EPA Site familiarisation Visit 28/05/2019

Filed in Library: [Link to document M486843](#)

Hi Section 36,

Thanks for your response. I've added my response in blue below yours (green). As with any monitoring program there are circumstances where modifications may need to occur. Your AMP and effluent plume study will assist in informing any potential ongoing site selection process as a means to tailor your monitoring program so that it is fit for purpose.

Your assistance and patience in this matter is much appreciated.

Regards

Section 36

Senior Environmental Officer - Salmon Management Section

EPA Tasmania | Department of Primary Industries, Parks Water and Environment
134 Macquarie Street | Hobart 7001 | GPO Box 1550 Hobart TAS 7001

P: (03) 6165 4577 | E: Section 36@epa.tas.gov.au | W: www.epa.tas.gov.au



From: Section 36 <Section 36@tassal.com.au>
Sent: Friday, 14 June 2019 3:07 PM
To: Section 36 <Section 36@epa.tas.gov.au>
Cc: Richards, Sarah (EPA) <Sarah.Richards@epa.tas.gov.au>; Deleeze Chetcuti <deleeze.chetcuti@tassal.com.au>
Subject: RE: EPA Site familiarisation Visit 28/05/2019

Thank you very much for organising the site visit **Sect**, and also for this detailed summary.

Please find our responses in green:

Tassal

- Investigate sampling left bank for site W003- **Release - Wittheld pending third party review rights**

Release - Wittheld pending third party review rights

Yes please but only if it meets your OH&S requirements.

Release - Wittheld pending third party review rights

Then the site is not suitable due to safety concerns and you maintain monitoring at current sites with the changes as required. These being;

- W001A
- W001B
- W002A (interim site)
- W003A
- W003B

In moving forward on this your AMP and effluent plume study will assist in informing any ongoing site selection process.

Release - Wittheld pending third party review rights

Yes, the results from your effluent plume dilution study and proposed AMP will assist in informing any ongoing site selection process as it relates to any potential impact on the receiving environment.

- Provide EPA with draft report or a synopsis of Section 36 findings regarding site selection particularly in respect to W003B – Note the submission date to the EPA for this is 30th June 2019- Part exempt s.36 - Wittheld pending third party review rights

Thanks

- Investigate maintaining and/or enhancing site access points- Release - Wittheld pending third party review rights

Noted

- Purchase an extendable sample pole.- Part exempt s.36 - Wittheld pending third party review rights

Great

- To maintain current sampling schedule at current sample locations unless otherwise notified by the EPA.- Release - Wittheld pending third party review rights

- Provide EPA with chemical list as per condition M7(1) for EL's 9839/2 and 9840/2
 - Completed – provided to EPA 30/05/2019
- Tassal to provide EPA with low flow photos of sites – this would assist EPA in interpretation of sites during low flow periods. – there's no urgency around this one- Release - Wittheld pending third party review rights

Yes/Agreed. The low flow photos provide extra contextual information for the regulator in understanding your site characteristics and any potential impacts there may be on the quality of water that may be unrelated to SALTAS's activities.

- Tassal to investigate the original sample location for W003 as per EER for installation of the Drum Filter- Release - Wittheld pending third party review rights

Noted

EPA

- EPA to investigate original sample location of W003 as per EER for installation of the drum filter and- Release - Wittheld pending third party review rights

Noted

- discuss with the EPA Water Specialist current sampling locations in regards to W003 and W003B and provide feedback to Tassal/SALTAS on any additional data requirements EPA may require to make an informed decision.

- Figure 11, page 51, of The Environmental Effects Report for construction and operation of drum filters at Wayatinah (October 2018) shows that the location of W003 is on the left bank approximately 60 meters downstream of the outfall from the hatchery. Release - Withheld pending third party review
Noted.

- I am assuming that monitoring at site W003 for Wayatinah occurred since May 2015 up until end 2018. Please confirm. Release - Withheld pending third party review rights

Thanks I'll make a note of this on our system for our reference. We are always appreciative of any additional monitoring undertaken by SALTAS and TASSAL.

- The location of site W003 described in the EER is consistent with the requirements of Table 4, Condition M3 (EL 9839/2), *River Derwent approximately 60 metres downstream of the effluent outfall*.
 - The location of a site 60m downstream is important as it represents River Derwent inputs prior to reaching the zone where waters of Wayatinah Lagoon mix with those from the River Derwent. - Release - Withheld pending third party review
 - Therefore in consideration that SALTAS has monitored this site up until the end 2018 and given the requirements of EL 9839/2 monitoring the original W003 should recommence at the next scheduled sample round- Release - Withheld pending third party review
Agreed and noted. As discussed above your AMP and effluent plume study will assist in informing any ongoing site selection process.
 - For ease of data interpretation and consistency with historical data I recommend that this site remain as site W003 and that samples taken at the location approximately 200 metres downstream (which you currently ID as W003) may be labelled W003A or something to else. I am assuming here that we are potentially dealing only with samples taken in 2019? Release - Withheld pending third party review

Thanks. I'll note this change in our records.

- The current Site W003 (located on the right bank) is consistent with Table 4, Condition M3, River Derwent 200 metres approximately downstream of outfall.
 - Monitoring of this site needs to continue. As proposed above you may want to consider changing the ID of this site. Please notify me of your change so I may update our records accordingly. Release - Withheld pending third party review rights
 - The google earth map is great. Thanks for providing it.
 - During our site visit we discussed that the current location of this site on right bank may not to be representative of potential impacts from the hatchery outfall as the deeper channel is located closer to the left bank which is also the same side of the hatchery outfall located some 230 metres upstream. - Release - Withheld pending third party review
Noted
 - On google earth there appears to be a fence or some sort of track that leads down to the bank. In the past there appears to have been some sort of access. Please ground truth this next time you are on site and provide feedback regarding where this stretch of river can be readily sampled. Our preference is for sampling to occur from the left bank.- Release - Withheld pending third party review
 - I have provided a snap shot of the site (see attachment) with a pin placed on W003A. I placed it just where there appears to be a fence line or track of some description as a guide. - Release - Withheld pending third party review

Thanks

- Wayatinah site W003B, located approximately 697 metres downstream of the hatcheries outfall.

