



Los Osos Wastewater Project Project Construction Update Month of December 2015



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Los Osos Wastewater Project Manager

Update Summary: Finish work, electrical wiring and control equipment installation continue to be the main focus of the work. The subcontractor trades are on-site finishing the buildings with painting, fire suppression system, lighting, and doors. Start-up and user connections are planned for late-March 2016.

Notable News/Milestones: The last major piece of equipment was installed which was the filter for the on-site groundwater wells. The County has begun providing the required environmental training to contractors who are interested in performing the sewer lateral connections on private property. The County also held a community workshop in preparation for the sewer lateral connections. Approximately 1,200 residents attended the January 23rd workshop.

Water Recycling Facility: construction progress photo



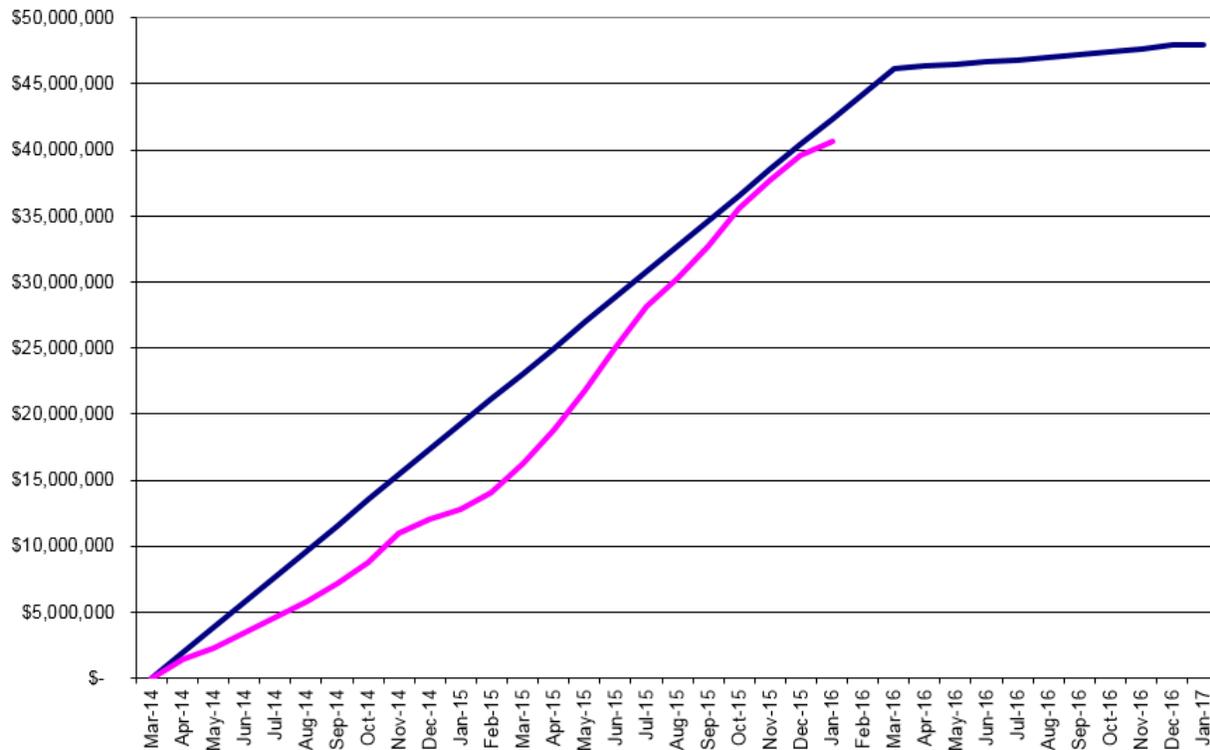
Aerial View of the Water Recycling Facility

**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	\$165,673	Approved Extra Days	4
Adjusted Contract Value	\$48,345,972	Planned Substantial Completion Date	10/31/2016
Approved Payment to Date	\$40,606,136	% complete	88%

Summary of Work	Last Month	Total To Date
Cubic Yards of Concrete placed	106	11,509
Buildings completed	1	1
Major equipment installed	4	46

Water Recycling Facility



In the last month, Auburn worked on the following:

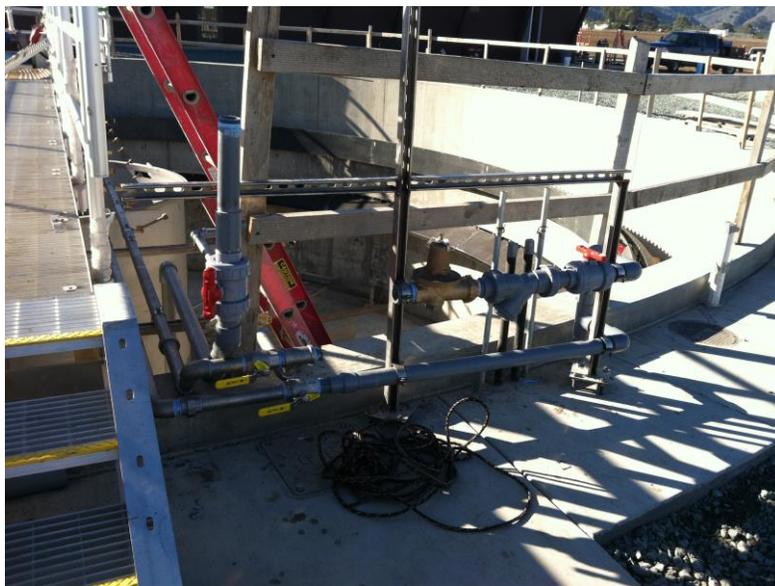
- Continue construction of facility buildings including plumbing, electrical, and painting.
- Finish small diameter piping at the Oxidation Ditch and Secondary Clarifiers.
- Continue installing electrical control panels and pulling wire in conduits.
- Begin installing handrails and bollards throughout the facility and around structures

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

- Continuing building construction including overhead roll-up doors and HVAC.
- Continuing installation of electrical control panels and pulling wire in conduits.
- Complete and test the chemical system and area piping.
- Start-up the Aerators in the Oxidation Ditch and Clarifier Mechanisms

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 28, 2016. After flows have increased sufficiently during the start-up phase to allow for commissioning and final testing, the contract substantial completion date is 10/31/16.

Pictures



Small Diameter Piping in progress at the Secondary Clarifier



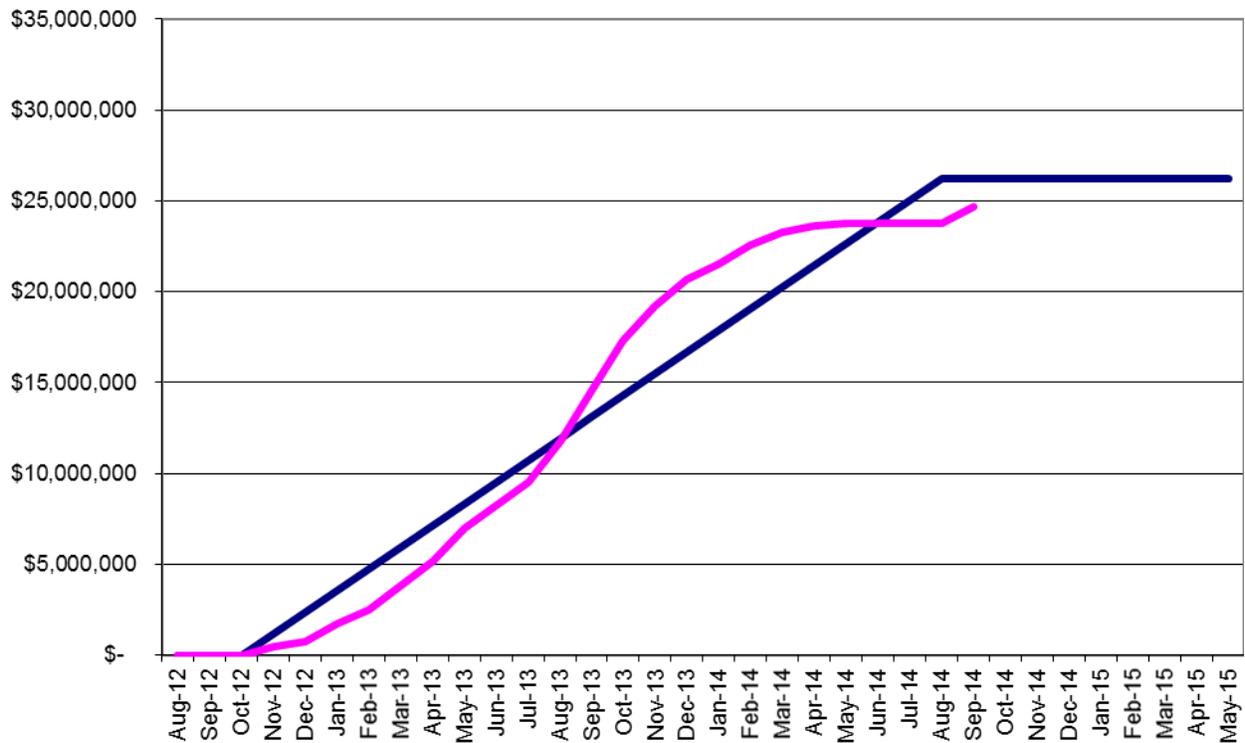
Dewatering Building

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



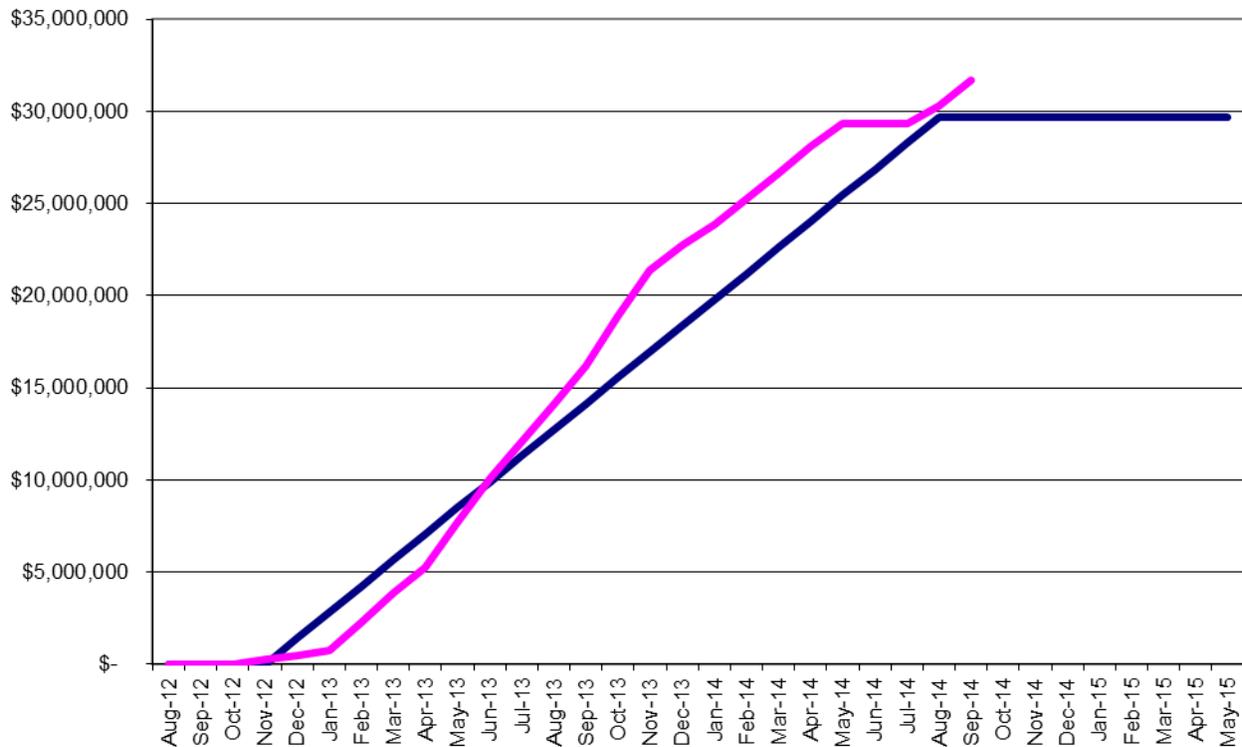
Contract Schedule Review: ARB has met the substantial completion date of 7/8/2014 and the final completion date of 9/5/14.

**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



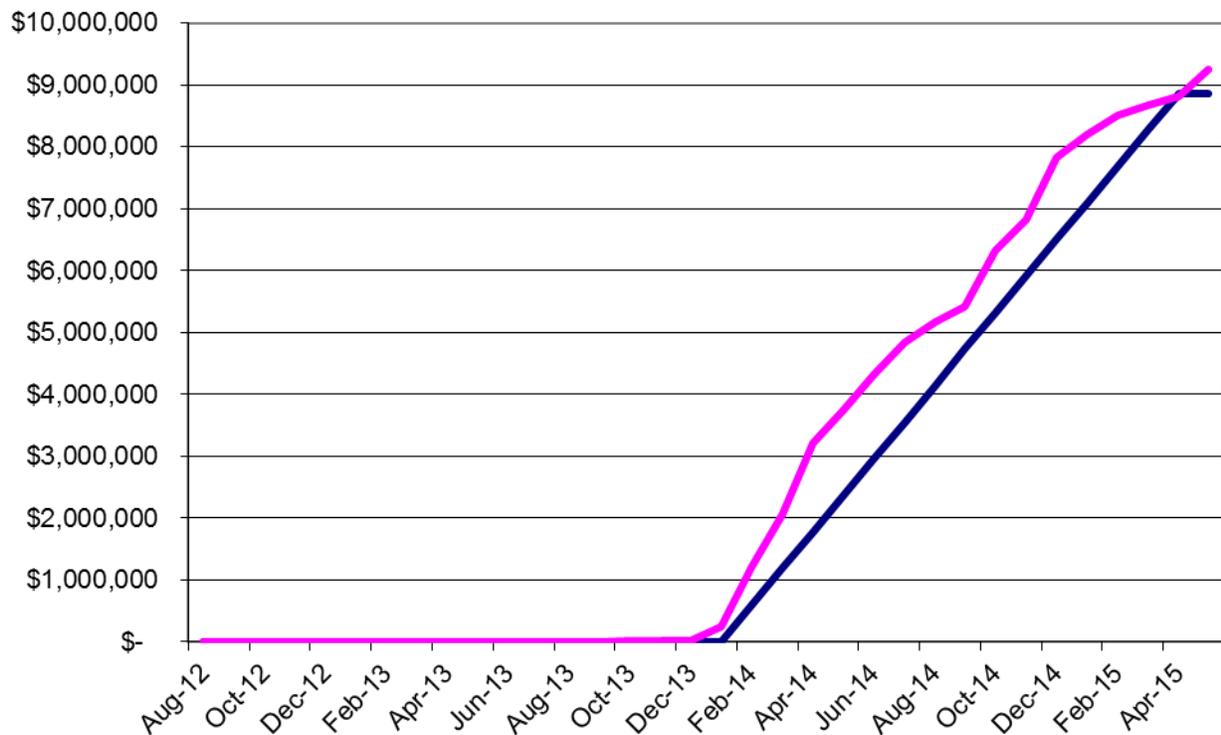
Contract Schedule Review: W.A. Rasic has met the substantial completion date of 7/31/2014 and the final completion date of 9/29/2014.

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	\$570,833	Approved Extra Days	73
Adjusted Contract Value	\$9,247,683	Planned Substantial Completion Date	5/1/2015
Approved Payment to Date	\$9,247,683	% complete	100%

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

Collection System Pump Stations



Contract Schedule Review: Mountain Cascade has met the substantial completion date of 5/1/2015 and the final completion date of 5/23/2015.

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	\$6,009,133	% complete	99%

Construction Management Agreement Summary			
Engineer	HDR, Inc.		
Fee Estimate	\$6,891,632	Agreement Approval Date	12/13/2011
Approved Additional Services	\$2,290,642	Original Planned Construction Phase	18 months
Adjusted Fee	\$9,182,274	Actual Planned Construction Phase	30 months
Billed to Date	\$9,006,583	% complete	98%

Services Summary	Totals
Memos/Letters	840
RFI's	462
Submittals	632
Survey Requests	895
Lateral change requests	949
Approved change orders	22

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 no 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	\$214,250	Original Planned Design and Construction Phase	46 months
Adjusted Fee	\$4,811,011	Actual Planned Design and Construction Phase	46 months
Billed to Date	\$4,961,544	% complete	97%

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	\$2,994,329	% complete	76%

Water Conservation Program

Water Conservation Program Summary	Last Month	Total To Date
Toilets replaced	8	3,195
Showerheads replaced	3	2,345
Faucet aerators replaced	0	3,201
Clothes washers replaced	0	97
Value of rebates issued	\$1,973	\$895,243

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 and later amended their claim to approximately \$22 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 until the claims are resolved.

