

TENNESSEE WASTEWATER SYSTEMS, INC.
Environmental Rate Rider - Depository Account
Details as of 12/31/2018

Type	Date	Num	Name	Memo	Debit	Credit	Balance
131 · Cash							
131.15 · FirstBank - Rider Depository							
Check	9/20/2018	7815	Tennessee Wastewater Systems, Inc.	August 2018 Environmental Rate Rider Revenues - ETN	4,504.61		4,504.61
Check	9/20/2018	7815	Tennessee Wastewater Systems, Inc.	August 2018 Environmental Rate Rider Revenues - MTN	7,659.12		12,163.73
Gen Journal	10/31/2018	101618	UMS Receipts	September 2018 Environmental Rate Rider Revenues - MTN	7,817.04		19,980.77
Gen Journal	10/31/2018	101618	UMS Receipts	September 2018 Environmental Rate Rider Revenues - ETN	4,537.56		24,518.33
Gen Journal	10/31/2018		FirstBank	Bank Service Charge		21.25	24,497.08
Bill Pmt - Check	11/9/2018	1000	Hayes Pipe Supply	Materials		703.13	23,793.95
Bill Pmt - Check	11/9/2018	1001	Southern Pipe & Supply	Sand Filter Materials		2,845.14	20,948.81
Bill Pmt - Check	11/9/2018	1002	Volunteer Utility Sales, Inc.	Filter Rehab		369.64	20,579.17
Check	11/13/2018		FirstBank	Bank Service Charge		21.15	20,558.02
Transfer	11/16/2018		Transfer from Checking	October 2018 Environmnetal Rate Rider Revenues - MTN/ETN	13,861.25		34,419.27
Bill Pmt -Check	12/11/2018	1003	Adenus Technologies, LLC	CEDAR HILL		328.90	34,090.37
Bill Pmt -Check	12/11/2018	1004	Cumberland Tractor & Equipment, LLC	Invoices 13764, 13820, 13823 - Equipment Rental		16,223.64	17,866.73
Bill Pmt -Check	12/11/2018	1005	Midway Supply Company			825.99	17,040.74
Check	12/13/2018	debit	FirstBank	Service Charge		20.91	17,019.83
General Journal	12/18/2018	121818	Transfer from Checking	MTN - \$8,952.39; ETN - \$5,134.66 - Nov 2018 Revenues	14,087.05		31,106.88
Bill Pmt -Check	12/19/2018	1007	Cumberland Tractor & Equipment, LLC	Equipment Rental		6,143.64	24,963.24
General Journal	12/21/2018	122118	Loan Proceeds	Draw from loan towards project costs incurred/paid to date	193,148.79		218,112.03
Bill Pmt -Check	12/27/2018	1008	Adenus Operations	Invoices 1764, 1765, 1763		94,167.34	123,944.69
Transfer	12/27/2018		Transfer to Checking	Funds Transfer for Smoky Village Land paid from checking		59,327.89	64,616.80
Total 131.15 · FirstBank - Rider Depository					245,615.42	180,998.62	64,616.80

Cedar Hill
Cost Analysis
29-Aug-18

EXPENSES

Consulting & Engineering	<u>Units</u>	<u>per</u>	<u>Price Per</u>	<u>Budget</u>		<u>Expenditures</u>	<u>% of Cost</u>
Project Management	1	each	23,650.00	\$ 23,650.00			
Bond	1	each	4,250.00	\$ 4,250.00			
Engineering	1	each	\$ 24,000.00	\$ 24,000.00			
			Subtotal	\$ 51,900.00			
					\$	51,900.00	\$ 40,000.00 77.07%

Adenus Technology	<u>Units</u>	<u>per</u>	<u>Price per</u>	<u>Budget</u>			
Sand Filter	1	each	\$ 42,600.00	\$ 42,600.00			
Drip Zones	1	each	\$ 18,500.00	\$ 18,500.00			
Dose Tank Pumps & Parts	1	each	\$ 14,000.00	\$ 14,000.00			
Control Panel & Arkal	1	each	\$ 19,000.00	\$ 19,000.00			
Recirculation Tank Pumps & Parts	1	each	\$ 5,000.00	\$ 5,000.00			
			Subtotal	\$ 99,100.00			
					\$	99,100.00	\$ 10,827.54 10.93%

Tanks, Pond, Filter Media & Building	<u>Units</u>	<u>per</u>	<u>Price per</u>	<u>Budget</u>			
Filter media	1	each	\$ 15,000.00	\$ 15,000.00			
Dose Tank	1	each	\$ 10,000.00	\$ 10,000.00			
Recirculation Tank	1	each	\$ 11,000.00	\$ 11,000.00			
Control Building	1	each	\$ 10,000.00	\$ 10,000.00			
			Subtotal	\$ 46,000.00			
					\$	46,000.00	

Equipment	<u>Units</u>	<u>per</u>	<u>Price per</u>	<u>Budget</u>			
Instrumentation	1	each	\$ 7,500.00	\$ 7,500.00			
Pumps	2	each	\$ 3,000.00	\$ 6,000.00			
Excavator	8	weeks	\$ 1,000.00	\$ 8,000.00			
			Subtotal	\$ 21,500.00			
					\$	21,500.00	\$ 28,485.28 132.49%

Labor	<u>Units</u>	<u>per</u>	<u>Price per</u>	<u>Budget</u>			
Labor	800	hour	\$ 75.00	\$ 60,000.00			
			Subtotal	\$ 60,000.00			
					\$	60,000.00	

