

Umpqua TMDL Implementation Tracking Matrix: City of Reedsport, Oregon

Designated Management Agency: City of Reedsport

Umpqua Basin TMDL: Bacteria, temperature, dissolved oxygen, nutrients, pH, and sediment

Implementation plans are required by Oregon Administrative Rule (OAR) 340042-0080(3) for nonpoint sources of pollution that are not covered by permit.

Actions with an asterisk (*) to be included, unless the DMA can demonstrate it is not applicable. The actual action step, measure, timeline, etc. can be modified to reflect city staff time and budget but the intent of the activity must be adopted.

ACTION STEPS What specific steps are/will you take to achieve this strategy?	FINANCIAL & TECHNICAL RESOURCES What resources do you need (i.e. staff, time, money, partners)? Are existing resources budgeted? If not, where will those resources come from?	MEASURES How will you demonstrate implementation or completion of this strategy?	TIMELINE AND MILESTONES When do you expect this action to be completed? What intermediate goals do you expect to achieve and by when?	TMDL PARAMETER					STATUS Assess annual progress using the identified measures.
STRATEGY 1: Conduct Public Education and Outreach and Participate in TMDL Program									
1.1 - Increase public awareness of water quality problems and solutions for reducing non-point source pollution loading									
PE - 1 Educate public on locations of surface water bodies	K. Clardy – Public Works Director and Public Works Department \$100/sign-secured	# signs installed and locations mapped	2021 - Identify and map creek crossing locations 2022 - Creek name signs installed at all major pedestrian stream crossings 2023 - Creek name signs installed at all major bridge crossings	x	x	x	x	x	2021: Identified Scholfield Creek PE-1 2022:Sign at Scholfield Creek PE-1 2023: 2024: 2025:
PE - 2 *Add information about stormwater, TMDL, and water quality to the City website, utility bill, and/or newsletter	C. Halstead - Admin Asst. Staff Time-secured	# web visits # newsletters and brochures distributed # of new articles published	2021 - Draft contents and layout for website and brochure 2022 – Publication of storm water information on City's website and brochures for utility bill and/or newsletters Ongoing - New content and annual updates Newsletter and/or brochures	x	x	x	x	x	2021:Website revitalized 2022:1000 Newsletters went out 10/2022 with Stormwater info PE-2, also updated City Website with info. 2023: 2024: 2025:

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PE – 3 Develop and distribute fact sheets or brochures on pollution prevention topics such as fertilizer use, benefits of native streamside landscaping, grass clipping disposal, etc.	C. Halstead – Admin Asst. Partner with USWD Budget for printing-secured	# of fact sheets distributed	2022 - Draft contents and layout 2023 - Publication and distribution brochures or fact sheets Ongoing – Newsletter developed as new issues identified	x	x	x	x	x	x	2021: Draft layout done ahead of time, see attached PE-3 2022: Draft layout was done in 2021 and is on the city website and 1000 newsletters 7/2022 PE-3 2023: 2024: 2025:
PE – 4 *Maintain existing pet stations	Public Works Department Maintenance of dispensers-secured Budget for poop bags-secured	# of poop bags purchased	Ongoing - Monitor usage, refill and maintain existing pet poop dispensers	x	x					2021: 26,000 poop bags purchased, see attached. 2022: 22,000 poop bags purchased along with 300 dog waste can liners, see attached 2023: 2024: 2025:
1.2 - Evaluate the costs of TMDL program implementation										
TC-1 *Document current TMDL implementation costs and project costs for next year	K Clardy- Public Works Director Staff Time - secured	Staff time and necessary funds are budgeted to meet predicted TMDL implementation costs	Annually - Estimate current year costs and project next year's costs	x	x	x	x	x	x	2021: Budget was done and approved 2022: Budget was done and approved 2023: 2024: 2025:
TC – 2 *Pursue strategies to meet funding gaps	M Fraley - Finance Director will work with K Clardy - Public Works Director Staff Time - Secured	Identify additional funding sources as needed including staff time, grant funding, and other resources.	Annually – List funding gaps and funding sources to be pursued	x	x	x	x	x	x	2021: No additional funding needed for 2022/2023 2022: No additional funding needed for 2023/2024 2023: 2024: 2025:

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1.3 - Participate in the TMDL program										
PP -1 *DMA staff will regularly update management on TMDL-related actions	K Clardy- Public Works Director Staff Time - Secured	# of reports provided to management and or council	Annually – Oral and written reports given to management on TMDL progress and resource needs	x	x	x	x	x	x	2021:Annual report given to management 6/30/2022 Council will get staff report on 8/1/2022. 2022: Annual report given to management on 6/30/2023 Council staff report after approval. 2023: 2024: 2025:
PP – 2 *Attend TMDL meetings	K Clardy- Public Works Director Staff Time - Secured	# of TMDL meetings either in-person or via phone.	Annually – TMDL meetings will be attended by a DMA representative	x	x	x	x	x	x	2021: All meetings attended by staff 2022: All meetings attended by staff 2023: 2024: 2025:
PP – 3 *Submit Annual implementation plan report to DEQ	K Clardy- Public Works Director Staff Time - Secured	Annual implementation reports submitted on time	Annual Reports submitted by September 1 st for the preceding July 1 – June 30 reporting year.	x	x	x	x	x	x	2021: Done 2022: Done 2023: 2024: 2025:
PP – 4 * 5-year review and matrix update. Identify new partnerships, technologies, funding sources, training opportunities, projects, and program innovations to meet the TMDL targets	K Clardy- Public Works Director Coordination with DMAs and partners Staff Time - Secured	Revised implementation matrix and updated budget for new approaches	2025 - New approaches identified with success indicators. Annually - Track what is working, needed improvement, completed actions, and potential new approaches	x	x	x	x	x	x	2021:Tracking work with TMDL 2022: Tracking work with TMDL 2023: 2024: 2025:

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1.4 - Develop a program to track the effectiveness of TMDL implementation										
*Work with DEQ, Umpqua Basin DMAs, watershed councils, and others to implement a collaborative basin-wide water quality sampling program to evaluate and track TMDL program effectiveness.	C. Hurlocker - WW Lead Partnerships with DEQ, DMAs, WCs, and Umpqua Soil and Water External funding for planning and monitoring Staff Time - Secured	Identify methods to track TMDL program effectiveness (e.g. data collection and analysis, load reductions, identification of trends, and tracking of TMDL actions.)	2022 - Partners and list of methods and/or monitoring locations identified 2023 - DEQ-approved monitoring plan Annual - Review DEQ's OWQI to indicate the effectiveness of the program and report on water quality program and results	x	x	x	x	x	x	2021:N/A 2022: Attended January TMDL meeting. 2023: 2024: 2025:
STRATEGY 2: Enhance Forest Canopy										
2.1 - Enhance forest canopy, especially in riparian areas, to promote cooling of stormwater and instream water										
EFC - 1 *Track changes in riparian conditions	K Clardy- Public Works Director Staff Time - Secured	Map of areas in need of riparian cover or restoration # acres restored	2021 - Using google earth, identify riparian areas in need of restoration 2025 - Compare 2021 photo to most current aerial photo to track changes in riparian cover	x	x					2021:See attached Riparian 2021 EFC-1 2022: N/A 2023: 2024: 2025:
EFC - 2 Lead by example. Celebrate Arbor Day annually to promote tree benefits and planting trees	Parks and Beautification Committee Local partnerships Volunteers Unsecured-donation from a local nursery	Document activities	Annually - Plant a tree a year and promote annual celebration through activities and media	x	x					2021:See attached Tree Planting EFC-2 2022:See attached Tree Planting EFC-2 2023: 2024: 2025:

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EFC – 3 *Enforce the current riparian ordinance or other riparian protection strategies already in place	K Clardy- Public Works Director and Public Works Department Staff Time - Secured	# of site visits and enforcement actions # linear feet/acres restored as a result of the ordinance	2024-Review current ordinance 10.80.080 and work with personal to enforce the ordinance. 2025 - 5-year reviews recommended changes	x	x				2021: N/A 2022: N/A 2023: 2024: 2025:
EFC – 4 *Protect riparian zones with stream-friendly design standards for setbacks and landscaping	Planning K Clardy- Public Works Director Staff Time - Secured	Revised standards and design manual # of streamside development permits issued and summary of permit conditions	2022 - Review standards 2023- Update design manual and standards Ongoing after 2023 – development permits issued with riparian zone protections	x	x				2021: N/A 2022: See attached planning letter EFC-4 2023: 2024: 2025:
STRATEGY 3: Reduce Surface Water Runoff									
3.1 Reduce surface water runoff from a wide variety of sources including new development and construction, existing development, and commercial/industrial facilities into local waterways.									
SWR – 1 *Review code and design standards to determine whether the jurisdiction has any requirements in place that may prevent the use of low-impact development and other onsite stormwater treatment options. Update as needed.	K Clardy- Public Works Director Staff Time - Secured	Summary of review and amendments needed Amendments completed	2024 – Review codes and standards utilizing DEQ's small city LID stormwater manual template 2025 – Amendments made to allow low impact development and other onsite stormwater treatment options	x	x	x	x	x	2021: N/A 2022: N/A 2023: 2024: 2025:

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SWR – 2 * Lead by example - Design and construct capital improvements that reduce stormwater runoff - incorporate low impact development and onsite stormwater treatment	Public Works Department Staff Time - Secured Internal funding-secured External funding-Unsecured	# features designed # features implemented Measured improved water quality or flow reduction	2023 – Develop a list and map of LID or green infrastructure opportunities	x	x	x	x	x	x	2021: N/A 2022:N/A 2023: 2024: 2025:
SWR – 3 Work with developers to install onsite treatment of stormwater for new development and redevelopment	Planning K Clardy- Public Works Director Staff Time - Secured	# of development applications Track stormwater facilities	Ongoing-Review all plans submitted to ensure the stormwater treatment is included in all new developments.	x	x	x	x	x	x	2021:See attached report from city planner SWR-3 2022: See attached planner letter SWR-3 2023: 2024: 2025:
SWR – 4 *Update and enforce code and standards 10.12 to require erosion and sediment control at construction sites	K Clardy- Public Works Director Staff Time - Secured	# of new development projects required to install erosion and sediment controls # of inspections # of enforcement actions # of projects requiring a DEQ 1200 C permit	Ongoing - Enforce construction erosion control permits if applicable Ongoing - refer applicants to DEQ for 1200 C permit 2023 – Review code and standards 2024 – Amendments to control sediment on site	x	x	x	x	x	x	2021:See attached report from city planner SWR-4 2022: See attached planner letter SWR-4 2023: 2024: 2025:

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SWR -5 *Lead by example – Remove debris from storm drainage facilities, street, drains, and gutters	Public Works Department Staff Time - Secured	Track street sweeping schedules	Ongoing after 2021 - Develop a schedule to ensure all city streets are swept on a regular schedule	x	x	x	x	x	2021: N/A 2022: See attached map of street sweeping SWR-5, street sweeping at this current time is done during the fall, spring, and after storms. 2023: 2024: 2025:
STRATEGY 4: Illicit discharge detection and elimination									
4.1 Reduce frequency of illicit discharges from residential and commercial/industrial facilities into local waterways									
*Lead By Example: Maintain the city stormwater lines and implement good housekeeping practices and prevent pollution to the maximum extent practicable	K Clardy – Public Works Director Public Works Department Staff Time - Secured	% of city storm lines and drains cleaned # of inspections conducted # of issues identified and resolved Agenda of staff training and name of attendees	2021 – Develop a dry weather schedule to ensure all city storm drains and lines are cleaned on a regular schedule Ongoing – clean and Vaccon all city storm lines Annual after 2021 – Train staff on good housekeeping practices	x	x	x	x	x	2021: See attached Downtown & North Side Utility Maps 2022: See attached maps 4-1 2023: 2024: 2025:
*Create an illicit discharge plan and spill response plan	C Hurllocker – Wastewater Lead Public Works Department	Draft plan Completed plan Agenda of staff training and name of attendees	2021 - Draft plans 2022 - Plans approved 2023 – Staff training	x	x	x	x	x	2021: Draft Created see attached. 2022: Plan submitted on 7/8/2023 2023: 2024: 2025:

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* Maintain the current map of stormwater system. The map and inventory must include the location of outfalls and an outfall inventory ¹ , conveyance system and stormwater control locations, and chronic illicit discharges. Delineate storm sewer by drainage basin, as appropriate.	K Clardy – Public Works Director Staff Time - Secured	# of stormwater control locations identified # of outfalls identified and cataloged # of illicit discharges identified and cataloged % of stormwater conveyance system mapped	Ongoing - update map to reflect changes in storm system and location of new discharges	x	x	x	x	x	x	2021: See the updated map attached. 2022: No new changes. 2023: 2024: 2025:
* Review and maintain ordinance 3.28 to prohibit non-stormwater discharges, including enforcement	K Clardy – Public Works Director City Planner City attorney time Staff Time - Secured	Summary of review and ordinance needed	2023-Review code and standards. 2024-Amendments to control illicit discharges and connections.	x	x					2021: N/A 2022: N/A 2023: 2024: 2025:
* Enforce the current IDDE ordinance	Reedsport Police department Staff Time - Secured	# enforcement actions	Annual reviews 2025 - 5-year reviews recommended changes	x	x					2021: No enforcement actions this year 2022: No enforcement actions this year. 2023: 2024: 2025:
Host hazardous waste collection event	City Management Staff Staff Time - Secured	The volume of waste collected during the event	spring cleaning free city-wide hazardous waste collection event, every 3-5 years.	x	x					2021: Done in May 2021 next event 2026 See attached email. 2022: Done in May 2021 next event 2026 2023: 2024: 2025:

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Host drug/prescription collection event	Reedsport Police Department Staff Time - Secured	The volume of unused medication collected annually	Ongoing – Provide residents a location to dispose of unused medication	x	x	x				2021: Police lobby area see attached picture. 2022: Medication collected by Police Department 2023: 2024: 2025: