

## Joyce Dillard's Comments on the Sediment Management Strategic Plan

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**To:** LA County Sediment Management Plan <[SedimentMgmtPlan@dpw.lacounty.gov](mailto:SedimentMgmtPlan@dpw.lacounty.gov)>  
**Sent:** Wednesday, May 30, 2012 3:11 PM  
**Subject:** Comments to Sediment Management Strategic Plan due 5.30.2012

We find that the numbers and/or illustrations do not match.

The Table 4-1 Reservoir Sediment History in Million Cubic Yards does not always match the listings in other Tables in this report.

We are attaching an analysis, of the totals, in part, from:

- Figure ES- 1 20-Year Planning Quantities and Remaining Capacity at Sediment Placement Sites
- Table 2-1 Reservoirs in the Flood Control District
- Table 2-3 SPS Activity Status and Capacities
- Table 4-1 Reservoir Sediment History in Million Cubic Yards

There appears to be flawed Available Capacity. We do not see references to Atmospheric River analysis for flood planning, current and any historical data. We do not see flow patterns.

There is no Air Quality analysis or Odor Analysis. We would like to know why you did not outreach to the Sunshine Canyon Landfill oversight groups.

Beneficial Uses are not clear. Since the infrastructure is aging, what capital improvements or capacity expansion is needed?

Is there any analysis of the environmental effects of (overweight) trucks on the road infrastructure? What Total Daily Maximum Load TMDL potentials are there to the watersheds?

You state:

*While the number of debris basins maintained by the Flood Control District may increase as a result of development during the 20-year planning period, this is expected to only have minimal impact on the quantity of sediment needing to be managed because new development will likely only occur in areas of low debris potential. Therefore, the 20-year planning quantities were not prorated to reflect a potential increase due to future development.*

How can you assume that when density is part of the SCAG and municipal process, even in hillside/mountain areas? There needs to be some backup to this statement.

How are you addressing the Alluvial Fan research now available through CS San Bernardino?

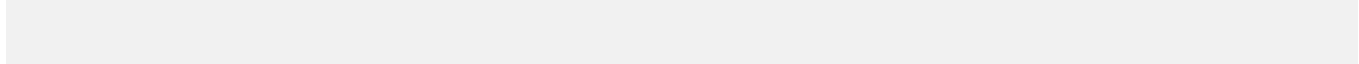
Effects on Habitat are underplayed in this document, even non-existent.

You state on Dredging:

*Overflows with suspended sediment can result in sediment deposition within the channel downstream of the dewatering area and downstream spreading facilities and could significantly impact water conservation.*

At what cost to the birds and wildlife? At what cost to the taxpayers?

What is the projected budget for this Strategic Plan. Is there sufficient funding available now, or is more needed. What Capital Improvements are anticipated in this 20 year projection.



ANALYSIS OF LOS ANGELES  
COUNTY SEDIMENT MANAGEMENT STRATEGIC PLAN 2012-2032

	Year Constructed	MCY Map	Original Capacity MCY	Historic Sediment Removal			Calculated Available Capacity	Calculated Capacity Available	As of Last Survey		
				Sluiced	Excavated	Total			Available Capacity	Sediment in Storage	% Capacity Taken by Sediment
<b>SAN GABRIEL CANYON RESERVOIRS</b>											
San Gabriel Reservoir	1939	20.4000	86.1000	11.8000	24.3000	36.1000	50.0000	58.07%	71.7000	14.4000	20.08%
Morris Reservoir	1934	1.3000	52.1000	2.6000		2.6000	49.5000	95.01%	36.4000	13.1000	35.99%
Cogswell Reservoir (Station Fire 2009)	1934	5.7000	19.8000	1.3000	4.4000	5.7000	14.1000	71.21%	16.8000	3.9000	23.21%
<b>OTHER LARGE RESERVOIRS</b>											
Big Tujunga Reservoir (Station Fire 2009)	1931	7.2000	10.1000	3.1000	10.4000	13.5000	-3.4000	-33.66%	8.1000	2.0000	24.69%
Devil's Gate Reservoir (Station Fire 2009)	1920	8.3000	7.4000	2.2000	5.9000	8.1000	-0.7000	-9.46%	3.7000	3.9000	105.41%
Pacoima Reservoir (Station Fire 2009)	1929	7.6000	9.8000	2.2000		2.2000	7.6000	77.55%	4.7000	5.1000	108.51%
Puddingstone Reservoir	1928	0.8000	28.1000			0.0000	28.1000	100.00%	26.4000	1.7000	6.44%
San Dimas Reservoir	1922	1.9000	2.4000	0.5000	4.4000	4.9000	-2.5000	-104.17%	2.5000		0.00%
Santa Anita Reservoir	1927	1.2000	2.2000	1.9000	0.8000	2.7000	-0.5000	-22.73%	1.2000	0.3000	25.00%
<b>SMALL RESERVOIRS</b>											
Big Dalton	1929	0.8000	1.7000		1.6000	1.6000	0.1000	5.88%	1.7000		0.00%
Eaton Reservoir	1937	1.6000	1.5000		3.3000	3.3000	-1.8000	-120.00%	1.1000	0.5000	45.45%
Live Oak Reservoir	1922	0.2000	0.4000		0.6000	0.6000	-0.2000	-50.00%	0.4000		0.00%
Puddingstone Diversion Reservoir	1928	0.6000	0.2000		1.5000	1.5000	-1.3000	-650.00%	0.4000		0.00%
Thompson Creek Reservoir	1926	0.3000	1.1000		0.4000	0.4000	0.7000	63.64%	0.8000	0.2000	25.00%

