



Los Osos Wastewater Project Project Construction Update Month of February 2015



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Los Osos Wastewater Project Manager

Update Summary: Almost all of the structures at the Water Recycling Facility site were in progress by the end of February. The plant layout and final grades are now becoming readily visible. The major water containing structures have been completed. The Pump Stations contract is nearing substantial completion with work focused on testing and close-out of the contract.

Notable News/Milestones: The Water Recycling Facility reaches the one year mark for construction on March 17, with one year remaining until start-up. The Pump Stations contract should be substantially complete by the end of March.

Water Recycling Facility: construction progress photo



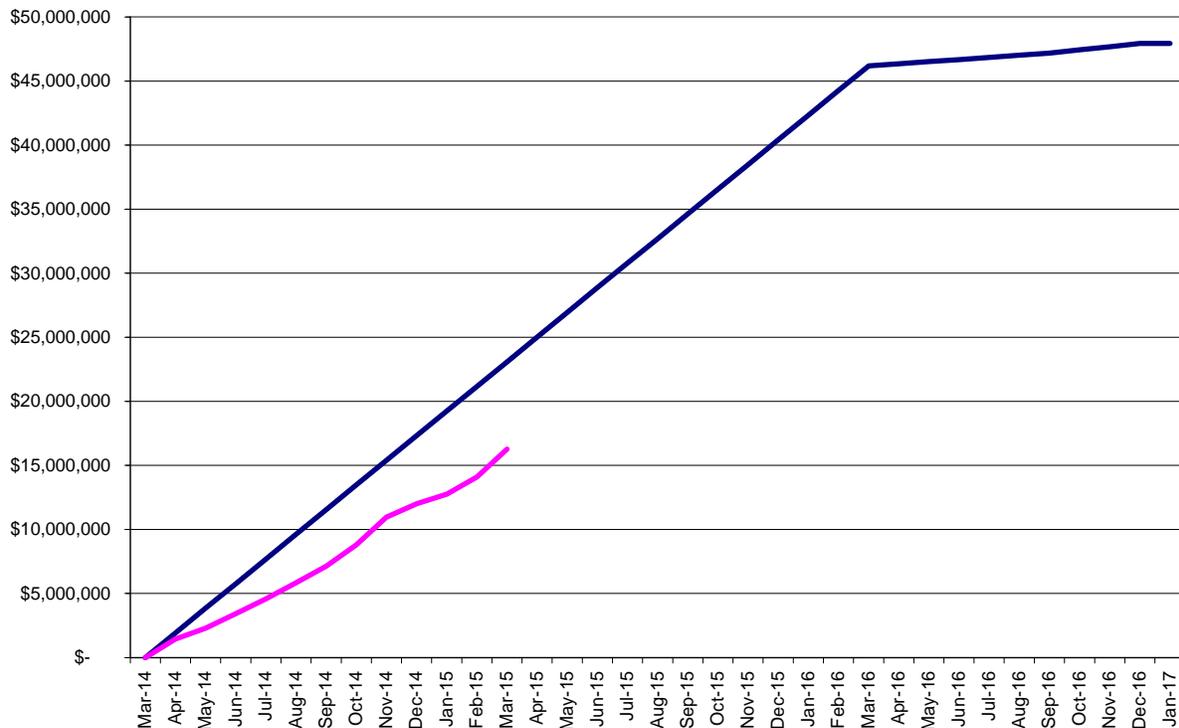
Administration building framing began in late February.

**Water Recycling Facility Contract
Contract No. 300448.08.02**

Contract Summary			
Contractor	Auburn Constructors	Notice to Proceed Date	3/17/2014
Contract Value	\$48,180,299	Original Contract Days	1,015
Approved Cost Changes	\$66,143	Approved Extra Days	0
Adjusted Contract Value	\$48,246,442	Planned Substantial Completion Date	10/27/2016
Approved Payment to Date	\$16,278,038	% complete	36%

Summary of Work	Last Month	Total To Date
Cubic Yards of Concrete placed	670	6,128
Buildings completed	0	0
Major equipment installed	0	0

Water Recycling Facility



In the last month, Auburn worked on the following:

- Beginning leak testing on southern oxidation ditch.
- Constructing electrical building walls.
- Constructing sludge storage tanks.
- Constructing administration building slab and begin framing walls.
- Installing under-slab piping for maintenance and dewatering buildings.

