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Recycled Water Policy

1. *Preamble*

California is facing an unprecedented water crisis.

The collapse of the Bay-Delta ecosystem, climate change and continuing population growth have combined with a severe drought on the Colorado River and failing levees in the Delta to create a new reality that challenges California's ability to provide the clean water needed for a healthy environment, a healthy population and a healthy economy, both now and in the future.

These challenges also present an unparalleled opportunity for California to move aggressively towards a sustainable water future. The State Water Resources Control Board (State Water Board) declares that we will achieve our mission to "preserve, enhance and restore the quality of California's water resources to the benefit of present and future generations." To achieve that mission, we support and encourage every region in California to develop a salt/nutrient management plan by 2014 that is sustainable on a long-term basis and that provides California with clean, abundant water. These plans shall be consistent with the Department of Water Resources' Bulletin 160, as appropriate, and shall be locally developed, locally controlled and recognize the variability of California's water supplies and the diversity of its waterways. We strongly encourage local and regional water agencies to move toward clean, abundant, local water for California by emphasizing appropriate water recycling, water conservation, and maintenance of supply infrastructure and the use of stormwater (including dry-weather urban runoff) in these plans; these sources of supply are drought-proof, reliable, minimize our carbon footprint and can be sustained over the long-term.

We declare our independence from relying on the vagaries of annual precipitation and move towards sustainable management of surface waters and groundwater, together with enhanced water conservation, water reuse and the use of stormwater. To this end, we adopt the following goals for California:

- Increase the use of recycled water over 2002 levels by at least one million acre-feet by 2020 and by at least two million acre-feet by 2030.
- Increase the use of stormwater by at least 500,000 acre-feet over use in 2007 by 2020 and by at least one million acre-feet by 2030.
- Increase the amount of water conserved in urban and industrial uses by comparison to 2007 by at least 20% by 2020.
- Included in these goals is the substitution of as much recycled water for potable water as possible by 2030.

39 This Policy focuses on increasing the use of recycled water from municipal wastewater sources
40 in a manner that implements state and federal water quality laws; the State Water Board expects
41 to develop additional policies to encourage the use of stormwater, encourage water conservation,
42 encourage the conjunctive use of surface and groundwater, and improve the use of local water
43 supplies.
44

45 When used in compliance with this Policy, Title 22 and all applicable State and Federal water
46 quality laws, the State Water Board finds that recycled water is safe for approved uses, and
47 strongly supports recycled water as a safe alternative to potable water for such approved uses.
48

49 2. *Purpose of the Policy*

50 a. The purpose of this Policy is to provide direction to the Regional Water Quality
51 Control Boards (Regional Water Boards), proponents of recycled water projects,
52 and the public regarding the appropriate criteria to be used by the State Water
53 Board and the Regional Water Boards in issuing permits for recycled water
54 projects.

55 b. It is the intent of the State Water Board that all elements of this Policy are to be
56 interpreted in a manner that fully implements state and federal water quality laws
57 and regulations in order to enhance the environment and put the waters of the
58 State to the fullest use of which they are capable.

59 c. This Policy describes permitting criteria that are intended to streamline the
60 permitting of the vast majority of recycled water projects. The intent of this
61 streamlined permit process is to expedite the implementation of recycled water
62 projects in a manner that implements state and federal water quality laws while
63 allowing the Regional Water Boards to focus their limited resources on projects
64 that require substantial regulatory review due to unique site-specific conditions.

65 d. By prescribing permitting criteria that apply to the vast majority of recycled water
66 projects, it is the State Water Board's intent to maximize consistency in the
67 permitting of recycled water projects in California while also reserving to the
68 Regional Water Boards sufficient authority and flexibility to address site-specific
69 conditions.

70 e. The State Water Board will establish additional policies that are intended to assist
71 the State of California in meeting the goals established in the preamble to this
72 Policy for water conservation and the use of stormwater.

73 f. For purposes of this Policy, the term "permit" means an order adopted by a
74 Regional Water Board or the State Water Board prescribing requirements for a
75 recycled water project, including but not limited to water recycling requirements,
76 master reclamation permits and waste discharge requirements.

