



Louviers Water and Sanitation District

Minutes of the Regular Meeting – March 12th, 2019

Board Members

Ron Beane
Becca Connet
Joe Neu
Matt Collitt
Andy Dunn

Audience:

None

Regular Board Meeting

- I. Call to Order – The meeting was called to order at 18:30.
- II. Radium Treatment Options – TST presented Radium Treatment Options. See Neil Spreadsheet Info.
- III. New Business and Open Items –
 - A. Approve Minutes from the December 11, 2018 Regular Board Meeting. Tabled.
 - B. Disbursements – The Board reviewed the Check Detail report presented by Director Connet in the amount of \$11,843.86 which includes check numbers 2799 to 2813, and two debit card transactions in the amount of \$116.56. Disbursements Approved.
 - C. Financial Report – Approved.
 - D. Approval of Agreement for Single Household – Tabled February 2019 – 1 abstain (Secretary Collitt) and 4 yes. Approved.
 - E. Sewer Project update –
 - a. Waiting for 2019 Loan Cycle (#140930W-H) – Planning is wrapping up. Project to be let out for construction in April. Project to state June start with a projected wrap up in December.
 - F. Funding – Rural Development (RUS) -
- IV. Audience Participation – Zero.
- IV. Operations – See Report.

XI. Board Discussion – Meter Pits now have GPS coordinates. Board discussed the three treatment options. Interconnect may be best option. Ron to contact Roxborough Water & Sanitation District. Ron also to pursue funding through CDPHE and RUS.

XII. Adjourn Meeting – 19:49.

President: _____

Attest: _____

Louviers Water and Sanitation District
 Well No. 2 Radium Treatment
 Conceptual Cost Estimate
 March 5, 2019

Option to Add Ion Exchange System

Description	Quantity	Units	Unit Price	Subtotal Cost
<u>General</u>	15	%	\$720,000	\$ 108,000
<u>Sitework</u>				
GESC Materials and Maintenance	3	MO	\$ 4,000	\$ 12,000
Site Restoration	2,000	SF	\$ 3	\$ 6,000
Access Drive	50	SY	\$ 20	\$ 1,000
Yard Pipe	50	LF	\$ 80	\$ 4,000
<u>Ion Exchange System</u>				
Treatment Unit Column	1	LS	\$160,000	\$ 160,000
Online Startup	1	LS	\$ 15,000	\$ 15,000
Piping - Materials	1	LS	\$ 10,000	\$ 10,000
Piping - Installation	1	LS	\$ 15,000	\$ 15,000
Connections to Ex Piping Systems	2	EA	\$ 10,000	\$ 20,000
Booster Pump	2	EA	\$ 25,000	\$ 50,000
Electrical	1	LS	\$ 75,000	\$ 75,000
<u>New Building</u>				
Building Construction (~ 25' x 20')	500	SF	\$ 130	\$ 65,000
Building Slab on Grade	25	CY	\$ 750	\$ 18,750
Mechanical	1	LS	\$ 15,000	\$ 15,000
<u>Modifications to Existing Structure</u>				
Wall Penetrations for Piping	3	EA	\$ 1,500	\$ 4,500
Construction Subtotal (nearest \$1,000)				\$ 575,000
Contingency (25%, nearest \$1,000)				\$ 144,000
Construction Total				\$ 719,000
Engineering Design and Construction	20	%	\$719,000	\$ 143,800
Approvals	5	%	\$719,000	\$ 35,950
Survey	1	LS	\$ 7,000	\$ 7,000
Utilities Investigation	3	DAYS	\$ 3,000	\$ 9,000
Materials Testing	2	%	\$144,000	\$ 2,880
Legal	1	LS	\$ 10,000	\$ 10,000
Administration	1	LS	\$ 5,000	\$ 5,000
CDPHE Financial Assurance for Waste Disposal	1	LS	\$ 30,000	\$ 30,000
Project Total (nearest \$1,000)				\$ 933,000

Annual O & M, Power, and Resin Disposal

Description	Quantity	Units	Unit Price	Subtotal Cost
<u>Ion Exchange System</u>				
Operation & Maintenance, Resin Disposal/Replacement, and Licensing for Treated Water < 11 MGY	1	LS	\$ 17,000	\$ 17,000
Operation & Maintenance, Resin Disposal/Replacement, and Licensing for Treated Water > 11 MGY	5,000	KGAL	\$ 1.50	\$ 7,500
Power	6,000	kWh	\$ 0.1200	\$ 700
Annual O & M, Power, and Resin Disposal (nearest \$1,000)				\$ 25,000

Louviers Water and Sanitation District
 Well No. 2 Radium Treatment
 Conceptual Cost Estimate
 March 5, 2019

Option to Add Pressure Greensand Filtration

Description	Quantity	Units	Unit Price	Subtotal Cost
General	15	%	\$ 1,130,000	\$ 169,500
Sitework				
GESC Materials and Maintenance	3	MO	\$ 4,000	\$ 12,000
Site Restoration	2,000	SF	\$ 3	\$ 6,000
Access Drive	50	SY	\$ 20	\$ 1,000
Yard Pipe	500	LF	\$ 80	\$ 40,000
Greensand Pressure Filter System				
Treatment Unit - Materials	1	LS	\$ 120,000	\$ 120,000
Treatment Unit - Installation, Programming	1	LS	\$ 60,000	\$ 60,000
Chemical Feed System and Storage	1	LS	\$ 30,000	\$ 30,000
Piping - Materials	1	LS	\$ 20,000	\$ 20,000
Piping - Installation	1	LS	\$ 15,000	\$ 15,000
Connections to Ex Piping Systems	2	EA	\$ 10,000	\$ 20,000
Backwash Tank	2	LS	\$ 75,000	\$ 150,000
Booster Pump	2	EA	\$ 25,000	\$ 50,000
Electrical	1	LS	\$ 90,000	\$ 90,000
New Building				
Building Construction (~ 40' x 20')	800	SF	\$ 110	\$ 88,000
Building Slab on Grade	25	CY	\$ 750	\$ 18,750
Mechanical	1	LS	\$ 15,000	\$ 15,000
Modifications to Existing Structure				
Wall Penetrations for Piping	3	EA	\$ 1,500	\$ 4,500
Construction Subtotal (nearest \$1,000)				\$ 910,000
Contingency (25%, nearest \$1,000)				\$ 228,000
Construction Total				\$ 1,138,000
Engineering Design and Construction	20	%	\$ 1,138,000	\$ 227,600
Approvals	5	%	\$ 1,138,000	\$ 56,900
Geotechnical Investigation	1	LS	\$ 7,000	\$ 7,000
Survey	1	LS	\$ 7,000	\$ 7,000
Utilities Investigation	3	DAYS	\$ 3,000	\$ 9,000
Materials Testing	2	%	\$ 1,138,000	\$ 22,760
Legal	1	LS	\$ 10,000	\$ 10,000
Administration	1	LS	\$ 5,000	\$ 5,000
CDPHE Financial Assurance for Waste Disposal	1	LS	\$ 30,000	\$ 30,000
NRC Permit	1	LS	\$ 15,000	\$ 15,000
Project Total (nearest \$1,000)				\$ 1,483,000

Annual Greensand Filter O & M, Power, and Disposal Costs

Description	Quantity	Units	Unit Price	Subtotal Cost
Pressure Filter				
Media and Support Gravel Replacement - 15 Yr	1	LS	\$ 4,133	\$ 4,133
Complete Underdrain Replacement - 30 Yr	1	LS	\$ 10,933	\$ 10,933
Annual Steel Repair	1	LS	\$ 1,000	\$ 1,000
Backwash Tank Cleaning and Disposal	1	LS	\$ 25,000	\$ 25,000
Power	6,000	kWh	\$ 0.1200	\$ 700
Pressure Filter O & M, Power, and Disposal (nearest \$1,000)				\$ 42,000

Louviers Water and Sanitation District
 Well No. 2 Radium Treatment
 Conceptual Cost Estimate
 Updated March 11, 2019

