



December 21, 2017

E-Filing

Carlotta S. Stauffer, Commission Clerk
Office of Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

Re: Docket No. 20170166-WS- Application for limited proceeding rate increase in Orange County
by Pluris Wedgefield, Inc.
Our File No. 43085.20

Dear Ms. Stauffer:

The following are Pluris Wedgefield, Inc.'s ("Utility") responses to Staff's First Data Request dated December 5, 2017:

Pro Forma Projects.

1. Please provide invoices for all pro forma projects completed or partially completed.

Response:

See Pro Forma Projects Attachment 1 labeled "Pluris Wedgefield Water Invoices" and "Pluris Wedgefield Wastewater Invoice". Each invoice is numbered to match the listing on the previously submitted MFR Schedule No. 6, starting on Line No. 11.

2. Please provide an updated spreadsheet showing the cost of all pro forma plant additions by NARUC account number.

Response:

The cost of all pro forma plant additions by NARUC account number is already included on the previously submitted MFR Schedule No. 6.

3. The Utility's application states that the wastewater main break occurred during debris clearing. Please provide all internal reports and memos describing the incident, including any accident reports.

Response:

Pluris does not have any internal reports or memos describing the incident. Please see our response to #4 below for more detail.

4. The Utility stated that the wastewater main had been repaired in that section prior to Pluris Wedgefield ownership. Please describe the reasoning used to come to this conclusion and provide any photographs taken documenting this event.

Response:

The sewer main line break occurred as a result of unknown debris clogging the line requiring a jetting truck to respond in an attempt to clear the debris. During the work to clear the line with the jetting truck it was observed that the debris

clogging the pipeline was actually soil infiltrating the pipeline. During the continuing attempt to clear the soil the pipeline collapsed causing the roadway above the pipeline to collapse along the entire distance of the pipeline. The collapsed indicated structural damage to the pipeline. Following excavation the pipeline material was asbestos concrete ("ACM"). The nearly 40 year old pipeline had exceeded its design life and had deteriorated to the point that the entire section collapsed allowing the soil infiltration and the resulting roadway collapse. Pluris Wedgefield staff and the 3rd party underground contractor Tri-Sure Corporation (retained to complete the repair) were questioned concerning a possible previous repair in the location of the collapse. Both Wedgefield staff and TriSure Corporation have stated that the deterioration of the line was the sole cause of the collapse. The original statement of a prior repair in that section was misinterpreted between Pluris Wedgefield field staff and Pluris management in its application.

Customer Concerns. As of December 1, 2017, 31 customers have provided written comments in the docket file. At the November 2, 2017 customer meeting, 21 customers spoke with several concerns for the Utility.

1. Several customers raised concerns regarding the safety of the water, including 55 percent of customers who provided written comments and 57 percent of customers who spoke at the customer meeting. Prior to the Utility's pilot study in 2016, Total Trihalomethanes (TTHM) levels had measured above maximum allowable limits.

- a. Please provide all testing from the past five years which shows TTHM levels above the 80 micrograms per liter level.

Response:

See Consumer Concerns Attachment 1a - (Wedgefield Five Year TTHM Results).

- b. On November 1, 2017, Mr. Kuhns stated that the TTHM levels had historically been much lower and that the increase did not correspond to a change in water treatment process at Pluris. Is this correct?

Response:

Mr. Kuhns' statement is correct. This is discussed in more detail in response 1.d.

- c. Please provide the four TTHM tests prior to the first 80 micrograms per liter exceedance, to provide an indication of what signs the Utility may have seen that the TTHMs were approaching unsafe levels.

Response:

See Customer Concern Attachment 1c - (Wedgefield Historic TTHM Results). The Florida Department of Environmental Protection ("FDEP") approved pilot study for the use of chlorine dioxide as the primary disinfectant began on March 1, 2017.

- d. Please describe any change in the source water or Pluris's treatment which would explain why the TTHM levels increased from historically safe levels.

Response:

The water treatment plant is supplied well water from one or both existing subsurface water supply wells. These wells have been the source of water supply over the past 25 years.

Although the previous owner had completed construction of a Magnetic Ion Exchange ("MIEX") treatment system (the MIEX process reduces the naturally occurring organics in subsurface water) to address TTHM issues, when Pluris purchased the system in 2009, the utility was in violation of the EPA Stage 2 rule. Pluris completed a comprehensive third party engineering review of the system and concluded the problem was that the prior owner was not investing in the required volume of resin within the MIEX process. By doing so the prior owner was not operating the MIEX process in accordance with the manufacturer's operating instructions (by

not utilizing the correct amount of resin within the treatment process). This practice resulted in TTHM exceedances over enough quarters to result in a FDEP violation.

TTHMs are formed over time while organic carbon is in the presence of chlorine. The rate of this formation is dependent upon a number of variables including: time; temperature; chlorine concentration; organic carbon concentration; water age onsite and within the distribution system; automatic hydrant flushing devices; and potable use demand.

Following determination of the cause, Pluris immediately made the proper adjustments to the MIEX treatment including a mechanical improvement to insure complete mixing of the resin and raw water. This adjustment reduced the TTHM levels below the FDEP maximum contaminant level. This adjustment and the proper operation of the MIEX during the ensuing years yielded FDEP mandated TTHM compliance testing analytical results below the maximum contaminant limits until late 2016.

Subsequently the FDEP mandated Pluris conduct an investigation of the elevated TTHM levels and in late 2016 through early 2017, Pluris, along with a third party professional engineering firm (Kimley-Horn), conducted an investigation.

Based on the then known water chemistry at the time, Kimley-Horn designed the original MIEX treatment facility to remove 50% to 60% of the naturally occurring organics in the subsurface well water. The then MIEX design was needed in order to meet the EPA Stage 2 TTHM rule.

Water chemistry can change over time and in some 8 years, it did so in subsurface water below Wedgefield, and this affected disinfectant by-product formation. One of the two EPA Stage 2 regulated disinfectant by-products, TTHM was affected and TTHMs are formed by two separate species. These species are Chloroform and Bromate with sub-species within each specific category. The original MIEX treatment process was designed to remove the then predominant Chloroform type species of the TTHM family, as the then known water chemistry showed Chloroform as the predominant species.

The TTHM analytical results obtained in late 2016 and early 2017 revealed that the prevalent TTHM species was now forming from Bromate. This discovery required additional treatment to insure compliance with the EPA Stage 2 limits. Due to the concern by customers, the FDEP required Pluris to prepare a plan of action to insure the TTHM exceedances would not result in a violation with EPA Stage 2 limits. Pluris, along with Kimley-Horn professional engineers, immediately began researching and investigating a technically sound yet cost effective solution to the elevated TTHMs. Through the research and investigation, it was determined that chlorine dioxide met the two goals.

Chlorine dioxide provides efficient disinfection and does not react with the naturally occurring organics in the water to form TTHMs. The FDEP worked with Pluris throughout the research and investigation and approved a comprehensive pilot study to determine the efficacy of chlorine dioxide replacing chlorine as the permanent primary disinfectant. The FDEP letter of acceptance is attached as Customer Concerns Attachment 1d for your review (FDEP POA_Accept_Letter).

The pilot study using chlorine dioxide has demonstrated that there is no reaction with the naturally occurring organics in the water to form TTHMs. The most recent FDEP compliance test results (FDEP was present during testing) on June 23 and September 7, 2017 were non-detect for TTHMs.

Pluris applied for and received a formal FDEP approved permit on October 10, 2017 to use chlorine dioxide as the primary disinfectant for the Wedgefield water. A copy of the FDEP permit approval is attached as Customer Concerns Attachment 1d for your consideration and review (PLURIS-WEDGEFIELD WTP-Chlorine Dioxide Treatment System 10-10-2017).

In conclusion, the only difference in the source water is that although Chloroform is still present, the dominate TTHM species is now forming from the Bromate within the TTHM family.

2. Several customers raised concerns regarding bleaching of laundry, including 42 percent of customers who provided written comments and 38 percent of customers at the customer meeting. At any time during the past three years, have disinfectant residuals tested above the maximum allowable limit?

Response:

The chlorine dioxide residual has not tested above the FDEP mandated Maximum Residual Disinfectant Level ("MRDL") of 0.8 microgram per liter ("mg/L") at any time.

3. Please describe any mechanisms by which water treatment chemicals used by Pluris Wedgefield, directly or through reactions with plumbing or laundry chemicals, may lead to bleaching or spotting of clothing for customers.

Response:

The chlorine dioxide disinfectant residual is maintained throughout the distribution system per Florida Administrative Code ("FAC"), FDEP, and EPA guidelines. While a small number of residents have suggested that chlorine dioxide is the cause of the bleached or spotting of clothes, several studies performed by nationally and internationally recognized engineering firms and other utilities have indicated that chlorine dioxide disinfectant was ruled out as the cause. A Canadian study indicated that 2 out of 8 test subject clothes started to experience bleaching at concentrations between 0.8 mg/L to 1.0 mg/L of chlorine dioxide. Given the FDEP mandated MRDL of 0.8 mg/L combined with the relative decline of the chlorine dioxide residual within the distribution system, the chlorine dioxide residual does not approach the 0.8 mg/L level. In conjunction, the chlorine dioxide residual is monitored at the Point of Entry ("POE") and configured to alarm and shutdown well before experiencing residuals nearing the 0.8 mg/L identified to support bleaching or spotting determined by this study.

A comprehensive two-part study completed by Arcadis NV, a nationally and internationally leading global engineering firm indicated that bleaching was observed at 3.0 mg/L chlorine dioxide or higher residual which is nearly 4 times the 0.8 mg/L MRDL instituted by the FAC and administered by FDEP.

The result of these studies pointed to the quality of the clothes, dyes used in clothing production, and laundry aids used within washing cycles as the potential for the issue after ruling out plumbing age and pipe wall corrosion. The Arcadis study is included for your review as Customer Concerns Attachment 3.

Given Wedgefield's chlorine dioxide residual at the point of entry ("POE") has remained below 0.6 mg/L at all times during the use of chlorine dioxide, any bleaching or spotting of clothing is attributed to outside elements (laundry aid chemicals or dyes used in manufacture) that may be impacting the clothing appearance.

In addition, Wedgefield staff researched the most typical laundry product aide cited by the few customers who registered a bleaching of clothes complaint. The product is Oxiclean. This product has many disclaimers on the products labeling including;

"may cause color change in some fabrics", "may cause temporary whitening of the skin" and "do not mix with other household chemicals". This information can be found on the Oxiclean web site at www.oxiclean.com.

Pluris would like to briefly address the PSC referenced percentages regarding customer complaints on safety of the water and bleaching of clothes. The PSC referenced percentage numbers are based on the total number of 21 customers that spoke during the PSC customer meeting held at the Wedgefield Clubhouse on November 2, 2017 as well as customer comments sent directly to the PSC. It's important to note that these numbers represent less than 1% of the total Wedgefield customer base. During the pilot study, Pluris Wedgefield customer care service staff received a total of

15 customer calls expressing concern of clothes being bleached. Of these 15 customers at least 1 was found to be misrepresented once contact was made by Pluris operations' staff in following up with the spouse of the complainant. As in the prior rate case, Pluris reached out to all affected customers who filed complaints. Customers were invited to visit the advanced water treatment facility to observe firsthand the treatment process including the new chlorine dioxide treatment to address disinfectant by-products. Customers were also invited to take part in a blind taste test where six (6) water samples would be provided under manifest by the Florida state certified analytical laboratory, Flowers Analytical Laboratories, Inc. The laboratory sampled water from Pluris Wedgefield, Orange County Utilities Department, Orlando Utilities Commission, Winter Park Utilities, and a bottle water company. Only the laboratory knew the identity of the samples. This blind taste test followed the American Water Works Association (AWWA), Florida Section in its Central Florida Best Tasting Water contest, that Pluris won first place in 2016.

Most of the customers who had filed complaints did not accept the invitation. A few customers did and Pluris finished in the top 3 of the 6 samples. In addition to customers, Mr. Adam Hill, Engineering Specialist II, Division of Engineering with the PSC was offered the same site visit and taste test and he completed both. Mr. Hill ranked the samples in the following order.

- 1 - Bottled Water*
- 2 - Winter Park Utilities*
- 3 - Pluris Wedgefield*
- 4 - Orange County Utilities*
- 5 - Orlando Utilities Commission*

Deferred Income Taxes. The Protecting Americans from Tax Hikes (PATH) Act, signed into law on December 18, 2015, provided for the extension of bonus depreciation with the 50 percent bonus depreciation provisions being effective from 2015 through 2017, the 40 percent bonus depreciation for 2018 and the 30 percent bonus depreciation for 2019. In its filing, Pluris did not include the impacts of the 50 percent bonus depreciation on its proposed plant additions.

1. Does Pluris Wedgefield plan to take advantage of the PATH Act and utilize the bonus depreciation provision for water and wastewater utilities?

Response:

Yes

2. If not, please explain why Pluris Wedgefield does not plan to use the bonus depreciation on its Federal Income tax filings.

Response:

N/A

3. Please list the plant additions in Pluris Wedgefields' limited proceedings request that qualifies for bonus depreciation under the PATH Act?

Response:

On the Water MFR Schedule No. 6, under Column (c) the Projects labeled "Water Softener" and "AMI" qualify for bonus depreciation. On the Wastewater MFR Schedule No. 6, under Column (c) the Project labeled "Sewer Main" qualifies for bonus depreciation.

4. If any of the plant additions do not qualify for the bonus depreciation provisions, please indicate as such and explain why the additions do not qualify for the bonus depreciation under the tax rules.

Response:

On the Water MFR Schedule No. 6, under Column (c) the Project labeled "Office Building" does not qualify for bonus depreciation since this is a building that has a 40-year life and as such exceeds the 20-year life as dictated in the tax

rules for bonus depreciation. Also, this building is not used directly for water or wastewater treatment which is also a requirement per the tax rules.

5. Please explain whether Pluris considered the increase in credit accumulated deferred income taxes that would be generated from the requested additions to plant based on the impact of the bonus depreciation provisions in effect for 2015 through 2017.

Response:

Pluris has reflected their updated year-end balance of ADIT on Schedule No.11 of \$29,076 which is already part of the capital structure as required.

6. Please provide the amount and calculations to determine the accumulated deferred income tax credits associated with the plant additions requested in Pluris Wedgefield's limited proceeding.

