



Los Osos Wastewater Project Project Construction Update Month of October 2014



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Los Osos Wastewater Project Manager

Update Summary: The Pump Stations are completing site work and paving at many locations and focusing on electrical work. The plant access road and clarifiers basins were completed at the Water Recycling Facility. Work will be starting on several buildings in the next couple months.

Notable News/Milestones: At the Water Recycling Facility, the plant access road paving and storage pond berms were completed just before the first major rain storm. The paved road will provide improved access and reduce sediment tracking to Los Osos Valley Road.

Water Recycling Facility: construction progress photo

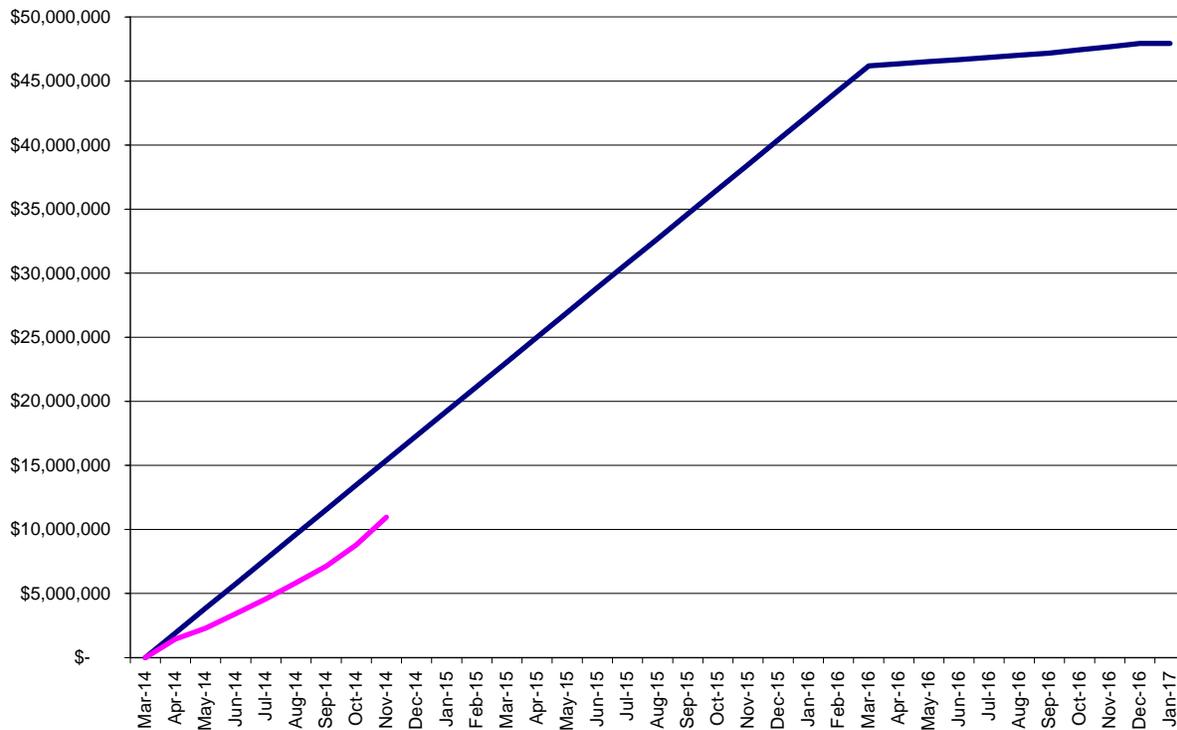


**Water Recycling Facility Contract
Contract No. 300448.08.02**

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	\$0	Approved Extra Days	0
Adjusted Contract Value	\$48,180,299	Planned Substantial Completion Date	10/27/2016
Approved Payment to Date	\$10,959,808	% complete	24%

Summary of Work	Last Month	Total To Date
Cubic Yards of Concrete placed	712	3,785
Buildings completed	0	0
Major equipment installed	0	0

Water Recycling Facility



In the last month, Auburn worked on the following:

- Completed grading and construction of new access road.
- Continue placing concrete walls of oxidation ditch.
- Completed placing concrete walls of clarifiers.
- Continue construction of electrical building with placement of under-slab conduits.
- Installing yard piping throughout site.