Option for Water Service from Roxborough Water and Sanitation District

Description	Quantity	Units	Unit Price	Subtotal Cost
Transmission Main From Plum Valley Heights to LWSD Tank				
<u>General</u>	15	%	\$ 1,000,000	\$ 150,000
<u>Pipeline</u>				
4" Direction Drill HDPE	7,000	LF	\$ 80	\$ 560,000
PRV Vault	1	LS	\$ 30,000	\$ 30,000
Meter Manhole	1	LS	\$ 10,000	\$ 10,000
Air Vacuum Valves	4	EA	\$ 5,000	\$ 20,000
Connection to RWSD	1	LS	\$ 10,000	\$ 10,000
Connection to LWSD Tank	1	LS	\$ 10,000	\$ 10,000
GESC Materials and Maintenance	3	MO	\$ 4,000	\$ 12,000
Site Restoration	3	AC	\$ 3,000	\$ 9,000
Construction Subtotal (nearest \$1,000)				\$ 811,000
Contingency (25%, nearest \$1,000)				\$ 203,000
Construction Total				\$ 1,014,000
Engineering Design and Construction	20	%	\$ 1,014,000	\$ 202,800
Approvals	5	%	\$ 1,014,000	\$ 50,700
Geotechnical Investigation	1	LS	\$ 7,000	\$ 7,000
Survey	1	LS	\$ 7,000	\$ 7,000
Utilities Investigation	3	DAYS	\$ 3,000	\$ 9,000
Materials Testing	2	%	\$ 1,014,000	\$ 20,280
Legal/ROW Acquisition	1	LS	\$ 20,000	\$ 20,000
Administration	1	LS	\$ 5,000	\$ 5,000
Construction Project Total (nearest \$1,000)				\$ 1,336,000
RWSD Inclusion Fees (Estimated - No Discussion with RWSD)				
Inclusion Fee (RWSD)	112	EQR	\$ 3,200	\$ 358,400
RWSD System Development Charge	112	EQR	\$ 10,000	\$ 1,120,000
Permit Fee	112	EQR	\$ 1,650	\$ 184,800
			Total	\$ 1,663,200
RWSD Water Supply Costs (Estimated - No Discussion with RWSD)				
Water Supply	112	EQR	\$ 7,000	\$ 784,000
			Total	\$ 784,000
Project Grand Total				\$ 3,783,200.00

Louviere Water and Sanitation District

Check Detail

Type	Num	Date	Merchant Name	Account	Paid Amount
Check	Debit Card	02/05/2019	T Mobile	1-1001 · 1stBank Checking	\$ (34.56)
				1-5070 · Utilities - Telephone	\$ 17.28
				2-5570 · Utilities - Telephone	\$ 17.28
					\$ 34.56
Check	Debit CArd	02/04/2019	Strategic Storage Op Partnership II, 1-1001	1-1001 · 1stBank Checking	\$ (82.00)
				1-5060 · Office Supplies/Expenses	\$ 41.00
				2-5560 · Office Supplies/Expense	\$ 41.00
					\$ 82.00
Bill Pmt -Check 2799		03/12/2019	Collins Cockrel & Cole	1-1001 · 1stBank Checking	\$ (630.00)
Bill	Inv 1/31/2019	03/12/2019		1-5040 · Legal Fees	\$ 108.75
				2-5540 · Legal fees	\$ 521.25
					\$ 630.00
Bill Pmt -Check 2800		03/12/2019	DM Small Systems, LLC	1-1001 · 1stBank Checking	\$ (1,462.53)
Bill	Reimb 3/5/19 Amazc	03/12/2019		1-6030 · Tank Evaluation and Maint	\$ 9.53
Bill	Inv 02-19-001	03/12/2019		1-6010 · Operations	\$ 794.50
				2-6510 · Operations	\$ 658.50
					\$ 1,462.53
Bill Pmt -Check 2801		03/12/2019	Intermountain Rural Electric Associ	1-1001 · 1stBank Checking	\$ (832.12)
Bill	Acct 21154900	03/12/2019		2-6590 · Utilities - Infrastructure	\$ 21.00
Bill	Acct 21893200	03/12/2019		2-6590 · Utilities - Infrastructure	\$ 118.44
Bill	Acct 83513501	03/12/2019		1-6090 · Utilities - Infrastructure	\$ 185.02
Bill	Acct 95451766	03/12/2019		1-6090 · Utilities - Infrastructure	\$ 507.66
					\$ 832.12

Louviers Water and Sanitation District

Check Detail

March 12, 2019

Type	Num	Date	Merchant Name	Account	Paid Amount
Bill Pmt -Check 2802		03/12/2019	Professional Answering Service, Inc	1-1001 · 1stBank Checking	\$ (56.50)
Bill	Inv 119103012019	03/12/2019		1-5070 · Utilities - Telephone	\$ 28.25
				2-5570 · Utilities - Telephone	\$ 28.25
					\$ 56.50
Bill Pmt -Check 2803		03/12/2019	Red Comet	1-1001 · 1stBank Checking	\$ (59.00)
Bill	Inv RC24834	03/12/2019		1-6075 · Miscellanoues Rep. & Main	\$ 59.00
					\$ 59.00
Bill Pmt -Check 2804		03/12/2019	Schilling & Company, Inc.	1-1001 · 1stBank Checking	\$ (835.50)
Bill	Inv 12240	03/12/2019		1-5005 · Accounting and Billing	\$ 415.00
				2-5505 · Accounting and Billing	\$ 415.00
				1-5061 · Postage	\$ 2.75
				2-5561 · Postage	\$ 2.75
					\$ 835.50
Bill Pmt -Check 2805		03/12/2019	Semocor, Inc.	1-1001 · 1stBank Checking	\$ (426.00)
Bill	Inv 4258	03/12/2019		1-6085 · Testing - Water	\$ 93.60
				2-6585 · Testing - Sewer	\$ 332.40
					\$ 426.00
Bill Pmt -Check 2806		03/12/2019	TST Infrastructure, LLC	1-1001 · 1stBank Checking	\$ (6,594.70)
Bill	Inv 8170	03/12/2019		2-7502 · WW Collection System Imp	\$ 2,973.70
Bill	Inv 8171	03/12/2019		1-5025 · Consultants	\$ 266.00
Bill	Inv 8172	03/12/2019		1-5025 · Consultants	\$ 3,355.00
					\$ 6,594.70
Bill Pmt -Check 2807		03/12/2019	Utility Notification Center of Colorado	1-1001 · 1stBank Checking	\$ (14.20)

Louviers Water and Sanitation District

Check Detail

Type	Num	Date	Margin Name	Account	Paid Amount
Bill	Inv 219020611	03/12/2019		1-6080 · Utility Locates	\$ 7.10
				2-6580 · Utility Locates	\$ 7.10
					\$ 14.20
Bill Pmt -Check 2808		03/12/2019	Wayne Oblander	1-1001 · 1stBank Checking	\$ (355.00)
Bill	Jan/Feb 2019	03/12/2019		1-6015 · Meter reading	\$ 310.00
Bill	2018 Final Reads	03/12/2019		1-6015 · Meter reading	\$ 45.00
					\$ 355.00
Paycheck	2809	03/12/2019	Anderson R Dunn IV	1-1001 · 1stBank Checking	\$ (92.35)
				1-5001 · Director wages & payroll ta:	\$ 100.00
				66000 · Payroll Expenses	\$ 6.20
				24000 · Payroll Liabilities	\$ (6.20)
				24000 · Payroll Liabilities	\$ (6.20)
				1-5001 · Director wages & payroll ta:	\$ 1.45
				24000 · Payroll Liabilities	\$ (1.45)
				24000 · Payroll Liabilities	\$ (1.45)
					\$ 92.35
Paycheck	2810	03/12/2019	Joseph Neu {Director}	1-1001 · 1stBank Checking	\$ (92.35)
				1-5001 · Director wages & payroll ta:	\$ 100.00
				66000 · Payroll Expenses	\$ 6.20
				24000 · Payroll Liabilities	\$ (6.20)
				24000 · Payroll Liabilities	\$ (6.20)
				1-5001 · Director wages & payroll ta:	\$ 1.45
				24000 · Payroll Liabilities	\$ (1.45)
				24000 · Payroll Liabilities	\$ (1.45)
					\$ 92.35
Paycheck	2811	03/12/2019	Matthew J Collitt	1-1001 · 1stBank Checking	\$ (92.35)