- Continue installing yard piping throughout site.
- Excavating recycled water ponds.

In the current month, Auburn plans to proceed with the following work:

- Complete leak testing of southern oxidation ditch.
- Continue construction electrical building walls.
- Begin leak testing of sludge storage tanks.
- Continue construction of administration building.
- Constructing slab foundations for the dewatering and maintenance buildings.
- Continue installing yard piping throughout site.
- Complete excavating recycled water ponds.

Contract Schedule Review: The contract allows two years to complete the testing phase of the WRF and be ready to accept wastewater flows for the start-up phase on March 18, 2016. After flows have increased sufficiently during the start-up phase to allow for commissioning and final testing, the contract substantial completion date is 10/27/16.

Pictures



A Cal Poly Construction Management class tours the site.



Subgrade for sludge dewatering building.



Construction Manager Steve Mimiaga reviewing the work progress.



Freshly placed concrete slab for the Administration Building.



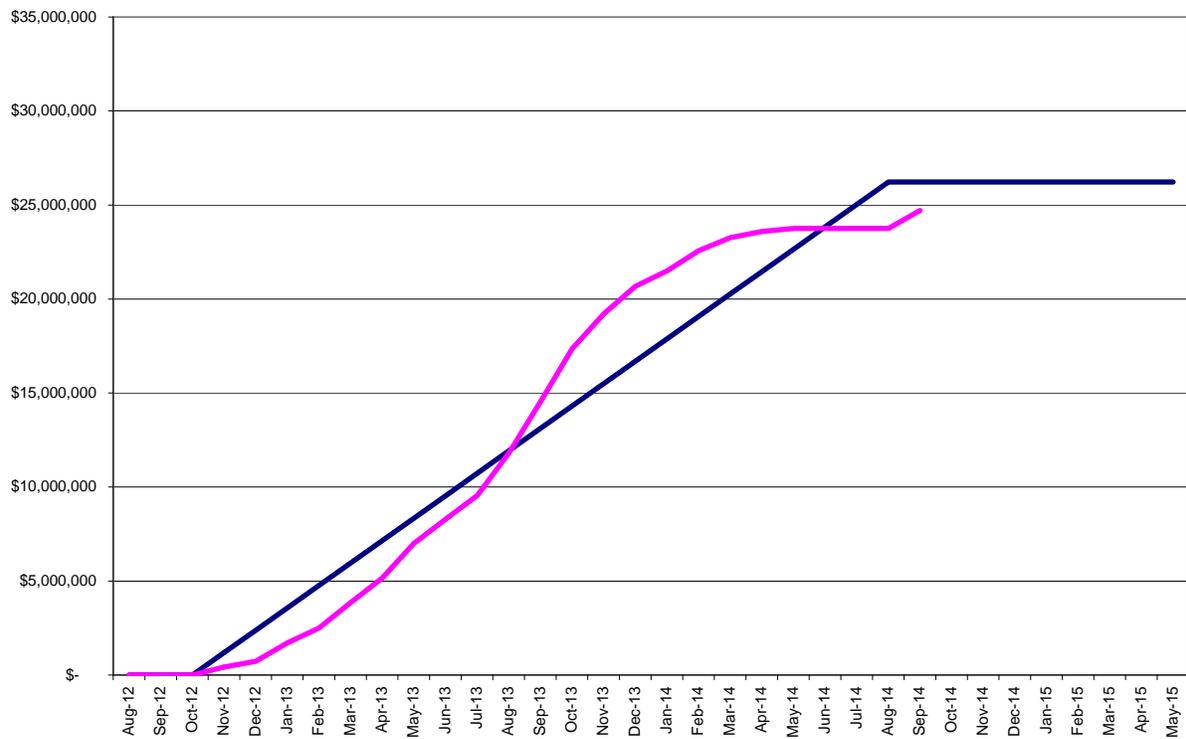
Administration Building north wall in view over the clarifier basin.