77 3. *Benefits of Recycled Water*

78 The State Board finds that the use of recycled water in accordance with this
 79 policy, that is, which supports the sustainable use of groundwater and/or surface water,
 80 which is sufficiently treated so as not to adversely impact public health or the
 81 environment and which ideally substitutes for use of potable water, is presumed to have a
 82 beneficial impact. Other public agencies are encouraged to use this presumption in
 83 evaluating the impacts of recycled water projects on the environment as required by
 84 CEQA.

85 4. *Mandate for the Use of Recycled Water*

86 a. The State Water Board and Regional Water Boards will exercise the authority
 87 granted to them by the Legislature to the fullest extent possible to encourage the
 88 use of recycled water, consistent with state and federal water quality laws.

89 (1) The State Water Board hereby establishes a mandate to increase the use of
 90 recycled water in California by 200,000 afy by 2020 and by an additional
 91 300,000 afy by 2030. These mandates shall be achieved through the
 92 cooperation and collaboration of the State Water Board, the Regional
 93 Water Boards, the environmental community, water purveyors and the
 94 operators of publicly owned treatment works. The State Water Board will
 95 evaluate progress toward these mandates biennially and review and revise
 96 as necessary the implementation provisions of this Policy in 2012 and
 97 2016.

98 (2) Agencies producing recycled water that is available for reuse and not
 99 being put to beneficial use shall make that recycled water available to
 100 water purveyors for reuse on reasonable terms and conditions. Such terms
 101 and conditions may include payment by the water purveyor of a fair and
 102 reasonable share of the cost of the recycled water supply and facilities.

103 (3) The State Water Board hereby declares that, pursuant to Water Code
 104 sections 13550 *et seq.*, it is a waste and unreasonable use of water for
 105 water agencies not to use recycled water when recycled water of adequate
 106 quality is available and is not being put to beneficial use, subject to the
 107 conditions established in sections 13550 *et seq.* The State Water Board
 108 shall exercise its authority pursuant to Water Code section 275 to the
 109 fullest extent possible to enforce the mandates of this subparagraph.

110 b. These mandates assume that there will be sufficient capital funding for the
 111 construction of recycled water projects from private, local, state and federal
 112 sources and that the Regional Water Boards will effectively implement regulatory
 113 streamlining in accordance with this Policy.

114 c. The water industry and the environmental community have agreed, as reflected in
 115 the letter attached to the Resolution adopting this Policy, jointly to advocate for

116 \$1 billion in state and federal funds over the next 5 years to fund projects needed
 117 to meet the goals and mandates for the use of recycled water established in this
 118 Policy.

119 d. The State Water Board requests the California Department of Public Health
 120 (CDPH), the California Public Utilities Commission (CPUC) and the California
 121 Department of Water Resources (CDWR) to use their respective authorities to the
 122 fullest extent practicable to assist the State Water Board and the Regional Water
 123 Boards in increasing the use of recycled water in California.

124 5. *Roles of the SWRCB, Regional Boards, CDPH and CDWR*

125 The State Water Board recognizes that it shares jurisdiction over the use of recycled
 126 water with the Regional Water Boards and with CDPH. In addition, the State Water Board
 127 recognizes that CDWR and the CPUC have important roles to play in encouraging the use of
 128 recycled water. The State Water Board believes that it is important to clarify the respective roles
 129 of each of these agencies in connection with recycled water projects, as follows:

130 a. The State Water Board establishes general policies governing the permitting of
 131 recycled water projects consistent with its role of protecting water quality and
 132 sustaining water supplies. The State Water Board exercises general oversight
 133 over recycled water projects, including review of Regional Water Board
 134 permitting practices, and shall lead the effort to meet the recycled water use goals
 135 set forth in the Preamble to this Policy. The State Water Board is also charged by
 136 statute with developing a general permit for irrigation uses of recycled water.