Louviers Water and Sanitation District

Check Detail

March 12, 2019

Type	Num	Date	Name	Account	Paid Amount
Paycheck	2812	03/12/2019	Rebecca A Connet	1-5001 · Director wages & payroll ta:	\$ 100.00
				66000 · Payroll Expenses	\$ 6.20
				24000 · Payroll Liabilities	\$ (6.20)
				24000 · Payroll Liabilities	\$ (6.20)
				1-5001 · Director wages & payroll ta:	\$ 1.45
				24000 · Payroll Liabilities	\$ (1.45)
				24000 · Payroll Liabilities	\$ (1.45)
				\$ 92.35	
				1-1001 · 1stBank Checking	\$ (92.35)
Paycheck	2813	03/12/2019	Ronald D Beane	1-5001 · Director wages & payroll ta:	\$ 100.00
				66000 · Payroll Expenses	\$ 6.20
				24000 · Payroll Liabilities	\$ (6.20)
				24000 · Payroll Liabilities	\$ (6.20)
				1-5001 · Director wages & payroll ta:	\$ 1.45
				24000 · Payroll Liabilities	\$ (1.45)
				24000 · Payroll Liabilities	\$ (1.45)
				\$ 92.35	
				1-1001 · 1stBank Checking	\$ (92.35)
Paycheck	2814	03/12/2019	Rebecca A Connet	1-5001 · Director wages & payroll ta:	\$ 100.00
				66000 · Payroll Expenses	\$ 6.20
				24000 · Payroll Liabilities	\$ (6.20)
				24000 · Payroll Liabilities	\$ (6.20)
				1-5001 · Director wages & payroll ta:	\$ 1.45
				24000 · Payroll Liabilities	\$ (1.45)
				24000 · Payroll Liabilities	\$ (1.45)
				\$ 92.35	
				1-1001 · 1stBank Checking	\$ (92.35)
TOTAL DISBURSEMENTS					\$ 11,843.86

**Louviers Water and Sanitation District
Cash Position Summary
January 31, 2019**

Checking, Savings & Investment Accounts

	Balance			
1st Bank Checking	\$ 40,316.81			
COLOTRUST Plus - General Account	239,831.01	DS Res Req	Excess	
COLOTRUST Plus - Sewer Debt Service Reserve	35,486.47	\$34,872.00	\$ 614.47	
Total	\$ 315,634.29			

Balance From Last Month

\$ 322,601.28

Increase (Decrease)

\$ (6,966.99)

	1/1/2019 Year To Date	Current Month	1/31/2019 Year to Date
Interest & Investment Earnings			
COLOTRUST Plus - General Account	\$ -	\$ 526.43	\$ 526.43
COLOTRUST Plus - Sewer Debt Service Reserve	-	77.87	77.87
	\$ -	\$ 604.30	\$ 604.30

Interest and Investment Rates

	1/1/2019	Change	1/31/2019
COLOTRUST Plus - General Account	2.54%	0.08%	2.62%
COLOTRUST Plus - Sewer Debt Service Reserve	2.54%	0.08%	2.62%

Louviers Water and Sanitation District
Cash Position Summary
February 28, 2019

Checking, Savings & Investment Accounts

	Balance			
1st Bank Checking	\$ 49,938.98			
COLOTRUST Plus - General Account	240,310.62	DS Res Req	Excess	
COLOTRUST Plus - Sewer Debt Service Reserve	35,557.43	\$34,872.00	\$ 685.43	
Total	\$ 325,807.03			

Balance From Last Month

\$ 315,634.29

Increase (Decrease)

\$ 10,172.74

	1/31/2019	Current	2/28/2019
Interest & Investment Earnings	Year To Date	Month	Year to Date
COLOTRUST Plus - General Account	\$ 526.43	\$ 479.61	\$ 1,006.04
COLOTRUST Plus - Sewer Debt Service Reserve	77.87	70.96	148.83
	\$ 604.30	\$ 550.57	\$ 1,154.87

Interest and Investment Rates

	1/31/2019	Change	2/28/2019
COLOTRUST Plus - General Account	2.62%	-0.02%	2.60%
COLOTRUST Plus - Sewer Debt Service Reserve	2.62%	-0.02%	2.60%

Louviers Water & Sanitation Aged Accounts Receivable

<u>Account#</u>	<u>Current</u>	<u>30 Day</u>	<u>60 Day</u>	<u>90 Day+</u>	<u>Total</u>
00000002	\$278.61	\$0.00	\$0.00	\$0.00	\$278.61
00000005	(\$334.53)	\$0.00	\$0.00	\$0.00	(\$334.53)
00000010	\$132.26	\$131.26	\$135.35	\$4,421.83	\$4,820.70
00000014	\$274.52	\$0.00	\$0.00	\$0.00	\$274.52
00000015	\$370.32	\$365.48	\$217.53	\$1.77	\$955.10
00000024	(\$15.00)	\$0.00	\$0.00	\$0.00	(\$15.00)
00000032	\$295.66	\$86.96	\$0.00	\$0.00	\$382.62
00000033	(\$21.00)	\$0.00	\$0.00	\$0.00	(\$21.00)
00000038	\$260.52	\$260.52	\$263.61	(\$1,959.81)	(\$1,175.16)
00000045	\$271.52	(\$153.83)	\$0.00	\$0.00	\$117.69
00000048	(\$15.00)	\$0.00	\$0.00	\$0.00	(\$15.00)
00000053	(\$15.00)	\$0.00	\$0.00	\$0.00	(\$15.00)
00000060	\$15.00	\$0.00	\$0.00	\$0.00	\$15.00
00000078	\$271.52	(\$15.00)	\$0.00	\$0.00	\$256.52
00000084	(\$13.30)	\$0.00	\$0.00	\$0.00	(\$13.30)
00000093	\$578.38	\$460.96	\$485.68	\$85.68	\$1,610.70
00000094	(\$15.00)	\$0.00	\$0.00	\$0.00	(\$15.00)
00000098	\$256.52	\$187.80	\$0.00	\$0.00	\$444.32
00000117	(\$100.00)	\$0.00	\$0.00	\$0.00	(\$100.00)
00000119	(\$350.67)	\$0.00	\$0.00	\$0.00	(\$350.67)
00000126	\$300.24	\$0.00	\$0.00	\$0.00	\$300.24
00000134	(\$448.06)	\$0.00	\$0.00	\$0.00	(\$448.06)
00000140	(\$128.21)	\$0.00	\$0.00	\$0.00	(\$128.21)
00000150	\$15.00	\$0.00	\$0.00	\$0.00	\$15.00
00000153	\$15.00	\$0.00	\$0.00	\$0.00	\$15.00
00000158	(\$15.00)	\$0.00	\$0.00	\$0.00	(\$15.00)
00000167	\$274.52	\$284.79	\$284.79	\$586.58	\$1,430.68
00000173	\$290.97	\$304.88	\$454.78	(\$15.00)	\$1,035.63
00000175	\$309.52	\$374.44	\$111.00	\$2.28	\$797.24
00000180	(\$2.83)	\$0.00	\$0.00	\$0.00	(\$2.83)
00000183	(\$8.82)	\$0.00	\$0.00	\$0.00	(\$8.82)
00000187	\$255.90	\$256.52	\$7.71	\$7.29	\$527.42
99000120	\$136.61	\$306.72	\$292.82	\$0.00	\$736.15

<u>Account#</u>	<u>Current</u>	<u>30 Day</u>	<u>60 Day</u>	<u>90 Day+</u>	<u>Total</u>
	<u>\$3,120.17</u>	<u>\$2,851.50</u>	<u>\$2,253.27</u>	<u>\$3,130.62</u>	<u>\$11,355.56</u>

Louviers Water and Sanitation District Radium Treatment Options Analysis

NOTE: The analysis below assumes that the District could obtain a 0.00%, 30 year interest loan to cover the initial costs. The debt service on the loan and the annual operating costs would be covered by a rate increase. It also assumes no inflationary increase in the annual operating costs. Also, the engineer's estimate for the RWSD includes the inclusion fees, system development charge, permit fees, and water supply charges, but these are estimates without discussion with RWSD. The engineer's estimate also is based on 108 EQR when the District has 112 water customers. Also for the RWSD, the water usage on an annual basis is not included, so it is not determinable at this time what the annual rate increases would be for water service.

