

TENNESSEE WASTEWATER SYSTEMS, INC.
Environmental Rate Rider - Depository Account
Details as of 02/28/2019

Electronically Filed in TPUC Docket Room on
March 5, 2019 at 3:40 p.m.

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
Bill Pmt -Check	1/10/2019	1009	Adenus Operations	CEDAR HILL - CONSTRUCTION CREW WAGES		10,018.87	54,597.93
Bill Pmt -Check	1/10/2019	1010	Cumberland Tractor & Equipment, LLC	Equipment Rental		6,773.50	47,824.43
Bill Pmt -Check	1/10/2019	1011	Vulcan	Sand Filter Materials		7,024.05	40,800.38
General Journal	1/16/2019	11619	Transfer from Checking	MTN - \$7,918.56; ETN - \$4,561.01 - Dec 2018 Revenues	12,479.57		53,279.95
Transfer	1/24/2019		Draw Down from Loan	Funds Transfer - 1/24/19 Invoices Paid	98,047.34		151,327.29
Bill Pmt -Check	1/25/2019	1012	Adenus Technologies, LLC	Sand Filter Materials		79,535.08	71,792.21
Bill Pmt -Check	1/25/2019	1013	Hayes Pipe Supply, INC.	Drip Zone Materials		155.75	71,636.46
Bill Pmt -Check	1/25/2019	1014	Steinhouse Supply Co. Inc.	Control Building - Electrical Supplies		379.72	71,256.74
Bill Pmt -Check	1/25/2019	1015	Winn Materials, LLC	Filter Media		17,976.79	53,279.95
Check	1/31/2019	DRAFT	FirstBank	Loan 1160026211 - Payment		9,632.37	43,647.58
Bill Pmt -Check	2/11/2019	1016	Adam E. Proffitt	CEDAR HILL - TRUCKLOAD SERVICE		2,550.00	43,647.58
Bill Pmt -Check	2/11/2019	1017	Adenus Operations	CEDAR HILL - CONSTRUCTION CREW WAGES		12,818.38	43,647.58
Bill Pmt -Check	2/11/2019	1018	Adenus Technologies, LLC	CEDAR HILL		14,427.24	43,647.58
Bill Pmt -Check	2/11/2019	1019	Cumberland Tractor & Equipment, LLC	JACKSON RD - CEDAR HILL - TN		6,172.63	43,647.58
Bill Pmt -Check	2/11/2019	1020	Equipment Finders, Inc.	CEDAR HILL - EQUIP RENTAL		3,360.35	43,647.58
Bill Pmt -Check	2/11/2019	1021	J.R. Hayes Construction Co.,Inc.	Cedar Hill		14,903.17	43,647.58
Bill Pmt -Check	2/11/2019	1022	Winn Materials, LLC			4,087.36	43,647.58
Transfer	2/11/2019			Funds Transfer - Invoices paid on 2/11/19	58,319.13		43,647.58
General Journal	2/19/2019	21919		January 2019 Revenues - MTN - \$8,016.32; ETN - \$4,579.68	12,596.00		43,647.58
Bill Pmt -Check	2/25/2019	1023	J.R. Hayes Construction Co.,Inc.			12,202.44	43,647.58
Check	2/28/2019	DRAFT	FirstBank	Loan 1160026211		9,784.75	43,647.58
Total 131.15 · FirstBank - Rider Depository					427,057.46	392,801.07	34,256.39

Cedar Hill
Cost Analysis
28-Feb-19

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	\$ 106,223.12	107.19%

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	\$ 43,879.15	95.39%

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	\$ 49,041.43	228.10%

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	\$ 31,545.91	52.58%

			<u>TOTAL</u>	\$ 278,500.00	\$ 270,689.61	97.20%
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105.3 - CEDAR HILL - CONSTRUCTION IN PROCESS