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

- Continue placing concrete walls of oxidation ditch.
- Conducting leak testing and backfill clarifiers.
- Continue construction electrical building with preparing slab.
- Continue installing yard piping throughout site.
- 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. 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



Rebar and forms for oxidation ditch walls



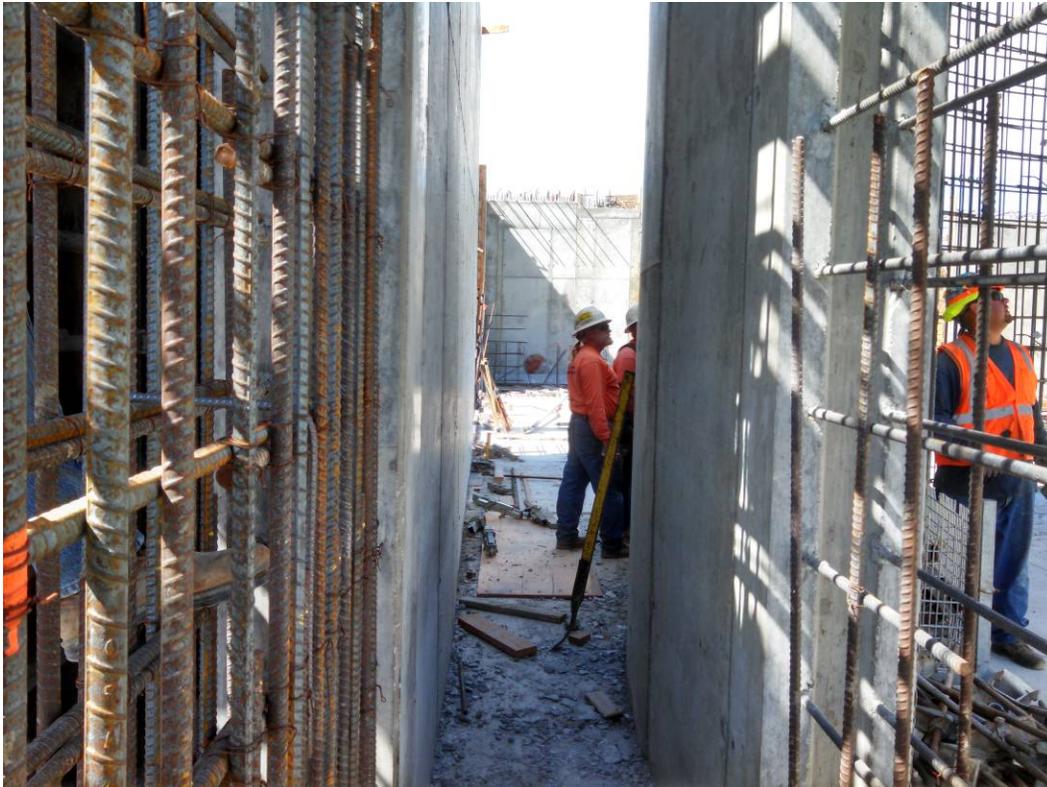
Forming oxidation ditch center wall



Oxidation ditch center wall



Rebar and forms



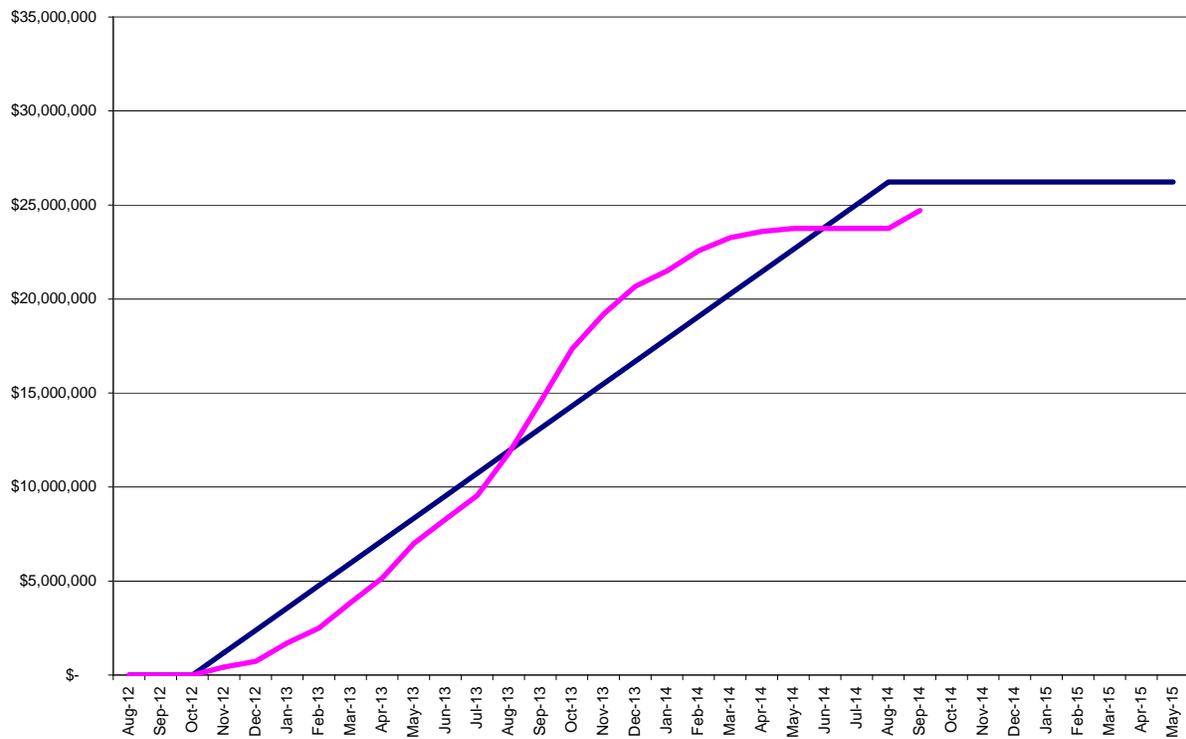
Oxidation ditch anoxic zone channel

**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



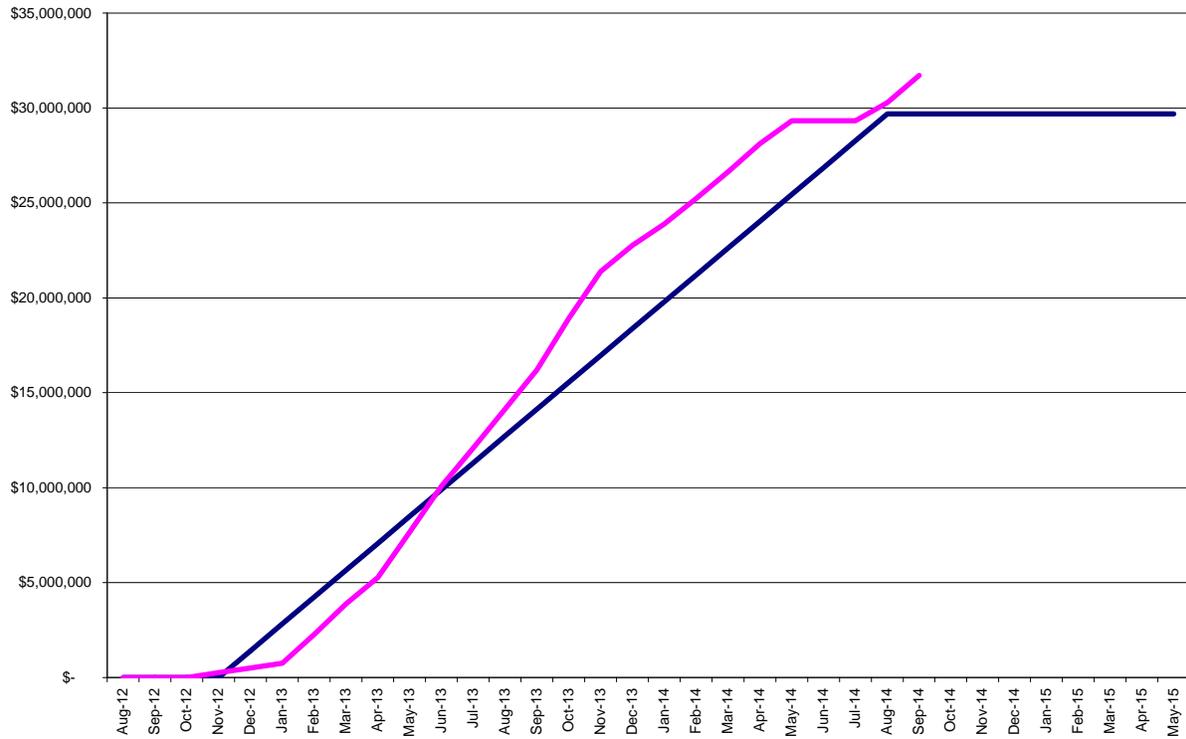
Contract Schedule Review: ARB has met the substantial completion date of 7/8/2014 and the final completion date of 9/5/14.

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



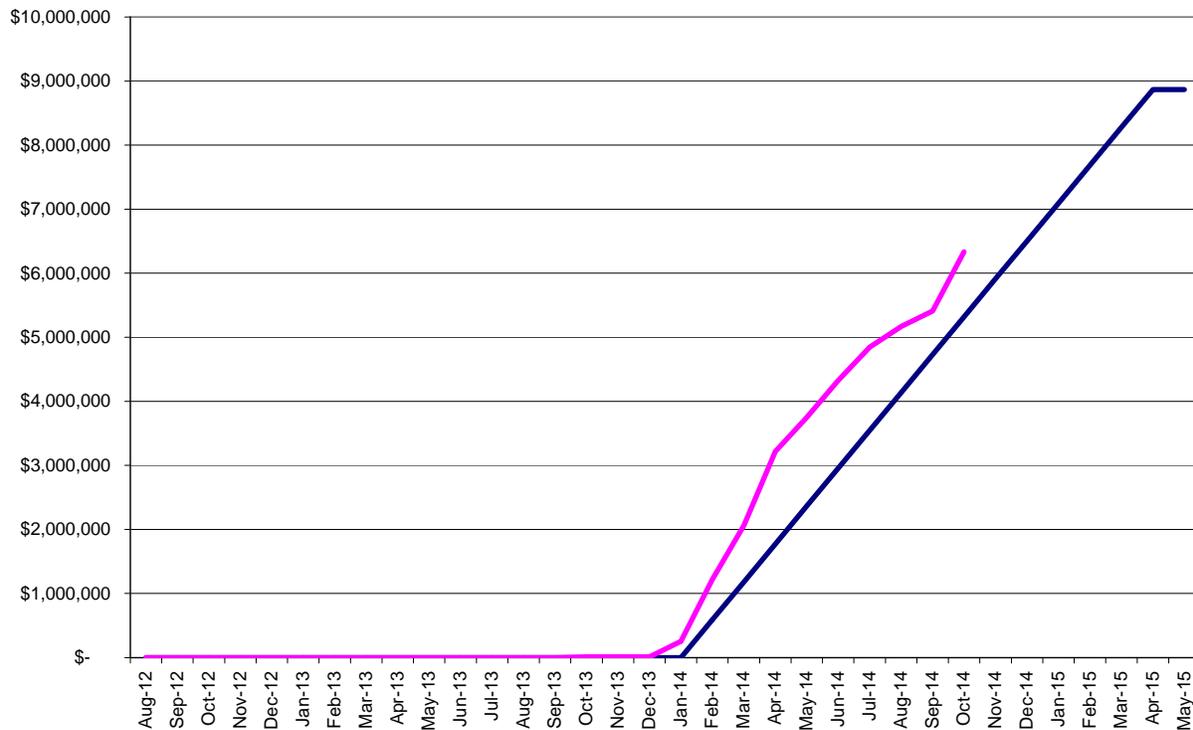
Contract Schedule Review: W.A. Rasic has met the substantial completion date of 7/31/2014 and the final completion date of 9/29/2014.