	Cost per Engineer's Estimate	Annual Debt Service and O&M Cost	Number of Water Customers	Annual Cost Per Customer	Rate Increase Per Bi-Monthly Billing Cycle
Option to Add Ion Exchange System					
Equipment, Construction & Installation Costs	\$ 933,000.00	\$ 31,100.00	112.00	\$ 278.00	\$ 46.33
Annual O&M/Disposal Costs	25,000.00	25,000.00	112.00	223.00	37.17
	<u>\$ 958,000.00</u>	<u>\$ 56,100.00</u>		<u>\$ 501.00</u>	<u>\$ 83.50</u>
Pressure Greensand Filtration					
Equipment, Construction & Installation Costs	\$ 1,483,000.00	\$ 49,433.00	112.00	\$ 441.00	\$ 73.50
Annual O&M/Disposal Costs	42,000.00	42,000.00	112.00	375.00	62.50
	<u>\$ 1,525,000.00</u>	<u>\$ 91,433.00</u>		<u>\$ 816.00</u>	<u>\$ 136.00</u>
Water Service from Roxborough WSD					
Equipment, Construction & Installation Costs	\$ 3,783,200.00	\$ 126,107.00	112.00	\$ 1,126.00	\$ 187.67
Annual Water Charges	Unknown	Unknown	112.00	Unknown	Unknown
	<u>\$ 3,783,200.00</u>	<u>\$ 126,107.00</u>		<u>\$ 1,126.00</u>	<u>\$ 187.67</u>

Louviers Water and Sanitation District
 Well No. 2 Radium Treatment
 Conceptual Cost Estimate
 March 5, 2019

Option to Add Ion Exchange System

Description	Quantity	Units	Unit Price	Subtotal Cost
<u>General</u>	15	%	\$720,000	\$ 108,000
<u>Sitework</u>				
GESC Materials and Maintenance	3	MO	\$ 4,000	\$ 12,000
Site Restoration	2,000	SF	\$ 3	\$ 6,000
Access Drive	50	SY	\$ 20	\$ 1,000
Yard Pipe	50	LF	\$ 80	\$ 4,000
<u>Ion Exchange System</u>				
Treatment Unit Column	1	LS	\$160,000	\$ 160,000
Online Startup	1	LS	\$ 15,000	\$ 15,000
Piping - Materials	1	LS	\$ 10,000	\$ 10,000
Piping - Installation	1	LS	\$ 15,000	\$ 15,000
Connections to Ex Piping Systems	2	EA	\$ 10,000	\$ 20,000
Booster Pump	2	EA	\$ 25,000	\$ 50,000
Electrical	1	LS	\$ 75,000	\$ 75,000
<u>New Building</u>				
Building Construction (~ 25' x 20')	500	SF	\$ 130	\$ 65,000
Building Slab on Grade	25	CY	\$ 750	\$ 18,750
Mechanical	1	LS	\$ 15,000	\$ 15,000
<u>Modifications to Existing Structure</u>				
Wall Penetrations for Piping	3	EA	\$ 1,500	\$ 4,500
Construction Subtotal (nearest \$1,000)				\$ 575,000
Contingency (25%, nearest \$1,000)				\$ 144,000
Construction Total				\$ 719,000
Engineering Design and Construction	20	%	\$719,000	\$ 143,800
Approvals	5	%	\$719,000	\$ 35,950
Survey	1	LS	\$ 7,000	\$ 7,000
Utilities Investigation	3	DAYS	\$ 3,000	\$ 9,000
Materials Testing	2	%	\$144,000	\$ 2,880
Legal	1	LS	\$ 10,000	\$ 10,000
Administration	1	LS	\$ 5,000	\$ 5,000
CDPHE Financial Assurance for Waste Disposal	1	LS	\$ 30,000	\$ 30,000
Project Total (nearest \$1,000)				\$ 933,000

Annual O & M, Power, and Resin Disposal

Description	Quantity	Units	Unit Price	Subtotal Cost
<u>Ion Exchange System</u>				
Operation & Maintenance, Resin Disposal/Replacement, and Licensing for Treated Water < 11 MGY	1	LS	\$ 17,000	\$ 17,000
Operation & Maintenance, Resin Disposal/Replacement, and Licensing for Treated Water > 11 MGY	5,000	KGAL	\$ 1.50	\$ 7,500
Power	6,000	kWh	\$ 0.1200	\$ 700
Annual O & M, Power, and Resin Disposal (nearest \$1,000)				\$ 25,000

Louviers Water and Sanitation District
 Well No. 2 Radium Treatment
 Conceptual Cost Estimate
 March 5, 2019

Option to Add Pressure Greensand Filtration

Description	Quantity	Units	Unit Price	Subtotal Cost
<u>General</u>	15	%	\$ 1,130,000	\$ 169,500
<u>Sitework</u>				
GESC Materials and Maintenance	3	MO	\$ 4,000	\$ 12,000
Site Restoration	2,000	SF	\$ 3	\$ 6,000
Access Drive	50	SY	\$ 20	\$ 1,000
Yard Pipe	500	LF	\$ 80	\$ 40,000
<u>Greensand Pressure Filter System</u>				
Treatment Unit - Materials	1	LS	\$ 120,000	\$ 120,000
Treatment Unit - Installation, Programming	1	LS	\$ 60,000	\$ 60,000
Chemical Feed System and Storage	1	LS	\$ 30,000	\$ 30,000
Piping - Materials	1	LS	\$ 20,000	\$ 20,000
Piping - Installation	1	LS	\$ 15,000	\$ 15,000
Connections to Ex Piping Systems	2	EA	\$ 10,000	\$ 20,000
Backwash Tank	2	LS	\$ 75,000	\$ 150,000
Booster Pump	2	EA	\$ 25,000	\$ 50,000
Electrical	1	LS	\$ 90,000	\$ 90,000
<u>New Building</u>				
Building Construction (~ 40' x 20')	800	SF	\$ 110	\$ 88,000
Building Slab on Grade	25	CY	\$ 750	\$ 18,750
Mechanical	1	LS	\$ 15,000	\$ 15,000
<u>Modifications to Existing Structure</u>				
Wall Penetrations for Piping	3	EA	\$ 1,500	\$ 4,500
Construction Subtotal (nearest \$1,000)				\$ 910,000
Contingency (25%, nearest \$1,000)				\$ 228,000
Construction Total				\$ 1,138,000
Engineering Design and Construction	20	%	\$ 1,138,000	\$ 227,600
Approvals	5	%	\$ 1,138,000	\$ 56,900
Geotechnical Investigation	1	LS	\$ 7,000	\$ 7,000
Survey	1	LS	\$ 7,000	\$ 7,000
Utilities Investigation	3	DAYS	\$ 3,000	\$ 9,000
Materials Testing	2	%	\$ 1,138,000	\$ 22,760
Legal	1	LS	\$ 10,000	\$ 10,000
Administration	1	LS	\$ 5,000	\$ 5,000
CDPHE Financial Assurance for Waste Disposal	1	LS	\$ 30,000	\$ 30,000
NRC Permit	1	LS	\$ 15,000	\$ 15,000
Project Total (nearest \$1,000)				\$ 1,483,000

Annual Greensand Filter O & M, Power, and Disposal Costs

Description	Quantity	Units	Unit Price	Subtotal Cost
<u>Pressure Filter</u>				
Media and Support Gravel Replacement - 15 Yr	1	LS	\$ 4,133	\$ 4,133
Complete Underdrain Replacement - 30 Yr	1	LS	\$ 10,933	\$ 10,933
Annual Steel Repair	1	LS	\$ 1,000	\$ 1,000
Backwash Tank Cleaning and Disposal	1	LS	\$ 25,000	\$ 25,000
Power	6,000	kWh	\$ 0.1200	\$ 700
Pressure Filter O & M, Power, and Disposal (nearest \$1,000)				\$ 42,000

Louviers Water and Sanitation District
 Well No. 2 Radium Treatment
 Conceptual Cost Estimate
 Updated March 11, 2019