- As per our discussion 28th May, Section 36 has drafted recommendations for SALTAS's Ambient Monitoring Plan. The submission date for this plan to the EPA is 30th June 2019.
- We can either wait for the due date of this report or if you would like us to review the location of W003B earlier we would at least required either a draft AMP or some such brief synopsis so we may make an appropriate assessment of recommendations provided to SALTAS in regards to Lagoon monitoring. Please confirm how you would like to progress this. Release - Withheld pending third party review rights

I agree. I'll look forward to you AMP 30th June.

- To provide a copy of reporting schedules as use during the site visit.

- Attached- Release - Withheld pending third party review rights

My pleasure

Outcomes of the above discussion regarding SALTAS Monitoring site location requirements as per EL 9839/2

- W001A – maintain
- W001B – maintain
- W002 – maintain but due to current works in and around the settlement pond investigate sampling locations at pipe discharge point to River Derwent as discussed in my me-mail to you 05/06/2019 @ 09:36- Release - Withheld pending third party review rights

Thanks I'll make sure our records reflect this

- W003 – reinstate historic site on left bank 60 metres downstream of the outfall as per EER and advise EPA when this has been done. Release - Withheld pending third party review rights
- agreed
- W003 (A?) – maintain and investigate access on the left bank, consider a new ID for the site (e.g. W003A) Release - Withheld pending third party review rights
- noted
- W003B – maintain.

If you have any questions or queries, please don't hesitate to let me know.

I hope this helps,

Section 36

Section 36



TASSAL GROUP LIMITED

m | Section 36

e | Section 36 @tassal.com.au

www.tassalgroup.com.au | www.tassal.com.au



From: Section 36 [redacted] <[\[redacted\]@epa.tas.gov.au](mailto:[redacted]@epa.tas.gov.au)>
Sent: Thursday, June 6, 2019 10:45 AM
To: Section 36 [redacted] <[\[redacted\]@tassal.com.au](mailto:[redacted]@tassal.com.au)>; Section 36 [redacted] <[\[redacted\]@tassal.com.au](mailto:[redacted]@tassal.com.au)>
Cc: Richards, Sarah (EPA) <Sarah.Richards@epa.tas.gov.au>
Subject: EPA Site familiarisation Visit 28/05/2019

Hi Section 36 [redacted]

Thank you for hosting our visit to SALTAS Wayatinah and Florentine Hatcheries 28th May. Please extend our thanks to Section 36 [redacted] as well.

Firstly, thank you Section 36 [redacted] for providing the list of chemicals that was as outstanding action item. I have noted this and crossed it off the reporting schedule. As discussed I have attached the schedules of reporting for both hatcheries. These tables were constructed for our own purpose. Please note that in the condition description column I have not included the full condition as described in the Environmental Licences (ELs) for these hatcheries. You should always refer directly to your ELs to understand your regulatory requirements.

I have noted below actions arising from our site visit. If I have omitted anything please advise. Where I have progressed actions from our end I have annotated this below the relevant item/s

Tassal

- Investigate sampling left bank for site W003
- Provide EPA with draft report or a synopsis of Section 36 [redacted] findings regarding site selection particularly in respect to W003B – [Note the submission date to the EPA for this is 30th June 2019](#)
- Investigate maintaining and/or enhancing site access points.

- Purchase an extendable sample pole.
- To maintain current sampling schedule at current sample locations unless otherwise notified by the EPA.
- Provide EPA with chemical list as per condition M7(1) for EL's 9839/2 and 9840/2
 - Completed – provided to EPA 30/05/2019
- Tassal to provide EPA with low flow photos of sites – this would assist EPA in interpretation of sites during low flow periods. – there's no urgency around this one,
- Tassal to investigate the original sample location for W003 as per EER for installation of the Drum Filter.

EPA

- EPA to investigate original sample location of W003 as per EER for installation of the drum filter and
- discuss with the EPA Water Specialist current sampling locations in regards to W003 and W003B and provide feedback to Tassal/SALTAS on any additional data requirements EPA may require to make an informed decision.
 - Figure 11, page 51, of The Environmental Effects Report for construction and operation of drum filters at Wayatinah (October 2018) shows that the location of W003 is on the left bank approximately 60 meters downstream of the outfall from the hatchery.
 - I am assuming that monitoring at site W003 for Wayatinah occurred since May 2015 up until end 2018. [Please confirm.](#)
 - The location of site W003 described in the EER is consistent with the requirements of Table 4, Condition M3 (EL 9839/2), *River Derwent approximately 60 metres downstream of the effluent outfall.*
 - The location of a site 60m downstream is important as it represents River Derwent inputs prior to reaching the zone where waters of Wayatinah Lagoon mix with those from the River Derwent.
 - Therefore in consideration that SALTAS has monitored this site up until the end 2018 and given the requirements of EL 9839/2 monitoring the original W003 should recommence at the next scheduled sample round.
 - For ease of data interpretation and consistency with historical data I recommend that this site remain as site W003 and that samples taken at the location approximately 200 metres downstream (which you currently ID as W003) may be labelled W003A or something to else. I am assuming here that we are potentially dealing only with samples taken in 2019?
 - The current Site W003 (located on the right bank) is consistent with Table 4, Condition M3, River Derwent 200 metres approximately downstream of outfall.
 - Monitoring of this site needs to continue. As proposed above you may want to consider changing the ID of this site. Please notify me of your change so I may update our records accordingly.
 - During our site visit we discussed that the current location of this site on right bank may not to be representative of potential impacts from the hatchery outfall as the deeper channel is located closer to the left bank which is also the same side of the hatchery outfall located some 230 metres upstream.
 - On google earth there appears to be a fence or some sort of track that leads down to the bank. In the past there appears to have been some sort of access. Please ground truth this next time you are on site and provide feedback regarding where this stretch of river can be readily sampled. Our preference is for sampling to occur from the left bank.
 - I have provided a snap shot of the site (see attachment) with a pin placed on W003A. I placed it just where there appears to be a fence line or track of some description as a guide.
 - Wayatinah site W003B, located approximately 697 metres downstream of the hatcheries outfall.
 - As per our discussion 28th May, [Section 36](#) has drafted recommendations for SALTAS's Ambient Monitoring Plan. The submission date for this plan to the EPA is 30th June 2019.
 - We can either wait for the due date of this report or if you would like us to review the location of W003B earlier we would at least required either a draft AMP or some such brief synopsis so we

