

DRAFT MASTER LIST

Ideas for Future One Water LA Policies

No.	Policy Lead Department/ Agency	Support	Draft Policy Ideas	Source	Ideas Shared	Notes/Comments	Stakeholder Workshop Feedback 12/13/2016	Stakeholder Workshop Feedback 12/13/2016
Water Conservation & Graywater							Clarification Comments	New Ideas (Similar Topic)
1	DBS	LASAN, LADWP	Expand conservation retrofit on resale including showers and toilets for Commercial/Industrial.	LASAN	When a commercial building is sold, the new toilet fixtures need to convert to low flow.		1. Expand retrofit upon resale to redevelopment 2. Add urinals 3. Follow City of Davis Model 4. Include LID (retrofit approach hot regulatory)	
2	BSS	LASAN, DCP	Trees- Update the Street Tree Selection Guide (to favor climate change resistant trees) and incorporate in Re:Code LA, Mitigation Measures Update and Community Plans.	LASAN, STG- Stormwater	Urban Forest incentives: Carefully selected tree list so only drought tolerant, heat and pest resistant trees that can capture stormwater		1. Sidewalk settlement, removing trees - leverage different funds 2. Clarify capture runoff in public spaces for percolation 3. Tree selection guide only include native species, no non-invasive 4. Include LID (retrofit approach hot regulatory)	
3	LADOT	LASAN, LADWP	Expand water-efficient irrigation practices for all facilities maintained by LADOT (e.g. Los Angeles River Bike Path).	Steering Committee (LADOT)			1. Follow watershed approach - most efficient water irrigation, look at day time irrigation as last measure (1st capture rain)	
4	BSS	LASAN (RAD)	Create a treebate incentive- work with the air quality and regulatory bodies as potential funding sources.	Stormwater STG	Create a Treebate Incentive- consider combining with Green Streets Plan	Top Recomm. from STG	1. Location and siting of trees for energy savings	
5	LADBS	LASAN	Establish a mechanism to track graywater system installations throughout the city. Consider potential impacts of graywater systems on water supply needs.	Decentralized STG, Steering Committee	LHF #40: LADBS shall evaluate tracking the installation of existing and future graywater systems where feasible. Tracking will be for laundry-to-landscape and simple systems. (NOTE: Complex systems currently registered by LADBS). Calculate impact on recycled water flows; Evaluate water conservation behavior; Determine if any solids loading impact at treatment plants; consider incentive for self-reporting tracking(STG).		1. BMPs reduced sewer fees (incentives). Wary about "inspection" - look AZ policy 2. Include rainwater harvesting. Look at Santa Monica net zero for development 3. Change graywater onsite Accommodate onsite facilities (general comment) - do not constrain while protecting/balancing impacts (ex. Financial)	1. Prioritize rainwater use first for landscape use with graywater as a preferred supplemental source. Consider potential conflicts between expanded graywater use and future IPR/DPR programs. 2. Address concern of the accumulation of salts in soil from graywater, which has a negative effect soil biology and plants. Education on proper detergent use is needed.
6			Signage would be helpful for areas irrigated with graywater. There is a need for graywater signage and inspection.	Decentralized STG	Education needs to be continued upon a home ownership transaction.		1. Consistent signage for recycled water and graywater - careful messaging 2. Use recycled materials for signage	
7	DBS	LASAN	Consider revising Graywater standards to include eco-roof irrigation requirement.	Stormwater STG	Revise graywater standards to make eco-roofs viable			
New Ideas (Group 3)								New Ideas (GROUP 3)
				Stakeholder WS #5				3 policies missing: - Distributed graywater plans - Commercial scale composting toilets (on page 12) - Septic system retrofit missing into blackwater systems (instead of connect sewer)
				Stakeholder WS #5				1. There is no pilot program recommendation for graywater. Encourage safe operation to keep trees alive (peer review analysis and incentivize)
				Stakeholder WS #5				Public education, water budget is key. LASAN provides these services
				Stakeholder WS #5				Recycled water conservation
				Stakeholder WS #5				In general: highest/best use (look at all water as resource and then what is highest us) look at over-arching policy
Stormwater and Urban Runoff - Preventive Stormwater Quality Improvement Measures							Clarification Comments	New Ideas (Similar Topic)
8	LADWP, LASAN	All City Dept.	Develop an ordinance to require drainage water from swimming pools to be discharged into the sewer (versus storm drain or street).	LASAN			1) Will this effect the sewer service charge? 2) Explain the mechanism to enact this ordinance. How will people connect, report? 3) Require a no-cost permit for pool discharge so you can quantify water.	Include other large dischargers
9	Public Works		Conduct inventory and install street parking signage as needed to allow street sweeping throughout the City	Project Workshop			1) Expand street sweeping through signage requirements. 2) Account for seasonal impact and level of use to prioritize areas that really need sweeping versus blanket signage.	
10	Public Works		Conduct inventory and install more trash bins as needed to prevent trash pollution entering City stormdrains and waterbodies.	Project Workshop			1) Address bulk trash items in policy, 2) Include sustained trash bin maintenance.	1) Expand composting and recycling bin programs. 2) More education on BMPs regarding source control.
11	LASAN	Public Works	Develop an ordinance (or rebate program) regulating types of lawn fertilizers to prevent nutrient pollution entering City stormdrains.	Project Workshop			1) Include best practices for fertilizer application methods in ordinance/rebate. 2) Promote organic lawn care education. 3) Recognize and promote environmentally friendly products.	