Option for Water Service from Roxborough Water and Sanitation District

Description	Quantity	Units	Unit Price	Subtotal Cost
Transmission Main From Plum Valley Heights to LWSD Tank				
<u>General</u>	15	%	\$ 1,000,000	\$ 150,000
<u>Pipeline</u>				
4" Direction Drill HDPE	7,000	LF	\$ 80	\$ 560,000
PRV Vault	1	LS	\$ 30,000	\$ 30,000
Meter Manhole	1	LS	\$ 10,000	\$ 10,000
Air Vacuum Valves	4	EA	\$ 5,000	\$ 20,000
Connection to RWSD	1	LS	\$ 10,000	\$ 10,000
Connection to LWSD Tank	1	LS	\$ 10,000	\$ 10,000
GESC Materials and Maintenance	3	MO	\$ 4,000	\$ 12,000
Site Restoration	3	AC	\$ 3,000	\$ 9,000
Construction Subtotal (nearest \$1,000)				\$ 811,000
Contingency (25%, nearest \$1,000)				\$ 203,000
Construction Total				\$ 1,014,000
Engineering Design and Construction	20	%	\$ 1,014,000	\$ 202,800
Approvals	5	%	\$ 1,014,000	\$ 50,700
Geotechnical Investigation	1	LS	\$ 7,000	\$ 7,000
Survey	1	LS	\$ 7,000	\$ 7,000
Utilities Investigation	3	DAYS	\$ 3,000	\$ 9,000
Materials Testing	2	%	\$ 1,014,000	\$ 20,280
Legal/ROW Acquisition	1	LS	\$ 20,000	\$ 20,000
Administration	1	LS	\$ 5,000	\$ 5,000
Construction Project Total (nearest \$1,000)				\$ 1,336,000
RWSD Inclusion Fees (Estimated - No Discussion with RWSD)				
Inclusion Fee (RWSD)	112	EQR	\$ 3,200	\$ 358,400
RWSD System Development Charge	112	EQR	\$ 10,000	\$ 1,120,000
Permit Fee	112	EQR	\$ 1,650	\$ 184,800
			Total	\$ 1,663,200
RWSD Water Supply Costs (Estimated - No Discussion with RWSD)				
Water Supply	112	EQR	\$ 7,000	\$ 784,000
			Total	\$ 784,000
Project Grand Total				\$ 3,783,200.00



March 5, 2019

Michael Gerstner
TST Infrastructure, Inc.
61 Inverness Drive East, Suite 100
Englewood, CO 80112

RE: Revised Budget Proposal for Z-88® Radium Removal System for Louviers Water Service District, CO.

Dear Michael:

Thank you for the opportunity to provide this revised preliminary proposal for WRT's Z-88® Radium Removal Modular Component System for the Louviers Water Service District.

Introduction

WRT proposes to remove the radium from the flow produced using a single train WRT Modular Component System (MCS), composed of two 48" dia. by 72" tall vessels, each containing WRT's Z-88® media and operating in sequence.

Z-88® Radium Removal Modular Component System

WRT provides a complete system for removal of radium from drinking water, including the process equipment, treatment media, and the safe disposal of used media.

WRT's Z-88® Radium Removal Modular Component System is designed to be added to any new or existing potable water system. Water passes through treatment columns where radium is removed and gross alpha is reduced. When the media is loaded with radium, it is removed from the vessels onsite and replaced with new media. This complete process is handled by WRT, who is responsible for the safe, long term disposal of the media.

Advantages of the WRT Z-88® Radium Removal Modular Component System includes:

- Nothing is added to the water. No chemicals are added in the treatment process, and nothing is imparted into the water during the treatment process.
- No liquid waste stream is generated by this process; this is a zero-liquid-discharge system.
- Disposition of spent media by WRT.
- Minimal Maintenance and Operation required.
- No handling of radioactive materials, media or chemicals by Utility personnel.
- Z-88® Media is NSF, Standard 61 certified for use in drinking water applications.
- Guaranteed compliance for uranium.

CLEAN WATER. CLEAN EARTH. THAT'S OUR PROMISE®



Water Remediation Technology LLC, 901 W. 116th Avenue, Suite 400, Westminster, Colorado 80234
tel: 303.424.5355 • email: info@wrt.net • web: www.wrt.net



Scope of Supply

WRT will provide a complete WRT Z-88[®] Radium Removal Modular Component System for this application. This system will include treatment equipment, media, and optional start-up assistance and optional proper handling and disposition of used media.

This proposal is based upon WRT providing a complete WRT Z-88[®] Radium Removal System under a long term contract, including equipment, media, exchange of media when required and proper handling and disposition of spent media.

The equipment is provided to the treatment site by WRT and installed by the Utility. WRT delivers and installs media as required directly into the treatment vessel at the treatment site. WRT removes used media directly out of the treatment vessels at the site. All handling of media is done by WRT.

WRT provides treatment on a guaranteed cost per gallon treated basis, assuming the risk for media performance, and therefore utilizes the most reliable, cost effective treatment media available.

Used treatment media remains the property and liability of WRT. WRT is licensed and permitted to dispose of used media in an approved facility.

WRT will provide the following Equipment:

- One WRTSTD-MCS-UF48x72-1x2, Z-88[®] Radium Removal System.
- Installation instructions.
- Operation and Maintenance Manuals.
- One year equipment warranty.

WRT will provide the following services for On Site Start-up:

- Inspection of system following assembly and installation by contractor.
- Place system in operation and testing of system.
- On-site operator training.
- Disinfection of system prior to placing on line.
- Collection of samples for analysis following disinfection.

WRT will provide the following services under the Long Term Service Agreement:

- WRT – Z-88[®] Radium Removal Media as required for the term of the contract
- Media exchange services as required
- Proper disposition of spent treatment media as required
- Radioactive Material Licensing and services as required
- WRT provided equipment maintenance

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The Utility will provide the following:

- Provide water at current water quality and specified pressure
- Secure site and building to house treatment system
- Installation and operation of equipment at treatment site
- Site access for media exchange operations
- All licensing, permitting and approvals, except Radioactive Material License
- Maintenance of site and equipment, excluding WRT treatment system
- Provide utilities to operate system
- All taxes and use fees
- Compliance monitoring and sampling
- Daily monitoring of system and operation
- Compliance analytical fees (analysis of samples required for regulatory compliance).
- Financial assurance if required

Pricing

This proposal is based upon the project information and water quality information provided.

Louviers Water Service District, Colorado	
Hydraulic capacity of WRT system	50-113 GPM
Radium level in the water to be treated	5.7 pCi/L
Required radium level of treated water	5 pCi/L (MCL)
Minimum annual usage for this site:	11 MG (million gallons per year)
Equipment & Onsite Startup Price*	
1 - WRTSTD-MCS-UF63x8-1x2, Z-88® Radium Removal Modular Component System, including freight to site.	\$153,400.00, plus applicable taxes
1 - Onsite startup as detailed above.	\$11,200.00, plus applicable taxes
Long Term Service Agreement Price*	
Long Term Service Agreement including, operating media, exchange and proper disposal of media as required, equipment maintenance, Radioactive Materials Licensing and services on a <u>guaranteed cost per gallon treated</u> basis.	\$16,500.00/year for base gallons, plus \$1.50/1,000 for additional gallons treated, plus applicable taxes

* This proposal is based upon today's costs, and is valid for a period of 90 days. This price is based upon the water quality information provided, and is subject to verification which may include a field pilot study. This pricing is based on a minimum annual usage of 11,000,000 gallons per year. The Utility will be required to provide a site and housing for the equipment as required for weather and security protection, installation, electrical service and power, connection piping into and out of the system, and any site engineering, bonding and permitting. Note that taxes are not included. Freight costs will be prepaid and added to invoice. WRT strongly recommends secondary spill containment.

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Payment Terms

Treatment equipment payment terms are as follows:

- 15% upon delivery of WRT submittal drawings to customer;
- 35% upon customer approval of WRT submittal drawings, in order to release for fabrication;
- 40% upon equipment delivery to customer site or 30 days after the equipment is ready for shipment, whichever is earlier; and
- 10% upon the earliest of:
 - satisfactory system functioning; or
 - 90 days from vessel and ancillary equipment delivery to site.

Payment of invoices is due in full within 30 days of the date of the invoice.

Any amounts not paid when due will be subject to a finance charge of 1½% per month.

Long Term Service Agreement – Contract Terms

- Term of contract is 5 years.
- Monthly charge, based on agreed minimum usage amount.
- Additional usage will be billed on a cost per 1,000 gallons treated basis.
- Charge will be adjusted annually, based upon the Consumer Price Index (CPI).