may make an appropriate assessment of recommendations provided to SALTAS in regards to Lagoon monitoring. [Please confirm how you would like to progress this.](#)

- To provide a copy of reporting schedules as use during the site visit.
 - **Attached**

Outcomes of the above discussion regarding SALTAS Monitoring site location requirements as per EL 9839/2

- W001A – maintain
- W001B – maintain
- W002 – maintain but due to current works in and around the settlement pond investigate sampling locations at pipe discharge point to River Derwent as discussed in my me-mail to you 05/06/2019 @ 09:36
- W003 – reinstate historic site on left bank 60 metres downstream of the outfall as per EER and advise EPA when this has been done.
- W003 (A?) – maintain and investigate access on the left bank, consider a new ID for the site (e.g. W003A)
- W003B – maintain.

I hope this as clear. We will need to discuss this further so we can finalise the above actions. Especially once you have checked out the sampling form the left bank. Please notify me when you have done this and we can meet within the next fortnight or so in Hobart.

Please don't hesitate to contact me if your require further clarification of the above prior to when we next meet.

Regards

Section 36

Senior Environmental Officer - Salmon Management Section

EPA Tasmania | Department of Primary Industries, Parks Water and Environment

134 Macquarie Street | Hobart 7001 | GPO Box 1550 Hobart TAS 7001

P: (03) 6165 4577 | E: Section 36@epa.tas.gov.au | W: www.epa.tas.gov.au



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TASSAL GROUP LIMITED

Incorporating Tassal Operations Pty Ltd, Aquatas Pty Ltd and De Costi Seafoods Pty Ltd (collectively "Tassal")

Phone: 1300 TASSAL (1300 827725)

Fax: 1300 880 179

G.P.O. Box 1645

Hobart Tasmania Australia 7001

Web: www.tassal.com.au



W002

W002A (interim site)

W003 as per EER

W003A(?) Left bank location

W003 (current)

EL 9839/2 SALTAS - Wayatinah Schedule of Reporting - NOTE: Conditions effective as of 8th April 2019

| Condition No | Description | Reporting Period
<i>[i.e. Annual, Monthly, Fortnightly]</i> | Type <i>[i.e. report, specified plan, Field data, laboratory data, e-mail]</i> | Date Due | Ongoing
<i>[Yes/No]</i> | Completed
<i>[Yes/No/Date]</i> | Doc ID | Comments |
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Out of Scope



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| M1 (2) | An Ambient Monitoring Plan for Receiving Waters, including the Derwent River downstream of the finfish farming activity and the Wayatinah Lagoon in the vicinity of the inflow of the Derwent River must be submitted by the person responsible to the Director for approval by 30 June 2019 . | NA | Plan | 30th June 2019 | N | | | |
| M1(5) | Within 3 months of the completion of ambient monitoring as stipulated in the approved Ambient Monitoring Plan for Receiving Waters, an Ambient Monitoring Report must be submitted to the Director. | within the first 3 months of monitoring as stipulated in the AMP | Report | | N | | | |

Out of Scope



EL 9840/2 SALTAS - Florentine Schedule of Reporting - NOTE: Conditions effective as of 8th April 2019

| Condition | Description | Reporting Period
<i>[i.e. Annual,
Monthly,
Fortnightly]</i> | Type <i>[i.e. report,
specified plan, Field data,
laboratory data, e-mail]</i> | Date Due | Ongoing
<i>[Yes/No]</i> | Completed
<i>[Yes/No/
Date]</i> | Doc ID | Comments |
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Out of Scope



Out of Scope



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| M5(5) | Within 3 months of the completion of ambient monitoring as stipulated in the approved Ambient Monitoring Plan for Receiving Waters, an Ambient Monitoring Report must be submitted to the Director. | within the first 3 months of monitoring as stipulated in the | Report | | N | | | |
|-------|--|--|--------|--|---|--|--|--|

Out of Scope



From : Section 36 EPA) To : [redacted] Cc : [redacted] Bcc : Date/time Sent : 14/06/2019 5:09:29 PM Subject : RE: Wayatinah (EL 9839/2) and Florentine (EL 9840/2) fortnightly effluent reporting- May (2)
Hi [redacted] Thank you for this and also informing that the next sample has been undertaken. Therefore I will look forward to seeing results of samples taken on 04/06/2019. Good to hear that a request to have a fast turnaround time on your samples has been requested. Regards Section 36 Senior Environmental Officer - Salmon Management Section EPA Tasmania | Department of Primary Industries, Parks Water and Environment 134 Macquarie Street | Hobart 7001 | GPO Box 1550 Hobart TAS 7001 P: (03) 6165 4577 | E : Section 36@epa.tas.gov.au | W : www.epa.tas.gov.au

