



Summary of recommended changes to Regulation 84

This table summarizes the changes that the division will recommend to the Water Quality Control Commission during the 2016 Triennial Review Informational Hearing for Regulation 84 on May 9, 2016. Timing of the Rulemaking Hearing will be determined at a later date.

| Topic | Background | Potential path forward |
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| Adding edible crops as an approved use | Reclaimed water stakeholders have expressed interest in adding the irrigation of edible crops as a new approved use under Regulation 84. Currently, Regulation 84 allows landscape irrigation and agricultural irrigation of non food crops and silviculture. | <ul style="list-style-type: none"> • Denver Water and/or WRCO will act as the proponent for this new use. • Proponent will draft regulation and develop and present the evidence that the use will be protective of human health and the environment. • Proponent will develop and lead any stakeholder processes that may be necessary to support the adoption of the new use. • Proponent’s proposal will include recommendations regarding accumulation of total dissolved solids, salinity, and sodicity relative to plant performance. • WQCD will provide input to Proponent as needed. • WQCD will attend stakeholder meetings as needed. • WQCD will provide a recommendation to WQCC once all evidence has been adequately developed and presented. • For all services listed above, WQCD will first evaluate whether the division can support those services with present resources or if the effective date needs to be delayed until resource issues are resolved. • All stakeholders will be invited to participate in the stakeholder process. |
| Adding indoor toilet flushing as an approved use | Reclaimed water stakeholders have expressed interest in using reclaimed water for indoor toilet flushing. Regulation 84 does not currently include any indoor residential uses. | <ul style="list-style-type: none"> • Path forward will be the same as for edible crops above with the following exceptions: <ul style="list-style-type: none"> ○ TDS discussion is not applicable. ○ Proponent’s proposal will also include recommendations regarding the onsite best management practices (e.g., use of dyes, occupant notification). ○ Maintaining a chlorine residual. |
| Accumulation of Total Dissolved Solids | Stakeholders have expressed concern about the effects of high levels of total dissolved solids (TDS) on plants. TDS may be linked to measures of water quality such as salinity and/or sodicity that may affect plant performance. | WQCD will evaluate the appropriateness of and/or necessity for including in Regulation 84, TDS-related monitoring, notification and/or management requirements relative to irrigation uses. |



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| <p>Clarifications/ Corrections</p> | <p>WQCD staff have found areas where Regulation 84 is incorrect or unclear. In areas where clarifications/corrections would be straightforward, they will be addressed.</p> | <p>WQCD will pursue the following types of general clarifications and/or corrections to Regulation 84:</p> <ul style="list-style-type: none"> • 84.4 (Applicability): Clarify exemption for domestic wastewater used for irrigation at a domestic wastewater treatment plant • 84.8: Clarify that the only approved uses are those that are included in this section. • 84.9(C)(6): Move these irrigation-specific requirements to irrigation section in 84.9(A). • Throughout: correction of typographical errors. • Throughout: If new uses are approved, make edits as necessary throughout Regulation 84 to fully incorporate the new use(s). |