Delivery

Submittal drawings will be provided approximately 4-6 weeks after signed contract. Equipment delivery will be approximately 8-12 weeks after approved drawings and release for fabrication.

NSF Certification

WRT Z-88® Radium Removal Media is certified to NSF Standard 61, for use in potable water treatment.

Radioactive Materials License and Financial Assurance

PLEASE NOTE: A Radioactive Materials License may be required for the installation and operation of this system. This proposal assumes that a Radioactive Materials License will be required for the operation of this equipment. WRT has been issued Radioactive Materials Licenses from numerous states (including Colorado) and from the Nuclear Regulatory Commission (NRC).

Financial Assurance may be required for this project by the state licensing authority, or the NRC. The cost for providing Financial Assurance is not included in this proposal, and would be the responsibility of the customer.

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Conclusion

Thank you for your interest in our company, we look forward to the opportunity to discuss this proposal with you in detail.

Please feel free to contact me with any questions or comments.

Best Regards,

A handwritten signature in black ink that reads "Ron Dollar". The signature is written in a cursive, flowing style.

Ron Dollar, VP Sales & Marketing
Water Remediation Technology LLC





WRT Standard Terms and Conditions

1. **Payment.** Unless otherwise agreed by the parties in writing, payment for all products purchased pursuant to this Agreement shall be made within 30 day of Seller's invoice. Any amount not paid as agreed shall be subject to an interest charge of 1% per month, compounded monthly. Buyer will be liable for all of Buyer's costs to collect amounts due under this agreement, including reasonable attorney's fees, whether or not any collection action is commenced.
2. **Limited Warranty.** Seller warrants the products sold to the Buyer to be free of defects in materials and workmanship for a period of one year after the products are delivered to Buyer. In the event of any such defect in the products during the warranty period, Seller will provide all parts and labor necessary to correct such defect.
3. **Disclaimer Of Implied Warranties; Limitation Of Remedies.** THE BUYER'S SOLE AND EXCLUSIVE REMEDY UNDER THE LIMITED WARRANTY PROVIDED HEREIN SHALL BE THE PARTS AND LABOR AS PROVIDED IN THIS AGREEMENT. ALL IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE ARE EXCLUDED. SELLER SHALL NOT BE RESPONSIBLE OR LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES ARISING FROM THE BREACH OF ANY WARRANTIES WITH RESPECT TO THE PRODUCTS PURCHASED PURSUANT TO THIS AGREEMENT.
4. **Waiver of and Indemnification for Claims.** BUYER HEREBY AGREES TO WAIVE, RELEASE, DISCHARGE, INDEMNIFY AND HOLD SELLER HARMLESS FOR ANY AND ALL CLAIMS FOR DAMAGES FOR DEATH, PERSONAL INJURY OR PROPERTY DAMAGE WHICH IT OR THIRD PARTIES MAY HAVE OR WHICH MAY HEREAFTER ACCRUE AS A RESULT OF THE BUYERS' USE OF THE PRODUCTS SOLD PURSUANT TO THIS AGREEMENT.
5. **Intellectual Property.** To the extent the products sold pursuant to this Agreement contain, reflect or consist of the Seller's intellectual property, the sale does not include a sale of such intellectual property or of a license to use such intellectual property beyond the use by the Buyer of the products sold.
6. **Assignment.** In the event that Buyer assigns its rights and obligations under this Agreement any assignment of its payment obligation will be ineffective and Seller will remain jointly and severally liable, with its assignee, to pay all amounts due pursuant to this Agreement.
7. **Non-Reliance on Written or Oral Statements.** Buyer has relied on its own investigation about the qualities and performance of the products purchased pursuant to this Agreement and has not relied upon the written or oral statements of Seller or its representatives in entering into this Agreement.
8. **Only Agreement.** This is the only Agreement between the Buyer and Seller relating to the products purchased pursuant to this Agreement, and no oral or other statements, not contained herein, shall be binding on either the Buyer or the Seller.
9. **Modification.** The terms of this Agreement may not be modified, except in a writing signed by the party to be bound.
10. **Non-Waiver; Severability.** Waiver by either party hereto of non-performance of any term, provision, covenant, obligation or condition of this Agreement shall not be considered a waiver of any subsequent non-performance, nor as waiver of the term, provision, covenant, obligation or condition itself. If any provision of this Agreement is found to be prohibited, invalid or unenforceable, such finding will not invalidate or render unenforceable any remaining provisions of this Agreement.

FROM SOURCE TO SOLUTION®



Water Remediation Technology LLC
901 W. 116th Avenue, Suite 400, Westminster, Colorado 80234
Tel: 303.424.5355 • email: info@wrtnet.com • web: www.wrtnet.com



11. **Arbitration.** Any disputes arising in any way in connection with this Agreement or the products sold by the Seller shall be resolved by binding arbitration under the Colorado Uniform Arbitration Act (C.R.S. § 13-22-201 *et seq.*) (the "Act"). The parties agree that the District Court of Jefferson County, Colorado shall have jurisdiction over them for the purposes of applying the provisions of the Act. All arbitration proceedings shall take place within the greater metropolitan area of Denver, Colorado. Buyer will reimburse Seller for all attorney's fees incurred by Seller in any arbitration (for collection or otherwise) in which Seller prevails.
12. **Governing Law.** This Agreement and any disputes or claims arising from it shall be governed by and construed according to the laws of the State of Colorado.

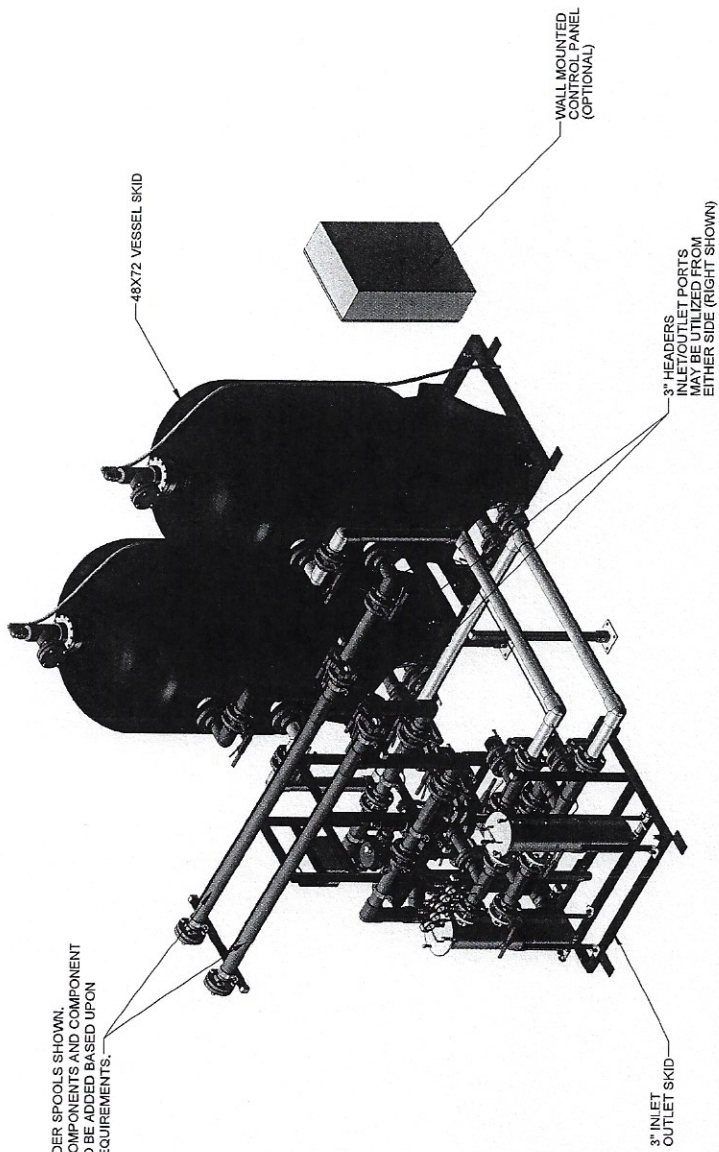
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REV.	ECO	DATE	DRAWN BY	APPROVED	DPT'S APPROVED	ENG APPROVED
1.0	EC0011	6/28/16	CH	DE	--	DE

REVISIONS	REVISION DESCRIPTION
23	ISSUED FOR INFORMATION

48 X 72 50-110GPM MODULAR DOWN FLOW TREATMENT SYSTEM



GENERIC HEADER SPOOLS SHOWN.
ADDITIONAL COMPONENTS AND COMPONENT
LOCATIONS TO BE ADDED BASED UPON
CUSTOMER REQUIREMENTS.

