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February 5, 2019

Hon. Robin Morrison, Chairman
c/o Sharla Dillon
Tennessee Public Utilities Commission
502 Deaderick Street, 4th Floor
Nashville, TN 37243

RE: Docket # 16-00096 – Monthly Report

Dear Chairman Morrison,

Enclosed, please find an original and four (4) copies of the monthly report filed pursuant to the Order in this docket.

Kind regards,



Jeff Ridsen
Vice-President

TENNESSEE WASTEWATER SYSTEMS, INC.
Environmental Rate Rider - Depository Account
Details as of 01/31/2019

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 Environmental 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

Total 131.15 - FirstBank - Rider Depository

356,142.33 312,494.75 43,647.58

Cedar Hill
Cost Analysis
31-Jan-19

EXPENSES

	<u>Units</u>	<u>per</u>	<u>Price Per</u>	<u>Budget</u>	<u>Expenditures</u>	<u>% of Cost</u>
Consulting & Engineering						
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	\$ 106,199.95	107.16%

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	\$ 37,347.04	81.19%

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	\$ 41,223.76	191.74%

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	\$ 10,018.87	16.70%

			<u>TOTAL</u>	\$ 278,500.00	\$ 234,789.62	84.31%
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105.3 - CEDAR HILL - CONSTRUCTION IN PROCESS
As of 1/31/19

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	1286335-00C	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

Maple Green
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		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%

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	<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

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