**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	\$190,482	Approved Extra Days	30
Adjusted Contract Value	\$8,867,332	Planned Substantial Completion Date	3/20/2015
Approved Payment to Date	\$6,333,860	% complete	75%

Summary of Work	Last Month	Total To Date
Major equipment installed	14	42
Generator buildings completed	0	6
Pump stations completed	0	18

Collection System Pump Stations



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

- Completed construction of remaining stand-by generator buildings.
- Continuing installing equipment at pump stations and generator buildings.
- Installing wiring in conduits throughout system.

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

- Continuing construction of remaining stand-by generator buildings, including final site work and paving
- Continuing installing equipment at pump stations and generator buildings.

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.

Pictures



Mid Town pump station – electrical equipment pads

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	\$5,931,006	% complete	96%

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	\$8,131,699	% complete	92%

Services Summary	Last Month	Total To Date
Memos/Letters	2	810
RFI's	1	435
Submittals	15	585
Survey Requests	0	895
Lateral change requests	0	949
Approved change orders	1	17

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	\$4,325,944	% complete	88%

Construction Management Agreement Summary			
Engineer	HDR, Inc.		
Fee Estimate	\$3,657,254	Agreement Approval Date	6/18/2013
Approved Additional Services	\$0	Original Planned Construction Phase	34 months
Adjusted Fee	\$3,657,254	Actual Planned Construction Phase	34 months
Billed to Date	\$1,044,320	% complete	23%

Water Conservation Program

Water Conservation Program Summary	Last Month	Total To Date
Toilets replaced	36	2,495
Showerheads replaced	36	2,049
Faucet aerators replaced	51	2,744
Clothes washers replaced	2	60
Value of rebates issued	\$10,596	\$705,486

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.