			<u>TOTAL</u>		\$	278,500.00	\$ 79,312.82 28.48%

Type	Date	Num	Name	Memo	Debit	Credit	Balance
Bill	8/7/2018	1764	Adenus Operations	E&D - Cedar Hill Settlement	40,000.00		40,000.00
Bill	10/22/2018	753930	Hayes Pipe Supply	Materials	703.13		40,703.13
Bill	10/23/2018	2433483-00	Southern Pipe & Supply	Sand Filter	2,845.14		43,548.27
Bill	11/1/2018	1562170	Midway Supply Company	Filter walls	717.71		44,265.98
Bill	11/1/2018	1562208	Midway Supply Company	Filter walls	108.28		44,374.26
Bill	11/7/2018	756372	Hayes Pipe Supply	Materials	354.67		44,728.93
Bill	11/21/2018	13764	Cumberland Tractor & Equipment	Excavator Rental	5,899.51		50,628.44
Bill	11/23/2018	13820	Cumberland Tractor & Equipment	Excavator Rental	6,664.25		57,292.69
Bill	11/29/2018	13823	Cumberland Tractor & Equipment	Excavator Rental	3,659.88		60,952.57
Bill	12/4/2018	16033	Adenus Technologies	Materials	328.90		61,281.47
Bill	12/14/2018	13877	Cumberland Tractor & Equipment	Excavator Rental	6,143.64		67,425.11
Bill	12/20/2018	13949	Cumberland Tractor & Equipment	Dozer Rental	6,118.00		73,543.11
Bill	12/26/2018	31876727	Vulcan	Materials	5,769.71		79,312.82

Maple Green
Cost Analysis
29-Aug-18

EXPENSES

<u>Consulting & Engineering</u>	<u>Units</u>	<u>per</u>	<u>Price Per</u>	<u>Budget</u>	<u>Expenditures</u>	<u>% of Cost</u>
Project Management	1	each	29,750.00	\$ 29,750.00		
Bond	1	each	5,400.00	\$ 5,400.00		
Engineering	1	each	\$ 24,000.00	\$ 24,000.00		
			Subtotal	\$ 59,150.00		
					\$ 59,150.00	67.62%

Adenus Technology	<u>Units</u>	<u>per</u>	<u>Price per</u>	<u>Budget</u>			
Sand Filter	1	each	\$ 58,500.00	\$	58,500.00		
Drip Zones	1	each	\$ 26,500.00	\$	26,500.00		
Dose Tank Pumps & Parts	1	each	\$ 20,500.00	\$	20,500.00		
Control Panel & Arkal	1	each	\$ 24,750.00	\$	24,750.00		
Recirculation Tank Pumps & Parts	1	each	\$ 7,000.00	\$	7,000.00		
			Subtotal	\$	137,250.00		
						\$ 137,250.00	\$ 22,156.51 16.14%

Tanks, Pond, Filter Media & Building	<u>Units</u>	<u>per</u>	<u>Price per</u>	<u>Budget</u>
Filter media	1	each	\$ 22,000.00	\$ 22,000.00
Dose Tank	1	each	\$ 12,000.00	\$ 12,000.00
Recirculation Tank	1	each	\$ 17,000.00	\$ 17,000.00
Fencing	800	ln	\$ 17.00	\$ 13,600.00
Control Building	1	each	\$ 10,000.00	\$ 10,000.00
			Subtotal	\$ 74,600.00
				\$ 74,600.00

Equipment	Units	per	Price per	Budget		
Instrumentation	1	each	\$ 7,500.00	\$ 7,500.00		
Pumps	2	each	\$ 3,000.00	\$ 6,000.00	\$ 3,208.73	53.48%
Excavator	8	weeks	\$ 1,000.00	\$ 8,000.00		
			Subtotal	\$ 21,500.00		
					\$ 21,500.00	

Labor	<u>Units</u>	<u>per</u>	<u>Price per</u>	<u>Budget</u>	
Labor	960	hour	\$ 75.00	\$ 72,000.00	
			Subtotal	\$ 72,000.00	
					\$ 72,000.00

<u>TOTAL</u>	\$	364,500.00	\$	65,365.24	17.93%
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Type	Date	Num	Name	Memo	Debit	Credit	Balance
Bill	8/7/2018	15406	Adenus Technologies, LLC	Maple Green - Pump Replacement	3,208.73		3,208.73
Bill	8/7/2018	1763	Adenus Operations	E&D - Maple Green Settlement	40,000.00		43,208.73
General Journal	8/27/2018	82718		Reclass Maple Green repairs to CIP account	22,156.51		65,365.24

Maple Green
Smoky Village
29-Aug-18

EXPENSES

Consulting & Engineering	Units	per	Price Per	Budget	Expenditures	% of Cost
Project Management/Engineering	1	each	14,167.34	\$ 14,167.34	\$ 14,167.34	100.00%

Subtotal \$ 14,167.34

\$ 14,167.34

Previous Completed Construction \$ 1,869.32

Construction	Units	per	Price per	Budget
Labor	1	each	\$ 46,135.00	\$ 46,135.00
Material	1	each	\$ 28,296.40	\$ 28,296.40
Equipment	1	each	\$ 34,510.00	\$ 34,510.00
Contingencies (5%)	1	each	\$ 5,447.07	\$ 5,447.07
Overhead (15%)	1	each	\$ 16,341.21	\$ 16,341.21
Profit	1	each	\$ 12,528.26	\$ 12,528.26
				\$ 143,257.94

Property Acquisiton \$ 42,000.00 *Paid from checking - due from loan

TOTAL \$ 159,294.60 \$ 14,167.34 8.89%

Type	Date	Num	Name	Memo	Debit	Credit	Balance
Bill	8/7/2018	1765	Adenus Operations	E&D - Smoky Village Settlement	14,167.34		14,167.34