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	MCY Map	Original Capacity MCY	Est Remaining Capacity	Est % Available
<b>DEBRIS BASINS</b>				
South Area Debris Basin	0.2000			
West Area Debris Basins	4.5000			
East Area Debris Basins	4.9000			
<b>SPS SEDIMENT PLACEMENT SITES</b>				
<b>ACTIVE-EAST AREA</b>				
Burro SPS	29.4000	47.1750	29.4250	62.37%
Cogswell SPS	3.2000	5.6000	3.2000	57.14%
Hastings SPS	0.0800	0.2100	0.0800	38.10%
Lincoln SPS	0.0100	0.2700	0.0120	4.44%
Maddock SPS	0.4000	0.4750	0.4150	87.37%
Manning Pit SPS	2.0000	4.1500	2.0200	48.67%
San Dimas SPS	0.2000		0.2000	
Santa Anita SPS	3.0000	4.5250	2.9900	66.08%
Sawpit SPS (Decommissioned)	1999 0.4000	1.5500	0.3900	25.16%
Spinks SPS	0.6000	1.1500	0.6350	55.22%
Webb SPS	0.5000	0.8050	0.5000	62.11%
<i>Sub-total</i>			<u>39.8670</u>	
<b>ACTIVE-WEST AREA</b>				
Browns SPS	0.0600	0.4050	0.0600	14.81%
Dunsmuir SPS	0.6000	2.0300	0.5600	27.59%
Maple Canyon SPS	4.0000	12.0000	4.0000	33.33%
May SPS	3.3000	4.9700	3.3000	66.40%
Wildwood SPS	0.0007	0.0750	0.0070	9.33%
Zachau SPS	0.3000	0.5100	0.2200	43.14%
<i>Sub-total</i>		<u>19.9900</u>	<u>8.1470</u>	

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	MCY Map	Original Capacity MCY	Est Remaining Capacity	Est % Available
<b>NEAR CAPACITY-EAST AREA</b>				
Auburn		0.0200	0.0050	25.00%
Big Dalton			0.0010	
Dalton		1.6350	0.0010	0.06%
Eaton		0.1100	0.0010	0.91%
West Ravine			0.0010	
<i>Sub-total</i>			<u>0.0090</u>	
<b>NEAR CAPACITY-WEST AREA</b>				
Aqua Vista		0.0400	0.0100	25.00%
Eagle		0.1450	0.0010	0.69%
Shields			0.0010	
<i>Sub-total</i>			<u>0.0120</u>	
<b>POTENTIAL-EAST AREA</b>				
Bailey		0.1300	0.1300	100.00%
Lannan			0.0600	
Las Flores		0.0150	0.0150	100.00%
Live Oak		0.2950	0.2950	100.00%
Rubio		0.0600	0.0250	41.67%
<i>Sub-total</i>			<u>0.5250</u>	
<b>POTENTIAL-WEST AREA</b>				
Big Tujunga		5.9400	0.1500	2.53%
Del Valle			0.3500	
Hay		0.0850	0.0800	94.12%
La Tuna		9.0000	9.0000	100.00%
Sunset Lower		0.2050	0.2050	100.00%
Sunset Upper		0.3450	0.3450	100.00%
<i>Sub-total</i>			<u>10.1300</u>	