Project Cost to Date
Los Osos Wastewater Project
As Of 10/31/14

	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	\$ 1,852,994	\$ 141,825
6	Subtotal	\$ 2,195,971	\$ 2,021,900	\$ 174,071
7	Unallocated	\$ -	\$ -	\$ -
8	Total of Administration/Preliminary Engineering	\$ 2,195,971	\$ 2,021,900	\$ 174,071
9	Environmental Permits/Mitigation			
10	Coastal San Luis RCD	\$ 30,361	\$ 6,790	\$ 23,571
11	Brownstein Hyatt Farber Schreck	\$ 90,000	\$ 72,751	\$ 17,249
12	Far Western Anthropological	\$ 921,606	\$ 641,544	\$ 280,062
13	Mid Town Restoration (R. Burke Construction, Inc)	\$ 400,762	\$ 400,762	\$ -
14	Rick Engineering	\$ 89,055	\$ 89,055	\$ -
15	SLO Green Build	\$ 97,075	\$ 69,199	\$ 27,876
16	SLO Starts Plant Propogation	\$ 54,871	\$ 54,871	\$ -
17	SWCA	\$ 56,539	\$ 56,539	\$ -
18	SWCA	\$ 333,549	\$ 254,905	\$ 78,645
19	APCD	\$ 250,000	\$ 157,007	\$ 92,993
20	Water Conservation	\$ 3,830,000	\$ 1,113,350	\$ 2,716,650
21	County Staff/Other Direct Costs	\$ 1,400,000	\$ 1,329,182	\$ 70,818
22	Subtotal	\$ 7,553,817	\$ 4,245,953	\$ 3,307,864
23	Unallocated	\$ -	\$ -	\$ -
24	Total of Environmental Permits/Mitigation	\$ 7,553,817	\$ 4,245,953	\$ 3,307,864
25	Collection and Recycled Water - Design and Construction			
26	Camp Dresser & McKee	\$ 6,152,408	\$ 5,914,682	\$ 237,726
27	Cardno TBE	\$ 20,659	\$ 20,659	\$ -
28	Collection System Contract - Areas A & D	\$ 28,846,240	\$ 25,101,381	\$ 3,744,859
29	Collection System Contract - Areas B & C	\$ 32,367,500	\$ 31,709,286	\$ 658,214
30	Collection System Contract - Pump Stations	\$ 9,544,550	\$ 5,697,203	\$ 3,847,347
31	HDR Engineering	\$ 9,732,274	\$ 7,998,402	\$ 1,733,872
32	LOCSD 2005 Installed Pipes	\$ 772,029	\$ 772,029	\$ -
33	County Staff/Other Direct Costs	\$ 2,600,000	\$ 2,438,398	\$ 161,603
34	Subtotal	\$ 90,035,660	\$ 79,652,040	\$ 10,383,620
35	Unallocated	\$ 0	\$ -	\$ 0
36	Total of Collection and Recycled Water - Design and Construction	\$ 90,035,660	\$ 79,652,040	\$ 10,383,620
37	Treatment Facility - Design and Construction			
38	Carollo Engineers (Preliminary Design)	\$ 785,244	\$ 785,244	\$ -
39	Carollo Engineers (Final Design)	\$ 4,826,599	\$ 4,117,029	\$ 709,570
40	HDR Engineering	\$ 4,022,979	\$ 878,409	\$ 3,144,570
41	WRF Contract	\$ 50,601,814	\$ 9,255,124	\$ 41,346,690
42	County Staff/Other Direct Costs	\$ 1,100,000	\$ 801,833	\$ 298,167
43	Subtotal	\$ 61,336,636	\$ 15,837,638	\$ 45,498,998
44	Unallocated	\$ -	\$ -	\$ -
45	Total of Treatment Facility - Design and Construction	\$ 61,336,636	\$ 15,837,638	\$ 45,498,998
46	Right of Way			
47	Hamner Jewell & Associates	\$ 65,634	\$ 56,897	\$ 8,737
48	Schenberger Taylor...	\$ 66,363	\$ 50,000	\$ 16,363
49	Real Property Acquisition	\$ 2,193,000	\$ 2,247,945	\$ (54,945)
50	Price Postal Parma	\$ 130,000	\$ 105,891	\$ 24,109
51	County Staff/Other Direct Costs	\$ 415,004	\$ 415,042	\$ (38)
52	Subtotal	\$ 2,870,000	\$ 2,875,775	\$ (5,775)
53	Unallocated	\$ -	\$ -	\$ -
54	Total of Right of Way	\$ 2,870,000	\$ 2,875,775	\$ (5,775)
55	Subtotal of Project Costs	\$ 172,129,294	\$ 112,770,517	\$ 59,358,777
56	Contingency	\$ 3,852,113	\$ -	\$ 3,852,113
57	SRF Refinance	\$ 6,288,416	\$ 6,288,416	\$ -
58	Interest/Finance Charges	\$ 1,110,000	\$ 1,023,737	\$ 86,263
59	GRAND TOTAL	\$ 183,379,823	\$ 120,082,670	\$ 63,297,153