137 b. The CDPH is charged with protection of public health and drinking water supplies
 138 and with the development of uniform water recycling criteria appropriate to
 139 particular uses of water. Regional Water Boards shall appropriately rely on the
 140 expertise of CDPH for the establishment of permit conditions needed to protect
 141 human health.

142 c. The Regional Water Boards are charged with protection of surface and
 143 groundwater resources and with the issuance of permits that implement CDPH
 144 recommendations, this Policy and applicable law and will, pursuant to paragraph
 145 4 of this Policy, use their authority to the fullest extent possible to encourage the
 146 use of recycled water.

147 d. CDWR is charged with reviewing and, every five years, updating the California
 148 Water Plan, including evaluating the quantity of recycled water presently being
 149 used and planning for the potential for future uses of recycled water. In
 150 undertaking these tasks, CDWR may appropriately rely on urban water
 151 management plans and may share the data from those plans with the State Water
 152 Board and the Regional Water Boards. CDWR also shares with the State Water
 153 Board the authority to allocate and distribute bond funding, which can provide
 154 incentives for the use of recycled water.

155 e. The CPUC is charged with approving rates and terms of service for the use of
 156 recycled water by investor-owned utilities.

157 6. *Salt/Nutrient Management Plans*

158 a. *Introduction.*

159 (1) Some groundwater basins in the State contain salts and nutrients that
 160 exceed or threaten to exceed water quality objectives established in the
 161 applicable Water Quality Control Plans (Basin Plans), and not all Basin
 162 Plans include adequate implementation procedures for achieving or
 163 ensuring compliance with the water quality objectives for salt or nutrients.
 164 These conditions can be caused by natural soils/conditions, discharges of
 165 waste, irrigation using surface water, groundwater or recycled water and
 166 water supply augmentation using surface or recycled water. Regulation of
 167 recycled water alone will not address these conditions.

168 (2) It is the intent of this Policy that salts and nutrients from all sources be
 169 managed on a basin-wide or watershed-wide basis in a manner that
 170 ensures attainment of water quality objectives and protection of beneficial
 171 uses. The State Water Board finds that the appropriate way to address salt
 172 and nutrient issues is through the development of regional or subregional
 173 salt and nutrient management plans rather than through imposing
 174 requirements solely on individual recycled water projects.

175 b. *Adoption of Salt/ Nutrient Management Plans.*

176 (1) The local water and wastewater entities, together with local salt/nutrient
 177 contributing stakeholders have agreed to fund (see letter dated _____
 178 attached to the Resolution adopting this Policy) locally driven and
 179 controlled, collaborative processes open to all stakeholders that will
 180 prepare salt and nutrient management plans for each basin / sub-basin in
 181 California, including compliance with CEQA including participation by
 182 Regional Water Board staff.

183 (a) It is the intent of this Policy for every groundwater basin/sub-basin
 184 in California to have a consistent salt/nutrient management plan.
 185 The degree of specificity within these plans and the length of these
 186 plans will be dependent on a variety of site-specific factors,
 187 including but not limited to size and complexity of a basin, source
 188 water quality, stormwater recharge, hydrogeology, and aquifer
 189 water quality. It is also the intent of the State Water Board that
 190 because stormwater is typically lower in nutrients and salts and can
 191 augment local water supplies, inclusion of a significant stormwater
 192 use and recharge component within the salt/nutrient management
 193 plans is critical to the long-term sustainable use of water in
 194 California. Inclusion of stormwater recharge is consistent with