3" INLET SKID

3" HEADERS
MAY BE UTILIZED FROM
EITHER SIDE (RIGHT SHOWN)

WALL MOUNTED
CONTROL PANEL
(OPTIONAL)

- NOTES:
- EQUIPMENT CONNECTION LOCATIONS AND OVERALL EQUIPMENT ENVELOPE DIMENSIONS ARE ± 2".
 - ALL WASKETS, BOLTS, PIPE FITTINGS AND MISC. FITTINGS TO BE SUPPLIED BY WRT.
 - WRT AND INSTALLED ANCHOR BOLTS ARE NOT INCLUDED, LEVEL AND PLUMB.
 - ALL FLANGE CONNECTIONS SHALL BE TWO HOLED, LEVEL AND PLUMB.
 - PIPE SUPPORTS ARE TO BE LOCATED APPROXIMATELY AS SHOWN ± 2". FINAL LOCATION TO BE DETERMINED AT THE TIME OF EQUIPMENT INSTALLATION.
 - REFLECT ACTUAL DETAIL DESIGN.
 - WRT SUGGESTS SECONDARY CONTAINED FLOORING TO BE INSTALLED UNDER THE EQUIPMENT.
 - ASSEMBLIES IN SHOW VIEWS ARE NOT TO BE MODIFIED OR MIRRORRED.

SINGLE VESSEL SHIPPING WEIGHT [lbs.]	2-5000	2-5500
3400	6000	5500

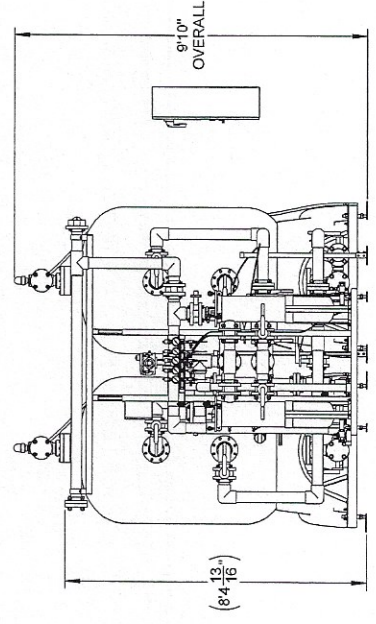
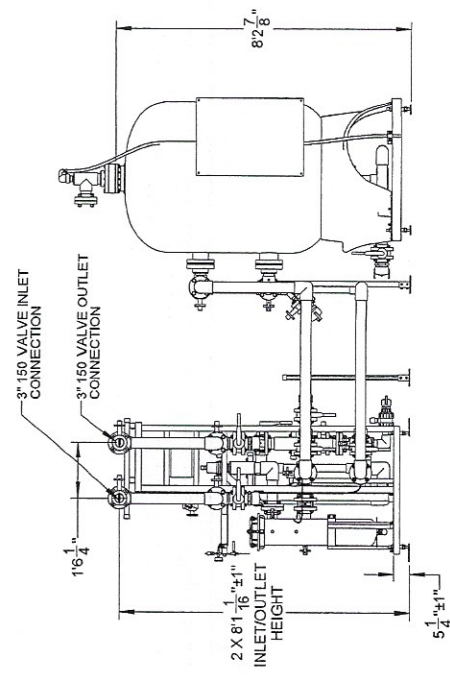
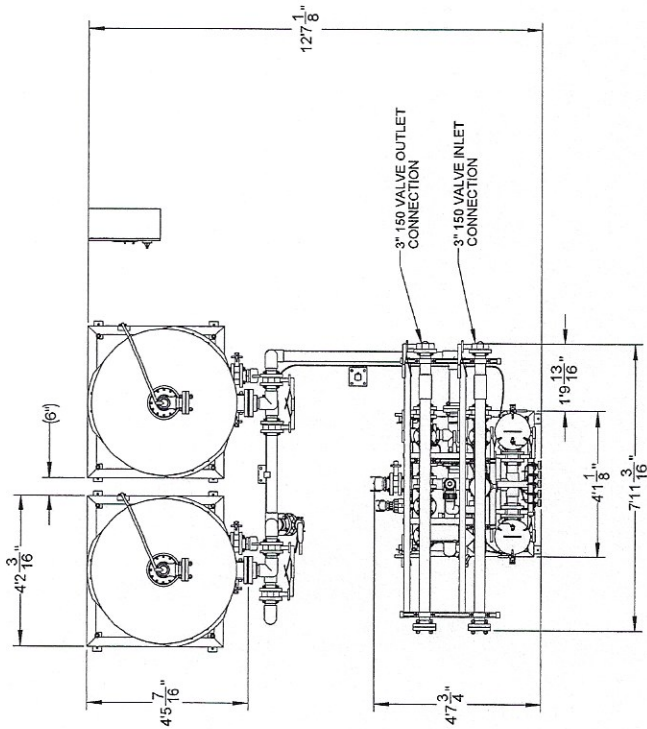
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10/11/2016

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WRT
WATER REMEDIATION TECHNOLOGY, LLC
10000 W. 10TH AVENUE, SUITE 100
DENVER, CO 80202
TEL: 303.751.1000
WWW.WRT-INC.COM

PROJECT: WRTSTD-MCS
TITLE: 34X72 DOWN FLOW RADIUM REMOVAL SYSTEM TRAIN WITH CONTROL
SHEET NO. D
DRAWING NO. WRTSTD-MCS-D-16X72-1-2-9101
REV. 1.0
SCALE 1:15
SHEET 1 OF 3

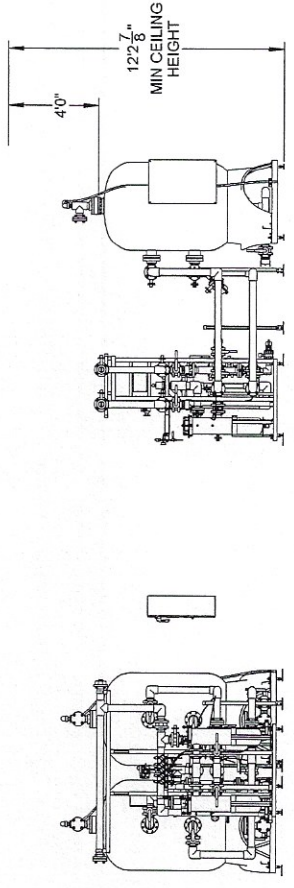
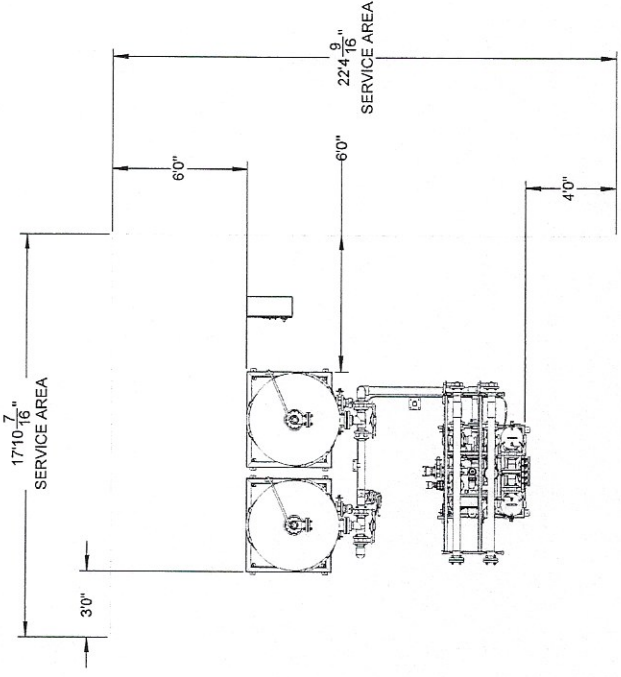


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10/11/2010


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 SHEET NO.: WFT-DEK-001-01
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 SHEET 2 OF 3