Project Cost to Date
Los Osos Wastewater Project
As Of 12/31/2015

	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	\$ 167,197	\$ 167,197	\$ -
4	Meyers Nave...	\$ 26,590	\$ 1,710	\$ 24,880
5	County Staff/Other Direct Costs	\$ 2,102,184	\$ 2,472,152	\$ (369,968)
6	Subtotal	\$ 2,295,971	\$ 2,641,059	\$ (345,088)
7	Unallocated	\$ -	\$ -	\$ -
8	Total of Administration/Preliminary Engineering	\$ 2,295,971	\$ 2,641,059	\$ (345,088)
9	Environmental Permits/Mitigation			
10	Coastal San Luis RCD	\$ 30,361	\$ 9,479	\$ 20,882
11	Brownstein Hyatt Farber Schreck	\$ 90,000	\$ 81,917	\$ 8,083
12	Far Western Anthropological	\$ 921,606	\$ 863,749	\$ 57,857
13	Kevin Merk Associates	\$ 479,591	\$ 53,820	\$ 425,771
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	\$ 81,497	\$ 15,578
17	SLO Starts Plant Propogation	\$ 54,871	\$ 54,871	\$ -
18	SWCA	\$ 56,539	\$ 56,539	\$ -
19	SWCA	\$ 333,549	\$ 272,748	\$ 60,801
20	APCD	\$ 157,007	\$ 157,007	\$ -
21	Water Conservation	\$ 3,830,000	\$ 1,427,462	\$ 2,402,538
22	County Staff/Other Direct Costs	\$ 1,592,993	\$ 1,616,379	\$ (23,386)
23	Subtotal	\$ 8,133,408	\$ 5,165,285	\$ 2,968,124
24	Unallocated	\$ -	\$ -	\$ -
25	Total of Environmental Permits/Mitigation	\$ 8,133,408	\$ 5,165,285	\$ 2,968,124
26	Collection and Recycled Water - Design and Construction			
27	Camp Dresser & McKee	\$ 6,152,408	\$ 5,974,133	\$ 178,275
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	\$ 31,709,286	\$ 31,709,286	\$ -
31	Collection System Contract - Pump Stations	\$ 9,544,550	\$ 9,247,683	\$ 296,867
32	HDR Engineering	\$ 9,182,274	\$ 9,001,296	\$ 180,978
33	LOCSD 2005 Installed Pipes	\$ 772,029	\$ 772,029	\$ -
34	County Staff/Other Direct Costs	\$ 3,258,214	\$ 2,932,844	\$ 325,370
35	Subtotal	\$ 89,485,660	\$ 84,759,311	\$ 4,726,349
36	Unallocated	\$ -	\$ -	\$ -
37	Total of Collection and Recycled Water - Design and Construction	\$ 89,485,660	\$ 84,759,311	\$ 4,726,349
38	Treatment Facility - Design and Construction			
39	Carollo Engineers (Preliminary Design)	\$ 785,244	\$ 785,244	\$ -
40	Carollo Engineers (Final Design)	\$ 5,140,314	\$ 4,932,360	\$ 207,954
41	HDR Engineering	\$ 4,022,979	\$ 2,737,589	\$ 1,285,390
42	WRF Contract	\$ 50,601,814	\$ 41,642,473	\$ 8,959,341
43	County Staff/Other Direct Costs	\$ 1,750,000	\$ 1,451,214	\$ 298,786
44	Subtotal	\$ 62,300,351	\$ 51,548,879	\$ 10,751,471
45	Unallocated	\$ -	\$ -	\$ -
46	Total of Treatment Facility - Design and Construction	\$ 62,300,351	\$ 51,548,879	\$ 10,751,471
47	Right of Way			
48	Hamner Jewell & Associates	\$ 56,897	\$ 56,897	\$ -
49	Schenberger Taylor...	\$ 50,000	\$ 50,000	\$ -
50	Real Property Acquisition	\$ 2,247,945	\$ 2,247,945	\$ -
51	Price Postal Parma	\$ 105,891	\$ 105,891	\$ -
52	County Staff/Other Direct Costs	\$ 425,000	\$ 417,844	\$ 7,156
53	Subtotal	\$ 2,885,733	\$ 2,878,577	\$ 7,156
54	Unallocated	\$ -	\$ -	\$ -
55	Total of Right of Way	\$ 2,885,733	\$ 2,878,577	\$ 7,156
56	Subtotal of Project Costs	\$ 173,238,333	\$ 155,130,322	\$ 18,108,011
57	Contingency	\$ 2,743,074	\$ -	\$ 2,743,074
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	\$ 162,442,475	\$ 20,937,348