Part exempt s.36 - Withheld pending third party review rights



From : Section 36 EPA)
To : Section 36
Cc : Richards, Sarah (EPA); Section 36
Bcc :
Date/time Received : 2/07/2019 11:07:47 AM
Subject : RE: Submission of the Ambient Monitoring Program
Hi Section 36, The date for submission should read 5 July, not June. My apologies. Section 36 Senior Environmental Officer - Salmon Management Section EPA Tasmania | Department of Primary Industries, Parks Water and Environment 134 Macquarie Street | Hobart 7001 | GPO Box 1550 Hobart TAS 7001 P: (03) 6165 4577 | E : Section 36@epa.tas.gov.au | W : www.epa.tas.gov.au
From: Wilson, Kate (EPA)

Sent: Tuesday, 2 July 2019 11:06 AM
To: Section 36 <Section 36@tassal.com.au>
Cc: Richards, Sarah (EPA) <Sarah.Richards@epa.tas.gov.au>; Section 36 Section 36
Subject: RE: Submission of the Ambient Monitoring Program Filed in Library: Link to document M495753 Hi Section 36
Thank you for your e-mail. I agree and accept your request to extend the submission date for your Ambient Monitoring Plan to 5 June 2019. Kind regards Section 36 Senior Environmental Officer - Salmon Management Section EPA Tasmania | Department of Primary Industries, Parks Water and Environment 134 Macquarie Street | Hobart 7001 | GPO Box 1550 Hobart TAS 7001 P: (03) 6165 4577 | E : Section 36@epa.tas.gov.au | W : www.epa.tas.gov.au

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Filed in Library: Link to document M498263

From : Section 36 (EPA) To : Section 36 Cc : Section 36 Bcc : Date/time Received : 5/07/2019 4:24:00 PM Subject : RE: Wayatinah (condition M1 of EL 9839/2) and Florentine (condition M5 of EL 9840/2)- Ambient Monitoring Plan drafts Thank you Section 36, We will review the AMP's for both Wayatinah and Florentine hatcheries and provide feedback to you in the near future. Kind regards Section 36 Senior Environmental Officer - Salmon Management Section EPA Tasmania | Department of Primary Industries, Parks Water and Environment 134 Macquarie Street | Hobart 7001 | GPO Box 1550 Hobart TAS 7001 P: (03) 6165 4577 | E : Section 36@epa.tas.gov.au | W : www.epa.tas.gov.au

Part exempt s.36 - Withheld pending third party review rights

Filed in Library: Link to document M511681

From : Section 36 To : Section 36 Cc : Richards, Sarah (EPA) Bcc : Date/time Received : 1/08/2019 3:58:00 PM Subject : SALTAS-EPA Comments Draft AMP's Florentine and Wayatinah Hi and

Please find attached our review of the SALTAS's Ambient Monitoring Plans for the Florentine and Wayatinah Hatchery's. I have provided you with general comments below. Specific comments have been provided within the documents themselves.

Please note that fortnightly monitoring as per conditions in EL 9840/2 (Florentine) and EL 9839/2 (Wayatinah) must continue.

General Comments:

Section 35



Please don't hesitate to contact either myself or Sarah Richards if you have any queries regarding this.
Regards Section 36 Senior Environmental Officer - Salmon Environmental Management Section EPA Tasmania | Department of Primary Industries, Parks Water and Environment 134 Macquarie Street | Hobart 7001 | GPO Box 1550 Hobart TAS 7001 P: (03) | E : Section 36@epa.tas.gov.au | W : www.epa.tas.gov.au
Converted Attachments Attachment Ambient Monitoring Plan for Receiving Waters (Wayatinah) - Draft (EPA comments).docx converted to managed file Ambient Monitoring Plan for Receiving Waters (Wayatinah) - Draft (EPA comments) (0).docx Attachment Ambient Monitoring Plan for Receiving Waters (Florentine)- Draft (EPA comments).docx converted to managed file Ambient Monitoring Plan for Receiving Waters (Florentine)- Draft (EPA comments) (0).docx >

Part except s.36 - Withheld pending third party review rights



From : Eyres, John (EPA)

To : Section 36

Cc : Section 36

Bcc :

Date/time Received : 12/11/2019 10:46:00 AM

Subject : RE: Lagoon sampling Hi Sectio Further to our conversations on the sampling programs for the Ambient Monitoring Plans (AMP) for SALTAS, I have discussed your query with the Water Specialist and others with experience in sampling relatively deep water. To develop an understanding of potential impacts of the SALTAS hatcheries' discharge-water on the catchments downstream (dams), in addition to the data gathered for water quality sampling and analysis, we will need gain an understanding of the seasonal stratification (or otherwise) of the dams. As the river water, carrying discharge-water, enters the dams its hydrodynamics and dilution is likely to be influenced by many variables, with stratification being particularly important. Building on what you (SALTAS) have proposed in the draft AMP, Section 35

We are confident this approach will capture a useful dataset to describe the influence of the hatcheries on the dams. Kind regards John _____ John Eyres

Senior Environmental Officer Salmon Environmental Management Section EPA Tasmania

GPO Box 1550 Hobart 7001 ph: (03) 6165 4614 E: John.Eyres@epa.tas.gov.au | W: www.epa.tas.gov.au

Duplicate

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From : Richards, Sarah (EPA)
To : Section 36; Eyres, John (EPA)
Cc : Sean Riley; Gallagher, Stephen G (EPA)
Bcc :
Date/time Received : 3/02/2020 10:24:00 AM
Subject : RE: Saltas Annual Reviews