Response:

See Deferred Income Taxes Attachment 6 - "2016 Pluris Wedgefield Provision". This is the rollforward of our deferred tax asset and shows the change from 2015 to 2016 due in large part to bonus depreciation.

Should you have any questions, please do not hesitate to give me a call.

Very truly yours,

/s/ Martin S. Friedman

MARTIN S. FRIEDMAN
For the Firm

MSF/

cc: Dan Winters (via e-mail)
Maurice Gallarda (via e-mail)
Adam Hill (via e-mail)
Danijela Janjic, Esquire (via e-mail)

PRO FORMA PROJECTS
ATTACHMENT “1”

Invoice #2

Invoice



Carolina Carports, Inc.
 P.O. Box 1263
 Dobson, NC 27017
 Phone # 800-670-4262
 Fax # 336-367-6432

Web Site
www.carolinacarportsinc.com

Date	Invoice #
10/12/2015	126585

Bill To
Pluris Joe Kuhns 20115 Macon Pkwy. Orlando, FL 32833 Orange

Ship To
Pluris Joe Kuhns 20115 Macon Pkwy. Orlando, FL 32833 Orange

P.O. Number

Financed

Order Date
10/2/2015

Terms
DUE ON RECEIPT

Quantity	Item Code	Description	Price Each	Amount
1	23.34.12	26 Gauge Panels / 33' Baserail---4' braces standard	4,025.00	4,025.00T
2	Gable End		175.00	350.00T
2	23' Panel	Install (1) below ea. 23' wide gable end with tubing.	140.00	280.00T
2	33' Panel	Install (1) on each 33' long side	120.00	240.00T
2	J-Trim	Install under each 33' long panel	35.00	70.00T
2	L-trim	Install below ea. 23' wide gable end.	25.00	50.00T
6	Side Entries	Install (2) 8' x 9' side entries on each 34' long side 2' from each corner- Install (2) 9' x9' Side entries 12' from each corner-	100.00	600.00T
		Take both ground and cement anchors. See drawing attached		
		Total amount purchased before dealer commission and tax.		5,615.00
		FLORIDA SALES TAX	6.00%	336.90
		ORANGE COUNTY	25.00	25.00
	Commission	Amount Kept by Dealer	-842.25	-842.25
	Labor	Install over water tanks 6' in diameter and 9' tall	175.00	175.00
		Directions - attached.		
		Tax Described in above tax line.	0.00%	0.00
Carport Central.com			Total	\$5,309.65

304.3



FLOYD MASONRY LLC
P.O. BOX 622404
OVIEDO, FL 32762

DATE	12/19/15
NUMBER	

██████████
407-721-9133

Pluris Wedgefield LLC

• 20449 Mansfield St.

TERMS:

PLEASE DETACH AND RETURN WITH YOUR REMITTANCE

\$ 6,600.00

DATE	CHARGES AND CREDITS	BALANCE
	BALANCE FORWARD	
	Masonry walls, columns, and door, labor and material	6,600.00

304.3
[Signature]

FLOYD MASONRY

Thank You

PAY LAST AMOUNT
IN THIS COLUMN

PRODUCT 95

NEBS To Reorder: 1-800-225-6300 or www.nebs.com

Invoice #4

typewriter tab stops

Use with 772 DU-O-VUE[®] Envelope - saves addressing time



FLOYD MASONRY LLC
P.O. BOX 622404
OVIEDO, FL 32762

STATEMENT

DATE	10/13/15
NUMBER	

██████████
407-721-9133

TERMS:

PLEASE DETACH AND RETURN WITH YOUR REMITTANCE

\$ 1,950.00

DATE	CHARGES AND CREDITS	BALANCE
	BALANCE FORWARD	
	20449 Mansfield	
	concrete slab labor and material	1,950.00
	<i>304.5</i>	
	<i>[Signature]</i>	
	<i>shade structure - part of new water softener project.</i>	

FLOYD MASONRY

Thank You

PAY LAST AMOUNT
IN THIS COLUMN

Invoice #5



INVOICE

April 28, 2017

Invoice # MISC2017-008

To: Pluris Holdings, LLC.
20449 Mansfield St.
Orlando, FL 32883

Remit to: Florida Environmental Const., Inc.
PO Box 305
Howey in the Hills, FL 34737

Re: Wedgefield Concrete Wall & Shade Structure

Florida Environmental Construction, Inc. furnished all equipment, parts and labor to do the following for the Wedgefield Concrete Wall & Shade Structure:

- o Permitting & General Conditions
- o Finished block work as per plans including the following:
 - o Cut the block.
 - o Epoxy the steel into the slab
 - o Finished laying block.
 - o Poured the down cells and lintel.

AMOUNT DUE THIS INVOICE \$ 17,626.00 ✓

Utility: WF
 Code: 3045
 Desc.: Sattener shade structure
Wedge
 Approval: [Signature]
 Capital Expense: Yes/No
 Capital Expense Sheet Attached: Yes/No

FLORIDA ENVIRONMENTAL CONSTRUCTION, INC.
PO BOX 305
HOWEY IN THE HILLS, FL 34737
PH: (352) 241-4766 ; FAX: (352) 241-9716

[Signature]
ENTERED



ADEGE WATER TECHNOLOGIES
 5152 Belle Wood Court Ste A
 Buford, GA 30518

Invoice

Date	Invoice #
6/19/2015	12149

Bill To	Ship To
Pluris Wedgefield, Inc. 3100 Bancroft Blvd Orlando, FL 32833	

P.O. Number	S.O. No.	Due Date	Terms	Rep	Via	F.O.B.
JK-WF-WTP	8836	6/19/2015			UPS	Buford, GA

Quantity	Item Code	Description	U/M	Price Each	Amount
0.1	WOFL-0615	<p>APUIX-7260CS-4-AVH; One 2-skid mounted Packaged Water Softener Quad; 100 psi rated non-code vessels; four 72" x 60" CS vessels; epoxy primed and painted interior and exterior; automatic 1/4" NPT bottom mount air vents / each vessel; 90 cuft of Cation resin per vessel, 360 cuft total; SCH80 PVC hub and lateral collection system; parallel system design; process valves & piping; instrumentation and controls; brine module, brine pumps, by-pass piping; remote monitoring/control. All equipment and materials per Scope of Supply dated 6/04/15.</p> <p>Pricing does not include freight or any applicable sales or end use tax. For budgetary purposes only, freight was estimated at \$5500. Actual shipping & handling will be added to invoicing at which time it is known.</p> <p>Payment Terms: Progress Payment #1: 10% on contract to generate shop drawings Progress Payment #2: 30% on release to manufacturing Progress Payment #3: 40% on shipment of system Progress Payment #4: 15% on completion of installation Progress Payment #5: 5% on successful startup, commissioning</p>		309,500.00	30,950.00T
0	Customer Deposit	Shipping & Handling - to be determined and billed at time of shipment Out-of-state sale, exempt from sales tax		0.00 0.00%	0.00T 0.00

Handwritten notes:
 20-3

Web Site	www.adedgetechnologies.com		Invoice Total	USD 30,950.00
Phone #	678-835-0052	Fax #	678-835-0057	Balance Due USD 30,950.00



ADEGE WATER TECHNOLOGIES
 5152 Belle Wood Court Ste A
 Buford, GA 30518

Invoice

Date	Invoice #
9/30/2015	12460

Bill To Pluris Wedgefield, Inc. 3100 Bancroft Blvd Orlando, FL 32833	Ship To
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P.O. Number	S.O. No.	Due Date	Terms	Rep	Via	F.O.B.
JK-WF-WTP	8836	9/30/2015			UPS	Buford, GA

Quantity	Item Code	Description	U/M	Price Each	Amount
0.7	WOFL-0615	<p>APUTX-7260CS-4-AVH: One 2-skid mounted Packaged Water Softener Quad; 100 psi rated non-code vessels; four 72" x 60" CS vessels; epoxy primed and painted interior and exterior; automatic 1/4" NPT bottom mount air vents / each vessel; 90 cuft of Cation resin per vessel, 360 cuft total; SCH80 PVC hub and lateral collection system; parallel system design; process valves & piping; instrumentation and controls; brine module, brine pumps, by-pass piping; remote monitoring/control. All equipment and materials per Scope of Supply dated 6/04/15.</p> <p>Pricing does not include freight or any applicable sales or end use tax. For budgetary purposes only, freight was estimated at \$5500. Actual shipping & handling will be added to invoicing at which time it is known.</p> <p>Payment Terms: Progress Payment #1: 10% on contract to generate shop drawings Progress Payment #2: 30% on release to manufacturing Progress Payment #3: 40% on shipment of system Progress Payment #4: 15% on completion of installation Progress Payment #5: 5% on successful startup, commissioning</p>		309,500.00	216,650.00T
1	Customer Deposit	Shipping & Handling		5,500.00	5,500.00T
1	Customer Deposit	Florida sales tax		17,608.48	17,608.48T
		Out-of-state sale, exempt from sales tax		0.00%	0.00

309,500.30

Web Site	www.adedgetechnologies.com	Invoice Total	USD 239,758.48
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Phone #	6787306520	Fax #	678-835-0057	Balance Due	USD 239,758.48
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2055 Boggs Road
Duluth, GA 30096

Invoice

Date	Invoice #
10/27/2015	12536

Bill To
Pluris Wedgefield, Inc. 3100 Bancroft Blvd Orlando, FL 32833

Ship To
Wedgefield

P.O. Number	S.O. No.	Due Date	Terms	Rep	Via	F.O.B.
JK-WF-WTP	8836	10/27/2015			UPS	Buford, GA

Quantity	Item Code	Description	U/M	Price Each	Amount
0.2	WOFL-0615	<p>APUIX-7260CS-4-AVH; One 2-skid mounted Packaged Water Softener Quad; 100 psi rated non-code vessels; four 72" x 60" CS vessels; epoxy primed and painted interior and exterior; automatic 1/4" NPT bottom mount air vents / each vessel; 90 cuft of Cation resin per vessel, 360 cuft total; SCH80 PVC hub and lateral collection system; parallel system design; process valves & piping; instrumentation and controls; brine module, brine pumps, by-pass piping; remote monitoring/control. All equipment and materials per Scope of Supply dated 6/04/15.</p> <p>Pricing does not include freight or any applicable sales or end use tax. For budgetary purposes only, freight was estimated at \$5500. Actual shipping & handling will be added to invoicing at which time it is known.</p> <p>Payment Terms: Progress Payment #1: 10% on contract to generate shop drawings Progress Payment #2: 30% on release to manufacturing Progress Payment #3: 40% on shipment of system Progress Payment #4: 15% on completion of installation Progress Payment #5: 5% on successful startup, commissioning</p>		309,500.00	61,900.00T
0	Customer Deposit	Shipping & Handling		5,500.00	0.00T
1	Customer Deposit	DEDUCT: Remove backwash pump & brine pump from AdEdge Scope of Supply		-5,625.00	-5,625.00T

Invoice Total
Balance Due



2055 Boggs Road
Duluth, GA 30096

Invoice

Date	Invoice #
10/27/2015	12536

Bill To
Pluris Wedgefield, Inc. 3100 Bancroft Blvd Orlando, FL 32833

Ship To
Wedgefield

WE ARE MOVING!! As of January 1, 2016
Please update your records to our new address:
2055 BOGGS ROAD, DULUTH, GA 30096

P.O. Number	S.O. No.	Due Date	Terms	Rep	Via	F.O.B.
JK-WF-WTP	8836	10/27/2015			UPS	Buford, GA

Quantity	Item Code	Description	U/M	Price Each	Amount
1	Customer Deposit	ADDER: Emergency Piping By-Pass necessary to keep system online		1,500.00	1,500.00T
1	Customer Deposit	ADDER: SCADA Option		2,500.00	2,500.00T
1	Customer Deposit	ADDER: Piping & Valves and installation as a result of removing backwash pump & brine pump		817.03	817.03T
		Out-of-state sale, exempt from sales tax		0.00%	0.00

Utility: WF-W
 Code: 3003
 Desc.: Final payment for new softener
 Install: OK
 Approval: [Signature]
 Capital Expense: Yes/No
 Capital Expense Sheet Attached: Yes/No

Invoice Total	USD 61,092.03
Balance Due	USD 61,092.03

APPLICATION AND CERTIFICATE FOR PAYMENT

A1A DOCUMENT G702

PAGE:

TO:
 PLURIS HOLDINGS, LLC
 1102 S FLORIDA AVE
 LAKELAND, FL 33803
 FROM (CONTRACTOR):
 FL ENVIRONMENTAL CONST., INC.
 P.O. BOX 305
 HOWEY IN THE HILLS, FL 34737

PROJECT NAME:
 WEDGEFIELD OFFICE TRAILER
 VIA (ENGINEER): CPH ENGINEERS, INC.
 KIMLEY-HORN & ASSOCIATES
 3660 MAGUIRE BLVD. STE 200
 ORLANDO, FL 32803

APPLICATION NO: 2
 MISC 2017-05
 PERIOD TO: 3/25/2017
 PROJECT NO:
 JOB #
 CONTRACT DATE: 2/8/2017

Distribution to:
 ___ OWNER
 ___ ARCHITECT
 ___ CONTRACTOR
 ___ ENGINEER

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract.
 Continuation Sheet, A1A Document G703, is attached.

CHANGE ORDER SUMMARY				
Change Orders approved in previous months by Owner			TOTAL	
			ADDITIONS	DEDUCTIONS
			\$ -	\$ -
Approved this Month				
Number	Date Approved			
TOTALS			\$ -	\$ -
Net Change by Change Orders.			\$ -	\$ -

1. ORIGINAL CONTRACT SUM.....	\$ 47,308.00
2. Net change by Change Orders.....	\$ -
3. CONTRACT SUM TO DATE (Line 1 + 2).....	\$ 47,308.00
4. TOTAL COMPLETED & STORED TO DATE.....	\$ 47,308.00
(COLUMN G ON G703)	
5. RETAINAGE:	
A. 0% OF COMPLETED WORK.....	\$ -
B. ___% OF STORED MATERIAL.....	
TOTAL RETAINAGE (LINE 5A + 5B OR TOTAL IN COLUMN I OF G703).....	\$ -
6. TOTAL EARNED LESS RETAINAGE.....	\$ 47,308.00
(LINE 4 LESS LINE 5 TOTAL)	
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (LINE 6 FROM PRIOR CERTIFICATE).....	\$ 21,646.00
8. CURRENT PAYMENT DUE.....	\$ 25,662.00
9. BALANCE TO FINISH, PLUS RETAINAGE.....	\$ -
(LINE 3 LESS LINE 6)	

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR: Florida Environmental Construction, Inc

By: Robert Lightsey - President 3/22/2017
 Robert Lightsey - President Date

ENGINEER / OWNER

BY: _____ DATE: _____

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Architect certifies to the Owner that to the best of the Architect's knowledge information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under the Contract.

Orl
 ENTERED



Invoice for Professional Services

PLURIS WEDGEFIELD INC.
 ATTN: JOE KUHN
 1102 S FLORIDA AVE
 LAKELAND, FL 33803

Invoice No: 8577833
 Invoice Date: Oct 31, 2016
 Invoice Amount: \$10,552.83
 Project No: 149688002.2
 Project Name: WEDGEFIELD HOURLY SERVICE
 Project Manager: ROMANO, STEVE

Please send payments to:
 KIMLEY-HORN AND ASSOCIATES, INC.
 P.O. BOX 932520
 ATLANTA, GA 31193-2520

Client Reference:

For Services Rendered through Oct 31, 2016

Federal Tax Id: 56-0885615

HOURLY

Description	Current Amount Due
SERVICES RENDERED	10,552.83
Total HOURLY	10,552.83

DESCRIPTION OF SERVICES PERFORMED:

TTHM ANALYSIS \$5950.83 **320.3**
 SITE PERMITTING FOR OFFICE AND MAXIM BREAK \$3282 **331.4**
 OFFICE TRAILER ELECTRICAL \$1320 **304.5**

Total Invoice: \$10,552.83

Utility: INF
 Code: _____
 Desc.: see invoice description
 Approval: [Signature]
 Capital Expense: Yes/No (No)
 Capital Expense Sheet Attached: Yes/No (No)

Kimley»»Horn

Invoice for Professional Services

PLURIS WEDGEFIELD INC.
 ATTN: JOE KUHNS
 1102 S FLORIDA AVE
 LAKELAND, FL 33803

Invoice No: 8683907A
 Invoice Date: Nov 30, 2016
 Invoice Amount: \$4,377.50
 Project No: 149688002.2
 Project Name: WEDGEFIELD HOURLY SERVICE
 Project Manager: ROMANO, STEVE

Please send payments to:
 KIMLEY-HORN AND ASSOCIATES, INC.
 P.O. BOX 932520
 ATLANTA, GA 31193-2520

Client Reference:

For Services Rendered through Nov 30, 2016

Federal Tax Id: 56-0885615

HOURLY

Description	Current Amount Due
OFFICE TRAILER PERMITTING	4,377.50
Total HOURLY	4,377.50

Total Invoice: \$ 4,377.50

Utility: WF
 Code: _____
 Desc.: WTP OFFICE PERMITTING
 Approval: [Signature]
 Capital Expense: Yes/No
 Capital Expense Sheet Attached: Yes/No (No)

304.5

ENTERED

Adriana Pate

From: Joe Kuhns
Sent: Tuesday, June 14, 2016 12:54 PM
To: Adriana Pate; Dan Winters
Cc: Maurice Gallarda; Garth Armstrong
Subject: Wedgefield - WTP Office
Attachments: PlurisWedgefield_Office_Contract_Exec.pdf

Adriana,

I am requesting checks for the Wedgefield WTP office per the executed contract attached. Please send the execution of contract (25%) to my office address at your earliest convenience. I will coordinate with you on the remainder checks. Thanks!

The checks are as follows;

Execution of contract – 25% - 5,552.21

Delivery of office to site – 65% - 14,435.74

Pluris acceptance of office – 10% - 2220.83

Joseph M. Kuhns
Regional Manager



Pluris Holdings LLC

O 863.940.9771 / M 813.526.0608

O 1102 S. Florida Ave., Lakeland, FL. 33803

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[Click to read full disclaimer.](#)

APPLICATION AND CERTIFICATE FOR PAYMENT

A1A DOCUMENT G702

PAGE:

TO: **PLURIS HOLDINGS, LLC**
 1102 S FLORIDA AVE
 LAKELAND, FL 33803

FROM (CONTRACTOR): **FL ENVIRONMENTAL CONST., INC.**
 P.O. BOX 305
 HOWEY IN THE HILLS, FL 34737

PROJECT NAME: **WEDGEFIELD OFFICE TRAILER**

VIA (ENGINEER): **CPH ENGINEERS, INC.**
KIMLEY-HORN & ASSOCIATES
 3660 MAGUIRE BLVD. STE 200
 ORLANDO, FL 32803

CONTRACTOR'S APPLICATION FOR PAYMENT

APPLICATION NO: **1**

PERIOD TO: **2/17/2017**

PROJECT NO:

JOB #

CONTRACT DATE: **2/8/2017**

Distribution to:

OWNER

ARCHITECT

CONTRACTOR

ENGINEER

Application is made for payment, as shown below, in connection with the Contract.
 Continuation Sheet, A1A Document G703, is attached.

CHANGE ORDER SUMMARY				
Change Orders approved in previous months by Owner		TOTAL	ADDITIONS	DEDUCTIONS
		\$ -	\$ -	\$ -
Approved this Month				
Number	Date Approved			
TOTALS		\$ -	\$ -	\$ -
Net Change by Change Orders.		\$ -	\$ -	\$ -

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR: Florida Environmental Construction, Inc

By: Robert Lightsey - President 2/17/2017
 Robert Lightsey - President Date

1. ORIGINAL CONTRACT SUM.....	\$ 47,308.00
2. Net change by Change Orders.....	\$ -
3. CONTRACT SUM TO DATE (Line 1 + 2).....	\$ 47,308.00
4. TOTAL COMPLETED & STORED TO DATE.....	\$ 21,646.00
(COLUMN G ON G703)	
5. RETAINAGE:	
A. 0% OF COMPLETED WORK.....	\$ -
B. ___% OF STORED MATERIAL.....	
TOTAL RETAINAGE (LINE 5A + 5B OR TOTAL IN COLUMN I OF G703).....	\$ -
6. TOTAL EARNED LESS RETAINAGE.....	\$ 21,646.00
(LINE 4 LESS LINE 5 TOTAL)	
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (LINE 6 FROM PRIOR CERTIFICATE).....	\$ -
8. CURRENT PAYMENT DUE.....	\$ 21,646.00
9. BALANCE TO FINISH, PLUS RETAINAGE.....	\$ 25,662.00
(LINE 3 LESS LINE 6)	

ENGINEER / OWNER

BY: _____ DATE: _____

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Architect certifies to the Owner that to the best of the Architect's knowledge information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

DR
ENTERED

Invoice #15



Orlando
1850 Saturn Blvd
Orlando, FL 32837
PH: (407) 459-4331
FAX: (407) 459-4347

Purchase Agreement No: SFQ-283095
Purchase Agreement Date: 06-02-2016
Purchase Agreement Expires: 30 days
Sales Rep: David MacMillan
Email: dmacmillan@pacvan.com

Billing Information

Pluris Wedgefield
Garth Armstrong
Orlando,
Ph: (813) 526-0396

Shipping Information

Pluris Wedgefield

Orlando, FL 32833

Charges	Quantity	Unit Price	Total Sale Price
112 lf of gray vinyl skirting to match	1	\$1,540.00	\$1,540.00
12 x 48 Sales Office	1	\$12,607.35	\$12,607.35
5x10 wood deck / 30' ramp / one set of steps	1	\$5,625.00	\$5,625.00
Delivery	1	\$138.00	\$138.00
Set-up	1	\$543.00	\$543.00
(9) sets of foundation, building and ramp drawings	1	\$400.00	\$400.00

Total: \$20,853.35

w/Tax*: \$22,208.83

Notes:

* Tax Amount is an estimate only.

90 day warranty on the structure and Mechanical and electrical to make sure everything is working properly.

pay this amt. (see email) →
\$ 2220.83 -

SPECIAL OFFER:

Need Storage?

Please ask us about our special pricing on all Storage Containers with your order.

Included With Your Pac-Van Agreement:
Superior Customer Service
Nationwide Service From a Local Company
Your One Stop for Mobile & Ground-Level Offices, Modular Buildings, and Storage Equipment

This agreement is made between Pac-Van, Inc., herein called the Seller, and Pluris Wedgefield herein called the Purchaser, and is subject to the Equipment and/or Services Purchase Agreement Terms and Conditions attached hereto.

The purchaser is responsible for securing any and all applicable building permits, licenses, or approvals necessary for the purchased equipment. This Purchase Agreement is based on a level, compact, and accessible site. Unless specified, this Purchase Agreement excludes taxes and other services. Seller does not warrant in any way that the equipment meets any local, state, federal or other code unless specified. This Purchase Agreement is contingent on final acceptance by Seller and credit approval by Seller.

→ Sign Here
Signature: _____
Printed: Joseph M. Keenan
Title: Regional Manager
Date: 6-14-2016

Signature: _____
Printed: David MacMillan
Title: Sales Representative
Date: _____

DR
ENTERED



Orlando
 1850 Saturn Blvd
 Orlando, FL 32837
 PH: (407) 459-4331
 FAX: (407) 459-4347

Purchase Agreement No: SFQ-283095
 Purchase Agreement Date: 06-02-2016
 Purchase Agreement Expires: 30 days
 Sales Rep: David MacMillan
 Email: dmacmillan@pacvan.com

Billing Information

Pluris Wedgefield
 Garth Armstrong
 Orlando,
 Ph: (813) 526-0396

Shipping Information

Pluris Wedgefield
 Orlando, FL 32833

Charges	Quantity	Unit Price	Total Sale Price
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Total: \$20,853.35

w/Tax*: \$22,208.83

Notes:

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SPECIAL OFFER:

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 Your One Stop for Mobile & Ground-Level Offices, Modular Buildings, and Storage Equipment

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The purchaser is responsible for securing any and all applicable building permits, licenses, or approvals necessary for the purchased equipment. This Purchase Agreement is based on a level, compact, and accessible site. Unless specified, this Purchase Agreement excludes taxes and other services. Seller does not warrant in any way that the equipment meets any local, state, federal or other code unless specified. This Purchase Agreement is contingent on final acceptance by Seller and credit approval by Seller.

→
Sign Here

Signature: *Joseph M. Ashby*
 Printed: Joseph M. Ashby
 Title: Regional Manager
 Date: 5-14-2016

Signature: _____
 Printed: David MacMillan
 Title: Sales Representative
 Date: _____



Equipment and/or Services Purchase Agreement Terms and Conditions

1. **Sale.** Pac-Van, Inc. ("Seller") hereby sells, and the party identified ~~on the reverse hereof~~ ^{Order 6-14-2016} ("Purchaser") hereby purchases from Seller, all of Seller's right, title and interest in the equipment identified ~~on the reverse hereof~~ ^{Order 6-14-2016} (the "Equipment") pursuant to the terms of this Equipment and/or Services Purchase Agreement (this "Agreement").

2. **Scope of Work.** Seller shall be responsible for delivering to Purchaser only the Equipment and/or rendering the services (the "Services") specified in the attached quote ("Quote") or scope of work document ("Work Document"). Seller is not obligated to sell any Equipment or render any Service unless specified on the attached Quote, Work Document or an approved change order signed by Purchaser and Seller. In the case of a building ("Building") which is newly manufactured, Seller may request Purchaser to approve floor plans, specifications, finish selections, and other documentation required by the manufacturer prior to commencing building process. Any changes to these Building specifications must be approved in writing by both Purchaser and Seller.

3. **Regulatory Requirements:** The Purchaser shall promptly execute and comply with all federal, state, and local statutes, ordinances, and all other regulatory requirements (including any state or local building codes) applicable to the Equipment. Unless the Quote states that Seller is responsible for obtaining permits for the Equipment, Purchaser shall be solely responsible for obtaining all permits necessary to set and occupy the Equipment. Purchaser shall be solely responsible for all taxes (including sales and property tax), permit fees and other costs related to the sale of the Equipment. After receipt of payment in full for the Equipment, Seller shall deliver to Purchaser a bill of sale or a statement of origin for the Equipment.

4. **Site Conditions:** Unless otherwise specified on the Quote, Purchaser shall be solely responsible for providing a safe, level, and compact site with appropriate accessibility for delivery of the Equipment and any Services or set up of the Equipment. Purchaser shall be responsible for additional costs related to site conditions deemed unacceptable or inadequate by Seller.

5. **Utilities:** Purchaser shall be solely responsible for arranging for utility service, running necessary utility lines and connecting utilities to the Equipment, unless specified otherwise on the Quote.

6. **Insurance:** Purchaser, at its own expense, shall insure for risks of loss or damage to the Equipment or injury to any person commencing upon arrival of the Equipment at the delivery location (when Equipment is unhooked from transportation equipment).

7. **Acceptance:** Upon completion of the Services, Seller will request acceptance of the Equipment ("Acceptance") by Purchaser. The Purchaser shall have the right to inspect all Equipment ("Inspection") prior to Acceptance. Inspection and Acceptance will not be unreasonably delayed or refused. Purchaser may submit a written list to the Seller for elements of the Equipment which are not accepted by Purchaser (the "Punch List"). Seller will use reasonable commercial efforts to resolve all Punch List items in a reasonable and timely manner. Upon receipt of Acceptance and full payment for the Equipment, Seller will authorize Purchaser to use the Equipment (including the transfer of keys if applicable). In the absence of a written Acceptance delivered to Seller from Purchaser, Purchaser's use by of the Equipment or payment in full acknowledges Purchaser's full Acceptance of the Equipment and satisfactory completion of Seller's responsibilities under this Agreement.

8. **Delays:** In the case of new manufactured Buildings, Purchaser may not delay delivery of a Building for more than 10 business days after the Equipment is made available to Seller by the Building manufacturer. In the event such a delay lasts 10 business days, Purchaser agrees to accept the Equipment on the tenth business day following delivery (the "Outside Delivery Date") "as is, where is" and responsibility for the Building including liability and risk of loss shall transfer to Purchaser on the Outside Delivery Date. In addition, Purchaser agrees to make immediate payment in full for the Equipment no later than the Outside Delivery Date. In the event of such delay, Seller reserves the right to change its pricing for any Services. If Purchaser fails to conduct the Inspection and provide Acceptance in a reasonable and timely manner (not to occur later than the Outside Delivery Date), Purchaser shall be deemed to have delivered Acceptance to Seller and shall pay Purchaser in full for the Equipment.



Equipment and/or Services Purchase Agreement Terms and Conditions

9. **Warranties:** Seller extends and assigns any and all manufacturer's warranties related to the Equipment. There are no additional warranties. 90 day warranty on the structure and Mechanical and electrical to make sure everything is working properly.

Warranty Disclaimer – EXCEPT FOR THE MANUFACTURER'S WARRANTIES, WHICH ARE HEREGY ASSIGNED TO PURCHASER, PURCHASER AGREES THAT THE EQUIPMENT, THE SERVICES RENDERED BY SELLER AND OTHER ITEMS DELIVERED TO PURCHASER ARE DELIVERED "AS IS, WHERE IS" WITH ALL FAULTS AND DEFECTS. SELLER HEREBY DISCLAIMS, AND PURCHASER HEREBY WAIVES AND RELEASES, ALL LIABILITIES AND OBLIGATIONS OF SELLER, AND PURCHASER AGREES THAT SELLER MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, REGARDING THE EQUIPMENT PURCHASED BY PURCHASER OR THE SERVICES RENDERED BY SELLER, WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY, SUITABILITY OR FITNESS FOR A PARTICULAR PURPOSE, PERFORMANCE, QUALITY, DESIGN, WORKMANSHIP, CONDITION, STORAGE CAPACITY OR COMPLIANCE WITH LAW.

10. **Payment Terms:** Unless otherwise stated in the Quote or Work Document, Purchaser shall pay Seller the price for the Equipment and the fees for the Services (collectively, the "Charges") for the Equipment and Services as follows: (a) 25% of the Charges are due upon signing and delivery of this Agreement to Purchaser, (b) 65% of the Charges are due upon delivery of the Equipment and /or Services and (c) 10% of the Charges are due upon Acceptance of the Equipment and/or Services.

11. **Assignment:** Purchaser shall neither assign its rights nor delegate performance of its duties under this Agreement unless specifically approved in writing by Seller.

12. **Termination of Agreement:** This Agreement may be terminated by Seller upon the occurrence of any of the following: (1) Purchaser fails to obtain credit approval from Seller, (2) Seller's business closes, (3) manufacturer's business closes and Seller is unable to obtain the same or similar Equipment from another manufacturer without additional cost, (4) Purchaser requests cancellation and receives Seller's written approval prior to Seller placing purchase order for the new manufactured Building or (5) Purchaser's default. Otherwise, Purchaser's breach of this Agreement shall not constitute a termination of this Agreement, and Purchaser shall remain liable for the full performance of all obligations on the part of the Purchaser under this Agreement.

13. ~~**Indemnification:** Purchaser shall indemnify, hold harmless, defend and reimburse Seller and its directors, officers, shareholders, employees, agents, affiliates and assigns (collectively, the "Seller Related Parties") from and against all losses, damages, death, claims, injuries, costs and attorney's fees, whether or not caused by the concurrent negligence of the Seller Related Parties, arising from (a) the loss of, damage to or destruction of Equipment or its contents (the "Contents") due to collision, forces of nature, fire or other casualty, (b) damage to Purchaser's goods or property caused during storage in or transport of the Equipment or the Contents, (c) any levy, attachment or repossession of the Equipment, (d) any fine, liens, tax, penalty, towing, impound or other charges arising from Purchaser's use of the Equipment, (e) Purchaser's breach of this Agreement, (f) the use, maintenance, operation, ownership, transport or rental of the Equipment by Purchaser or Purchaser's agents, (g) any pollution, contamination, environmental impairment and/or similar condition directly or indirectly caused by or resulting in whole or in part from Purchaser's rental of the Equipment pursuant to this Agreement or (h) any environmental statutory or regulatory compliance requirements applicable to any Equipment (or any use thereof) and required under any and all foreign or domestic federal, state or local laws, treaties, ordinances, regulations, codes, rules, orders, guidelines, policies or requirements of any governmental authorities which regulate or impose standards of liability or conduct concerning air, water, soils, wetlands and watercourses, solid waste, hazardous waste and/or materials, worker and community right to know, noise, resource protection, health protection and similar environmental, health, safety, and land use concerns as may now or at any time hereafter be in effect. The indemnification obligations of Purchaser hereunder shall survive the termination of this Agreement.~~



Equipment and/or Services Purchase Agreement Terms and Conditions

14. ~~**Seller's Remedies:** In the event of any default by the Purchaser under this Agreement, Seller may: (a) declare the entire amount under this Agreement immediately due and payable, without notice or demand to the Purchaser, (b) sue for recovery of all payments, and other payments, then accrued or thereafter accruing, (c) take possession of the purchased equipment and any parts thereof, without demand or notice, wherever the same shall be located, without any court order or process of law and (d) sue for damages for loss of business profits, loss of revenue, labor costs, all expenses associated with the pick-up of the purchased equipment, attorney fees or any other consequential damage.~~
15. **Attorney Fees and Forum Selection:** In the event of any dispute arising under or in connection with this Agreement or any action to enforce this Agreement or to remedy a default or breach hereunder, the prevailing party therein shall be entitled to recover from the non-prevailing party all costs and expenses related to such proceeding or claim, including, without limitation, reasonable attorneys' fees and expert witness fees. All claims brought by Seller against Purchaser or Purchaser against Seller shall be subject to and governed by the laws of the State of Florida, venue for such claims shall be solely in and subject to the jurisdiction of Orange County, Florida and no other jurisdiction.
16. **Sending of Notices:** For purposes of any notice required, Seller represents that its principal place of business is located at 9155 Harrison Park Court, Indianapolis, IN 46216. Purchaser represents that its principal place of business is located at the address set forth in the Quote. Notice mailed to the office of Purchaser or Seller shall constitute sufficient notice to comply with the terms of this Agreement. Notices emailed to Seller at notices@pacvan.com shall constitute sufficient notice to Seller.
17. **Entire Agreement:** The terms of this Agreement are intended by the Purchaser and Seller as a final expression of their agreement with respect to such terms and also as a complete and exclusive statement of such terms. This Agreement may not be modified or rescinded in any manner except by the written agreement of both Seller and Purchaser. In case any one or more of the provisions contained in this Agreement shall for any reason be held to be invalid, illegal, or unenforceable in any respect, such invalidity, illegality, or unenforceability shall not affect any other provision thereof and this Agreement shall be construed as if such invalid, illegal, or unenforceable provision had never been contained herein.

Dawn Rodriguez

From: Adriana Pate
Sent: Friday, April 07, 2017 9:59 AM
To: Dawn Rodriguez
Subject: FW: Wedgefield - WTP Office
Attachments: Wedgefield - WTP Office; PlurisWedgefield_Office_Contract_Exec.pdf

Dawn –

Please adjust to Pac Van from Pluris Wedgefield to \$2,220.83.

Thank you.

Adriana Pate
Accounts Payable Manager



Pluris Holdings LLC

D 214.220.3427

O 2100 McKinney Ave, Suite 1550, Dallas, TX 75201

This e-mail is subject to the Pluris Holdings email disclaimer.
[Click to read full disclaimer.](#)

From: Adriana Pate
Sent: Thursday, April 06, 2017 3:12 PM
To: Joe Kuhns
Cc: Dan Winters; Maurice Gallarda
Subject: RE: Wedgefield - WTP Office

Joe,

Before cutting the check I would like to confirm the amount you wrote below is correct. I show the amount you listed in your original email (attached) is different. To date we've paid two payments to Pac-Van - \$14,435.74 and \$5,552.21.

Please advise.

Adriana Pate
Accounts Payable Manager



Dawn Rodriguez

From: Adriana Pate
Sent: Thursday, April 06, 2017 3:06 PM
To: Dawn Rodriguez
Subject: FW: Wedgefield - WTP Office
Attachments: PlurisWedgefield_Office_Contract_Exec.pdf; Wedgefield - WTP Office

Dawn –

Please cut a check for the amount below and code the same as the other invoices to Pac-Van for this project.

Thank you,

Adriana Pate
Accounts Payable Manager



Pluris Holdings LLC

D 214.220.3427

O 2100 McKinney Ave, Suite 1550, Dallas, TX 75201

This e-mail is subject to the Pluris Holdings email disclaimer.
[Click to read full disclaimer.](#)

From: Joe Kuhns
Sent: Thursday, April 06, 2017 2:06 PM
To: Adriana Pate
Cc: Dan Winters; Maurice Gallarda
Subject: Wedgefield - WTP Office

Adriana,

2220.83

see
email
→

I am requesting a check in the amount of ~~2,152.71~~ to satisfy the 10% hold on the WTP office until it was verified that all systems worked correctly. We have confirmed everything is in good working order. I have attached the original contract that outlines details.

Please send the check directly to the Pac Van folks. Thank you!

Joseph M. Kuhns
Regional Manager

Dawn Rodriguez

From: Joe Kuhns
Sent: Tuesday, June 14, 2016 12:54 PM
To: Adriana Pate; Dan Winters
Cc: Maurice Gallarda; Garth Armstrong
Subject: Wedgefield - WTP Office
Attachments: PlurisWedgefield_Office_Contract_Exec.pdf

Adriana,

I am requesting checks for the Wedgefield WTP office per the executed contract attached. Please send the execution of contract (25%) to my office address at your earliest convenience. I will coordinate with you on the remainder checks. Thanks!

The checks are as follows;

Execution of contract – 25% - 5,552.21

Delivery of office to site – 65% - 14,435.74

Pluris acceptance of office – 10% - 2220.83 *

Joseph M. Kuhns
Regional Manager



Pluris Holdings LLC

O 863.940.9771 / M 813.526.0608

O 1102 S. Florida Ave., Lakeland, FL. 33803

This e-mail is subject to the Pluris Holdings email disclaimer.
[Click to read full disclaimer.](#)

Kimley»Horn

Invoice for Professional Services

PLURIS WEDGEFIELD INC.
 ATTN: JOE KUHNS
 1102 S FLORIDA AVE
 LAKELAND, FL 33803

Invoice No: 9129584A
 Invoice Date: Mar 31, 2017
 Invoice Amount: \$14,213.70
 Project No: 149688002.2
 Project Name: WEDGEFIELD HOURLY SERVICE
 Project Manager: ROMANO, STEVE

Please send payments to:
 KIMLEY-HORN AND ASSOCIATES, INC.
 P.O. BOX 932520
 ATLANTA, GA 31193-2520

Client Reference:

For Services Rendered through Mar 31, 2017

Federal Tax Id: 56-0885615

HOURLY

Description	Current Amount Due
BUILDING PERMITTING COORDINATION	14,213.70
Total HOURLY	14,213.70

Total Invoice: \$14,213.70

Utility: WF
 Code: 536.4
 Desc.: WTP permit 11.09
 Approval: [Signature]
 Capital Expense: Yes/No (No)
 Capital Expense Sheet Attached: Yes/No (No)

[Signature]
 ENTERED

Oxford Pipeline Inc. <i>Underground Utilities/Pipe Rehabilitation</i>		
P.O. Box 86 Oxford, FL 34844 Phone: 352-504-8750 Fax: 352-330-0473 Email: cbarrette@oxfordpipeline.com FL LIC#: CUC1224062		
		Date: Mar. 02, 2017
Pluris Holdings		Customer ID: A101
		Prepared by: Craig Barrette

Invoice # 915-03-02-17-0767

INVOICE

Sewer and Water Lateral

Description	Amount
Install approx. 110 L.F. of 6" gravity sewer with clean out at building and connect to existing 8" sewer main.	
Install 3/4" water service from building to main, approx. 60 L.F.	4,710.00
Install 12" x 6" tapping sleeve and valve. Tap main. Install new fire hydrant.	7,670.00
Note: Permits, meter and sod, not included in Quote.	
* Per Quote:	
Man hours= N/A	
Equipment= N/A	
Materials OPI supplied=Truck w/ tools	
Service requested by= Roger Holsapple	
Thank you for your business!	TO \$12380.00

Handwritten notes:
 w/f 3314
 water lines for
 w/p office
 Exp. - Yes
 sheet - Yes

Note: net terms 30 days

Handwritten: ENTERED



INVOICE

Invoice # E690462
 Invoice Date 10/23/15
 Account # 225342
 Sales Rep PAUL THOMAS
 Phone # 407-291-1545
 Branch # 051 Orlando, FL
 Total Amount Due \$68,900.00

1830 Craig Park Court
 St. Louis, MO 63145

Remit To:
 HD SUPPLY WATERWORKS, LTD.
 PO BOX 4853
 ORLANDO, FL 32802-4853

511 1 MB 0.439 E0460 I0694 D1512690406 P2906993 0003:0003



PLURIS WEDGEFIELD, INC.
 1102 S FLORIDA AVE
 LAKELAND FL 33803-1308

Shipped to: 10/21/15 E661692
 3100 BANCROFT BLVD
 ORLANDO, FL

CUSTOMER JOB- METERS METERS

Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered	Date Shipped	Customer PO #	Job Name	Job #	Bill of Lading	Shipped Via
10/15/15	10/22/15	JK-WF	METERS	METERS		OUR TRUCK

Product Code	Description	Quantity			Price	UM	Extended Price
		Ordered	Shipped	B/O			
42SN520MTCSP	520M SMARTPOINT M2 PIT VER. SINGLE PORT TOUCH COUPLER BID SEQ# 110	913	500	413	130.00000	EA	65,000.00
4330GT21GDPO17	OMNI 3" T2 METER 1 GAL 17"LL 8-WHEEL, W/STRAINER, DPO BID SEQ# 40	2		2	1115.00000	EA	.00
42SN520MTCDP	520M SMARTPOINT M2 PIT VER. DUAL PORT TOUCH COUPLER BID SEQ# 120	307		307	145.00000	EA	.00
42SM400	SENSUS M400 BASESTATION BID SEQ# 150	1		1	35000.00000	EA	.00

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 Local Service, Nationwide*

Freight	Delivery	Handling	Restock	Misc.		Subtotal:	65,000.00
						Other:	0.00
						Tax:	3,900.00
						Invoice Total:	\$68,900.00

Terms: NET 30 Ordered By: JOE KUHN

This transaction is governed by and subject to HD Supply Waterworks' standard terms and conditions, which are incorporated by reference and accepted. To review these terms and conditions, please visit: www.waterworks.hdsupply.com/TandC.



INVOICE

Invoice # E661692
 Invoice Date 10/21/15
 Account # 225342
 Sales Rep PAUL THOMAS
 Phone # 407-291-1545
 Branch # 051 Orlando, FL
 Total Amount Due \$117,016.25

1830 Craig Park Court
 St. Louis, MO 63146

Remit To:
 HD SUPPLY WATERWORKS, LTD.
 PO BOX 4853
 ORLANDO, FL 32802-4853

309 1 MB 0.439 E0299 10474 01509994616 P2900393 0002:0002



PLURIS WEDGEFIELD, INC.
 1102 S FLORIDA AVE
 LAKELAND FL 33803-1308

Shipped to:
 3100 BANCROFT BLVD
 ORLANDO, FL

CUSTOMER JOB- METERS METERS

Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered	Date Shipped	Customer PO #	Job Name	Job #	Bill of Lading	Shipped Via
10/15/15	10/20/15	JK-WF	METERS	METERS		OUR TRUCK

Product Code	Description	Quantity			Price	UM	Extended Price
		Ordered	Shipped	B/O			
4307GIPERLTR	3/4 IPERL TR 1G 6' 2W SM 7WHL 2 WIRE 9"LL SMART MODE BID SEQ# 10	1628	814	814	115.00000	EA	93,610.00
4310GPIPERL1G	1 IPERL TRPL 1G 6' 2W 2 WIRE, 10.75"LL I4X1GBXX 7WHL BID SEQ# 20	4	4		160.00000	EA	640.00
4320GR21G8NT	OMNI 2" R2 METER 100 GAL 17"LL W/STRNR, 4-WHEEL, TOTAL MODE IN LIEU OF 4320OMNIR21G8WLH BID SEQ# 30	3	3		613.00000	EA	1,839.00
4330GT21GDPO17	OMNI 3" T2 METER 1 GAL 17"LL 8-WHEEL, W/STRAINER, DPO BID SEQ# 40	2		2	1115.00000	EA	.00
42SN520MTCSP	520M SMARTPOINT M2 PIT VER. SINGLE PORT TOUCH COUPLER BID SEQ# 110	1023	110	913	130.00000	EA	14,300.00
42SN520MTCDP	520M SMARTPOINT M2 PIT VER. DUAL PORT TOUCH COUPLER BID SEQ# 120	307		307	145.00000	EA	.00
42SM400	SENSUS M400 BASESTATION BID SEQ# 150	1		1	35000.00000	EA	.00

334.4 *[Signature]*

Freight	Delivery	Handling	Restock	Misc.	Subtotal:	110,389.00
					Other:	0.00
					Tax:	6,627.25
					Invoice Total:	\$117,016.25

Terms: NET 30 Ordered By: JOE KUHN

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INVOICE

Invoice # E684495
 Invoice Date 10/22/15
 Account # 225342
 Sales Rep PAUL THOMAS
 Phone # 407-291-1545
 Branch # 051 Orlando, FL
 Total Amount Due \$99,226.60

1830 Craig Park Court
 St. Louis, MO 63146

Remit To:
 HD SUPPLY WATERWORKS, LTD.
 PO BOX 4853
 ORLANDO, FL 32802-4853

590 1 MB 0.439 E0043X 10059 D1511383317 P2903962 0001:0001



Backordered from:

Shipped to: 10/21/15 E661692
 3100 BANCROFT BLVD
 ORLANDO, FL



PLURIS WEDGEFIELD, INC.
 1102 S FLORIDA AVE
 LAKELAND FL 33803-1308

CUSTOMER JOB- METERS METERS

Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered 10/15/15 Date Shipped 10/21/15 Customer PO # JK-WF Job Name METERS Job # METERS Bill of Lading Shipped Via OUR TRUCK

Product Code	Description	Quantity			Price	UM	Extended Price
		Ordered	Shipped	B/O			
4307GIPERLTR	3/4 IPERL TR 1G 6' 2W SM 7WHL 2 WIRE 9"LL SMART MODE BID SEQ# 10	814	814		115.00000	EA	93,610.00
4330GT21GDPO17	OMNI 3" T2 METER 1 GAL 17"LL 8-WHEEL, W/STRAINER, DPO BID SEQ# 40	2		2	1115.00000	EA	.00
42SN520MTCSP	520M SMARTPOINT M2 PIT VER. SINGLE PORT TOUCH COUPLER BID SEQ# 110	913		913	130.00000	EA	.00
42SN520MTCDP	520M SMARTPOINT M2 PIT VER. DUAL PORT TOUCH COUPLER BID SEQ# 120	307		307	145.00000	EA	.00
42SM400	SENSUS M400 BASESTATION BID SEQ# 150	1		1	35000.00000	EA	.00

334-4



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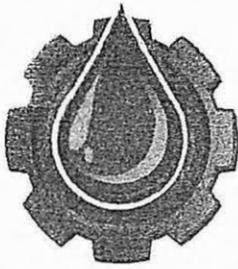
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Freight	Delivery	Handling	Restock	Misc.	Subtotal:	93,610.00
					Other:	0.00
					Tax:	5,616.60
					Invoice Total:	\$99,226.60

Terms: NET 30 Ordered By: JOE KUHN

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**UTILITY
SOLUTIONS OF
AMERICA, INC**

Invoice

Date	Invoice #
10/26/2015	1240

1074 Eagles Brooke Drive
Locust Grove, Ga. 30248

Bill To
Pluris - Wedgefield 1102 S. Florida Avenue Lakeland, FL 33803 Attn: Joseph Kuhns

Terms	Project
Net 15	Wedgefield Meter Installation

Date of Service	Service	Qty.	Description	Rate	Amount
			For Service 10/20/15 - 10/25/15		
10/26/2015	Water Meter Exchg 5/8" to 3/4"	482	Exchange 5/8" to 3/4" AMI Equipped Water Meter	28.00	13,496.00
10/26/2015	Water Meter Exchg 1"	1	Exchange 1" AMI Equipped Water Meter	32.00	32.00
10/26/2015	Backflow	1	Replace/Re-pipe Backflow	50.00	50.00

334.4
[Signature]

Total	\$13,578.00
Payments/Credits	\$0.00
Balance Due	\$13,578.00

HD SUPPLY
WATERWORKS

INVOICE

1830 Craig Park Court
St. Louis, MO 63146

Invoice # E749323
Invoice Date 11/05/15
Account # 225342
Sales Rep PAUL THOMAS
Phone # 407-291-1545
Branch # 051 Orlando, FL
Total Amount Due \$191.70

Remit To:
HD SUPPLY WATERWORKS, LTD.
PO BOX 4853
ORLANDO, FL 32802-4853

541 1 MB 0.439 E0482X I0657 D1528526791 P2935124 D001:0001

PLURIS WEDGEFIELD, INC.
1102 S FLORIDA AVE
LAKELAND FL 33803-1308

Shipped to:

CUSTOMER PICK-UP -

CUSTOMER JOB- METERS METERS

Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered	Date Shipped	Customer PO #	Job Name	Job #	Bill of Lading	Shipped Via
11/03/15	11/04/15	ROGER	METERS	METERS		WILL CALL

Product Code	Description	Quantity		B/O	Price	UM	Extended Price
		Ordered	Shipped				
4407RW16	3/4X1/16 RUBBER METER WASHER	800		800	.10000	EA	.00
4407FW16	3/4X1/16 FIBER MTR WASHER	1200	1200		.15000	EA	180.00

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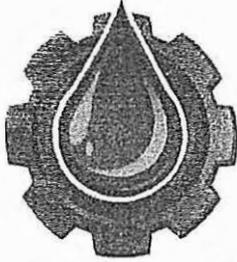
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Freight Delivery Handling Restock Misc.

Subtotal: 180.00
Other: 0.00
Tax: 11.70
Invoice Total: \$191.70

Terms: NET 30 Ordered By: ROGER

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UTILITY
SOLUTIONS OF
AMERICA, INC

Invoice #28

Invoice

Date	Invoice #
11/9/2015	1251

1074 Eagles Brooke Drive
Locust Grove, Ga. 30248

Bill To
Pluris - Wedgefield 1102 S. Florida Avenue Lakeland, FL 33803 Attn: Joseph Kuhns

Terms	Project
Net 15	Wedgefield Meter Installation

Date of Service	Service	Qty.	Description	Rate	Amount
			For Service 10/26/15 - 11/6/15		
11/9/2015	Water Meter Exchg 5/8" to 3/4"	964	Exchange 5/8" to 3/4" AMI Equipped Water Meter	28.00	26,992.00
11/9/2015	Collect Meter Numbers	483	Collect Meter ID Numbers for Billing	3.00	1,449.00

3326.4
[Signature]

Total	\$28,441.00
Payments/Credits	\$0.00
Balance Due	\$28,441.00

Invoice #30



INVOICE

Invoice # E722670
 Invoice Date 10/30/15
 Account # 225342
 Sales Rep PAUL THOMAS
 Phone # 407-291-1545
 Branch # 051 Orlando, FL
 Total Amount Due \$2,300.88

1830 Craig Park Court
St. Louis, MO 63146

Remit To:
 HD SUPPLY WATERWORKS, LTD.
 PO BOX 4853
 ORLANDO, FL 32802-4853

2871 1 MB 0.439 E0464 10587 D1523062255 P2924192 0002:0003



PLURIS WEDGEFIELD, INC.
 1102 S FLORIDA AVE
 LAKELAND FL 33803-1308

Shipped to: 10/21/15 Backordered from: E637371
 3100 BANCROFT BLVD
 ORLANDO, FL

Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered	Date Shipped	Customer PO #	Job Name	Job #	Bill of Lading	Shipped Via
10/09/15	10/29/15	ROGER	WEDGEFIELD			OUR TRUCK

Product Code	Description	Quantity		Price	UM	Extended Price
		Ordered	Shipped			
72244008806	244-008806-000 3/4X6 REDI-CLMP FULL CIRCLE FOR 3/4" CTS X 6"	15	15	48.50000	EA	727.50
72244008803	244-008803-000 3/4X3 REDI-CLMP FULL CIRCLE FOR CTS	15	15	22.80000	EA	342.00
72244011303	244-011303-000 1X3 REDI-CLAMP FULL CIRCLE 1.13 OD	15	15	23.98000	EA	359.70
72244011306	244-011306-000 1X6 REDI-CLAMP	15	15	48.75000	EA	731.25

334.4
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Freight	Delivery	Handling	Restock	Misc.		Subtotal:	2,160.45
						Other:	0.00
						Tax:	140.43
						Invoice Total:	\$2,300.88

Terms: NET 30 Ordered By: ROGER

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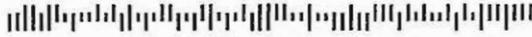
INVOICE

Invoice # E713453
 Invoice Date 10/30/15
 Account # 225342
 Sales Rep PAUL THOMAS
 Phone # 407-291-1545
 Branch # 051 Orlando, FL
 Total Amount Due \$3,098.09

1830 Craig Park Court
 St. Louis, MO 63146

Remit To:
 HD SUPPLY WATERWORKS, LTD.
 PO BOX 4853
 ORLANDO, FL 32802-4853

2871 1 MB 0.439 E0464X I0586 D1523062253 P2924192 0001:0003



PLURIS WEDGEFIELD, INC.
 1102 S FLORIDA AVE
 LAKELAND FL 33803-1308

Shipped to: 10/21/15 Backordered from: E637371
 3100 BANCROFT BLVD
 ORLANDO, FL

Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered 10/09/15 Date Shipped 10/29/15 Customer.PO # ROGER Job Name WEDGEFIELD Job # Bill of Lading Shipped Via OUR TRUCK

Product Code	Description	Quantity			Price	UM	Extended Price
		Ordered	Shipped	B/O			
3707B43332WNL	B43-332WNL 3/4 BMV PJ(CTS)XMN (NO LEAD)	50	50		57.52000	EA	2,876.00
72244008803	244-008803-000 3/4X3 REDI-CLMP FULL CIRCLE FOR CTS	15		15	22.80000	EA	.00
72244008806	244-008806-000 3/4X6 REDI-CLMP FULL CIRCLE FOR 3/4" CTS X 6"	15		15	48.50000	EA	.00
72244011303	244-011303-000 1X3 REDI-CLAMP FULL CIRCLE 1.13 OD	15		15	23.98000	EA	.00
72244011306	244-011306-000 1X6 REDI-CLAMP	15		15	48.75000	EA	.00
4407RW	3/4X1/8 THK RUBBER MTR WASHER	300	300		.11000	EA	33.00

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Freight	Delivery	Handling	Restock	Misc.		Subtotal: 2,909.00
						Other: 0.00
						Tax: 189.09
						Invoice Total: \$3,098.09

Terms: NET 30 Ordered By: ROGER

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HD SUPPLY
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INVOICE

Invoice # E637371
 Invoice Date 10/21/15
 Account # 225342
 Sales Rep PAUL THOMAS
 Phone # 407-291-1545
 Branch # 051 Orlando, FL
 Total Amount Due \$924.95

1830 Craig Park Court
 St. Louis, MO 63146

Remit To:
 HD SUPPLY WATERWORKS, LTD.
 PO BOX 4853
 ORLANDO, FL 32802-4853

309 1 MB 0.439 E0299X I0473 D1509994615 P2900393 0001:0002



PLURIS WEDGEFIELD, INC.
 1102 S FLORIDA AVE
 LAKELAND FL 33803-1308

Shipped to:
 3100 BANCROFT BLVD
 ORLANDO, FL

Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered 10/09/15 Date Shipped 10/20/15 Customer PO # ROGER Job Name WEDGEFIELD Job # Bill of Lading Shipped Via OUR TRUCK

Product Code	Description	Quantity			Price	UM	Extended Price
		Ordered	Shipped	B/O			
3707B43332WNL	B43-332WNL 3/4 BMV PJ(CTS)XMN (NO LEAD)	50	50		57.52000	EA	.00
3910C4444NL	C44-44NL 1" NO LEAD CPLG PJCTS	25	25		17.43000	EA	435.75
3907C4433NL	C44-33NL 3/4" NO LEAD CPLG PJ CTS	25	25		15.23000	EA	380.75
72244008803	244-008803-000 3/4X3 REDI-CLMP FULL CIRCLE FOR CTS	15		15	22.80000	EA	.00
72244008806	244-008806-000 3/4X6 REDI-CLMP FULL CIRCLE FOR 3/4" CTS X 6"	15		15	48.50000	EA	.00
72244011303	244-011303-000 1X3 REDI-CLAMP FULL CIRCLE 1.13 OD	15		15	23.98000	EA	.00
72244011306	244-011306-000 1X6 REDI-CLAMP	15		15	48.75000	EA	.00
4407RW	3/4X1/8 THK RUBBER MTR WASHER	500	200	300	.11000	EA	22.00
4407RW16	3/4X1/16 RUBBER METER WASHER	300	300		.10000	EA	30.00



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Freight	Delivery	Handling	Restock	Misc.	Subtotal:	868.50
					Other:	0.00
					Tax:	56.45
					Invoice Total:	\$924.95

Terms: NET 30 Ordered By: ROGER

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**UTILITY
SOLUTIONS OF
AMERICA, INC**

1074 Eagles Brooke Drive
Locust Grove, Ga. 30248

Invoice

Date	Invoice #
11/23/2015	1265

Bill To
Pluris - Wedgefield 1102 S. Florida Avenue Lakeland, FL 33803 Attn: Joseph Kuhns

Terms	Project
Net 15	Wedgefield Meter Installation

Date of Service	Service	Qty.	Description	Rate	Amount
			For Service 11/9/15 - 11/20/15		
11/23/2015	Water Meter Exchg 5/8" to 3/4"	145	Exchange 5/8" to 3/4" AMI Equipped Water Meter	28.00	4,060.00
11/23/2015	Water Meter Exchange 2"	1	Exchange 2" AMI Equipped Water Meter	125.00	125.00
11/23/2015	Labor	1	Labor for Crew Per Hour	75.00	75.00
11/23/2015	MXU Installation	1,551	Install MXU to Existing Water Meter & Collect MXU ID's for Data Transfer	5.50	8,530.50

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Total	\$12,790.50
Payments/Credits	\$0.00
Balance Due	\$12,790.50

HD SUPPLY
WATERWORKS

INVOICE

1830 Craig Park Court
St. Louis, MO 63146

Invoice # E900238
Invoice Date 12/10/15
Account # 225342
Sales Rep PAUL THOMAS
Phone # 407-291-1545
Branch # 051 Orlando, FL
Total Amount Due \$21.20



721 1 MB 0.439 E0169X 10238 01565489077 P2997568 0001:0001



PLURIS WEDGEFIELD, INC.
1102 S FLORIDA AVE
LAKELAND FL 33803-1308

Shipped to:
3100 BANCROFT BLVD
ORLANDO, FL

Remit To:
HD SUPPLY WATERWORKS, LTD.
PO BOX 4853
ORLANDO, FL 32802-4853

CUSTOMER JOB- METERS METERS

Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered	Date Shipped	Customer PO #	Job Name	Job #	Bill of Lading	Shipped Via
12/09/15	12/09/15	JK/WF/AMI	METERS	METERS		OUR TRUCK

Product Code	Description	Quantity		B/O	Price	UM	Extended Price
		Ordered	Shipped				
4407RW16	3/4X1/16 RUBBER METER WASHER	200	200		.10000	EA	20.00

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Freight	Delivery	Handling	Restock	Misc.	Subtotal:	20.00
					Other:	0.00
					Tax:	1.20
					Invoice Total:	\$21.20

Terms: NET 30 Ordered By:

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HD SUPPLY
WATERWORKS

INVOICE

1830 Craig Park Court
St. Louis, MO 63146

Invoice # E901872
Invoice Date 12/11/15
Account # 225342
Sales Rep PAUL THOMAS
Phone # 407-291-1545
Branch # 051 Orlando, FL
Total Amount Due \$102.01



306 1 SP 0.485 E0306X 10465 D1566765755 P2999234 0001:0001



PLURIS WEDGEFIELD, INC.
1102 S FLORIDA AVE
LAKELAND FL 33803-1308

Remit To:
HD SUPPLY WATERWORKS, LTD.
PO BOX 4853
ORLANDO, FL 32802-4853

Shipped to:

CUSTOMER PICK-UP -

CUSTOMER JOB- METERS METERS

Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered	Date Shipped	Customer PO #	Job Name	Job #	Bill of Lading	Shipped Via
12/09/15	12/10/15	JK/WF/AMI	METERS	METERS		WILL CALL

Product Code	Description	Quantity			Price	UM	Extended Price
		Ordered	Shipped	B/O			
0501580	1-1/2X20' PVC SCH80 PIPE SWB SOLVENT WELD BELL	20	20		1.05000	FT	21.00
0502080	2X20' PVC SCH80 GRAY PIPE SWB SOLVENT WELD BELL	20	20		1.21000	FT	24.20
29015809HH	1-1/2 PVC S80 90 HXH 806-015	6	6		2.05000	EA	12.30
29020809HH	2 PVC S80 90 HXH 806-020	6	6		2.48000	EA	14.88
29020804HH	2 PVC S80 45 HXH 817-020	4	4		5.85000	EA	23.40

Handwritten signature and amount: 334.4



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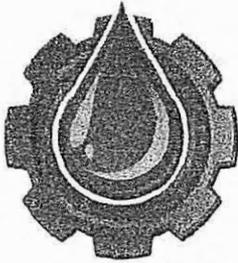


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Freight	Delivery	Handling	Restock	Misc.	Subtotal:	95.78
					Other:	0.00
					Tax:	6.23
					Invoice Total:	\$102.01

Terms: NET 30 Ordered By: GREG

This transaction is governed by and subject to HD Supply Waterworks' standard terms and conditions, which are incorporated by reference and accepted. To review these terms and conditions, please visit: www.waterworks.hdsupply.com/TandC.



**UTILITY
SOLUTIONS OF
AMERICA, INC**

1074 Eagles Brooke Drive
Locust Grove, Ga. 30248

Invoice

Date	Invoice #
12/14/2015	1289

Bill To
Pluris - South Gate 1102 S. Florida Avenue Lakeland, FL 33803 Attn: Joseph Kuhns

Terms	Project
Net 15	South Gate Meter Installation

Date of Service	Service	Qty.	Description	Rate	Amount
			For Service 11/30/15 - 12/11/15		
12/14/2015	Water Meter Exchg 5/8" to 3/4"	536	Exchange 5/8" to 3/4" AMI Equipped Water Meter	28.00	15,008.00
12/14/2015	Water Meter Exchg 1"	5	Exchange 1" AMI Equipped Water Meter	32.00	160.00
12/14/2015	Programning	233	Program existing installed meter and MXU for data transfer.	12.00	2,796.00
12/14/2015	MXU Installation	541	Install MXU to Existing Water Meter & Collect MXU ID's for Data Transfer	5.50	2,975.50
12/14/2015	Drill Meter Lid	125	Drill Hole in Existing Meter Lid	3.00	375.00

[Handwritten Signature]
334.4

Total	\$21,314.50
Payments/Credits	\$0.00
Balance Due	\$21,314.50

HD SUPPLY
WATERWORKS

INVOICE

1830 Craig Park Court
St. Louis, MO 63146

Invoice # E925301
Invoice Date 12/16/15
Account # 225342
Sales Rep PAUL THOMAS
Phone # 772-466-5955
Branch # 062 Ft Pierce, FL
Total Amount Due \$642.89

Remit To:
HD SUPPLY WATERWORKS, LTD.
PO BOX 4853
ORLANDO, FL 32802-4853

478 1 MB 0.439 E0434 I0604 D1573222666 P3006203 0003:0003



PLURIS WEDGEFIELD, INC.
1102 S FLORIDA AVE
LAKELAND FL 33803-1308

Shipped to:
3100 BANCROFT BLVD
ORLANDO, FL

CUSTOMER JOB- METERS METERS

Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered	Date Shipped	Customer PO #	Job Name	Job #	Bill of Lading	Shipped Via
12/15/15	12/15/15	JK/WF/AMI	METERS	METERS		BEST WAY

Product Code	Description	Quantity		B/O	Price	UM	Extended Price
		Ordered	Shipped				
90007HHS31323NL	HHS31-323-NL 3/4 STRT DUAL CHK CASC W/MTR NUTXFPT NO LEAD	10	10		60.65000	EA	606.50

334.4
[Handwritten signature]

<p>Invoices by Email</p> <ul style="list-style-type: none"> - Save time. - Save trees. - Go paperless. 	<p>www.hdswaterworks.com</p> <p>Sign up under the Online Services menu option and find out about a host of other online advantages!</p>	<p>HD SUPPLY WATERWORKS</p> <p>Local Knowledge Local Experience Local Service, Nationwide*</p>

Freight	Delivery	Handling	Restock	Misc.	Subtotal:	606.50
					Other:	0.00
					Tax:	36.39
					Invoice Total:	\$642.89

Terms: NET 30 Ordered By: ROGER HOLSAPPLE

This transaction is governed by and subject to HD Supply Waterworks' standard terms and conditions, which are incorporated by reference and accepted. To review these terms and conditions, please visit: www.waterworks.hdsupply.com/TandC.

HDSUPPLY
WATERWORKS

INVOICE

Invoice # E921018
 Invoice Date 12/16/15
 Account # 225342
 Sales Rep PAUL THOMAS
 Phone # 407-291-1545
 Branch # 051 Orlando, FL
 Total Amount Due \$23.43

1830 Craig Park Court
 St. Louis, MO 63146

Remit To:
 HD SUPPLY WATERWORKS, LTD.
 PO BOX 4853
 ORLANDO, FL 32802-4853

478 1 MB 0.439 E0434 I0603 D1573222665 P3006203 0002:0003



PLURIS WEDGEFIELD, INC.
 1102 S FLORIDA AVE
 LAKELAND FL 33803-1308

Shipped to: 10/23/15 Backordered from: E689422

CUSTOMER PICK-UP -

CUSTOMER JOB- METERS METERS

Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered	Date Shipped	Customer PO #	Job Name	Job #	Bill of Lading	Shipped Via
10/21/15	12/15/15	ROGER	METERS	METERS		WILL CALL

Product Code	Description	Quantity		B/O	Price	UM	Extended Price
		Ordered	Shipped				
4407RW	3/4X1/8 THK RUBBER MTR WASHER	200	200		.11000	EA	22.00

334.4
 31



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Freight	Delivery	Handling	Restock	Misc.		Subtotal:	22.00
						Other:	0.00
						Tax:	1.43
						Invoice Total:	\$23.43

Terms: NET 30 Ordered By: ROGER

This transaction is governed by and subject to HD Supply Waterworks' standard terms and conditions, which are incorporated by reference and accepted. To review these terms and conditions, please visit: www.waterworks.hdsupply.com/TandC.

HD SUPPLY
WATERWORKS

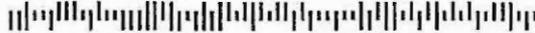
INVOICE

Invoice # E919418
 Invoice Date 12/16/15
 Account # 225342
 Sales Rep PAUL THOMAS
 Phone # 407-291-1545
 Branch # 051 Orlando, FL
 Total Amount Due \$8,350.39

1830 Craig Park Court
 St. Louis, MO 63146

Remit To:
 HD SUPPLY WATERWORKS, LTD.
 PO BOX 4853
 ORLANDO, FL 32802-4853

478 1 MB 0.439 E0434X I0602 01573222664 P3006203 0001:0003



PLURIS WEDGEFIELD, INC.
 1102 S FLORIDA AVE
 LAKELAND FL 33803-1308

Shipped to:

CUSTOMER PICK-UP -

CUSTOMER JOB- METERS METERS

Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered	Date Shipped	Customer PO #	Job Name	Job #	Bill of Lading	Shipped Via
12/14/15	12/15/15	JK/WF/AMI	METERS	METERS		WILL CALL

Product Code	Description	Quantity			Price	UM	Extended Price
		Ordered	Shipped	B/O			
42SN520MTCSP	520M SMARTPOINT M2 PIT VER. SINGLE PORT TOUCH COUPLER BID SEQ# 110	60	60		130.0000	EA	7,800.00
3020N040	2X4 BRASS NIPPLE NO LEAD	1	1		13.70000	EA	13.70
3020N060	2X6 BRASS NIPPLE NO LEAD	2	2		20.22000	EA	40.44

334.4
[Signature]



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Freight	Delivery	Handling	Restock	Misc.		Subtotal:	7,854.14
						Other:	0.00
						Tax:	496.25
						Invoice Total:	\$8,350.39

Terms: NET 30 Ordered By:

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HD SUPPLY
WATERWORKS

INVOICE

1830 Craig Park Court
St. Louis, MO 63146

Invoice # E935676
Invoice Date 12/18/15
Account # 225342
Sales Rep PAUL THOMAS
Phone # 407-291-1545
Branch # 051 Orlando, FL
Total Amount Due \$2,939.40

Remit To:
HD SUPPLY WATERWORKS, LTD.
PO BOX 4853
ORLANDO, FL 32802-4853

250 1 SP 0.485 E0250X I0386 D1575273902 P3010493 0001:0001



PLURIS WEDGEFIELD, INC.
1102 S FLORIDA AVE
LAKELAND FL 33803-1308

Shipped to:

CUSTOMER PICK-UP -

CUSTOMER JOB- METERS METERS

Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered	Date Shipped	Customer PO #	Job Name	Job #	Bill of Lading	Shipped Via
12/17/15	12/17/15	JK/WF/AMI	METERS	METERS		WILL CALL

Product Code	Description	Quantity		B/O	Price	UM	Extended Price
		Ordered	Shipped				
4307GPIPERL6I75	3/4S IPERL TRPL 1G 6' 2W 2 WIRE, 7.5"LL I2X1GBXX	24	24		115.00000	EA	2,760.00

334.4
[Handwritten signature]



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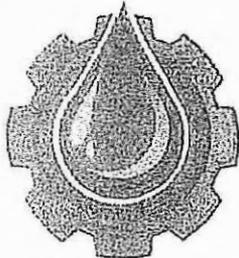
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Freight Delivery Handling Restock Misc.

Subtotal: 2,760.00
Other: 0.00
Tax: 179.40
Invoice Total: \$2,939.40

Terms: NET 30 Ordered By:

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**UTILITY
SOLUTIONS OF
AMERICA, INC**

1074 Eagles Brooke Drive
Locust Grove, Ga. 30248

Invoice

Date	Invoice #
12/29/2015	1306

Bill To
Pluris - Wedgefield 1102 S. Florida Avenue Lakeland, FL 33803 Attn: Joseph Kuhns

Terms	Project
Net 15	Wedgefield Meter Installation

Date of Service	Service	Qty.	Description	Rate	Amount
			For Service 12/14/15 - 12/25/15		
12/29/2015	Water Meter Exchg 5/8" to 3/4"	41	Exchange 5/8" to 3/4" AMI Equipped Water Meter	28.00	1,148.00
12/29/2015	Water Meter Exchg 1"	3	Exchange 1" AMI Equipped Water Meter	32.00	96.00
12/29/2015	Water Meter Exchange 2"	1	Exchange 2" AMI Equipped Water Meter	125.00	125.00
12/29/2015	Meter Box Dig Out/Replacement	21	Meter Box Dig Out/Replacement - Residential	45.00	945.00
12/29/2015	Backflow	14	Replace/Re-pipe Backflow	50.00	700.00
12/29/2015	Drill Meter Lid	1,232	Drill Hole in Existing Meter Lid	3.00	3,696.00
12/29/2015	Programing	1,638	Program existing installed meter and MXU for data transfer.	12.00	19,656.00
12/29/2015	Bond Expense	1	Wedgefield Bond Expense Reimbursement	1,396.11	1,396.11

3324.4
[Signature]

Total	\$27,762.11
Payments/Credits	\$0.00
Balance Due	\$27,762.11

HD SUPPLY
WATERWORKS

INVOICE

1830 Craig Park Court
St. Louis, MO 63146

Invoice # F088074
Invoice Date 2/04/16
Account # 225342
Sales Rep PAUL THOMAS
Phone # 407-291-1545
Branch # 051 Orlando, FL
Total Amount Due \$89.88

Remit To:
HD SUPPLY WATERWORKS, LTD.
PO BOX 4853
ORLANDO, FL 32802-4853

4901 MB 0.430 E0430 ID608 01626680416 P30970R2 0002:0002



PLURIS WEDGEFIELD, INC.
1102 S FLORIDA AVE
LAKELAND FL 33803-1308

Shipped to:

CUSTOMER PICK-UP -

CUSTOMER JOB- METERS METERS

Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered	Date Shipped	Customer PO #	Job Name	Job #	Bill of Lading	Shipped Via
2/03/16	2/03/16	JIGWF/AMI	METERS	METERS		WILL CALL

Product Code	Description	Quantity		Price	UM	Extended Price
		Ordered	Shipped			
391007U4843NL	U48-43NL 1X3/4X7 1/2 U-BR CMPX MIP (NO LEAD)	2	2	42.20000	EA	84.40

Utility: _____
Code: _____
Desc.: _____
Approval: _____
Capital Expense: Yes / No
Capital Expense Sheet Attached: Yes / No



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Freight	Delivery	Handling	Restock	Misc.	Subtotal:	84.40
					Other:	0.00
					Tax:	5.48
					Invoice Total:	\$89.88

Terms: NET 30 Ordered By: ROGER

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HD SUPPLY
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INVOICE

1830 Craig Park Court
St. Louis, MO 63146

Invoice # F091409
Invoice Date 2/10/16
Account # 225342
Sales Rep PAUL THOMAS
Phone # 407-291-1545
Branch # 051 Orlando, FL
Total Amount Due \$616.50

Remit To:
HD SUPPLY WATERWORKS, LTD.
PO BOX 4853
ORLANDO, FL 32802-4853

353 1 SP 0.485 E0353X 10550 D1631512733 P3105271 0001:0001

PLURIS WEDGEFIELD, INC.
1102 S FLORIDA AVE
LAKELAND FL 33803-1308

Shipped to:
3100 BANCROFT BLVD
ORLANDO, FL

CUSTOMER JOB- METERS METERS

Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered	Date Shipped	Customer PO #	Job Name	Job #	Bill of Lading	Shipped Via		
2/03/16	2/09/16	JK/WF/AMI	METERS	METERS		OUR TRUCK		
Product Code	Description	Quantity	Ordered	Shipped	B/O	Price	UM	Extended Price
3707BA13332WNL	BA13-332WNL 5/8X3/4 ANG BMV FX MN (NO LEAD)	4	4			61.00000	EA	244.00
3707B13332WNL	B13-332W-NL 3/4 BALL MV FIPXMN W/LOCK WING NO LEAD	4	4			54.15000	EA	216.60
75LT24R400	24R400 4" LADTECH RISER RING HDPE	2	2			60.50000	EA	121.00

Utility: WF
Code: 3344
Desc.: Meter install parts
Approval: [Signature]
Capital Expense: Yes
Capital Expense Sheet Attached: Yes (No)



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Freight	Delivery	Handling	Restock	Misc.	Subtotal:	581.60
					Other:	0.00
					Tax:	34.90
					Invoice Total:	\$616.50

Terms: NET 30

Ordered By: DCCP

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HD SUPPLY
WATERWORKS

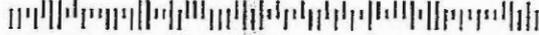
INVOICE

1830 Craig Park Court
St. Louis, MO 63146

Invoice # E968087
 Invoice Date 1/05/16
 Account # 225342
 Sales Rep PAUL THOMAS
 Phone # 407-291-1545
 Branch # 051 Orlando, FL
 Total Amount Due \$516.75

Remit To:
 HD SUPPLY WATERWORKS, LTD.
 PO BOX 4853
 ORLANDO, FL 32802-4853

284 1 SP 0.485 ED284X ID440 D1591359555 P3040892 0001:0001



PLURIS WEDGEFIELD, INC.
 1102 S FLORIDA AVE
 LAKELAND FL 33803-1308

Shipped to:
 3100 BANCROFT BLVD
 ORLANDO, FL

CUSTOMER JOB- METERS METERS

Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered	Date Shipped	Customer PO #	Job Name	Job #	Bill of Lading	Shipped Via
12/30/15	1/04/16	JK/WF/AMI	METERS	METERS		OUR TRUCK

Product Code	Description	Quantity			Price	UM	Extended Price
		Ordered	Shipped	B/O			
45MPD1200DICIR	12 D1200 SGL PLAS MTR BOX W/PLASTIC COVER & CI READER	25	25		19.50000	EA	487.50

Utility: WF
 Code: 332.4
 Desc.: AMI project - meters
 Approval: [Signature]
 Capital Expense: Yes/No
 Capital Expense Sheet Attached: Yes/No



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Freight	Delivery	Handling	Restock	Misc.	Subtotal:	487.50
					Other:	0.00
					Tax:	29.25
					Invoice Total:	\$516.75

Terms: NET 30 Ordered By: ROGER

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HDSUPPLY

WATERWORKS

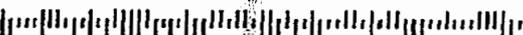
INVOICE

1830 Craig Park Court
St. Louis, MO 63146

Invoice # E992283
 Invoice Date 1/15/16
 Account # 225342
 Sales Rep PAUL THOMAS
 Phone # 407-291-1545
 Branch # 051 Orlando, FL
 Total Amount Due \$300.78

Remit To:
 HD SUPPLY WATERWORKS, LTD.
 PO BOX 4853
 ORLANDO, FL 32802-4853

470 1 MB 0.439 E0437X 10811 D1603664552 P3059065 0001:0002



PLURIS WEDGEFIELD, INC.
 1102 S FLORIDA AVE
 LAKELAND FL 33803-1308

Shipped to:
 3100 BANCROFT BLVD
 ORLANDO, FL

CUSTOMER JOB- METERS METERS

Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered	Date Shipped	Customer PO #	Job Name	Job #	Bill of Lading	Shipped Via
1/07/16	1/14/16	JK/WF/AMI	METERS	METERS		OUR TRUCK

Product Code	Description	Quantity		Price	UM	Extended Price
		Ordered	Shipped			
45LD1200DICIRLID	NDS D1200 FL LD/CI RD LID ONLY DROP-IN BLK D1200-DICIRLID	25	25	11.35000	EA	283.75

Utility: WF
 Code: 334.4
 Desc.: Meters 100' - RMT Project
 Approval: [Signature]
 Capital Expense: Yes/No (No)
 Capital Expense Sheet Attached: Yes/No (No)



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Freight	Delivery	Handling	Restock	Misc.	Subtotal:	283.75
					Other:	0.00
					Tax:	17.03
					Invoice Total:	\$300.78

Terms: NET 30

Ordered By: ROGER

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HD SUPPLY WATERWORKS

INVOICE

1830 Craig Park Court
St. Louis, MO 63146

Invoice # F064358
 Invoice Date 1/29/16
 Account # 225342
 Sales Rep PAUL THOMAS
 Phone # 407-291-1545
 Branch # 051 Orlando, FL
 Total Amount Due \$265.00

Remit To:
 HD SUPPLY WATERWORKS, LTD.
 PO BOX 4853
 ORLANDO, FL 32802-4853

2000 1 AB 0.416 E004GX 10067 01616528892 P3079396 0001:0001

PLURIS WEDGEFIELD, INC.
 1102 S FLORIDA AVE
 LAKELAND FL 33803-1308

Shipped to:
 3100 BANCROFT BLVD
 ORLANDO, FL

CUSTOMER JOB- METERS METERS

Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered	Date Shipped	Customer PO #	Job Name	Job #	Bill of Lading	Shipped Via
1/27/16	1/28/16	JK/WF/AMI	METERS	METERS		OUR TRUCK

Product Code	Description	Quantity		B/O	Price	UM	Extended Price
		Ordered	Shipped				
44UNIPROUSB	UNIPRO COMMUNICATOR DEVICE USB 5191016200003 FOR COMPUTER USE	1	1		250.00000	EA	250.00

Utility: WF
 Code: 354.4
 Desc.: Space Communication
Project - Paul Project
 Approval: AMI
 Capital Expense: Yes
 Capital Expense Sheet Attached: Yes/No



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Freight Delivery Handling Restock Misc.

Subtotal: 250.00
 Other: 0.00
 Tax: 15.00
Invoice Total: \$265.00

Terms: NET 30 Ordered By: ROGER

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HD SUPPLY
WATERWORKS

INVOICE

1830 Craig Park Court
St. Louis, MO 63146

Invoice # F235953
Invoice Date 3/15/16
Account # 225342
Sales Rep PAUL THOMAS
Phone # 407-291-1545
Branch # 051 Orlando, FL
Total Amount Due \$1,558.20

Remit To:
HD SUPPLY WATERWORKS, LTD.
PO BOX 4853
ORLANDO, FL 32802-4853

3511 SP 0.485 E0351X I0531 D1667200197 P3166596 0001:0001

PLURIS WEDGEFIELD, INC.
1102 S FLORIDA AVE
LAKELAND FL 33803-1308

Shipped to:
3100 BANCROFT BLVD
ORLANDO, FL

CUSTOMER JOB- METERS METERS

Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered	Date Shipped	Customer PO #	Job Name	Job #	Bill of Lading	Shipped Via
3/10/16	3/14/16	RHWFW	METERS	METERS		OUR TRUCK

Product Code	Description	Quantity			Price	UM	Extended Price
		Ordered	Shipped	B/O			
45L1118DN08	GLASMSTR 1118 MB LID AMR HOLE TIER-8 S1118SN08-1-WA	2	2		N/C	EA	
45MPB111802TRS	GLASMASTER 1118 STRAIGHT WALL METER BOX	2	2		85.00000	EA	170.00
42SN520MTCSP	520M SMARTPOINT M2 PIT VER. SINGLE PORT TOUCH COUPLER	10	10		130.00000	EA	1,300.00

Utility: WF
 Code: 3749
 Desc: Meter transmission lines & boxes
 Approved: [Signature]
 Capital Expense: Yes
 Capital Expense Sheet Attached: Yes/No



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Freight	Delivery	Handling	Restock	Misc.	Subtotal:	1,470.00
					Other:	0.00
					Tax:	88.20
					Invoice Total:	\$1,558.20

Terms: NET 30 Ordered By: ROGER

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Invoice #50

FL Capitalized Labor

Q1 2016

WEDGEFIELD

	Employee	Code	Hours	Rate	Labor	Benefits	Taxes	Total
WF	Roger Holsapple	334.4	40	26.06	1,042.40	225.03	97.30	1,364.72
		331.4	30	26.06	781.80	168.77	72.97	1,023.54
		304.3	20	26.06	521.20	112.51	48.65	682.36
		354.4	20	26.06	521.20	112.51	48.65	682.36
WF	Greg Peck	304.3	20	20.81	416.20	89.85	38.85	544.89
WF	Garth Armstrong	334.4	66	25.10	1,656.60	357.62	154.62	2,168.84
		304.4	38	25.10	953.80	205.90	89.03	1,248.73

	Code	Salaries	Benefits	Taxes	Total
	304.3	937.40	202.36	87.50	1,227.26
	304.4	953.80	205.90	89.03	1,248.73
	331.4	781.80	168.77	72.97	1,023.54
	334.4	2,699.00	582.65	251.92	3,533.57 AMI
WATER		5,372.00	1,159.69	501.41	7,033.10
	354.4	521.20	112.51	48.65	682.36
WWATER		521.20	112.51	48.65	682.36
check					

Wedgefield	
Q1 2016 salaries	44,386
Q1 2016 benefits	9,582 22%
Q1 2016 taxes	4,143 9%

SOUTHGATE

	Employee	Code	Hours	Rate	Labor	Benefits	Taxes	Total
SG	David Trant	334.4	100	20.14	2,014.00	327.94	163.65	2,505.58
		331.4	70	20.14	1,409.80	229.56	114.55	1,753.91
		331.4	20	20.14	402.80	65.59	32.73	501.12
SG	Steve Fischer	334.4	50	15.00	750.00	122.12	60.94	933.06
		331.4	20	15.00	300.00	48.85	24.38	373.22
SG	Angelo Rosario	331.4	20	11.75	235.00	38.26	19.09	292.36
SG	Garth Armstrong	334.4	126	25.10	3,162.60	514.96	256.97	3,934.53
		331.4	35	25.10	878.50	143.04	71.38	1,092.93
		331.4	25	25.10	627.50	102.17	50.99	780.66