**Collection System Area A&D Contract
Contract No. 300448.08.01.AD**

Contract Summary			
Contractor	ARB Inc.	Notice to Proceed Date	8/13/2012
Contract Value	\$26,223,855	Original Contract Days	694
Approved Cost Changes	\$ 16,170	Approved Extra Days	0
Adjusted Contract Value	\$26,240,025	Planned Substantial Completion Date	7/8/2014
Approved Payment to Date	\$24,703,381	% complete	100%

Summary of Work	Last Month	Total To Date
Blocks/Segments completed	0	160
Total feet of pipe laid	0	132,900
Number of laterals installed	0	2,913

Collection System Area A&D



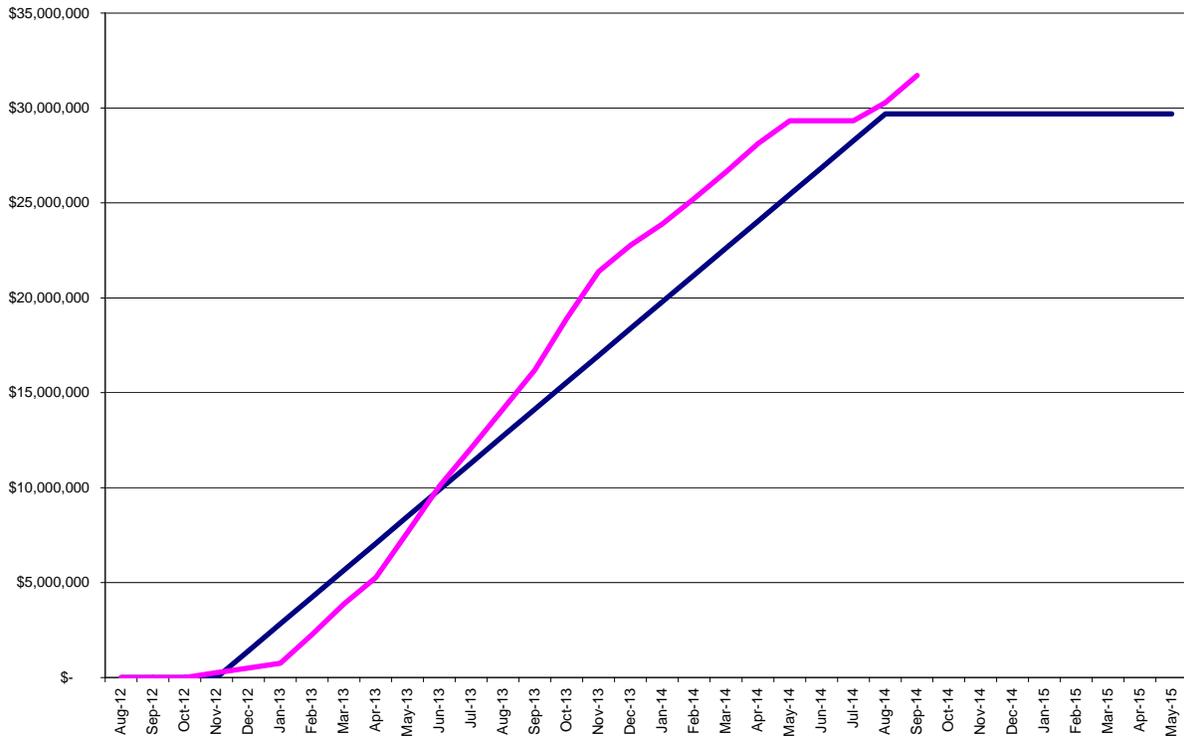
Contract Schedule Review: ARB has met the substantial completion date of 7/8/2014 and the final completion date of 9/5/14.

Collection System Area B&C Contract
Contract No. 300448.08.01.BC

Contract Summary			
Contractor	W.A. Rasic	Notice to Proceed Date	9/4/2012
Contract Value	\$29,425,000	Original Contract Days	665
Approved Cost Changes	\$260,893	Approved Extra Days	30
Adjusted Contract Value	\$29,685,893	Planned Substantial Completion Date	7/31/2014
Approved Payment to Date	\$31,709,286	% complete	100%

Summary of Work	Last Month	Total To Date
Blocks/Segments completed	0	135
Total feet of pipe laid	0	123,380
Number of laterals installed	0	1,786