Hi Sectio Thanks for the reports and advice re submission of the AMPs. EPA Tasmania accepts these reports as final versions. There are a few non-compliant effluent results and these have also occurred in recent monitoring. Please advise what further remedial actions may be taken to manage effluent quality during cleaning events – which is stated as a reason for some exceedences in this report. Site stormwater management may also need to be reviewed if that is compromising effluent quality. Please note that a request for copies of these reports has been received from the Environmental Defenders Office and we will provide them with a copy of the final reports. Sarah Sarah Richards | Team Leader, Compliance and Audit Unit - Land Based Activities
Salmon Environmental Management | Environmental Operations South
EPA Tasmania
Department of Primary Industries, Parks, Water and Environment
GPO BOX 1550, HOBART, TAS, 7001
T: (03) 6165 4607 | E: Sarah.Richards@epa.tas.gov.au W: www.epa.tas.gov.au

Part exempt s.36 - Withheld pending third party review rights

From : Eyres, John (EPA) To : Section 36 Cc : Section 36 Bcc : Date/time Received : 5/03/2020 2:03:00 PM Subject : RE: Saltas AMPs Hi Section Please find attached some comments on the AMPs for the SALTAS hatcheries (Wayatinah and Florentine). The plans have improved, but some areas still require clarification and a few additional details. Can you please get the finalised AMPs back to us within the coming fortnight Kind regards John John Eyres | Senior Environmental Officer
Salmon Environmental Management Section
EPA Tasmania
Department of Primary Industries, Parks, Water and Environment
GPO BOX 1550, HOBART, TAS, 7001
T: (03) 6165 4614 E: John.Eyres@epa.tas.gov.au W: www.epa.tas.gov.au From: Section 36

Part exempt s.36 - Withheld pending third party review rights

Richards, Sarah

From: Eyres, John (EPA)
Sent: Friday, 20 March 2020 4:29 PM
To: [REDACTED] i
Cc: Richards, Sarah (EPA); [REDACTED]
Subject: Re: draft Comments - Saltas AMPs

Hi [REDACTED]

Hope you are well.

In relation to the Wayatinah and Florentine AMPs, I have replied to each of your responses in blue - refer below.

These amendments should allow you to finalise and resubmit the AMPs for the Director's approval.

Kind regards
John

John Eyres | Senior Environmental Officer
Salmon Environmental Management Section
EPA Tasmania

Department of Primary Industries, Parks, Water and Environment
GPO BOX 1550, HOBART, TAS, 7001
T: (03) 6165 4614
E: John.Eyres@epa.tas.gov.au
W: www.epa.tas.gov.au



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- Please make it clear in the AMPs that readings from a multi-parameter probe will be taken at 1-meter increments from top to the bottom. These readings will be recorded in the Ambient Monitoring Report to demonstrate any thermocline and other characteristics and quality of the water through-out the column.

Release - Withheld pending third party review rights

- Please confirm in the AMPs, Release - Withheld pending third party review rights

in the AMPs. Include the Section 36

Release - Withheld pending third party review rights

- EPA's preference is for the 'mixing zone assessment' to be a conservative assessment, undertaken under most-likely worst-case conditions. Therefore it is expected that the study would be conducted when flow volume is typically at the river's lowest levels. This appears to be in the month of February, which I understand also coincides with substantial standing biomass at the hatcheries.
- Release - Withheld pending third party review rights Noted

S4.1

- Release - Withheld pending third party review rights If a result is equal or lower than the limit of reporting (LOR), the EPA standard procedure is to represent it as half the LOR. For example, a result below the LOR of 0.5 will be considered as 0.25.
- Release - Withheld pending third party review rights

Noted – EPA may have further advice on review of the data.

S5.0

- Release - Withheld pending third party review rights

Request noted, with a formal response pending.

Part except s.36 - Withheld pending third party review rights

Part exempt s.36 - Withheld pending third party review rights

From: Richards, Sarah <Sarah.Richards@epa.tas.gov.au>
Sent: Thursday, 16 April 2020 7:51 AM
To: Section 36 @tassal.com.au>; Section 36 @tassal.com.au>
Cc: Eyres, John <John.Eyres@epa.tas.gov.au>
Subject: Re: Comments - Saltas AMPs
Importance: High Hi Section 36 Can you please advise any update on implementation timeframe re SALTAS AMPs? As per your earlier request it is 2 months from date of approval - so would additional monitoring would need to start by mid-late June. Thanks Sarah
From: Richards, Sarah < Sarah.Richards@epa.tas.gov.au >
Sent: Thursday, 9 April 2020 4:42 PM
To: Section 36 @tassal.com.au >; Eyres, John < John.Eyres@epa.tas.gov.au >
Cc: Section 36 @tassal.com.au >
Subject: Re: Comments - Saltas AMPs
Hi Sectio , Just finalising the correspondence for the Director's approval of the AMPs and want to check with you about implementation timeframes - given the world situation has changed since you wrote this email on 13th of March. - re your last point. Please advise if Tassal will now need more than 2 months for implementation. The letter won't be reviewed until Wednesday next week, after the public holidays for easter, so just let me know by then. All the best to you all for a good easter break. Sarah

Part exempt s.36 - Withheld pending third party review rights

Enquiries: John Eyres
Ph: +61 3 6165 4614
Email: john.eyres@epa.tas.gov.au
Web: www.epa.tas.gov.au
Our Ref: EN-EM-PE-FI-253107 | M637275

22 April 2020

Section 36

Salmon Enterprises of Tasmania Pty Ltd
289 Wayatinah Road
WAYATINAH TAS 7140

Email: Section 36 @saltas.com.au

Dear Section 36

AMBIENT MONITORING PLAN APPROVAL WAYATINAH AND FLORENTINE HATCHERIES

Thank you for your 3 April 2020 submission of the final Ambient Monitoring Plans (AMPs) for the SALTAS Wayatinah and Florentine finfish farms as required under conditions M1 and M5, respectively, of Environmental Licence (EL) Nos. 9839/2 and 9840/2.

The AMPs have been reviewed by EPA and I am satisfied that they meet the EL requirements. I therefore approve the AMPs titled:

- SALTAS Wayatinah Hatchery Ambient Monitoring Program 2020 - V2 (final); and
- SALTAS Florentine Hatchery Ambient Monitoring Program 2020 - V2 (final).