As of 2/28/19

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, LLC	Materials	328.90		61,281.47
Bill	12/14/2018	13877	Cumberland Tractor & Equipment, LLC	Equipment Rental	6,143.64		67,425.11
Bill	12/20/2018	13949	Cumberland Tractor & Equipment, LLC	Equipment Rental	6,118.00		73,543.11
Bill	12/20/2018	16100	Adenus Technologies, LLC	Sand Filter	55,144.23		128,687.34
Bill	12/21/2018	12103	Cumberland Tractor & Equipment, LLC	Equipment Rental	655.50		129,342.84
Bill	12/26/2018	31876727	Vulcan	Sand Filter	5,769.71		135,112.55
Bill	1/7/2019	4060677	Winn Materials, LLC	Filter Media	765.63		135,878.18
Bill	1/8/2019	31883914	Vulcan	Sand Filter	1,254.34		137,132.52
Bill	1/8/2019	4060732	Winn Materials, LLC	Filter Media	1,566.63		138,699.15
Bill	1/9/2019	1824	Adenus Operations	Labor	10,018.87		148,718.02
Bill	1/9/2019	4060775	Winn Materials, LLC	Filter Media	1,553.32		150,271.34
Bill	1/10/2019	763906	Hayes Pipe Supply, INC.	Drip Zone Materials	155.75		150,427.09
Bill	1/10/2019	1066648-01	Steinhouse Supply Co. Inc.	Control Building - Electrical	347.70		150,774.79
Bill	1/11/2019	16189	Adenus Technologies, LLC	Sand Filter	1,457.59		152,232.38
Bill	1/12/2019	4060868	Winn Materials, LLC	Filter Media	11,758.29		163,990.67
Bill	1/14/2019	1066772-01	Steinhouse Supply Co. Inc.	Control Building - Electrical	32.02		164,022.69
Bill	1/14/2019	16201	Adenus Technologies, LLC	Sand Filter	1,803.14		165,825.83
Bill	1/15/2019	4060959	Winn Materials, LLC	Filter Media	2,332.92		168,158.75
Bill	1/16/2019	47311	J.R. Hayes Construction Co.,Inc.	Filter Media	14,903.17		183,061.92
Bill	1/17/2019	16223	Adenus Technologies, LLC	Sand Filter	21,130.12		204,192.04
Bill	1/17/2019	14047	Cumberland Tractor & Equipment, LLC	Dozer Rental	6,172.63		210,364.67
Bill	1/18/2019	4061085	Winn Materials, LLC	Filter Media	1,684.46		212,049.13
Bill	1/22/2019	4061140	Winn Materials, LLC	Filter Media	2,402.90		214,452.03
Bill	1/27/2019	1286335-0001	Equipment Finders, Inc.	Skyjack Reachlift Rental	3,360.35		217,812.38
Bill	1/28/2019	16253	Adenus Technologies, LLC	Sand Filter	14,427.24		232,239.62
Bill	1/30/2019	1112	Adam E. Proffitt	Subcontractor - Trucking	2,550.00		234,789.62
Bill	1/31/2019	1836	Adenus Operations	Labor	12,818.38		247,608.00
Bill	2/5/2019	4061458	Winn Materials, LLC	Filter Media	2,948.19		250,556.19
Bill	2/6/2019	47435	J.R. Hayes Construction Co.,Inc.	Filter Media	3,968.56		254,524.75
Bill	2/6/2019	47433	J.R. Hayes Construction Co.,Inc.	Filter Media	8,233.88		262,758.63
Bill	2/6/2019	16318	Adenus Technologies, LLC	Sand Filter	2,645.77		265,404.40
Credit	2/12/2019	16334	Adenus Technologies, LLC	Sand Filter		1,457.59	263,946.81
Credit	2/13/2019	16333	Adenus Technologies, LLC	Sand Filter		13,365.82	250,580.99
Bill	2/15/2019	14095	Cumberland Tractor & Equipment, LLC	Dozer Rental	2,430.81		253,011.80
Bill	2/15/2019	14094	Cumberland Tractor & Equipment, LLC	Dozer Rental	2,130.39		255,142.19
Bill	2/15/2019	16347	Adenus Technologies, LLC	Sand Filter	3,559.12		258,701.31
Bill	2/24/2019	1286335-0002	Equipment Finders, Inc.	Equipment Rental	3,196.47		261,897.78
Bill	2/25/2019	1069735-01	Steinhouse Supply Co. Inc.	Tanks/Pond Filter	23.17		261,920.95
Bill	2/25/2019	14146	Cumberland Tractor & Equipment, LLC	Dozer Rental	60.00		261,980.95
Bill	2/28/2019	1849	Adenus Operations	Labor	4,009.36		265,990.31
Bill	2/28/2019	1851	Adenus Operations	Labor	4,699.30		270,689.61

Maple Green
Cost Analysis
28-Feb-19

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	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	\$ 40,000.00	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	<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		\$ 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

Smoky Village
Cost Analysis
28-Feb-19

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/Engineering	1	each	14,167.34	\$ 14,167.34	\$ 14,167.34	100.00%

Subtotal	\$ 14,167.34		\$ 14,167.34
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Previous Completed Construction		\$ 1,869.32
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Construction	<u>Units</u>	<u>per</u>	<u>Price per</u>	<u>Budget</u>		
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
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<u>TOTAL</u>		\$ 159,294.60		\$ 14,167.34	8.89%
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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