Collection System Area B&C



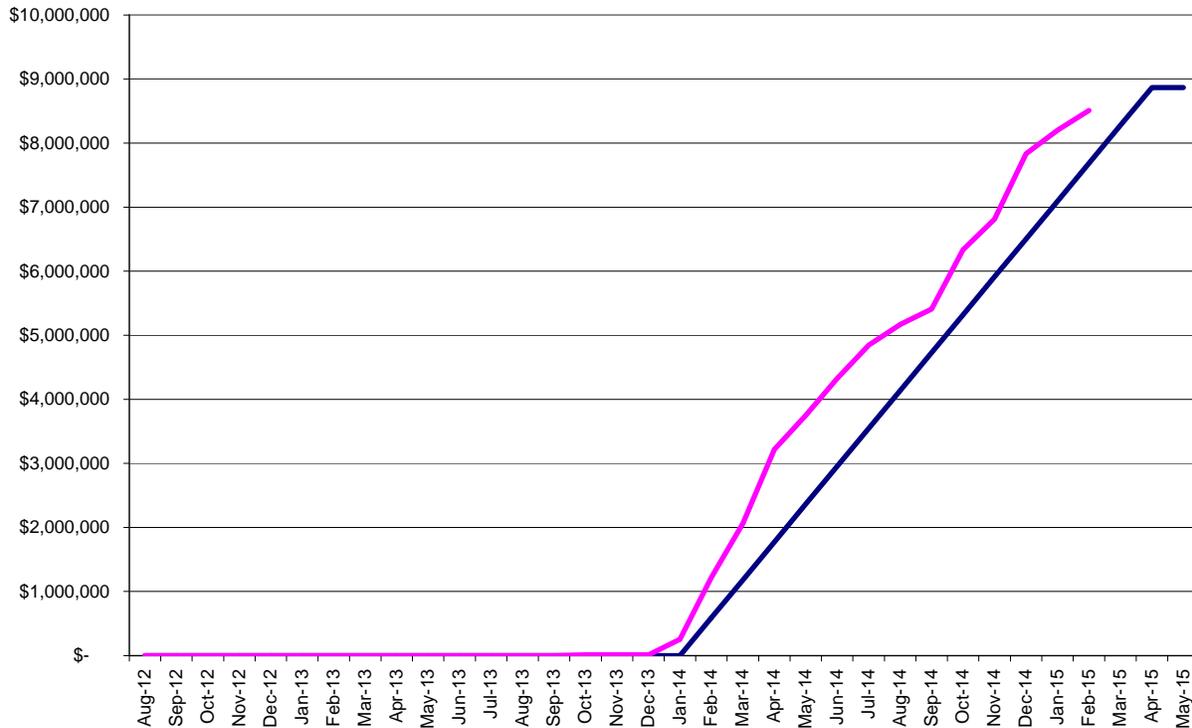
Contract Schedule Review: W.A. Rasic has met the substantial completion date of 7/31/2014 and the final completion date of 9/29/2014.

**Collection System Pump Stations Contract
Contract No. 300448.08.01.PS**

Contract Summary			
Contractor	Mtn. Cascade	Notice to Proceed Date	10/11/2012
Contract Value	\$8,676,850	Original Contract Days	860
Approved Cost Changes	\$449,308	Approved Extra Days	30
Adjusted Contract Value	\$9,126,158	Planned Substantial Completion Date	3/20/2015
Approved Payment to Date	\$8,508,945	% complete	98%

Summary of Work	Last Month	Total To Date
Major equipment installed	3	67
Generator buildings completed	0	8
Pump stations completed	1	21

Collection System Pump Stations



In the last month, Mountain Cascade worked in the following items:

- Continuing testing equipment at pump stations and generator buildings.
- Continuing final site work and revegetation at pump station sites.

In the current month, Mountain Cascade plans to proceed with the following work:

- Completing final site work and revegetation at pump station sites.
- Completing testing of pumps and other mechanical and electrical equipment.
- Achieving substantial completion of the work.

Contract Schedule Review: The Pump Stations Contract allows for 30 months of construction in order to allow for final installations after the pipeline area contracts are completed. Mountain Cascade developed a construction schedule that used 2013 to complete the material submittal and procurement process. They mobilized for construction in January 2014 in order to meet the substantial completion date of 3/20/2015.