Promote Integrated Planning & Design							Clarification Comments	New Ideas (Similar Topic)
12	BOE, LAFD	LASAN	Create simplified standard plans for permeable pavement. Work with fire department to approve permeable pavement standards.	LASAN		Refer to BOE Standard Plans S-400 (with no approved pavers as of yet)	1) Consider combining with policy 19. 2) Consolidate policy list where possible. 3) Consider consolidating with policy 19.	Apply Watershed Approach Ordinance principles when developing policies 12,15,19 and 23.
13	LASAN		Consider overall impacts of upstream BMP installation on needs for larger downstream BMPs over time.	LASAN, Funding STG	Concern on overbuilding infrastructure, the public should not pay for something that may not be needed in the future (e.g. dry weather capital projects)			Distribute BMPs through entire watershed top to bottom
14			Address policy, permit process and current standard plan requirements to remove barriers and simplify process for installing parkway swales and other stormwater BMPs.	Stormwater STG Project Workshop, LASAN	1) Remove barriers to those who want to install parkway swales (STG). 2) A lack of easy to follow standards and guidelines is a barrier to decentralized BMP implementation (PW). 3) Reexamine requirements that impede decentralized stormwater implementation including downspout redirect distance requirement.		1) Ensure that policy addresses design needs of different types of properties 2) include curb cuts 3) Manage cost of permit so affordable for those who want to implement 4) Untangle regulations on rainwater harvesting.	Make sure lessons learned from project design and implementation are shared and carried forward in future designs.
15	All City Dept.	LASAN	Maximize use of City owned property for Stormwater capture retrofits.	Steering Committee	Parcel Utilization: City property that easily allows for Stormwater Infiltration.		Please make sure that single family homes are not lost as opportunity if prioritizing City-owned.	Make sure that LID requirements are also required for City owned properties
16	All City Dept.	LASAN	Create standardized agreements to ensure maintenance of collaborative Stormwater projects.	Steering Committee, LA Basin Study	Work with RAP, LAUSD, and other large landholders to ensure maintenance and optimization for stormwater projects (SC). Streamline requirements for maintenance of existing infrastructure (LA Basin).			1) Create training and certification program for BMP Implementation 2) Create a program that will allow the City to maintain improvements and BMPs constructed by smaller organizations.
17			Make groundwater recharge at publicly owned sites a priority and/or detain water for reuse in irrigation, while maintaining water quality	Steering Committee (HSR)				
18			Evaluate the feasibility of incorporating curb-cuts and tree water wells to public right-of way tree planting projects.	Various			Change policy to: "incorporate curb-cuts where feasible" rather than "evaluate the feasibility"	
19	BOE	LASAN, BSS	Create simplified standard plans for multiple distributed green infrastructure BMPs in the public right of way.	LASAN	This includes: infiltrative BMPs such as dry-wells with varying infiltration capacities, BMPs for sloped areas such as terraced systems, BMPs for areas where infiltration is not an option, such as capture/reuse cisterns, specific standards for certain appurtenances such as medians and roundabouts, and retro-fitting features such as tree well trenches.			Develop policy that creates a standard for landscaping of existing properties that is in compliance with EWMP Goals
20	LASAN	All City Depts.	Assure that water quality benefits are considered a critical implementation criteria for Green Street Projects.	LASAN		WPD	1) Add water supply to considerations (multiple people suggested) 2) Make sure there are no conflicts between Policy 20 and 21.	
21			Maximize water supply opportunities in EWMP implementation	LA Basin Study	Utilizing EWMPs for dual-purpose of water conservation			
22			Explore a good samaritan clause to provide liability protection for groundwater contamination	Steering Committee (LAUSD), SCMP				
23			Develop additional design guidance for on-site infiltration and direct use projects	SCMP			Capture at least first-flush even on sites that don't have recharge capacity	Don't limit capture policies based solely on infiltration rates. Factor in soil absorption capacity in designs
24	DCP	LADWP, LASAN	Assure Re:Code LA, Mitigation Measures, and Community Plans updates encourage and include Stormwater Capture, Water Conservation and Recycled Water Use.	Stormwater STG Steering Committee	Increase City requirements for stormwater capture using re:Code LA. Assure the Re:Code and Community Plans updates encourage and include Stormwater Capture, Water Conservation and Recycled Water Use	Top Recomm. from STG		
25			Create a city-wide database to identify collaborative opportunities.	Funding STG Steering Committee SCMP GRASS	1. Identify CIPs for related agency projects, consider ways to leverage programs, and create incentives to do so. 2. Facilitate agencies in identifying collaborative opportunities including combining projects, adding additional water related elements, and other leveraging opportunities. Gas companies and other utilities with projects in the public right-of-way need to be included in this process. Minimize neighborhood disruption by coordinating major projects. Monitor scheduled projects of other agencies to identify opportunities to accelerate projects or shift priorities among projects to take advantage of favorable conditions created by others. Monitoring the scheduled and proposed projects of other agencies that are relevant to the GRASS II vision can help accelerate implementation of the stormwater greenways (SWG).			Collaboration - We need more policies and programs that break down silos and facilitate cooperation and collaboration. 1) Make sure LAUSD is included in Stormwater Management Programs. 2) Prioritize County Involvement
26			Maximize opportunities to incorporate integrated water management strategies (Green Infrastructure) into emerging opportunities including City of LA sidewalk repair program, Measure A and Measure M projects.	Project Workshop, Advisory Group				
27			Consider longer planning horizon so that project portfolios can be considered over multiple lifecycles.	Project Workshop	Minimize cost by leverage existing infrastructure. Look at very long-term. 200 years from now. Existing infrastructure will not be here. Challenge is how to balance multiple lifecycles with how we save money today.			
