

Complete

- b. **Facility Expansion (2.35 MGD).** The Discharger is permitted to discharge up to 2.35 MGD to the Old River upon compliance with the following requirements:
 - i. **Facility Improvements.** The Discharger shall have completed construction and startup of the oxidation ditch/secondary clarifier upgrades, as identified in section II.E of the Fact Sheet, and shall provide evidence certified by the design engineer that the plant is operating properly.
 - ii. **Request for Increase.** The Discharger shall submit a request for an increase in the permitted flow rate, which demonstrates compliance with item i above. The increase in the permitted discharge flow rate shall not be effective until the Executive Officer approves the Discharger's request in writing.

7. Compliance Schedules

- a. **Compliance Schedule for Ammonia and Nitrate Plus Nitrite.** This Order requires compliance with the final effluent limitations for ammonia and nitrate plus nitrite in Section IV.A.1 of this Order by **31 December 2023**. The Discharger shall comply with the following time schedule to ensure compliance with these requirements:

<u>Task</u>	<u>Date Due</u>
<i>Complete</i> i. Submit Method of Compliance Workplan. Submit workplan that ensures compliance with final effluent limitations for ammonia and nitrate plus nitrite by the final compliance date.	30 December 2014
<i>Complete</i> ii. Submit and Implement Pollution Prevention Plan (PPP) for Ammonia and Nitrate Plus Nitrite in accordance with Water Code section 13263.3(d)(3). The PPP shall be prepared and implemented in accordance with attachment F, Section VI.B.3.a of the permit.	30 December 2014
<i>Complete</i> iii. Rate Analysis Report. Submit a report with the annual progress report that includes the following: <ul style="list-style-type: none"> 1) Identification of the funding alternatives and sources, such as revenue bonds, State Revolving Fund loan, etc.; and 2) An evaluation of the source of rate revenue necessary to fund the selected compliance project(s). 	30 June 2015
<i>Complete</i> iv. Complete Construction of Oxidation Ditch and Secondary Clarifier. Submit letter demonstrating compliance with this task.	31 December 2015
<i>Complete</i> v. Complete Financing Plan. Submit with the annual progress report a financing plan for the selected compliance project(s) and a schedule for obtaining funding.	30 June 2016 <i>UPDATE</i> 31 Dec 2019
<i>P</i> vi. Obtain Funding. Submit with the annual progress report confirmation of compliance with this task.	30 June 2021 ✓
vii. Approval of Project by District Board. Submit with the annual progress report confirmation of compliance with this task that includes a summary of the outcome of the District Board meeting (e.g., resolution on compliance alternative).	30 June 2021 ✓
viii. Complete Design. Submit with the annual progress report confirmation of compliance with this task.	30 June 2022 ✓

We should leave dates as shown but we are internally accelerating the schedule

*Letter
US IS -
we
will
accept
interwork*

- | <u>Task</u> | <u>Date Due</u> |
|---|--|
| ix. Award Construction Bid. Submit a letter confirming and describing detailed information on awarded construction bid process (e.g. date awarded, company, etc.). | 30 August 2022 ✓ |
| x. Final Compliance. Submit report demonstrating compliance with the final effluent limits for ammonia and nitrate plus nitrite. | 31 December 2023 ✓ |
| xi. Progress Reports. The progress reports shall detail what steps have been implemented towards achieving compliance with waste discharge requirements, including studies, construction progress, evaluation of measures implemented, and recommendations for additional measures as necessary to achieve full compliance by the final compliance date. | 30 June, annually, until final compliance. ✓ |

*We failed
our test
work to
be performed
w/ nitrate
project
note 1 year
early*

- b. **Compliance Schedule for Title 22 (or equivalent) Disinfection Requirements.** This Order requires compliance with: (1) the final effluent limitations for TSS in Section IV.A.1 and the operational specifications for turbidity in Section VI.C.4.a.ii by **31 December 2017**, and (2) the final effluent limitations for total coliform organisms in Section IV.A.1, the operational specifications for UV disinfection in Section VI.C.4.b, and the Title 22 (or equivalent) disinfection requirements in Section VI.C.6.a by **31 December 2022**. The Discharger shall comply with the following time schedule to ensure compliance with these requirements:

- | <u>Task</u> | <u>Date Due</u> |
|---|-------------------------------------|
| i. Submit Method of Compliance Workplan. Submit workplan that ensures compliance by the final compliance date. | 30 December 2014
<i>complete</i> |
| ii. Submit and Implement Pollution Prevention Plan (PPP) for TSS, Turbidity, and Total Coliform in accordance with Water Code section 13263.3(d)(3).. The PPP shall be prepared and implemented in accordance with attachment F, Section VI.B.3.a of the permit. | 30 December 2014
<i>complete</i> |
| iii. <u>TSS and Turbidity</u> | |
| 1. Complete Design Effluent Filtration System Plan. Submit information demonstrating compliance with this task. | 1 April 2015
<i>complete</i> |
| 2. Award Construction Bid. Submit a letter confirming and describing detailed information on awarded construction bid process (e.g. date awarded, company, etc.). | 30 August 2016
<i>complete</i> |
| 3. Final Compliance with TSS and Turbidity. Submit information demonstrating compliance with the final effluent limits for TSS in Section IV.A.1 and operational specifications for turbidity in Section VI.C.4.a.ii. | 31 December 2017
<i>complete</i> |
| iv. <u>Total Coliform, UV Disinfection Specifications, and Title 22 (or equivalent) disinfection requirements</u> | |

*Sum up AUGUST 2017 -
SAN 2017
5 Aug. 2017*

<u>Task</u>	<u>Date Due</u>
1. Rate Analysis Report. Submit a report with the annual progress report that includes the following: a) Identification of the funding alternatives and sources, such as revenue bonds, State Revolving Fund loan, etc.; and b) An evaluation of the source of rate revenue necessary to fund the selected compliance project(s).	30 June 2015 <i>complete</i>
2. Complete Financing Plan. Submit with the annual progress report a financing plan for the selected compliance project(s) and a schedule for obtaining funding. <i>Needs update</i>	30 June 2016 <i>complete</i>
3. Obtain Funding. Submit a letter confirming compliance with this task.	30 June 2020 <i>-</i>
4. Approval of Project by District Board. Submit with the annual progress report confirmation of compliance with this task that includes a summary of the outcome of the District Board meeting (e.g., resolution on compliance alternative).	30 June 2020 <i>-</i>
5. Complete UV Improvement Design Plan. Submit with the annual progress report confirmation of compliance with this task.	30 June 2021 <i>✓</i>
6. Award Construction Bid. Submit a letter confirming and describing detailed information on awarded construction bid process (e.g. date awarded, company, etc.).	30 August 2021 <i>✓</i>
7. Final Compliance. Submit report demonstrating compliance with the final effluent limits for total coliform organisms in Section IV.A.1, the operational specifications for UV disinfection in Section VI.C.4.b, and the Title 22 (or equivalent) disinfection requirements in Section VI.C.6.a.	31 December 2022 <i>1 year ahead July update</i>
v Progress Reports. The progress reports shall detail what steps have been implemented towards achieving compliance with waste discharge requirements, including studies, construction progress, evaluation of measures implemented, and recommendations for additional measures as necessary to achieve full compliance by the final compliance date.	30 June, annually, beginning June 2015 until final compliance

- c. **Compliance Schedule for Final Effluent Limitations for Methylmercury.** This Order requires compliance with the final effluent limitations for methylmercury by **31 December 2030**. The Discharger shall comply with the following time schedule to ensure compliance with the final effluent limitations:

<u>Task</u>	<u>Date Due</u>
Phase 1	
i. Submit CVCWA Coordinated Methylmercury Control Study Work Plan	Complete
ii. Submit Pollution Prevention Plan (PPP) ¹ for Mercury (per Section VI.C.3.a)	1 January 2015 <i>complete</i>

<u>Task</u>	<u>Date Due</u>
iii. Implement CVCWA Coordinated Methylmercury Control Study Work Plan	Immediately following Executive Officer Approval <i>complete</i>
iv. Annual Progress Reports ²	30 January, annually
v. Submit CVCWA Coordinated Methylmercury Control Study Progress Report	20 October 2015 <i>complete</i>
vi. Submit Final CVCWA Coordinated Methylmercury Control Study	20 October 2018 ³ <i>complete</i>

Phase 2

vii. Implement methylmercury control programs	TBD ⁴
viii. Full Compliance	31 December 2030 ³

¹ The PPP for mercury shall be implemented in accordance with Section VI.C.3.a.
² Beginning **30 January 2015** and annually thereafter until the Facility achieves compliance with the final effluent limitations for methylmercury, the Discharger shall submit annual progress reports on pollution minimization activities implemented and evaluation of their effectiveness, including a summary of total mercury and methylmercury monitoring results.
³ The Executive Officer may, after public notice, extend the due date for the Final CVCWA Coordinated Methylmercury Control Study up to 2 years if the Discharger demonstrates it is making significant progress towards developing, implementing and/or completing the Study and reasonable attempts have been made to secure funding for the Study, but the Discharger has experienced severe budget shortfalls.
⁴ To be determined. Following Phase 1 the Central Valley Water Board will conduct a Phase 1 Delta Mercury Control Program Review that considers: modification of methylmercury goals, objectives, allocations, final compliance date, etc. Consequently, the start of Phase 2 and the final compliance date is uncertain at the time this Order was adopted.