

**LA River Bacteria TMDL – “First Right Things to Do”
Potential Phase I Detailed Implementation Plan steps.
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Underlying Phase I Priorities suggest implementation of measures that:

- (1) address dry weather runoff;
- (2) reduce human pathogen source inputs to LAR;
- (2) focus only on one or two specific reach(s) (Reach 2, possibly Reach 4?);
- (3) are cost-effective; and
- (4) have multi-purpose benefits (conservation and reuse) wherever possible.

Source Category	Potential System-wide Actions	Implementing Party	Specific Mainstem LA River Actions	Tributary Actions	Implementing Party	Special Studies
Municipal Runoff	<ul style="list-style-type: none"> • Increased and/or additional educational programs targeted at specific bacteria sources • Updated ordinances or increased enforcement • Increased water rates/other water conservation strategies (e.g. irrigation controllers) to reduce dry weather runoff • Increased/modified public works activities (e.g. street sweeping, drainage system cleaning) – consider system wide or targeted in high priority watersheds. • Begin developing strategy for increasing LID implementation in New Development and Redevelopment and retrofit opportunities 	<ul style="list-style-type: none"> • MS4 programs • MS4 programs • Water retailers with support from MS4s • MS4 programs • MS4 programs 	<ul style="list-style-type: none"> • Consider selective targeting of system-wide actions for high priority subwatersheds where some linkage to sources suggested by monitoring • Develop and periodically update prioritized list of outfalls • Identify initial list of commitments to outfalls targeted for Phase I to achieve load reduction goal • For each outfall, develop a “strategic plan” that may include: source tracking or subwatershed isolation; characterization, quantification of dry weather flow; and feasibility analysis of most effective remediation project (diversion, source reduction/infiltration, reuse) • Initiate detailed planning, design and construction of each selected outfall remediation project(s) • Periodically update priority list as projects are complete 	<ul style="list-style-type: none"> • Not targeted in Phase I. However any new or refined system-wide measures would potentially have minor benefit to tributaries. 	<ul style="list-style-type: none"> • MS4 programs • MS4 programs • MS4 programs • MS4 programs • MS4 programs • MS4 programs 	<ul style="list-style-type: none"> • To be Completed

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Source Category	Potential System-wide Actions	Implementing Party	Specific Mainstem LA River Actions	Tributary Actions	Implementing Party	Special Studies
SSOs	<ul style="list-style-type: none"> Conduct targeted system inspections based on monitoring data (traditional indicators or MST techniques) Coordinate with sanitary sewer management compliance activities 	<ul style="list-style-type: none"> MS4 programs and wastewater collection system entities MS4 programs and wastewater collection system entities 	<ul style="list-style-type: none"> Focus storm drain system efforts on problematic/high priority outfalls and the upstream subwatersheds 	<ul style="list-style-type: none"> Not focus of Phase I unless significant SSO activity is identified from sanitary sewer management compliance activities 	<ul style="list-style-type: none"> MS4 programs and wastewater collection system entities 	<ul style="list-style-type: none"> To be completed
On-Site Sewage Disposal	<ul style="list-style-type: none"> Coordinate OWTS data with high priority outfalls 	<ul style="list-style-type: none"> MS4 programs and City/County Health Depts. 	<ul style="list-style-type: none"> If data suggest higher concentration of OWTS’s near river/tributary corridor with in stream bacteria exceedances conduct follow-up activities with responsible entity 	<ul style="list-style-type: none"> Generally not focus of Phase I 	<ul style="list-style-type: none"> MS4 programs and City/County Health Depts. 	<ul style="list-style-type: none"> To be completed
Homeless	<ul style="list-style-type: none"> Develop coordinated program in conjunction with other municipal departments and jurisdiction that combines education, enforcement and alternatives (shelters, bathrooms, etc) 	<ul style="list-style-type: none"> MS4s including stormwater program, law enforcement 	<ul style="list-style-type: none"> Target efforts particularly near high priority drains 	<ul style="list-style-type: none"> Generally not focus of Phase I 	<ul style="list-style-type: none"> MS4s including stormwater program, law enforcement 	<ul style="list-style-type: none"> To be completed