



# LAKE ELSINORE/CANYON LAKE TMDL TASK FORCE MEETING

JUNE 27, 2022

# PURPOSE OF TODAY'S MEETING

- DEFINE PHASES FOR LE/CL TMDL
- RECAP OF IMPLEMENTATION PLAN AS OF APRIL 2, 2019, ATTACHMENT A DRAFT TO TENTATIVE RESOLUTION
- DISCUSS PROPOSED PHASE 2 FOR REVISED ATTACHMENT A
- DISCUSS PROPOSED TASKS FOR PHASE 2: YEARS 1-20 AND 21-30
- IDENTIFY NEXT STEPS

# LE/CL TMDL PHASES DEFINED

- PHASE 1 – DEFINED AS ORIGINAL EFFECTIVE DATE TO EFFECTIVE DATE OF REVISED TMDLS
  - 2005 – 202?
- PHASE 2 – DEFINED AS EFFECTIVE DATE OF REVISED TMDLS UNTIL DATE FOR MEETING FINAL REVISED TMDLS
  - YEARS 1-20 OF PHASE 2 – IMPLEMENTATION ACTIONS TO MEET INTERIM TMDLS AND ASSESS FINAL TMDLS
  - YEARS 21-30 OF PHASE 2 – IMPLEMENTATION ACTIONS TO REVISE FINAL TMDLS OR MEET FINAL TMDLS

# RECAP OF DRAFT NUTRIENT TMDL COMPLIANCE DATES FROM APRIL 2, 2019 ATTACHMENT A TO DRAFT TENTATIVE RESOLUTION

- FINAL TOTAL PHOSPORUS AND TOTAL NITROGEN TMDLS
  - AS SOON AS POSSIBLE BUT NO LATER THAN 20 YEARS AFTER TMDL EFFECTIVE DATE
  - 10-YEAR RUNNING AVERAGE
- ALLOCATIONS FOR WATERSHED RUNOFF
  - AS SOON AS POSSIBLE BUT NO LATER THAN 10 YEARS AFTER TMDL EFFECTIVE DATE (MAY BE AN ERROR IN THE DRAFT AS IT IS INCONSISTENT WITH ALL OTHER INFORMATION)
- PHASE 2 TIME PERIOD FOR TMDL IMPLEMENTATION PLAN/SCHEDULE
  - 15-20 YEAR PERIOD AFTER EFFECTIVE DATE OF REVISED TMDLS

# RECAP OF DRAFT IMPLEMENTATION SCHEDULE FROM APRIL 2, 2019 ATTACHMENT A TO DRAFT TENTATIVE RESOLUTION

| <b>Implementation Element (Task)</b>                               | <b>Activity</b>   | <b>Complete by</b>  |
|--|---|---|
| Task 1 – Stakeholder Coordination                                  | LECL Task Force collaborate at least quarterly on TMDL Implementation | Ongoing throughout Phase 2  |
| Task 2 – Revision to Existing Permits and Other Regulatory Actions | MS4 permits, CWAD, EVMWD, Dairy Order, CalTrans, USFS Nutrient Plans  | In a timely manner, and as needed; at the discretion of the regulatory agency   |
| Task 3 – Revise Existing Watershed Implementation Plans            | Revise CNRP<br>Revise AgNMP   | CNRP: Within two years of revised TMDLs effective date<br>AgNMP: Within three months of Regional Board adoption of Revised TMDL |

# RECAP OF DRAFT IMPLEMENTATION SCHEDULE FROM APRIL 2, 2019 ATTACHMENT - CONTINUED

| Implementation Element (Task)  | Activity  | Completed By  |
|--|---|---|
| Task 4 – Implementation and/or Revision of Existing Water Quality Controls | Canyon Lake Alum Project<br>LEAMS<br>Fishery Management<br>Supplemental Reclaimed Water   | As needed and continued operations  |
| Task 5 – Special Studies   | Nutrient Loads from Reference Watershed<br><br>Other Research Activities  | Complete study within three years of TMDL effective date<br><br>As needed   |
| Task 6 – Revised Monitoring Program  | Revised MRP, include watershed aerial surveys of land use every 5 years, HAB and cyanotoxin monitoring for lakes<br><br>Annual Water Quality Reports<br><br>Evaluate status of TMDL Compliance and possible revisions to the TMDL | Submitted within 90 days of TMDL effective date<br><br>By August 15 each year<br><br>By August 15 of every fifth year |

# PROPOSED PHASE 2 FOR REVISED ATTACHMENT A

- **PHASE 2 TIME PERIOD – 30 YEARS FROM EFFECTIVE DATE OF REVISED TMDL**
  - FIRST 20 YEARS – IMPLEMENTATION PLAN TO MEET INTERIM TMDLS BASED ON MEDIAN REFERENCE DATA AND REASSESS FINAL TMDLS
  - LAST 10 YEARS – CONTINUE ONGOING EFFORTS, REVISE FINAL TMDLS BASED ON DATA AND INFORMATION FROM FIRST 20 YEARS, ASSESS AND IMPLEMENT MANAGEMENT MEASURES NEEDED FOR MEETING FINAL TMDLS