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10/11/2015

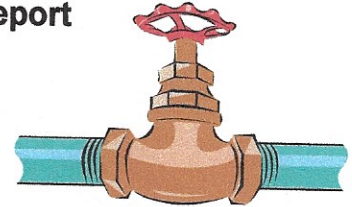
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 WRTD-MCS
 WRTD-MCS-DFB/72-1429-101
 SCALE: 1" = 1'-0"
 SHEET 3 OF 3

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T S R Q P O N M L K J I H G F E D C B A

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

Louviers Water and Sanitation District – System Status Report
February 2019
Prepared by: DM Small Systems, LLC



Water:

Gallons Produced:	382,480
Gallons Produced per Tap (111):	3,446
January Water Produced:	414,954
February Water Produced:	382,480
Total:	797,434
January-February Revenue Water:	TBD
Construction Water:	N/A
Non-Revenue Water:	TBD
Unaccounted for Water %:	TBD

Wastewater:

Gallons Metered:	202,640
30 Day Average:	6,755
Max Day:	8,010

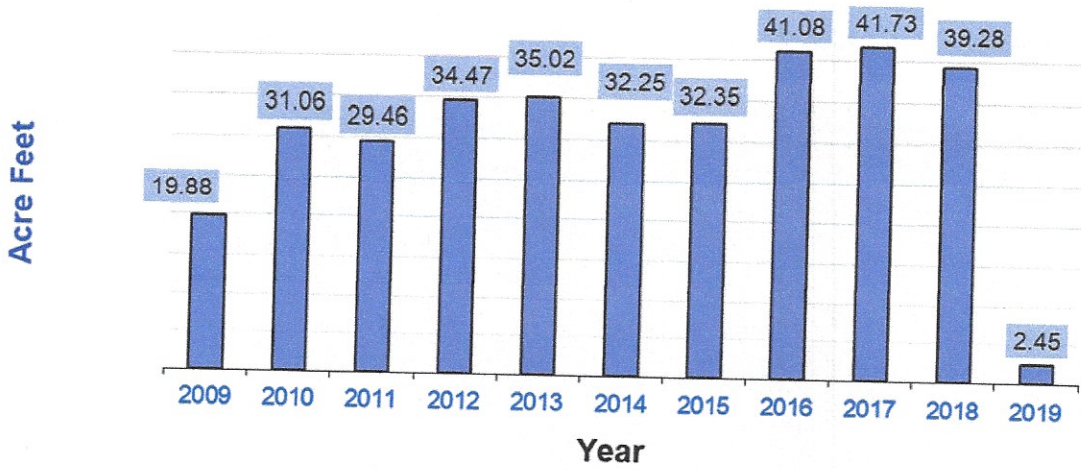
% Water Produced into Wastewater System: 54.98%

Gallons Discharged: None.

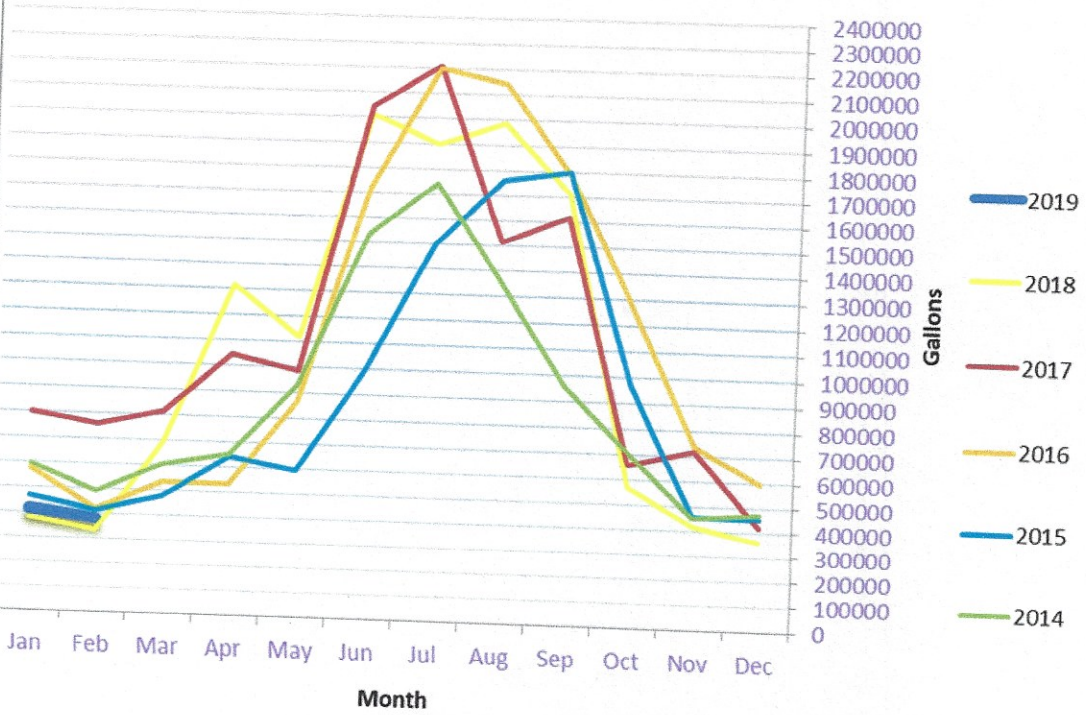
Additional Information:

There is none.

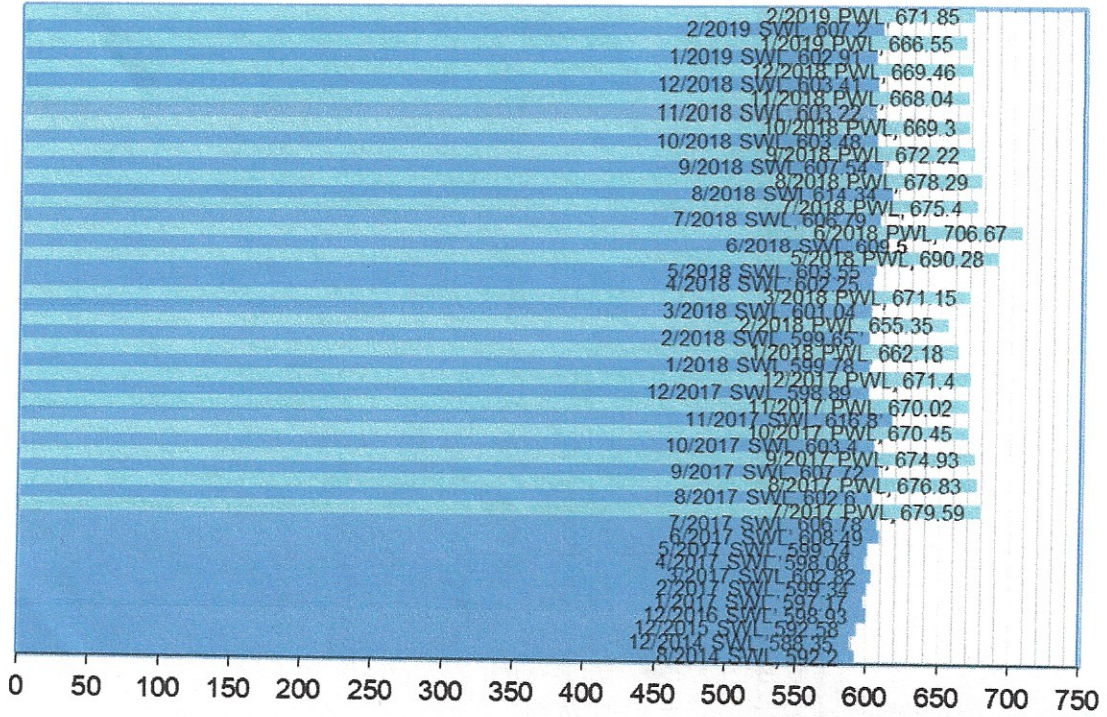
Annual Consumption in Acre Feet



Water Treated by Month



Water Level Readings, well depth is 848'
Arapahoe Aquifer #2 Well, North Well Site, Drilled in 2013, Live Date: August 16,
2014, Pump Intake: 837.75



Water Level Readings Arapahoe Aquifer #1 Well - South Site - Drilled in 1975, Began
using North well on August 16, 2014