28			Investigate the development of a stormwater capture retrofit ordinance that would require stormwater capture projects to be installed in homes upon resale	SCMP			Include for major redevelopment, not just resale. Include a requirement that new owners need to keep the BMPs (along with subsequent owners).	
New Ideas (Group 1)								New Ideas (Group 1)
				Stakeholder WS #5				Implement water policies that limit growth and encourage what growth there is to be integrated into existing infrastructure
				Stakeholder WS #5				Include Stream protection policies
				Stakeholder WS #5				Have more public restrooms in heavy foot traffic areas.
				Stakeholder WS #5				Develop overarching City policy that compels the city to comply with all MS4 and TMDL regulatory requirements and embed in city practices.
				Stakeholder WS #5				Distributed versus Centralized: 1) Balance activities from distributed and regional projects to create an optimal suite of practices. 2) Establish a loading order to equalize assessment of distributed projects versus other types of projects.

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				Stakeholder WS #5				LID: 1) Update and strengthen LID program and enforcement. 2) Have transitional voluntary LID implementation (retrofit?)
				Stakeholder WS #5			Additional comments from Scotty - A Los Angeles River with 50mgd of WRP effluent, rising groundwater, etc. can mitigate against the impact of 10mgd of incidental urban runoff much better than a Los Angeles River with say 30mgd of WRP effluent, rising groundwater, etc. A Los Angeles River with reduced flows would also have to have reduced TMDLs. City should reiterate LAGWRP and Tillman flow commitments in policy. This has created a lot of uncertainty in what the River will look like in time to come. Many groups seem to assume that the City can be extraordinarily flexible with these flow commitments.	Balance push for significantly reduced flows in the Los Angeles River and the goal of native habitat sensitivity with TMDL impacts. Policy of reduced dry-season flows in the LA River should consider the impact on TMDLs.
				Stakeholder WS #5				Develop a policy that standardizes greywater and rainwater capture and permitting.
				Stakeholder WS #5				Reassess liquifaction zones to maximize capture opportunities.
				Stakeholder WS #5				Source Control - Address cleaning of painting and stucco equipment. Include multi-lingual public education program. Increase safe centers and make them a one-stop site that includes compost, etc.
								Create policy to minimize laws
Improve Collaboration & Streamline Implementation							Clarification Comments	New Ideas (Similar Topic)
29	LASAN		Streamline process for tracking and enforcing dewatering operations.	LASAN, Stakeholder Workshop #4				
30			Provide varied technical assistance that matches different property owners.	Coalition for our Water Future-whitepaper	For example, homeowners modifying their parkway will need very different support than owners of shopping centers.		1. Sentence doesn't read clearly. 2. City of Santa Monica Landscape Coaching Program - have a tracking sheet for pre/post value.	Include education for preventing runoff from management companies and industrial users.
31			Dedicate a water resource allocation to establish and maintain green infrastructure	Steering Committee (LASAN-WPD)			Policy idea is vague	
32	All City Dept.		Create a vehicle that allows shared operation and maintenance duties between public/private entities for stormwater BMPs.	Stormwater STG		Top Recommendation from STG	Add multiple public entities.	
33	LASAN,		Create a process to expedite approval of projects that help meet the Sustainability pLAN and One Water LA's goals.	Steering Committee (LADOT, RAP), Stormwater STG, SCMP	Background:LAWA has an agreement with LADWP to extend recycled water lines to their area to help reduce potable water use for irrigation. LAWA mentioned that the approval process is their biggest challenge since they need support from various departments for approvals (Steering). Collaborate with all agencies that have permitting authority to streamline permitting of stormwater capture projects (SCMP).	BuildLA; LHF #42; Top Recomm. for SW STG	1. Also include EWMP goals and other related efforts. 2. Develop projects? Council approval?	Expedited (subject to environmental laws)
				Partnerships STG	Improve the process for partnerships between City Departments so that the decision making process for approving projects is decided by all Departments (in one room) at the same time and not serially.			
34	LASAN, DCP, DBS		Streamline process, and coordinate timing of approvals for builders implementing LID and Green Building requirements.	Small business community, developers			What is the expectation for streamlining the process? Response: For training and to see expedited projects.	1. Have better staff training for the counter. 2. Expedited (subject to environmental laws).
35	LASAN		Identify process or entity to manage all Green Streets efforts within the City.	Living Streets; Stormwater STG, Project Workshop	Include Complete Streets, Green Streets, Great Streets, Cool Streets, People Streets, Green Alleys, Living Streets. Identify process that pulls all programs together (green streets, complete streets, pedestrian streets, living streets, safe routes for school, and vision zero).		1. Expand to ALL street programs. 2. Expand suite of green streets for the City. 3. What aspects of Green Streets for Management? (e.g. design/O & M/Site Selection, etc) 4. Same policy was suggested in Group #4.	Link to the Mobility Plan and add policy initiatives (LADOT). Make co benefit approach for all agencies.