- 195 State Water Board Resolution 2005-06, which establishes
 196 sustainability as a core value for State Water Board programs and
 197 also assists in implementing Resolution 2008-30, which requires
 198 sustainable water resources management and is consistent with
 199 Objective 3.2 of the State Water Board Strategic Plan Update dated
 200 September 2, 2008.
- 201 (b) Salt and nutrient plans shall be tailored to address the water quality
 202 concerns in each basin / sub-basin and may include constituents
 203 other than salt and nutrients that impact water quality in the basin /
 204 sub-basin.. Such plans shall address and implement provisions, as
 205 appropriate, for all sources of salt and/or nutrients to groundwater
 206 basins, including recycled water irrigation projects and
 207 groundwater recharge reuse projects.
- 208 (c) Such plans may be developed or funded pursuant to the provisions
 209 of Water Code sections 10750 *et seq.* or other appropriate
 210 authority.
- 211 (d) Salt and nutrient plans shall be completed and proposed to the
 212 Regional Water Board within five years from the date of this
 213 Policy unless a Regional Water Board finds that the stakeholders
 214 are making substantial progress towards completion of a plan. In
 215 no case shall the period for the completion of a plan exceed seven
 216 years.
- 217 (e) The requirements of this paragraph shall not apply to areas that
 218 have already completed a Regional Water Board approved salt and
 219 nutrient plan for a basin, sub-basin or other regional planning area
 220 that is functionally equivalent to section 6(b)3.
- 221 (f) The Plans may, depending upon the local situation, address
 222 constituents other than salt and nutrients that adversely affect the
 223 groundwater quality.
- 224 (2) Within one year of the receipt of a proposed salt and nutrient management
 225 plan, the Regional Water Boards shall consider for adoption revised
 226 implementation plans, consistent with Water Code section 13242, for
 227 those groundwater basins within their regions where water quality
 228 objectives for salts or nutrients are being, or are threatening to be,
 229 exceeded. The implementation plans shall be based on the salt and nutrient
 230 plans required by this Policy.
- 231 (3) Each salt and nutrient management plan shall include the following
 232 components:
- 233 (a) A basin / sub-basin wide monitoring plan that includes an
 234 appropriate network of monitoring locations. The scale of the basin

235 / sub-basin monitoring plan is dependent upon the site-specific
 236 conditions and shall be adequate to provide a reasonable, cost-
 237 effective means of determining whether the concentrations of salt,
 238 nutrients and other constituents of concern as identified in the salt
 239 and nutrient plans are consistent with applicable water quality
 240 objectives. Salts, nutrients and the constituents identified in
 241 paragraph 6(b)(1)(f) above shall be monitored. The frequency of
 242 monitoring shall be determined in the salt/nutrient management
 243 plan and approved by the Regional Board pursuant to paragraph
 244 6(b)(2) above.

245 (i) The monitoring plan must be designed to determine water
 246 quality in the basin. The plan must focus on basin water
 247 quality near water supply wells and areas proximate to
 248 large water recycling projects, particularly groundwater
 249 recharge projects. Also, monitoring locations shall, where
 250 appropriate, target groundwater and surface waters where
 251 groundwater has connectivity with adjacent surface waters.

252 (ii) The preferred approach to monitoring plan development is
 253 to collect samples from existing wells if feasible as long as
 254 the existing wells are located appropriately to determine
 255 water quality throughout the most critical areas of the
 256 basin.

257 (iii) The monitoring plan shall identify those stakeholders
 258 responsible for conducting, compiling, and reporting the
 259 monitoring data. The data shall be reported to the Regional
 260 Water Board at least every three years.

261 (b) A provision for annual monitoring of Emerging
 262 Constituents/Constituents of Emerging Concern (e.g., endocrine
 263 disrupters, personal care products or pharmaceuticals) (CECs)
 264 consistent with recommendations by CDPH and considering the
 265 recommendations of the expert panel.

266 (c) Water recycling and stormwater recharge/use goals and objectives.

267 (d) Salt and nutrient source identification, basin / sub-basin
 268 assimilative capacity and loading estimates, together with fate and
 269 transport of salts and nutrients.

270 (e) Implementation measures to manage salt and nutrient loading in
 271 the basin on a sustainable basis.

272 (f) An antidegradation analysis demonstrating that the projects
 273 included within the plan will, collectively, satisfy the requirements
 274 of Resolution 68-16.

275 (4) Nothing in this Policy shall prevent stakeholders from developing a plan
 276 that is more protective of water quality than applicable standards in the
 277 Basin Plan. No Regional Water Board, however, shall seek to modify
 278 Basin Plan objectives without full compliance with the process for such
 279 modification as established by existing law.