I have also considered the request of Section 36 13 March 2020 for a 2-month implementation timeframe of the AMPs to allow adequate time for the procurement of equipment and consultants and implementation of safety protocols. Pursuant to the discretion provide to the Director by sub-clause 4 of conditions M1 and M5 of EL Nos. 9839/2 and 9840/2, I hereby approve a timeframe of 2 months from the date of this letter for commencement of monitoring required under the AMPs.

Please contact John Eyres on the details at the head of this correspondence if you have any enquiries.

Yours sincerely



Darryl Cook
A/DEPUTY DIRECTOR, EPA TASMANIA

From : Richards, Sarah To : Section 36 Cc : Section 36 Bcc : Date/time
Received : 15/05/2020 10:19:51 AM Subject : Re: Request from a member of the public for copy of management plans and reports from SALTAS ELs Thanks Section We will advise accordingly. Sarah With Section 36
Section 36

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Section 36

Section 36
Section 36 Section 36 Section 36

From: Richards, Sarah <Sarah.Richards@epa.tas.gov.au>
Sent: Friday, 15 May 2020 8:45 AM
To: Section 36 @tassal.com.au
Subject: Re: Request from a member of the public for copy of management plans and reports from SALTAS ELs
Importance: High Hi Were you able to get a response on this? Thanks Sarah From:

Part exempt s.36 - Withheld pending third party review rights

www.tassal.com.au From: Richards, Sarah < Sarah.Richards@epa.tas.gov.au >
Sent: Wednesday, 13 May 2020 11:43 AM
To: Section 36 @tassal.com.au >
Cc: Eyres, John < John.Eyres@epa.tas.gov.au >

Subject: Request from a member of the public for copy of management plans and reports from SALTAS ELs
Importance: High Hi We have received a request from the Environmental Defenders Office to obtain copies of the Ambient Monitoring Plan and their subsequent reports and the Discharge Management Plan for both SALTAS sites. Can you please advise if Tassal/SALTAS is in agreement with the Director EPA or other EPA Tasmania staff providing a copy of these plans and reports, only when they are finalised as final versions that are approved by the Director, EPA, to members of the public upon request? Currently we have the approved Ambient Monitoring Plans that fit into this category. It is the Director's intention to respond to the EDO request early next week. With your consent we will provide a copy of approved AMPs with that response. We would provide the other documents only when finalised and approved. Please note that these documents are likely to be released under an assessed disclosure through the Right to Information process if a request is lodged and the company would be consulted during that process for comment on any matters that are considered to be commercial in confidence.

Thanks Sarah

Dr Sarah Richards | Team Leader - Compliance and Audit Unit, Land Based Activities
Salmon Environmental Management Section | Environmental Operations South Branch
EPA Tasmania

Department of Primary Industries, Parks, Water and Environment
134 Macquarie Street, HOBART
GPO BOX 1550, HOBART, TAS, 7001
T: (03) 6165 4607

E: Sarah.Richards@epa.tas.gov.au W: www.epa.tas.gov.au
TASSAL GROUP LIMITED

Incorporating Tassal Operations Pty Ltd, Aquatas Pty Ltd and De Costi Seafoods Pty Ltd (collectively " Tassal ")

Phone: 1300 TASSAL (1300 827725)
Fax: 1300 880 179

G.P.O. Box 1645
Hobart Tasmania Australia 7001

Web: www.tassal.com.au
E-mail: tassal@tassal.com.au

NOTES - MEETING WITH TASSAL'S TO DISCUSS THE EPA COMMENTS ON THE DRAFT DISCHARGE MANAGEMENT PLANS (DMPS)

28 May 2020

Attendees: Section 36 (Tassal), Section 36 (Tassal), Sarah Richards (EPA), John Eyres (EPA)

The draft DMPs were submitted before the due date, 31 March 2020. On 6 May 2020, the Tassal Environment team were provided comments on SALTAS's draft DMPs for Wayatinah and Florentine hatcheries.

We met with the Tassal team on 28 May 2020 to discuss the comments and clarify the requirements of Condition G13 (DMP) of the EL 9839/2 and 9840/2.

The plan is intended to suggest practical improvements to the management of effluent at the site. Section 39

Section 39

Section 39

Section 39

The Environmental Licence was issued on 8 April 2019, therefore the drum screens have only been operational for 6 months following their commissioning, and the dataset since this major modification to the treatment process is limited to 12 data points.

Section 35

Section 39

Section 39, Section 35

Tassal Section 36 agreed to resubmit the Discharge Management Plan by 30 June 2020.

From: [Eyes, John](#)
To: **Section 36**
Cc: [Richards, Sarah](#)
Subject: RE: Saltas DMP
Date: Monday, 25 May 2020 5:36:00 PM
Attachments: [200526 Meeting Agenda.docx](#)
[image001.jpg](#)
[image003.jpg](#)
[image004.jpg](#)
[image005.jpg](#)
[image006.jpg](#)
[image007.jpg](#)
[image008.jpg](#)
[image009.png](#)
[image010.png](#)
[200525 Summary of Reporting Requirements - Tassal-Saltas sites.docx](#)

Filed in Library: [Link to document M660630](#)

Hi **Section 36**

Please find attached a meeting agenda for our meeting tomorrow. I have also included a summary of the short-to-medium term reporting requirements for the Tassal and SALTAS sites. This is a working document that you can update/revise if useful. We will keep our own version, which could be useful for tracking upcoming reporting deadlines and may aid communications on these matters. I am happy to share updated versions as required.