				Steering Committee	Co-create a checklist to allow City and Regional Projects to match Green Streets, Complete Streets, Great Streets goals			
36			Create an institutionalized framework for continued collaboration.	Living Streets, Steering Committee	1. Create a Living Streets framework/process to identify prospective multijurisdictional projects, that include: Green Streets Committee, Great Streets, Strategic Transportation Coordinating Committee, or the Department of City Planning's Grants Committee. 2. Use a Living Streets checklist for multibenefit projects to use as a tool to assess which goals could be met as identified in the City's Sustainable City pLAN, Mobility Plan 2035, Enhanced Watershed Management Plans and others (LS). Co-create a checklist for integrated projects (SC).		1. Policy idea is vague. Make more specific. 2. Add continued collaboration for Green Streets	
37			Create a Regional Cabinet (modeled after the Mayor's Water Cabinet) to include agencies such as METRO, LACSD, etc.	Steering Committee, GRASS, Partnerships STG	A designated Los Angeles County water management committee could coordinate with the numerous municipalities.		Involve the County Chief Sustainability Officer.	
38			Define metrics to help measure progress of One Water LA Plan Implementation.	Outreach STG, Stormwater STG	Suggested metrics - value increases with green infrastructure/ landscaping / sustainability improvements			Add program for assessment and monitoring (independent review)
39			Explore Joint Power Authorities' (JPA) that create a governance structure that help streamline project implementation.	SCMP	1) JPA models could offer joint financing and clearer delineation of financial obligations and revenue sharing. 2) Explore the possibility of forming a governance structure to oversee projects (Ex. LASAN will oversee MS4 compliance, LAFCD will oversee flood control and recharge facilities)	SCMP pg. 96, 97	1. Add joint financing 2. How does it connect to the Stormwater Capture Master Plan? JPA may not be a good fit.	
40			Streamline permitting process to allow for implementation of commercial scale composting toilets	Project Workshop			1. Suggested in Group 4 as a new idea	Add graywater
Stormwater and Urban Runoff - Incentive Programs							Clarification Comments	New Ideas (Similar Topic)
41	DCP	LASAN	Explore development of Bonus for increased Floor to Area Ratio for new development projects that go beyond LID requirements.	Stormwater STG	Consider treating neighborhood Stormwater to receive bonus Floor to area ratio		1. Consider sunset provision. 2. Are we talking about threshold of expanded footprint?	Consider environmental impact (especially for water).
					Consider a bonus for building a park on an adjacent property (Concern that extra area may create higher water demands. Particular details needed to ensure extra green space is created)			
42	LASAN		Create credit opportunities for those who capture more than what is required in the regulations. Offer waivers or reduction in potential fees for homes with zero runoff.	Steering Committee, Stakeholder Workshop (world café), Funding STG, Coalition for our Water Future, SCMP	1) Any new stormwater fee or tax should be based on the principle that properties pay a fee according to their relative impact on stormwater runoff volumes and quality, 2) Criteria for granting credits and incentives should be simple enough for property owners to evaluate and decide if they should apply, 3) Incentives should apply to both onsite and regional Stormwater Management Practices (CFOWF). On-bill credits to property owners for measurable infiltration increases; One-time grants/rebates of the present value of infiltrated water (SCMP).	SCMP pg. 102	Make it available for other Agencies.	
43			Evaluate the feasibility of developing a Stormwater Fee Discount or credit program for property retrofits (include schools, industrial, commercial, etc.).	Stormwater STG (top recomm.), Funding STGs		Top Recommendation from STG	Does the City impose stormwater fees?	
44	LASAN		Create a special credit program for schools that could include credit for stormwater educational programs and water efficiency upgrades.	Stormwater STG, Coalition of our Water Future-whitepaper	Create Pervious Pavement Rebate and School Upgrade Incentives. (Stormwater STG) Credits could include fee waivers in exchange for long-term rights to construct capture and infiltration or capture and use projects under playgrounds and sports fields (CFOWF).		1. Make it available for other Agencies. 2. Stormwater educational programs should meet standards for Science Education. 3. What kind of credit?	1. Schools don't have money. Allowing credits for schools can make or break stormwater fee. 2. Collaborate with LAUSD on greening effort. 3. Concerned with Charter Schools.
45			Create a rebate program for private parking lot retrofits for stormwater recapture/infiltration improvements. Consider new development/redevelopment requirements.	Stormwater STG	Promote non-asphalt covers, such as implemented by Watsonville, CA.		Have a tiered Incentive Program for rebates for everybody (including residential).	
46			Evaluate most effective method to subsidize stormwater capture retrofits on private, commercial and industrial properties (STG).	Stormwater STG (top recomm.), Project Workshop	1) Incentives for commercial/industrial distributed stormwater capture. Increased engagement of Industrial Community. 2) Consider program that encourages neighbors to self-organize to trigger enhanced group incentive (PW). 3) Explore how to incorporate into Green Business Certification Program.	Top Recommendation from STG	1. Look at catchment area and water quality benefit. 2. Look at different catchment areas within the region.	
47			Create a "Percent for Green" fund that supports construction of Green Street facilities. Dedicate a minimum percent for green infrastructure Community Grant Project.	Stormwater STG	One percent for green (Portland)	Top Recommendation from STG	Prioritization for all projects (based on highest & best use). Develop a science-based framework for evaluating projects.	
48			Create a credit retention program that allows properties to generate Stormwater Retention Credits (SRCs) for voluntary implementation of green infrastructure that reduces stormwater runoff.	Stormwater STG	Create a retention credit program (model after Washington). Owners can trade their SRCs in an open market to others who use them to meet regulatory requirements for retaining stormwater. Initiate Stormwater Trading Credit System - Cap & Trade.	Top Recommendation from STG		
49	LADWP		Modify current Turf Removal Program to include stormwater capture (underway). Create an incentive for rain garden installation.	Stormwater STG, Stakeholder Workshop	Incentive and rebate for rain garden installation instead of simple turf removal -Include living soil, rainwater retention, climate appropriate plants, high efficiency supplemental irrigation as needed.	Top Recommendation from STG	1. Incentive could be getting 2 rain gardens for free. 2. Seattle method - Roof area into Best Management Practice versus landscape.	
50			Create an impervious buy-back program.	Stormwater STG		Top Recommendation from STG	Provide more detail on what we mean by impervious (e.g. driveways, parking lots, etc)	
51			Create a yard signage and other property owner recognition programs.	Stormwater STG (top recomm.), Steering Committee (LA River Works)	Encourage "Riverly" development by highlighting public and private sector best practices (SC).	Top Recommendation from STG		
52			Create a business acknowledgement program for sustainable practices	Stormwater STG		Top Recommendation from STG	Will One Water LA create by itself? Who will be the entity to develop?	
53			Create an incentive for residential cisterns.	Stormwater STG	Explore incentive program for residential cisterns	Top Recommendation from STG	1. Increase the dollar amount to create more incentive. 2. Health impacts? 3. Revisit specifics to the Program.	1. Add graywater for residential, commercial & educational. 2. Melanie: develop a volumetric incentive for tanks & cisterns.
54			Consider modifications to tiered-pricing structure to incentivize water conservation and stormwater capture.	Stormwater STG	Tier-priced water bills - SHOULD BE MOVED TO STORMWATER CAPTURE		How will tiered pricing work?	
New Ideas (Group 2)								New Ideas (Group 2)
				Stakeholder WS #5				All Agencies should share a CIP. Review recommendation in Coalition for our Water Future Report
				Stakeholder WS #5				Increase education on how to capture stormwater onsite.
				Stakeholder WS #5				For industrial companies that have onsite systems - send industrial stormwater to the sewer.
				Stakeholder WS #5				Do subregional projects. Have incentives for large landowners that go beyond LID requirements.

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				Stakeholder WS #5				Collaboration for state projects for stormwater capture
				Stakeholder WS #5				Include Neighborhood Councils to help promote incentive programs.
				Stakeholder WS #5				Incentivize agencies to install and maintain linear right-of-way for stormwater capture.
				Stakeholder WS #5				Work with regulatory agencies to integrate the stormwater and wastewater collection system (Hybrid MS4)
				Stakeholder WS #5				Implement smart systems.
				Stakeholder WS #5				Make sure jurisdictions collaborate so that the most efficient projects are promoted (Centralized Authority - Water Caar).
				Stakeholder WS #5				Expand Credit Programs - Integrate with existing building ordinance.
				Stakeholder WS #5				Modify Maintenance Agreement for Adopt a Median Program to allow landscape businesses and NGOs to more easily participate.
				Stakeholder WS #5				Identify a Funding Source for Incentive Programs
				Stakeholder WS #5				There is nothing addressing population growth ("smarth growth"). We need to preserve open space, limit growth and hold water demand.
				Stakeholder WS #5				Conduct a cost benefit analysis and consider benefit-based funding.
				Stakeholder WS #5				Create high and best use prioritization list (e.g. stormwater for recharge versus graywater)
				Stakeholder WS #5				Universities should evaluate BMPs, impacts of different soils, and guide selection process. Expand or revise the ASCE database.
				Stakeholder WS #5				Are there any policies focused on aquifers and groundwater in regards to cleaning and maintenance? There needs to be a policy on accountability.
				Stakeholder WS #5				Consider Feed in Tariff as suggested in LA Basin Stormwater Conservation Study.
				Stakeholder WS #5				Update State liquefaction zones.
				Stakeholder WS #5				Conduct research on soil infiltration rates.
				Stakeholder WS #5				Change on building codes for drainage on private property.
				Stakeholder WS #5				Develop residential parkway landscape guidelines.
				Stakeholder WS #5				Outreach for implementing policies
				Stakeholder WS #5				Limit development based on available water supply - density is not equal to building mass.
				Stakeholder WS #5				Provide credit for past performance (conservation and stormwater capture)
				Stakeholder WS #5				Training for contractors - Work with LA Trade Tech for implementation of swales, cisterns, etc.
				Stakeholder WS #5				Collaborate with Caltrans for Urban Runoff Green Streets.
				Stakeholder WS #5				Teach value of living soil for engineered soils.
				Stakeholder WS #5				Water budgeting for nature (e.g. stream flows, creeks, etc)
				Stakeholder WS #5				Question not related to specific Policy: How do Non-Profits have a connection with the Water Cabinet?
Funding & Partnerships							Clarification Comments	New Ideas (Similar Topic)
55	LASAN	METRO	Work with METRO to help include stormwater capture and green infrastructure in their grant program.	Stormwater STG	Metro grant program to include stormwater capture and green infrastructure.	Top Recommendation from STG; LHF #45	1. Clarify what grant program 2. Metro has their own sustainability program. Need to collaborate with METRO to help them have more definitive standards for stormwater capture. 3. Include in funding criteria: incentivize green infrastructure as part of their criteria	1. Include their larger projects (in ROW) not just their grants program 2. Prioritize local measure M funds for local roadway projects to include stormwater capture and stormwater management 2. Work with METRO's "extraordinary innovation" group.
56			Determine the best process for the City to manage a comprehensive and coordinated approach to seeking and managing grant funding opportunities.	Living Streets, Steering Committee	There remains a need for an entity to assume responsibility for taking a comprehensive approach to seeking funding opportunities (LS).		1. add: implement.	