280 7. *Landscape Irrigation Projects*

281 a. *Control of incidental runoff.* Incidental runoff is defined as unintended small
 282 amounts (volume) of runoff from recycled water use areas, such as unintended,
 283 minimal over-spray from sprinklers that escapes the recycled water use area.
 284 Water leaving a recycled water use area is not considered incidental if it is part of
 285 the facility design, if it is due to excessive application, if it is due to intentional
 286 overflow or application, or if it is due to negligence. Incidental runoff may be
 287 regulated by waste discharge requirements or, where necessary, waste discharge
 288 requirements that serve as a National Pollutant Discharge Elimination System
 289 (NPDES) permit, including municipal separate storm water system permits, but
 290 regardless of the regulatory instrument, the project shall include, but is not limited
 291 to, the following practices:

- 292 (1) Implementation of operations and management plan that provides for
 293 detection of leaks, (for example, from broken sprinkler heads), and
 294 correction either within 72 hours of learning of the runoff, or prior to the
 295 release of 1,000 gallons,
- 296 (2) Proper design and aim of sprinkler heads,
- 297 (3) Refraining from application during precipitation events
- 298 (4) Management of any ponds such that no discharge occurs unless the
 299 discharge is a result of a 25-year, 24-hour storm event or greater, and there
 300 is prior approval for the discharge by the appropriate Executive Officer.

301

302 b. *Streamlined Permitting*

- 303 (1) The Regional Water Boards shall, absent unusual circumstances (i.e.,
 304 unique, site-specific conditions such as where recycled water is proposed
 305 to be used for irrigation over high transmissivity soils over shallow (5' or
 306 less) high quality groundwater aquifer), permit recycled water projects that
 307 meet the criteria set forth in this Policy, consistent with the provisions of
 308 this paragraph.
- 309 (2) If the Regional Water Board determines that unusual circumstances apply,
 310 the Regional Water Board shall make a finding of unusual circumstances
 311 based on substantial evidence in the record, after public notice and
 312 hearing.

- 313 (3) Projects meeting the criteria set forth below and not eligible for enrollment
314 under requirements established in a general order shall be considered for
315 adoption by the Regional Water Board within 90 days from the date on
316 which an application is deemed complete by the Regional Water Board.
317 Projects meeting the criteria set forth below and eligible for enrollment
318 under requirements established in a general order shall be enrolled by the
319 State or Regional Water Board within 60 days from the date on which an
320 application is deemed complete by the State or Regional Water Board.
- 321 (4) Landscape irrigation projects that qualify for streamlined permitting shall
322 not be required to include a project specific receiving water and
323 groundwater monitoring component unless such project specific
324 monitoring is required under the adopted salt/nutrient management plan.
325 During the interim while the salt management plan is under development,
326 a landscape irrigation project proponent can either perform project specific
327 monitoring, or actively participate in the development and implementation
328 of a salt/nutrient management plan, including basin / sub-basin
329 monitoring. Landscape irrigation projects shall include, in addition to any
330 other appropriate effluent monitoring requirements, effluent monitoring
331 for CECs on an annual basis and priority pollutants on a twice annual
332 basis.
- 333 (5) It is the intent of the State Water Board that the general permit for
334 landscape irrigation projects be consistent with the terms of this Policy.
- 335 c. *Criteria for streamlined permitting.* Irrigation projects using recycled water that
336 meet the following criteria are eligible for streamlined permitting, and, if
337 otherwise in compliance with applicable laws, shall be approved absent
338 extraordinary circumstances:
- 339 (1) Compliance with the requirements for recycled water established in Title
340 22 of the California Code of Regulations, including the requirements for
341 treatment and use area restrictions, together with any other
342 recommendations by CDPH.
- 343 (2) Application in amounts and at rates as needed for the landscape (i.e., at
344 agronomic rates and not when the soil is saturated). Each irrigation
345 project shall be subject to an operations and management plan provided to
346 the Regional Water Board that specifies the agronomic rate(s) and
347 describes a set of reasonably practicable measures to ensure compliance
348 with this requirement, which may include the development of water
349 budgets for use areas, site supervisor training, periodic inspections, tiered
350 rate structures, the use of smart controllers, or other appropriate measures.
- 351 (3) Compliance with any applicable salt and nutrient management plan.