# PROPOSED TASKS FOR REVISED IMPLEMENTATION

## SCHEDULE PHASE 2 – YEARS 1-20

| Proposed Task  | Activity   | Complete By  |
|--|--|--|
| Task 1 – Stakeholder Coordination                                  | LECL Task Force collaboration at least quarterly                     | Ongoing throughout Phase 2   |
| Task 2 – Revision to Existing Permits and Other Regulatory Actions | MS4 permits, CWAD, EVMWD, Dairy Order, CalTrans, USFS Nutrient Plans | In a timely manner, and as needed; at the discretion of the regulatory agency                                    |
| Task 3 – Revise Existing Watershed Implementation Plans            | Revise CNRP<br>Revise AgNMP  | CNRP: Within XXX of revised TMDLs effective date<br>AgNMP: Within XXX of Regional Board adoption of Revised TMDL |



# PROPOSED TASKS FOR REVISED IMPLEMENTATION SCHEDULE PHASE 2 – YEARS 1-20

| Proposed Task   | Activity  | Completed By  |
|---|---|---|
| Task 4 – Implementation and/or Revision of Existing In Lake Controls for Canyon Lake                          | Canyon Lake Alum Project  | Continue to implement as needed, conduct periodic evaluation of effectiveness of Alum Project |
| Task 5 – Investigate and Identify Highest Attainable Uses and Criteria to protect such Uses for Lake Elsinore | Comprehensive evaluation of Lake Elsinore and potential management of Lake Elsinore considering permanent modifications to the Lake, fish stocking, recreational uses, salinity levels, lake clarity, cyanotoxins, etc. | Within 2 years from TMDL effective date   |

# PROPOSED TASKS FOR REVISED IMPLEMENTATION SCHEDULE PHASE 2 – YEARS 1-20

| Proposed Task   | Activity  | Completed By                             |
|---|---|--|
| Task 6 – Evaluate Renovation or Replacement of LEAMS          | Conduct evaluation of renovation of current LEAMS or replacement of LEAMS; include recommendation based on result of evaluation | Within 3 years from TMDL effective date  |
| Task 7 – Implementation of Renovation or Replacement of LEAMS | Implement recommendation from Task 6  | Within 10 years from TMDL effective date |

# PROPOSED TASKS FOR REVISED IMPLEMENTATION SCHEDULE PHASE 2 – YEARS 1-20


| Proposed Task  | Activity   | Complete By  |
|--|--|--|
| Task 8 – Special Study - Performance of Watershed Controls | Evaluate Performance of implementation of watershed controls; recommendations to adjust watershed controls | Complete Study within 7 years from TMDL Effective Date     |
| Task 9 – Special Study - Reference Watershed               | Study Nutrient Loads from Reference Watershed  | Complete Study within 12 years from TMDL Effective Date    |
| Task 10 – Special Studies – Fishery Management             | Evaluate status of fishery populations in Lake Elsinore  | Time and frequency dependent on data needs for other tasks |
| Task 11 – Evaluate Status of TMDL Compliance               | Evaluate status of TMDL Compliance; identify potential revisions to TMDL                                   | By August 15 of every fifth year                           |

# PROPOSED TASKS FOR REVISED IMPLEMENTATION SCHEDULE PHASE 2 – YEARS 1-20

| Proposed Tasks  | Activity  | Completed By  |
|---|---|---|
| Task 12 – Evaluate Applicability and Feasibility of Interim and Final TMDL provisions | Based on data and information gathered over first 15 years, re-evaluate Final TMDL provisions   | Within 15 years from TMDL Effective Date  |
| Task 13 – Identify possible revisions to the TMDLs                                    | Based on results of relevant tasks, prepare Technical Report in support of revisions to the TMDL  | Within 17 years from TMDL Effective Date  |
| Task 14 – Revised Monitoring Program  | Revised monitoring and reporting program, to include watershed aerial surveys of land use every 5 years, HAB and cyanotoxin monitoring program for both lakes | Submitted within 6 months of TMDL Effective Date; implemented within 90 days of Regional Board Executive Officer approval |
| Task 15 – Reporting Program   | Annual Water Quality Reports  | By August 15 each year  |



# PROPOSED TASKS FOR REVISED IMPLEMENTATION SCHEDULE PHASE 2 – YEARS 21-30

- REPEAT AND INCLUDE TASKS 1-4
  - REPEAT AND INCLUDE TASKS 8, 10, 11
  - IMPLEMENT TASK 13, CONTINGENT ON RESULTS OF TASK 12
  - REPEAT AND INCLUDE TASKS 14-15
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# NEXT MEETING

- REVIEW REVISED TASKS AND DRAFT LANGUAGE FOR REVISED TECHNICAL TMDL REPORT AND/OR ATTACHMENT A
  - TO BE PROVIDED AT LEAST ONE WEEK PRIOR TO TASK FORCE MEETING
- DISCUSSION REGARDING APPROACHES FOR DEMONSTRATING COMPLIANCE WITH INTERIM AND FINAL TMDLS
- OVERVIEW OF KEY TECHNICAL UPDATE ITEMS