57			Create a program to evaluate and facilitate public-private partnerships.	Funding STG (top recomm.), Partnerships STG, Advisory Group, SCMP	1) Do more to incentivize behavior to create financial partnerships with investors and private companies for capital projects; Develop incentives for leveraging private sector funds; Incentives need to be cost effective (Funding STG). 2)Public-private partnerships could allow LADWP to rely heavily on the private sector's expertise in executing complex project development (SCMP). 3) SCMP encourages the development of a public process for how developers can be rewarded, how bids would be compared, what financing vehicles would be considered and how they would be compared (SCMP).	Top Recommendation from Funding STG	1. #57 and #58 are redundant. Need to clarify the difference between the two. 2. Clarify what public-private partnerships can mean. There are good examples and there are bad examples. 3. Focus on existing university centers (ex. Ridley Center).	1. Partner with academia to help implement policy from these groups.
58			Create a program to facilitate partnerships between City departments (and potentially Regional agencies) and NGOs.	Stormwater STG, Funding STG, SCMP	Foster NGO Partnerships with the City. Involve neighborhood councils to connect partnerships to local needs. One example of partnership is to explore NGO's performing the habitat enhancement aspect of a project (Funding STG). Develop standard MOUs to streamline participation in projects (SCMP).	Top Recommendation SW STG, Funding STG. SCMP pg. 101	1. Include academia. 2. Remove the word potentially; include state water board and other agencies).	
59			During policy development, consider the financial impacts of implementation.	Funding STG, Advisory Group, Project Workshop	1) Minor changes in County policy can have significant impacts on funding. For example, in 2014 policy on assessment for park development changed from \$/square feet of parcel to \$/parcel. This created a significant benefit to developers in the Antelope Valley, but significantly impaired park funding (F, AG). 2) Consider impact to development community before adding additional in-lieu fees (PW).		1. Overly vague. 2. Need clarification. Does it refer to external financial impacts?.	
60			Explore funding models that allow for agency financial stability while transitioning to expanded decentralized implementation strategy.	Project Workshop	Funding structure is currently based on centralized distribution and management system			
61			Create a standardized formula for contribution of ratepayer monies for projects that generate water supply and/or water quality benefits.	SCMP		SCMP pg. 101		
62	All City Depts.		Evaluate the feasibility of establishing a reliable source of money for integrated project elements.	Steering Committee				
63	LASAN		Explore creation of a budgeting tool to account for multi-benefit projects and cost sharing across multiple city departments.	Living Streets, Partnerships STG, Steering Committee (LASAN-WPD)	Break down silos with a budgeting system to account for multi-benefit projects and cost sharing across multiple city departments.		1. #63 and 64 are already a task order. Should not be a policy. 2. #63 and #64 should not just be project specific but also include programs. Should include all agencies in the development of the tool (LA County as well). 3. A column should be added to include cost and who will pay for it. Also include return of investment. 4. Communicate avoided cost to the rate payer.	1. Look at Tree People's evaluation called T.R.E.E.S. Program. Expand on the tool.
				Funding STG	Involve other public agencies to share in project costs , such as; stormwater runoff from States, Federal, and Local Roads	Top recommendation from STG		
64			Develop a protocol to identify who pays for multi-benefit projects using a cost-benefit analysis.	Stakeholder Workshop (world café), Funding STG (top recomm.), Advisory Group, SCMP	1. Determine how to prioritize projects by measuring results and the value of benefits 2. Highlight benefit based funding to enable multi-benefit projects to be built and maintained 3. Understand how multiple agencies can and should contribute in identifying costs and benefits of water projects	Top recommendations from STG	Concept should be benefit based funding; include where the funds are coming from.	
New Ideas (Group 4)								New Ideas (Group 4)
				Stakeholder WS #5				LASAN and LADWP partnership is the most important. How the two collaborate, cooperate.....there should be an established policy .
				Stakeholder WS #5				Look at LASANs and LADWPs business model and working relationship
				Stakeholder WS #5				We need to look more closely at merging LASAN functions into LADWP. The functions between the two agencies need to be merged .
				Stakeholder WS #5			General Comment: Everything listed is desirable, but what is not listed are the goals and targets. External requirements from outside agencies need to be highlighted and listed. Purpose and need should be listed. Ex. Guiding Principles .	
				Stakeholder WS #5			General Comment: Need to follow-up on LAUSD projects and programs.	
				Stakeholder WS #5				Policy needed/driven: Partnerships and engagement with Universities, CSUs, and community colleges. Leveraging our tax payer commitment to use university/CSU/community college assets and resources. There is deep commitment from the universities that is overlooked (CSUN).
				Stakeholder WS #5				Policy needed to strengthen partnership between LASAN and BSS to do enhanced street sweeping for water quality compliance.
				Stakeholder WS #5				Public Private Partnerships with business community, Unions, and Clean Tech Incubator (to help cultivate the start ups). Can be placed in a general category under outreach and partnerships.
				Stakeholder WS #5				Leverage NGOs with expertise on BMPs.
				Stakeholder WS #5				Prioritize partnerships with high water users
				Stakeholder WS #5			Need to identify a water tsar for One Water LA and where the funding will come from.	
LA River Revitalization							Clarification Comments	New Ideas (Similar Topic)
65	LA Riverworks		Improve coordination and transparency for LA River Revitalization efforts including community engagement efforts.	Stakeholder Workshop (world café)	LA River Revitalization- have more of a coordinated approach that involves the community		1. River works office needs to collaborate, LAR cooperation committee too	1. Community based organization cont. programs
				Steering Committee (LA Riverworks)	Continue and strengthen multi-jurisdictional collaborations like the River Cooperation Committee and Urban Waters Federal Partnership.		2. Frequency of meetings	2. Think watershed ecologically and socially approach for LAR, other counties and other jurisdictions
							3. For ideas #65-69, mention Ballona Creek when LAR mentioned (comprehensive)	3. LAR - should be more generic (ie. "waterways")
							4. Needs to be more aggressive	4. Acknowledge partnerships with private, proactive engagement
							5. City should take lead coordinate all LAR interest groups before possible litigation (organize development)	
66			Prioritize and/or balance the LA River habitat health and water quality in water policy and planning.	Steering Committee (LA Riverworks) Project Workshop, LA Basin Study	1) Make an effort to balance the effort to allow for Rec. 1 uses. 2) Consider that river was historically dry in summer (PW). 3) Remove invasive "water thirsty" plants in water conservation system (LA Basin).		1. "Quantity" includes this	1. Recreation in LAR
							2. "Prioritize" which? Not "and/or"	2. Network of native plants (nurseries)
							3. "Balancing" may be better	3. Create jobs for tree/plants landscape industry
							4. Needs to be more aggressive	4. Tree Police (Sidewalk tree asset management)
							5. City should take lead coordinate all LAR interest groups before possible litigation (organize development)	5. Watershed framework (waterways floodplain reclamation)
67			Establish Enhanced Infrastructure Financing District for LA River to provide capital projects and sustainable operations and maintenance.	Steering Committee (LA Riverworks)				1. Onsite distinction between private and public (captured already)
68			Support Public Right-of-Way Low Impact Development Standards for LA River tributary streets.	Steering Committee (LA Riverworks)			1. Low impact development stands for avoiding redundancy	
							2. coordinate with Rio	
							3. Must be immediate enforced	
							4. 2750 casitas (spot Zoning) destroying high-density development	
							5. LASAN leverage LID	
69			Leverage major infrastructure investments for LA River revitalization goals.	Steering Committee (LA Riverworks)			1. capture more u/s for LAR, (better quality water) better stormwater capture u/s	1.Code retrofit landscape
							2. Explore floodplain reclamation (in basin study_ watershed approach	2. Historic preservation? Process/Permit to undo something already done

DRAFT MASTER LIST

Ideas for Future One Water LA Policies

No.	Policy Lead Department/ Agency	Support	Draft Policy Ideas	Source	Ideas Shared	Notes/Comments	Stakeholder Workshop Feedback 12/13/2016	Stakeholder Workshop Feedback 12/13/2016
New Ideas (Group 3)								
				Stakeholder WS #5				New Ideas (GROUP 3)
				Stakeholder WS #5				Be mindful of micro-climates
				Stakeholder WS #5				Cost diffuses all River ideas. Consider impact including cost to manage flows, Cost needs to be point of connection.
				Stakeholder WS #5				Guadalupe River planning in Northern California is a potential model
Sustainability & Climate Change Resiliency								
Clarification Comments								
70			Integrate climate adaptation and resilience principles into the design, construction, and operations	Steering Committee (HSR)			1. You should also include climate mitigation. 2. Does not say of what type of project climate adaptation is being integrated into - Needs clarification. Can it be of everything? 3. Needs to start at planning and not at design. Tree people and The Nature Conservancy is working on something similar. 4. Include engineering designs (or clarify that it is included); Integrate climate change scenarios.	New Ideas (Similar Topic)
71			Make life-cycle performance of components, systems, and materials a priority	Steering Committee (HSR)				
72			Create a process to evaluate the embedded energy of materials in a project at the planning stage to help inform the decision process.	Stakeholder Workshop	Create a process to evaluate project material sourcing and their impact on Greenhouse Gas Emissions.		1. Need to broaden to include other resources, not just energy. 2. There are groups already doing this. Look at existing standards (ex. Green Building Council).	
73	All City Dept.	LASAN	Incentivize Green Street implementation with sustainable materials and native flora compatible with local biomes	LASAN		WPD	1. Green streets have multiple benefits, not just stormwater management. 2.Change incentivize to require. 3.There are already a set of standards (approved by LADWP) for following a watershed approach for landscaping. This is already covered in the set of standards. Every green street project should follow a set of standards, instead of being project by project basis. 4. Define green infrastructure. 5. Include all street programs, not just green streets. 6. Clarify what is included under the definition of BMPs.	1. #70 and #73 need to have an overarching policy that encompasses the two. Use green streets as an example. Natural infrastructure should not just be incentivized it should be prioritized. There is federal tool for that. 2. Green streets should not only be incentivized, it should be a standard. There are a few cost-benefit tools out there that show the benefit of green streets, great streets, etc. to the City. Ex. there is a connection between green streets and cooling and urban heat reduction. 3. There is a need for a higher overarching policy and/or set of standards needed that cover a wide range of needs. 4. Include trees that provide edible fruit. Carob trees provide fruit, shading, and sustainable moisture in the ground. Look at Tucson, AZ program.
New Ideas (Group 4)								
				Stakeholder WS #5				Parking lots need to be seen as a resource. Include tree canopy in parking lots.
				Stakeholder WS #5				Expand the Urban Forestry list to include canopy trees.
				Stakeholder WS #5				Include Preventative measures that can result in water use efficiency (example: water meters).