352 (4) Appropriate use of fertilizers that takes into account the nutrient levels in
353 the recycled water. Recycled water producers shall monitor and
354 communicate to the users the nutrient levels in their recycled water.

355

356 8. *Recycled Water Groundwater Recharge Projects*

357 a. The State Water Board acknowledges that all recycled water groundwater recharge
358 projects must be reviewed and permitted on a site-specific basis, and so such
359 projects will require project-by-project review.

360 b. Approved groundwater recharge projects will meet the following criteria:

361 (1) Compliance with regulations adopted by CDPH for groundwater recharge
362 projects or, in the interim until such regulations are approved, CDPH's
363 recommendations for the project (e.g., level of treatment, retention time,
364 setback distance, source control, monitoring program, etc.).

365 (2) Implementation of a monitoring program for constituents of concern and a
366 monitoring program for CECs that is consistent with the most recent
367 recommendations available from the expert panel created pursuant to
368 paragraph 10(b) of this Policy and that takes into account site-specific
369 conditions. Groundwater recharge projects shall include effluent
370 monitoring for CECs on an annual basis and priority pollutants on a twice
371 annual basis in recycled water.

372 c. Nothing in this paragraph shall be construed to limit the authority of a Regional
373 Water Board to protect designated beneficial uses, *provided* that any proposed
374 limitations for the protection of public health may only be imposed following
375 regular consultation by the Regional Water Board with CDPH, consistent with
376 State Water Board Orders WQ 2005-0007 and 2006-0001.

377 d. Nothing in this Policy shall be construed to prevent a Regional Water Board from
378 imposing additional requirements for a proposed recharge project that has a
379 substantial adverse effect on the fate and transport of a contaminant plume or
380 changes the geochemistry of an aquifer thereby causing the dissolution of
381 constituents, such as arsenic, from the geologic formation into groundwater.

382 e. Projects that utilize reverse osmosis for surface spreading shall be permitted by a
383 Regional Water Board within one year of receipt of recommendations from
384 CDPH. Furthermore, CDPH and the Regional Board will prioritize review and
385 approval of such projects.

386 9. *Antidegradation*

387 a. The State Water Board adopted Resolution No. 68-16 as a policy statement to
388 implement the Legislature's intent that waters of the State shall be regulated to

389 achieve the highest water quality consistent with the maximum benefit to the
 390 people of the State.

391 b. Activities involving the disposal of waste that could impact high quality waters
 392 are required to implement best practicable treatment or control of the discharge
 393 necessary to ensure that pollution or nuisance will not occur, and the highest
 394 water quality consistent with the maximum benefit to the people of the State will
 395 be maintained.

396 c. Groundwater recharge with recycled water for later extraction and use in
 397 accordance with this Policy and state and federal water quality law is to the
 398 benefit of the people of the state of California. Nonetheless, the State Water
 399 Board finds that groundwater recharge projects using recycled water have the
 400 potential to lower water quality within a basin. The proponent of a groundwater
 401 recharge project must demonstrate compliance with Resolution No. 68-16. Until
 402 such time as a salt/nutrient management plan is in effect, such compliance may be
 403 demonstrated as follows:

404 (1) A project that utilizes less than 10 % of the available assimilative capacity
 405 in a basin / sub-basin (or multiple projects utilizing less than 20% of the
 406 available assimilative capacity in a basin / sub-basin) need only conduct
 407 an antidegradation analysis verifying the use of the assimilative capacity.
 408 For those basins / sub-basins where the Regional Water Boards have not
 409 determined the baseline assimilative capacity, the baseline assimilative
 410 capacity shall be calculated by the initial project proponent, with review
 411 and approval by the Regional Water Board, until such time as the salt /
 412 nutrient plan is approved by the Regional Water Board and is in effect.
 413 For compliance with this subparagraph, the available assimilative capacity
 414 shall be calculated by comparing the mineral water quality objective with
 415 the average concentration of the basin / sub-basin over the most recent five
 416 years of data available. In determining whether the available assimilative
 417 capacity will be exceeded by the project or projects, the Regional Water
 418 Board shall calculate the impacts of the project or projects over a ten year
 419 time frame.

