

INFORMATION HANDOUT

For Contract No. 04-1J1904

At 04-Ala-13-4.3/R9.6

Identified by

Project ID 0414000153

MATERIALS INFORMATION

Water Source Information

Estimated Water Usage for Water Availability Request

WATER USE ESTIMATE			
Project Information			
Contract Number	04-1J1904		
Project Identifier Number	0414000153		
County/Route/PM	Ala/13/4.3/R9.6		
Estimate Prepared By			
Mustaqur Rahman	Estimate Date and Time: 12/19/2014 8:58		
Base Rates Used For Calculating Estimated Required Water			
Bid Item / Work Activity	Base Rates	Unit of Measure	
Roadway Excavation (Embankment)	30	Gal/CY	
Aggregate Base & Subbase	15	Gal/CY	
Dust Control	2	Gal/SQYD/Day	
Subgrade Compaction	10	Gal/SQYD	
Hot Mix Asphalt Compaction	7	Gal/Ton	
Concrete	25	Gal/CY	
Cold Planning Pavement	0.5	Gal/SQYD	
Grind Concrete Pavement	6.5	Gal/SQYD	
Groove Concrete Pavement	1.5	Gal/SQYD	
Estimated Water Required for Bid Item / Work Activity			
Bid Item / Work Activity	Estimated Quantity	Quantity Unit of Measure	Estimated Water Required (Gallons)
Roadway Excavation (Embankment)	0	CY	0
Aggregate Base & Subbase	0	CY	0
Dust Control Area	0	SQYD	
Dust Control Days	0	days	0
Subgrade Compaction	0	SQYD	0
Hot Mix Asphalt Compaction	26810	Ton	187,670
Concrete	0	CY	0
Cold Planning Pavement	257000	SQYD	128,500
Grind Concrete Pavement	0	SQYD	0
Groove Concrete Pavement	0	SQYD	0
Note: Include only concrete that could be produced at a portable plant on the projects site.			
Project Estimated Total Water Required			
316,170	Gallons		
42,266	CF		
1,197	M ³		
0.97	Acre-foot		

Water Agency Advisory and Mandatory Reductions – Caltrans District 4

EAST REGION

EBMUD – Advisory reduction for potable water 10%. Free recycled water for truck watering within service area. No mandatory restrictions.

Contra Costa Water District – No mandatory restrictions. CCWD will reassess in April. Martinez, Concord, Pittsburg, Bay Point, Antioch.

Livermore – Supplier California Water Service Company – No restrictions, normal conservation measures.

Pleasanton – Voluntary water reduction by 20%.

SOUTH REGION

San Francisco Public Utilities Commissions – Voluntary 10% advisory reduction. No mandatory restrictions.

Santa Clara Valley Water District – 10% advisory water reduction. No mandatory restrictions.

Bay Area Water Supply and Conservation Agency (BAWSCA), which represents the 26 wholesale customers of the Hetch Hetchy Regional Water System also has a 10% advisory reduction for customers. BAWSA sells wholesale water to 24 cities in Alameda, San Mateo and Santa Clara counties.

Livermore – Supplier California Water Service Company – No restrictions, normal conservation measures.

Pleasanton – Voluntary water reduction by 20%.

Santa Clara Valley Water District – 10% advisory water reduction. No mandatory restrictions.

NORTH COUNTIES

Napa County – City of Napa advisory water conservation measures only.

Solano County – No water rationing. Lake Berryessa-fed Solano Water Project -- is operating at full capacity. Communities served by State water project are able to buy water within the region to compensate for reduction in supply from State.

Sonoma County Water District – Voluntary 20% conservation measures. Santa Rosa, Rohnert Park, Petaluma, Windsor, Sonoma, Cotati and the Valley of the Moon, North Marin and Marin Municipal Water District. Lake Sonoma is currently 66% of capacity with multiple years of water supply remaining.

City of Healdsburg – Mandatory 20% reduction.

City of Cloverdale – Mandatory 25% reduction.

Water Agency Advisory and Mandatory Reductions – Caltrans District 4

Marin Municipal Water District: Advisory 25% reduction

City of Sonoma: Advisory 15% reduction

North Marin Water District: Advisory 20% reduction