				Stakeholder WS #5				There are no issues with Elmer except aesthetics. Issue is related to the maintenance of the native plants. This needs to be addressed .
				Stakeholder WS #5			Need for smart growth policies.	
				Stakeholder WS #5				There is a gap between how green infrastructure is designed and how it is constructed. A performance monitoring program is needed to identify those gaps.
Training								
Clarification Comments								
74	LASAN		Consider an operations and maintenance cross-training program for dept./agencies/organizations on maintaining BMPs.	Steering Committee, Project Workshop	1) Establish an Operations and Maintenance training for other agencies for existing and future stormwater systems (S) 2) Create decentralized bmp workforce training program (PW).		1. Clarify organizations; should include the private sector. Model after Portland's <i>Green Streets Stewards</i> . Training should follow the watershed approach, should be consistent with the standards (Design, and O&M).	New Ideas (Similar Topic)
75	LASAN, LADWP		Develop a formal educational program on Direct Potable Reuse and Indirect Potable Reuse.	Stakeholder Workshop (world café), Project Workshop	Maximize recycling and look for public acceptance on direct potable reuse.		1. Clarify what formal education means; where do the resources come from; should include a public education program; can also be like RWAG; should be done local; some cost can be avoided if you the program is held at universities, high schools, and/or rec and parks facilities. 2. Partnership with community colleges can help make it a formalized program 3. Include IPR as part of the program, the fact that we are already drinking RW (IPR) will help with public acceptance. 4. Include public education program starting at elementary school.	1. Training should also be done at the counter and to all supervisors at the counters for all agencies. 2. Add to the policy: on-going program.
76	All City Dept.		Explore the feasibility of requiring Envision for larger projects and create a program for staff certification	Steering Committee (BOE)			1. Need to clarify: Describe what Envision is and what it does.	
New Ideas (Group 4)								
				Stakeholder WS #5				1. Develop a BMP training/certification program in community colleges for private business, for retraining of workers in landscape . 2. Training and education should be done at the high school and university level. Education of water conservation and conservation in general.
Recycled Water & On-Site Wastewater Treatment Facilities (private OSTF)								
Clarification Comments								
77	LASAN		Do not allow On-site Treatment Facilities where purple pipe is available. The scope of such projects should be linked to a reduction of potable water use.	Decentralized STG, LASAN			1. Overall policy-evaluate purple pipe policy - could eventually be DPR. 2. Term "onsite" for septic tanks, maybe "treatment" or "reuse" 3. For ideas #77 & #80, creating conflict with One Water goals	
78	LASAN		Owners/Operators of OSTFs will be subject to fees that will be paid to LASAN and are required to obtain Industrial Waste Permit (IWP), and obtain all other required permits.	Decentralized STG, LASAN	Implement a standby charge to OSTF owner when the facility is not operating (e.g. regular maintenance or an emergency).		1. Needs inspection 2. For ideas #78 & #79, two ideas conflict in who's paying fees 3. For ideas #78 & #79, ensure resiliency, not only capture, cost and return	1. LADWP should play more of a role in "fees"
				LASAN	Implement a surcharge fee or capacity related fee to OSTF owner due to impacts on collections system and/or treatment plant.			
79	LASAN		During policy development, consider the following: Existing customers should not have to pay or subsidize, directly or indirectly, in any way the capital cost or operations of the OSTF.	LASAN				1. Give recycled water credit to customers
80	LASAN		Policy to prohibit wastewater from being taken or mined from LASAN sewers.	LASAN	Such removal may impair operation of LASAN's system, recycled water program, or water was not generated by the entity who wishes to remove said wastewater.		1. Are you worried about scalping? 2. Something is missing from policy as it is removing opportunities. For example could try and use beneficially, ex. Wetlands, wildlife, preservation	
81	LASAN		Establish a maintenance protocol of OSTF to ensure proper design, operations, and maintenance.	Decentralized STG, LASAN	LASAN will not be responsible for the operation or maintenance of privately owned OSTFs.		1. Clarify residual management and zero discharge	1. Need transition Plan for distributed work so there is no disruption to operation
				Decentralized STG, LASAN	An entity must submit an operations and maintenance plan with their IWP application.			
				Decentralized STG, LASAN	Assure design, operation, and maintenance is performed by qualified individuals. Proper operations and maintenance are required for the sustainability of the OSTF.			
82	LASAN		Owners/Operators of OSTFs will be required to indemnify LASAN.	LASAN			1. Counterproductive - There must be a better policy to protect agency. indemnify goes too far 2. Indemnification? Clarify thought: Not "foist" failure onto the City	1. Who pays for stranded assets? Who pays cost differential at Hyperion vs. decentralized treatment? 2. Encourage innovation with onsite Water Reclamation Facilities that don't diminish revenue (ie. Update bldg codes)
83	LASAN		OSTFs will be required to develop a failure plan.	Decentralized STG, LASAN	Failure plan needs demonstrates that 100 percent of the flows can be disposed in the event of a system failure and may be required to maintain a backup service for their system.			
84	LASAN		Require new OSTFs to notify neighbors of potential uses of water onsite. OSTFs should install and maintain proper signage for projects regarding onsite treated water. (Could potential be combined with #78).	Decentralized STG, LASAN	New OSTFs should communicate with neighbors and provide information regarding potential uses of water treated on site, which may include irrigation, groundwater recharge, and industrial applications. Citizens should be educated on the proper use of this water.			1. Take geographic/sewershed budget approach for onsite