

2022 PUBLIC WATER SYSTEM REPORT ON PUBLIC HEALTH GOALS

Water Operations

Water Committee June 8, 2022

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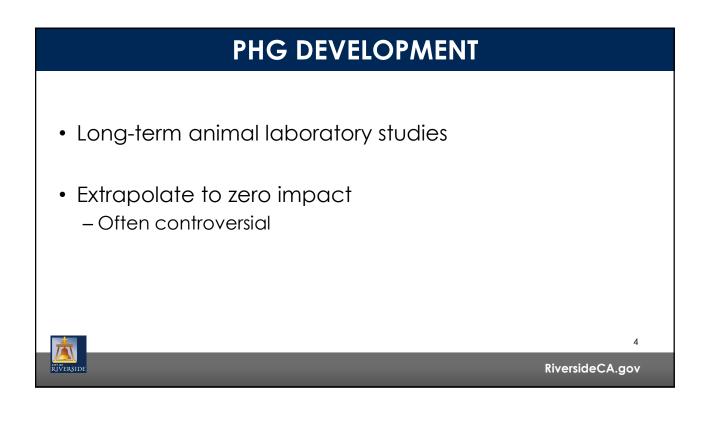
BACKGROUND

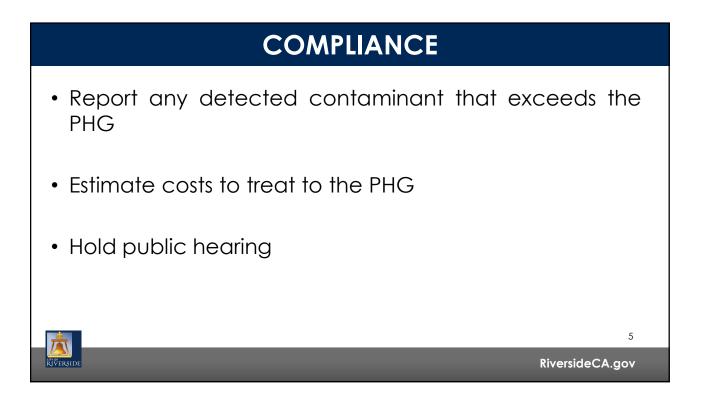
 California Health & Safety Code Sections 116470 (b)-(f) require public water systems serving over 10,000 service connections that exceed one or more Public Health Goals (PHG) to prepare and present a report every three years.

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PHG VS. MCL	
 Public Health Goal Theoretical level (perfect world) Unenforceable 	
 Maximum Contaminant Level (MCL) Enforceable Balances cost vs. Risk 	
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<section-header> Perchlorate Perchlorate None exceedd MCL

TREATMENT COST ESTIMATES				
	Constituent Arsenic	Cost per Customer per Year \$860		
	Gross Alpha & Radium 228	\$760- \$3,023		
	Perchlorate Uranium	\$480 \$860		
 Treatment method was determined by using the best available treatment technology as determined by the DDW. Treatment costs provided by the Association of California Water Agencies. 				
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CONCLUSIONS

- Drinking water in compliance with MCL expose customers to a small level of risk
- Meeting PHG is expensive
- No large public water system is expected to meet all PHGs and MCLGs

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RECOMMENDATIONS

That the Water Committee receive and file a presentation on the public water system report on Public Health Goals (PHG) as required under California Health and Safety Code Section 116470(c).



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