420 (2) In the event a project or multiple projects utilize more than the fraction of
 421 the assimilative capacity designated in subparagraph (1), then a Regional
 422 Water Board-deemed acceptable antidegradation analysis shall be
 423 performed to comply with Resolution 68-16. The project proponent shall
 424 provide sufficient information for the Regional Water Board to make this
 425 determination. An example of an approved method is the method used by
 426 the State Water Board in connection with Resolution No. 2004-0060 and
 427 the Regional Water Board in connection with Resolution No. R8-2004-
 428 0001. An integrated approach (using surface water, groundwater, recycled
 429 water, stormwater, pollution prevention, water conservation, etc.) to the
 430 implementation of Resolution 68-16 is encouraged.

431 d. Landscape irrigation with recycled water in accordance with this Policy is to the
 432 benefit of the people of the state of California. Nonetheless, the State Water
 433 Board finds that the use of water for irrigation may, regardless of its source,
 434 collectively affect groundwater quality over time. The State Water Board intends
 435 to address these impacts in part through the development of salt/nutrient
 436 management plans described in paragraph 6 above.

437 (1) A project that meets the criteria for a streamlined irrigation permit and is
 438 within a basin where a salt/nutrient management plan satisfying the
 439 provisions of paragraph 6(b) above is in place may be approved without
 440 further antidegradation analysis, provided that the project is consistent
 441 with that plan.

442 (2) A project that meets the criteria for a streamlined irrigation permit and is
 443 within a basin where a salt/nutrient management satisfying the provisions
 444 of paragraph 6(b) above is being prepared may be approved by the
 445 Regional Water Board by demonstrating through a salt / nutrient mass
 446 balance or similar analysis that the project uses less than 10% of the
 447 available assimilative capacity as estimated by the project proponent in a
 448 basin / sub-basin (or multiple projects using less than 20% of the available
 449 assimilative capacity as estimated by the project proponent in a
 450 groundwater basin).

451 10. *Emerging Constituents/Chemicals of Emerging Concern*

452 a. *General Provisions*

453 (1) Regulatory requirements for recycled water shall be based on the best
 454 available peer-reviewed science. In addition, all uses of recycled water
 455 must meet conditions set by CDPH.

456 (2) Knowledge of risks will change over time and recycled water projects
 457 must meet applicable criteria. However, when standards change, projects
 458 should be allowed time to comply through a compliance schedule.

459 (3) The state of knowledge regarding CECs is incomplete. There needs to be
 460 additional research and development of analytical methods and surrogates
 461 to determine potential environmental and public health impacts. Agencies
 462 should minimize the likelihood of CECs impacting human health and the
 463 environment by means of source control and/or pollution prevention
 464 programs.

465 (4) Regulating most CECs will require significant work to develop test
 466 methods and more specific determinations as to how and at what level
 467 CECs impact public health or our environment.

508 priority funding for projects that have major recycling components; particularly those that
509 decrease demand on potable water supplies. The State Water Board will also request
510 priority funding for stormwater recharge projects that augment local water supplies. The
511 State Water Board shall promote the use of the SRF for water purveyor, stormwater
512 agencies and water recyclers to use for water reuse and stormwater use and recharge
513 projects.

514 b. *Stormwater*

515 The State Water Board strongly encourages all water purveyors to provide
516 financial incentives for water recycling and stormwater recharge and reuse projects. The
517 State Water Board also encourages the Regional Water Boards to require less stringent
518 monitoring and regulatory requirements for stormwater treatment and use projects than
519 for projects involving untreated stormwater discharges.

520 c. TMDLs

521 Water recycling reduces mass loadings from POTWs to impaired waters. As such
522 waste, load allocations shall be assigned as appropriate by the Regional Water Boards in
523 a manner that provides an incentive for greater water recycling.

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