Collection System Engineering Services

Design Services Agreement Summary			
Engineer	CDM Smith		
Fee Estimate	\$4,574,470	Agreement Approval Date	5/17/2011
Approved Additional Services	\$1,577,938	Original Planned Design and Construction Phase	30 months
Adjusted Fee	\$6,152,408	Actual Planned Design and Construction Phase	46 months
Billed to Date	\$5,946,288	% complete	97%

Construction Management Agreement Summary			
Engineer	HDR, Inc.		
Fee Estimate	\$6,891,632	Agreement Approval Date	12/13/2011
Approved Additional Services	\$2,840,642	Original Planned Construction Phase	18 months
Adjusted Fee	\$9,732,274	Actual Planned Construction Phase	30 months
Billed to Date	\$8,524,714	% complete	96%

Services Summary	Last Month	Total To Date
Memos/Letters	0	816
RFI's	5	452
Submittals	1	610
Survey Requests	0	895
Lateral change requests	0	949
Approved change orders	2	20

Public Outreach Summary	Totals
Twitter Followers	101
Website Visitors	32,934
Website Unique Visitors	18,550
e-newsletter signup	400
24/7 DigLine Calls	2,042
Phone Calls/Responses	4,367
Email Responses	1,348
Office Hour Sessions	162
House Calls	674
Other Public Contact	198
Note: The Dig Los Osos public outreach program was completed in May 2014. Public outreach data for Dig Los Osos is not longer being collected.	

Water Recycling Facility Engineering Services

Design Services Agreement Summary			
Engineer	Carollo Engineers		
Fee Estimate	\$4,596,761	Agreement Approval Date	11/6/2012
Approved Additional Services	\$151,400	Original Planned Design and Construction Phase	46 months
Adjusted Fee	\$4,748,161	Actual Planned Design and Construction Phase	46 months
Billed to Date	\$4,553,402	% complete	93%

Construction Management Agreement Summary			
Engineer	HDR, Inc.		
Fee Estimate	\$3,657,254	Agreement Approval Date	6/18/2013
Approved Additional Services	\$75,600	Original Planned Construction Phase	34 months
Adjusted Fee	\$3,732,854	Actual Planned Construction Phase	34 months
Billed to Date	\$1,605,998	% complete	36%

Water Conservation Program

Water Conservation Program Summary	Last Month	Total To Date
Toilets replaced	99	3,061
Showerheads replaced	50	2,301
Faucet aerators replaced	42	3,112
Clothes washers replaced	1	80
Value of rebates issued	\$20,167	\$851,421

Budget Issues Summary

The following is a summary of budget issues or risks related to the project that are being addressed by the project team. See the attached Budget Status Report for cost through the end of last month.

1. Issue (no change from prior month): Collection System Area A&D Contract litigation

The Area A&D contractor, ARB Inc., filed litigation against the County on February 26, 2014 seeking payment for claimed damages of \$15 million. The litigation was filed prior to the completion of construction or resolution of the claims process detailed in the contract.

Approach: County staff and legal counsel are working to address the litigation and mitigate potential legal costs. Initial responses to the litigation have been filed with the court. This item is expected to be ongoing for many months as the contract is completed and the claims are resolved.