Kind regards
John

John Eyres | Senior Environmental Officer
Salmon Environmental Management Section
EPA Tasmania

Part exempt s.36 - Withheld pending third party review rights

From: Eyres, John <John.Eyres@epa.tas.gov.au>
Sent: Thursday, 7 May 2020 7:59 AM
To: Section 36 <[REDACTED]@tassal.com.au>
Cc: Section 36 <[REDACTED]@tassal.com.au>; Section 36 <[REDACTED]@tassal.com.au>; Richards, Sarah <Sarah.Richards@epa.tas.gov.au>
Subject: RE: Saltas DMP
Importance: High

Hi Section 36

Further to the comments on the draft sent yesterday, it would be good if we could have an on-line meeting to discuss the Discharge Management Plans for the Saltas hatcheries. This would be an opportunity to clarify the comments and requirements.

How are you and the team placed to set up a meeting on Teams, Zoom or Skype? Teams is our platform of preference, but can please organise it from your system platform and propose a time.

Kind regards
John

From: Eyres, John
Sent: Wednesday, 6 May 2020 6:03 PM
To: Section 36 <[REDACTED]@tassal.com.au>
Cc: Section 36 <[REDACTED]@tassal.com.au>; Section 36 <[REDACTED]@tassal.com.au>; Richards, Sarah <Sarah.Richards@epa.tas.gov.au>
Subject: RE: Saltas DMP

Hi Section 36

Please find attached comments on the draft Discharge Management Plan required under Condition G13 of the ELs for the Saltas Hatcheries.

Please do not hesitate to contact me if you have any questions or would like to discuss the comments.

Kind regards
John

John Eyres | Senior Environmental Officer

Salmon Environmental Management Section

EPA Tasmania

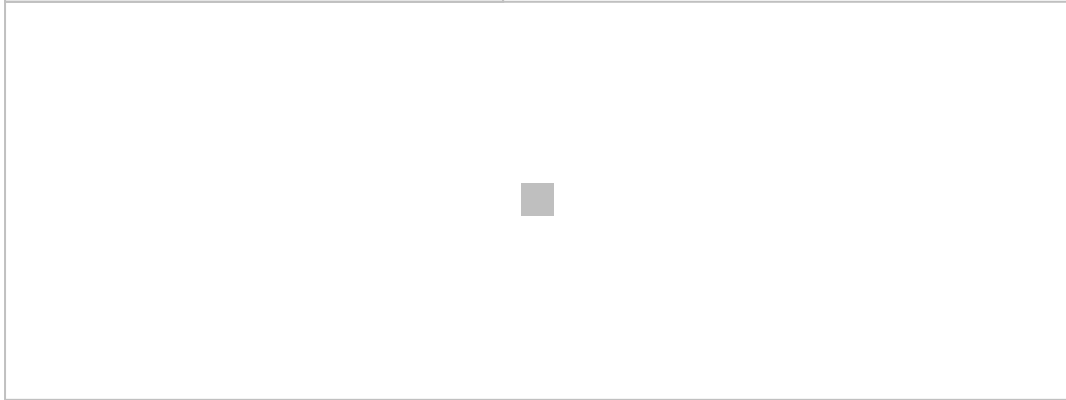
Department of Primary Industries, Parks, Water and Environment

GPO BOX 1550, HOBART, TAS, 7001

T: (03) 6165 4614

E: John.Eyres@epa.tas.gov.au

W: www.epa.tas.gov.au



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MEETING AGENDA – Online Teams Meeting

EPA SEMS - TASSAL Environment and Sustainability

Attendees:

Section (Tassal), Section 36 (Tassal), Section 36 (Tassal),
John Eyres (EPA), Sarah Richards (EPA)

- **Commence 1:30pm, 26 May 2020** - Introduction

Saltas hatchery: Wayatinah and Florentine

- Progress on implementing the Ambient Monitoring Plans
- Development of the Discharge Management Plans
- Finalising the Sludge Waste Reuse Management Plans

Out of Scope



Out of Scope



Summary of short-medium term reporting requirements for Tassal and Saltas sites¹

25 May 2020

Out of Scope



¹ Note: this working document is intended to be a guide only and must be kept up to date. It is not in any way a substitute for the Conditions of the Environmental Licence No. 9922/1, which prevail over any content in this document.

Out of Scope



Out of Scope



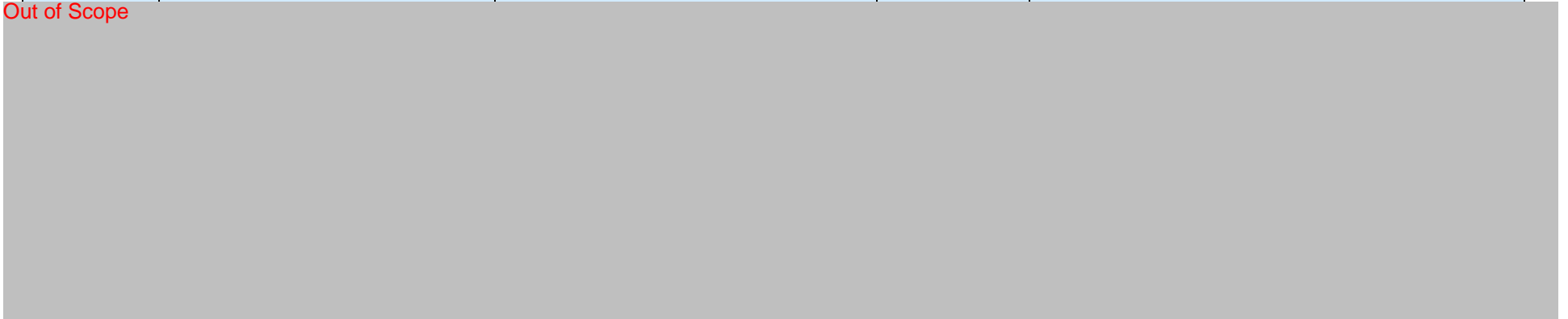
Out of Scope



Wayatinah hatchery, Wayatinah (SALTAS) EL 9839/2

| Condition No. & clause | Description / document title | Due date or deadline | Completed (Yes, No, Ongoing) | Notes |
|-----------------------------------|-------------------------------------|-----------------------------|-------------------------------------|--------------|
|-----------------------------------|-------------------------------------|-----------------------------|-------------------------------------|--------------|