Exhibit A
Project Cost to Date
Los Osos Wastewater Project
As Of 2/28/15

	Item Description	Budget	Costs to Date	Remaining Budget
1	County Financed Pre-Due Diligence costs (through 4/30/2011)	\$ 8,137,210	\$ 8,137,210	\$ -
2	Administration/Preliminary Engineering			
3	Carollo Engineers	\$ 174,562	\$ 167,197	\$ 7,365
4	Meyers Nave...	\$ 26,590	\$ 1,710	\$ 24,880
5	County Staff/Other Direct Costs	\$ 1,994,819	\$ 1,870,884	\$ 123,935
6	Subtotal	\$ 2,195,971	\$ 2,039,790	\$ 156,181
7	Unallocated	\$ -	\$ -	\$ -
8	Total of Administration/Preliminary Engineering	\$ 2,195,971	\$ 2,039,790	\$ 156,181
9	Environmental Permits/Mitigation			
10	Coastal San Luis RCD	\$ 30,361	\$ 6,790	\$ 23,571
11	Brownstein Hyatt Farber Schreck	\$ 90,000	\$ 74,540	\$ 15,460
12	Far Western Anthropological	\$ 921,606	\$ 720,776	\$ 200,830
13	Kevin Merk Associates	\$ 479,591	\$ -	\$ 479,591
14	Mid Town Restoration (R. Burke Construction, Inc)	\$ 400,762	\$ 400,762	\$ -
15	Rick Engineering	\$ 89,055	\$ 89,055	\$ -
16	SLO Green Build	\$ 97,075	\$ 71,414	\$ 25,661
17	SLO Starts Plant Propogation	\$ 54,871	\$ 54,871	\$ -
18	SWCA	\$ 56,539	\$ 56,539	\$ -
19	SWCA	\$ 333,549	\$ 260,856	\$ 72,693
20	APCD	\$ 250,000	\$ 157,007	\$ 92,993
21	Water Conservation	\$ 3,830,000	\$ 1,320,458	\$ 2,509,542
22	County Staff/Other Direct Costs	\$ 1,400,000	\$ 1,408,817	\$ (8,817)
23	Subtotal	\$ 8,033,408	\$ 4,621,885	\$ 3,411,523
24	Unallocated	\$ -	\$ -	\$ -
25	Total of Environmental Permits/Mitigation	\$ 8,033,408	\$ 4,621,885	\$ 3,411,523
26	Collection and Recycled Water - Design and Construction			
27	Camp Dresser & McKee	\$ 6,152,408	\$ 5,931,006	\$ 221,403
28	Cardno TBE	\$ 20,659	\$ 20,659	\$ -
29	Collection System Contract - Areas A & D	\$ 28,846,240	\$ 25,101,381	\$ 3,744,859
30	Collection System Contract - Areas B & C	\$ 32,367,500	\$ 31,709,286	\$ 658,214
31	Collection System Contract - Pump Stations	\$ 9,544,550	\$ 8,245,357	\$ 1,299,193
32	HDR Engineering	\$ 9,732,274	\$ 8,319,874	\$ 1,412,400
33	LOCSD 2005 Installed Pipes	\$ 772,029	\$ 772,029	\$ -
34	County Staff/Other Direct Costs	\$ 2,600,000	\$ 2,551,443	\$ 48,557
35	Subtotal	\$ 90,035,660	\$ 82,651,035	\$ 7,384,625
36	Unallocated	\$ -	\$ -	\$ -
37	Total of Collection and Recycled Water - Design and Construction	\$ 90,035,660	\$ 82,651,035	\$ 7,384,625
38	Treatment Facility - Design and Construction			
39	Carollo Engineers (Preliminary Design)	\$ 785,244	\$ 785,244	\$ -
40	Carollo Engineers (Final Design)	\$ 4,826,599	\$ 4,477,943	\$ 348,656
41	HDR Engineering	\$ 4,022,979	\$ 1,336,196	\$ 2,686,783
42	WRF Contract	\$ 50,601,814	\$ 14,845,637	\$ 35,756,177
43	County Staff/Other Direct Costs	\$ 1,100,000	\$ 959,222	\$ 140,778
44	Subtotal	\$ 61,336,636	\$ 22,404,241	\$ 38,932,395
45	Unallocated	\$ -	\$ -	\$ -
46	Total of Treatment Facility - Design and Construction	\$ 61,336,636	\$ 22,404,241	\$ 38,932,395
47	Right of Way			
48	Hamner Jewell & Associates	\$ 65,634	\$ 56,897	\$ 8,737
49	Schenberger Taylor...	\$ 66,363	\$ 50,000	\$ 16,363
50	Real Property Acquisition	\$ 2,193,000	\$ 2,247,945	\$ (54,945)
51	Price Postal Parma	\$ 130,000	\$ 105,891	\$ 24,109
52	County Staff/Other Direct Costs	\$ 415,004	\$ 417,126	\$ (2,122)
53	Subtotal	\$ 2,870,000	\$ 2,877,859	\$ (7,859)
54	Unallocated	\$ -	\$ -	\$ -
55	Total of Right of Way	\$ 2,870,000	\$ 2,877,859	\$ (7,859)
56	Subtotal of Project Costs	\$ 172,608,885	\$ 122,732,020	\$ 49,876,865
57	Contingency	\$ 3,372,522	\$ -	\$ 3,372,522
58	SRF Refinance	\$ 6,288,416	\$ 6,288,416	\$ -
59	Interest/Finance Charges	\$ 1,110,000	\$ 1,023,737	\$ 86,263
60	GRAND TOTAL	\$ 183,379,823	\$ 130,044,173	\$ 53,335,650