Out of Scope



Out of Scope



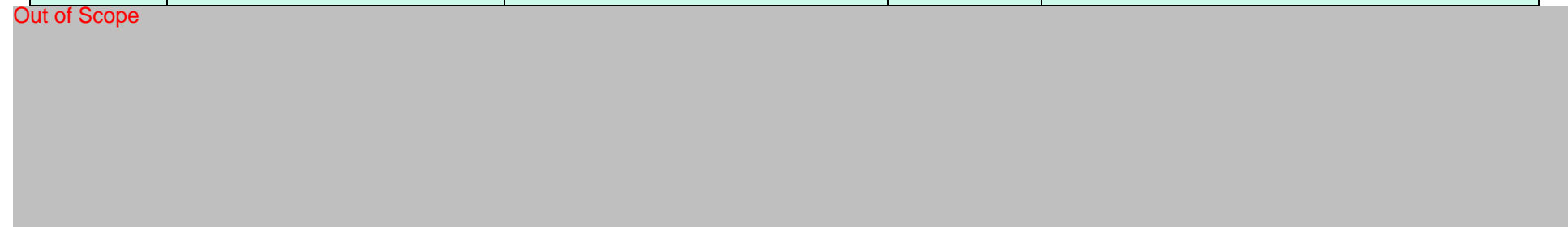
| | | | | |
|---------------|--|---------------------|----------------------|--|
| MI (2) | Ambient Monitoring Plan for Receiving Waters | 30 June 2019 | Y and ongoing | Plan to be implemented and results to inform DMP (G13) |
|---------------|--|---------------------|----------------------|--|

Out of Scope



| Florentine hatchery, Florentine (SALTAS) EL9840/2 | | | | |
|--|-------------------------------------|-----------------------------|-------------------------------------|--------------|
| Condition No. & clause | Description / document title | Due date or deadline | Completed (Yes, No, Ongoing) | Notes |

Out of Scope




Out of Scope



| | | | | |
|---------------|--|---------------------|-------------------|--|
| M5 (2) | Ambient Monitoring Plan for Receiving Waters | 30 June 2019 | Y, ongoing | Plan to be implemented and results to inform DMP (G13) |
|---------------|--|---------------------|-------------------|--|

Out of Scope



From: [Eyres, John](#)
To:  [Salmon Regulation](#)
Cc: [RE: Wayatinah \(EL 9839/2\) and Florentine \(EL 9840/2\) fortnightly effluent reporting- May \(1\)](#)
Subject: [Tuesday, 26 May 2020 4:39:00 PM](#)
Date: [mailto:001.ico](#)
Attachments: [image002.ico](#)
[image003.ico](#)
[image004.ico](#)
[image005.ico](#)
[image006.ico](#)
[image007.ico](#)

Hi 

We have received the AST results for the sampling at the Wayatinah and Florentine hatcheries undertaken on the 6 May 2020.

As mentioned at the meeting this afternoon, the exceedances of the BOD, TP and TSS levels at Florentine are a concern. To reduce the likelihood of reoccurrence, we'd recommend root-cause analysis of the recent exceedances. Any finding and improvements to management systems/processes at either site should inform the Discharge Management Plans.

Kind regards
John

John Eyres | Senior Environmental Officer
Salmon Environmental Management Section

Part exempt - Withheld pending third party review rights



From: [Eyres, John](#)
To: **Section 36**
Cc: **Section 36** ; [Richards, Sarah](#)
Subject: RE: SALTAS AMP- Lagoon and lake sampling
Date: Thursday, 2 July 2020 4:36:00 PM
Attachments: [image001.jpg](#)
[image002.jpg](#)
[image003.jpg](#)
[image004.jpg](#)
[image005.jpg](#)
[image006.jpg](#)
[image007.jpg](#)

Filed in Library: [Link to document M696542](#)

Hi **Secti**

Great to hear the first sampling day has gone well. Thanks for the coordinates and the update on the AMP sampling. The range of depths in the lagoons is interesting.

I agree that the thermocline is likely to be more distinguishable during the summer months. The thermocline is also likely to be more distinguishable at the deeper sites. The conductivity or DO readings could be used to indicate a chemocline, which could also inform where to take your grab samples.

Where there is no evidence of a thermocline or chemocline at a particular site on a sampling day, a sample taken at mid depth for that site, on that day, would be appropriate.

Kind regards
John

John Eyres | Senior Environmental Officer
Salmon Environmental Management Section
EPA Tasmania

Part exempt - s.36 - Withheld pending third party review rights

Part exempt s.36 - part out of scope - Withheld pending third party review rights



From: Eyres, John <John.Eyres@epa.tas.gov.au>

Sent: Monday, 15 June 2020 12:53 PM

To: Section 36 [redacted]@tassal.com.au>

Cc: Section 36 [redacted]@tassal.com.au>; Richards, Sarah

<Sarah.Richards@epa.tas.gov.au>

Subject: Out of Scope

Importance: High

Hi Section

I hope you and the team are getting through winter.

Out of Scope

I am also hoping that you can confirm that Tassal is on track to implement the *Ambient Monitoring Plans (M1/M5)* for the SALTAS sites by 22 June 2020. I have updated the Summary of Reporting Requirements (att.2) and highlighted M1(4) and M5(4) in green to flag the approaching deadline for implementing the AMPs.

Kind regards
John

John Eyres | Senior Environmental Officer
Salmon Environmental Management Section
EPA Tasmania

Out of Scope

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