	Code	Salaries	Benefits	Taxes	Total
	331.4	3,853.60	627.47	313.12	4,794.19
	334.4	5,926.60	965.02	481.56	7,373.18 AMI
TOTAL		9,780.20	1,592.49	794.68	12,167.37
check			(0.00)	(0.00)	(0.00)

Southgate	
Q1 2016 salaries	36,786
Q1 2016 benefits	5,990 16%
Q1 2016 taxes	2,989 8%

HD SUPPLY WATERWORKS

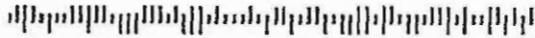
INVOICE

1830 Craig Park Court
St. Louis, MO 63146

Invoice # F341267
 Invoice Date 4/06/16
 Account # 225342
 Sales Rep PAUL THOMAS
 Phone # 407-291-1545
 Branch # 051 Orlando, FL
 Total Amount Due \$227.91

Remit To:
 HD SUPPLY WATERWORKS, LTD.
 PO BOX 4853
 ORLANDO, FL 32802-4853

434 1 MD 0.439 E0391X 10571 01692424603 P3208761 0001:0001



Shipped to:



PLURIS WEDGEFIELD, INC.
 1102 S FLORIDA AVE
 LAKELAND FL 33803-1308

CUSTOMER PICK-UP -

CUSTOMER JOB- METERS METERS

Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered	Date Shipped	Customer PO #	Job Name	Job #	Bill of Lading	Shipped Via
4/05/16	4/05/16	RHWWF	METERS	METERS		WILL CALL

Product Code	Description	Quantity		Price	UM	Extended Price
		Ordered	Shipped B/O			
44SNILL39	#39A AMR TOUCHPAD - BLACK AMR ACCESSORY 5390720600811	10	10	21.40000	EA	214.00

Utility: WF
 Code: 3344
 Desc.: Spare Transformers - AMR
 Approval: [Signature]
 Capital Expense: Yes/No
 Capital Expense Sheet Attached: Yes/No [X]



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Freight Delivery Handling Restock Misc.

Subtotal: 214.00
 Other: 0.00
 Tax: 13.91
Invoice Total: \$227.91

Terms: NET,30 Ordered By: ROGER

This transaction is governed by and subject to HD Supply Waterworks' standard terms and conditions, which are incorporated by reference and accepted. To review these terms and conditions, please visit: www.waterworks.hdsupply.com/TandC.

HD SUPPLY
WATERWORKS

INVOICE

Invoice # F384866
 Invoice Date 4/15/16
 Account # 225342
 Sales Rep PAUL THOMAS
 Phone # 407-291-1545
 Branch # 051 Orlando, FL
 Total Amount Due \$290.96

1030 Craig Park Court
 St. Louis, MO 63146

Remit To:
 HD SUPPLY WATERWORKS, LTD.
 PO BOX 4853
 ORLANDO, FL 32802-4853

922 1 MB 0.419 E0354X 10535 D1701B45533 P3222423 0001:0001



Shipped to:



PLURIS WEDGEFIELD, INC.
 1102 S FLORIDA AVE
 LAKELAND FL 33803-1308

CUSTOMER PICK-UP -

CUSTOMER JOB- METERS METERS

Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered	Date Shipped	Customer PO #	Job Name	Job #	Bill of Lading	Shipped Via
4/14/16	4/14/16	RHWF	METERS	METERS		WILL CALL

Product Code	Description	Quantity		Price	UM	Extended Price
		Ordered	Shipped			
45MP0121263	JUMBO 3 SLOT MTR BOX W/CAST IRON RDR LID, CARSON 012-12-6 00121014	4	4	50.80000	EA	203.20
0907E200C1B	3/4X100' CTS BLUE PE TUBING 200 PSI	200	200	.35000	FT	70.00

Utility: WF
 Code: 334.4
 Desc.: Meter boxes & meter piping
 Approval: [Signature]
 Capital Expense: Yes/No
 Capital Expense Sheet Attached: Yes/No (No)



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Freight	Delivery	Handling	Restock	Misc.		Subtotal:	273.20
						Other:	0.00
						Tax:	17.76
						Invoice Total:	\$290.96

Terms: NET 30 Ordered By: ROGER

This transaction is governed by and subject to HD Supply Waterworks' standard terms and conditions, which are incorporated by reference and accepted. To review these terms and conditions, please visit: www.waterworks.hdsupply.com/TandC.



ORLANDO GEO/DRILLING DEPT
Orlando, FL 32839
(407) 304-5560

Federal ID 37-0962090

Professional Service Industries, Inc.
www.psiusa.com

ATTN: MR. JOSEPH KUHN
PLURIS WEDGEFIELD, INC.
1102 S. FLORIDA AVENUE
LAKELAND FL 33803
USA

PLURIS WEDGEFIELD, INC.
1102 S. FLORIDA AVENUE
LAKELAND FL 33803

Customer #	Purchase Order	PSI Project Number	Date	Invoice #	Page
1116555		07571530	05/26/16	00438443	0001

Project: WEDGEFIELD WWTF ANTENNA, WEDGEFIELD, ORANGE COUNTY, FL

Date	Work Order Nbr	Description	Quantity	Unit Cost	Amount
05/26/16	07571530-1	GEOTECHNICAL SERVICES PER PSI PROPOSAL 0757-176913 DATED 4/1/16	1.00	2,100.00	2,100.00
05/26/16	07571530-1	ENGINEERING SERVICES PER CHANGE ORDER NO. 1 DATED 5/12/16 FOR ADDITIONAL FOUNDATION RECOMMENDATIONS THANK YOU, JONATHAN THRASHER	1.00	750.00	750.00

Utility: WF
Code: 3344
Desc.: Geo-Technical Engineering for AMT tower
Approval: [Signature]
Capital Expense: Yes/No
Capital Expense Sheet Attached: Yes/No

Invoice Total:	\$2,850.00
Balance Due:	\$2,850.00

TERMS: NET 30 DAYS. A SERVICE CHARGE OF 1.5% PER MONTH, WHICH IS AN ANNUAL PERCENTAGE RATE OF 18% WILL BE ADDED TO ALL PAST DUE ACCOUNTS.

To assure proper credit to your account, please return with your check made payable to PSI.

Please mail remittance to:

Customer #	Invoice #	Project Number	Amount Enclosed
1116555	00438443	07571530	

Professional Service Industries, Inc.
7192 Solutions Center
Chicago, IL 60677-7001

Adriana Pate

From: Joe Kuhns
Sent: Wednesday, June 29, 2016 9:39 AM
To: Adriana Pate
Cc: Maurice Gallarda
Subject: Wedgefield - AMI Tower Installation
Attachments: Elec Const & Erec AMI Prop marked & signed 6-27-16.pdf

Adriana,

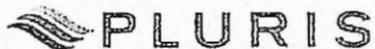
I am writing to request a check in the amount of 2,500.00 made out to Electric Construction & Erection, Inc. for the installation of the AMI tower in Wedgefield. This is to satisfy the up-front requirement.

In addition, another check for 2,500.00 will be required once the tower install is complete.

Please send both checks to my office address and I will distribute accordingly. Thanks!

Coding will be 334.4.

Joseph M. Kuhns
Regional Manager



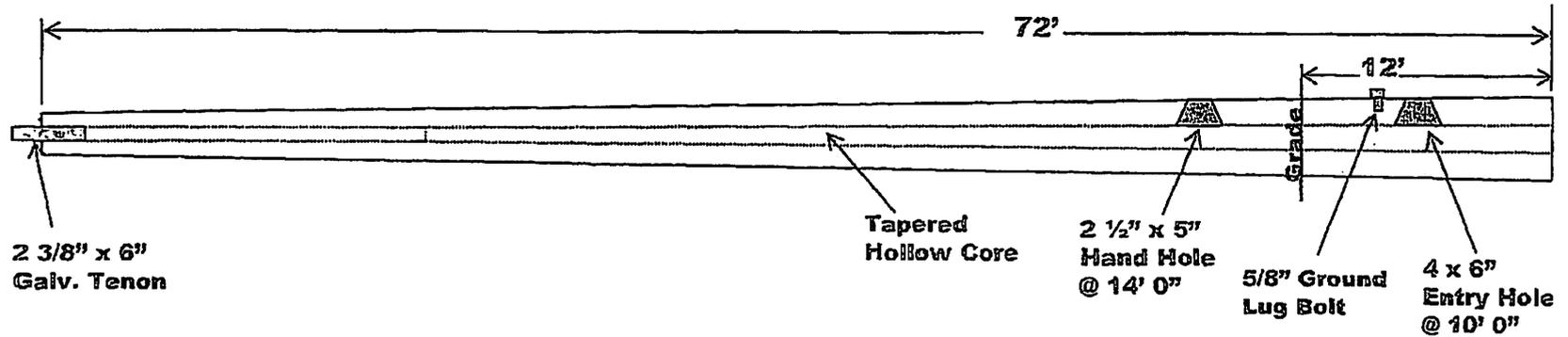
Pluris Holdings LLC

O 863.940.9771 / M 813.526.0608

O 1102 S. Florida Ave., Lakeland, FL. 33803

This e-mail is subject to the Pluris Holdings email disclaimer.
[Click to read full disclaimer.](#)

****Drawing Not to Scale****



Seminole Pole

incorporated

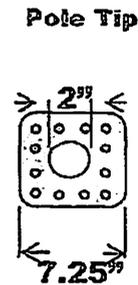
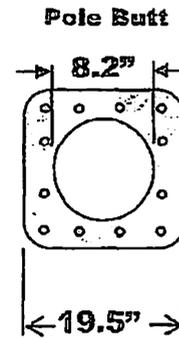
Web: www.seminolepole.com
Toll Free# 866-246-5545

Email: seminolepole@earthlink.net
Fax# 229-524-2866

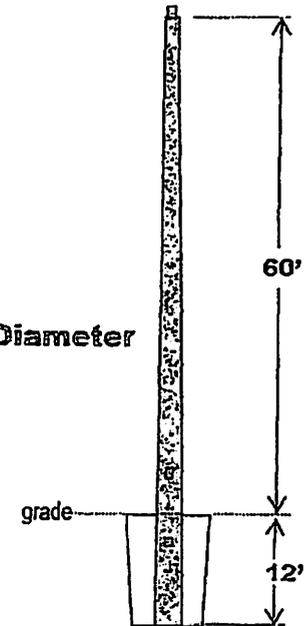
Cat.# SP7260TIV

Project: Wedgefield WWTF Antenna

Pole O.A.	Burial Depth	Wind Speed	Gust	EPA Capacity
72'	12'	140mph	3 sec.	40.0
Min. Brk. Strength	Strand	Kip's	Concrete	Pole Weight
6,500#	.500"	270k	6,500psi	14,100#



° = 0.5" Diameter Cable



Invoice #56

FL Capitalized Labor

Q2 2016

WEDGEFIELD

Employee	Code	Hours	Rate	Labor	Benefits	Taxes	Total
WF Roger Hotsapple	309.2	35	26.06	912.10	166.87	87.87	1,166.85
	311.3	8	26.06	208.48	38.14	20.09	266.71
	320.3	36	26.06	938.16	171.64	90.38	1,200.19
	334.4	6.5	26.06	169.39	30.99	16.32	216.70
	346.5	14	26.06	364.84	66.75	35.15	466.74
WF Greg Peck	309.2	66	20.81	1,373.46	251.28	132.32	1,757.07
	311.3	31	20.81	645.11	118.03	62.15	825.29
	320.3	70.5	20.81	1,467.11	268.42	141.34	1,876.87
	346.5	18	20.81	374.58	68.53	36.09	479.20
WF Garth Armstrong	311.3	14	25.10	351.40	64.29	33.85	449.55
	334.4	13	25.10	326.30	59.70	31.44	417.44
WF Don Watkins	320.3	30	18.49	554.70	101.49	53.44	709.63
	346.5	8	18.49	147.92	27.06	14.25	189.23
WF Jason Scott	311.3	5	13.20	66.00	12.08	6.36	84.43
	320.3	15	13.20	198.00	36.23	19.08	253.30
	346.5	2	13.20	26.40	4.83	2.54	33.77

Code	Salaries	Benefits	Taxes	Total
304.3	-	-	-	-
304.4	-	-	-	-
308.2	-	-	-	-
309.2	2,285.56	418.16	220.20	2,923.91
311.3	1,270.99	232.54	122.45	1,625.98
320.3	3,157.97	577.77	304.24	4,039.98
331.4	-	-	-	-
334.4	495.69	90.69	47.76	634.14 AMI
346.5	913.74	167.17	88.03	1,168.95
WATER	8,123.95	1,486.33	782.68	10,392.95
354.4	-	-	-	-
WWATER	-	-	-	-
check	-	-	-	-

Wedgefield	
Q2 2016 salaries	\$1,504
Q2 2016 benefits	9,423 18%
Q2 2016 taxes	4,962 10%

SOUTHGATE

Employee	Code	Hours	Rate	Labor	Benefits	Taxes	Total
SG David Trant	331.4	4	20.14	80.56	11.96	5.95	98.47
	334.4	3	20.14	60.42	8.97	4.46	73.85
SG Steve Fischer	331.4	6	15.00	90.00	13.36	6.64	110.01
	331.4	1	15.00	15.00	2.23	1.11	18.33
	331.4	5	15.00	75.00	11.13	5.54	91.67
	334.4	4	15.00	60.00	8.91	4.43	73.34
	331.4	4	15.00	60.00	8.91	4.43	73.34
	334.4	3	15.00	45.00	6.68	3.32	55.00
SG Angelo Rosario	331.4	6	11.75	70.50	10.47	5.20	86.17
	331.4	1	11.75	11.75	1.74	0.87	14.36
	331.4	5	11.75	58.75	8.72	4.34	71.81
	331.4	4	11.75	47.00	6.98	3.47	57.45
	334.4	3	11.75	35.25	5.23	2.60	43.09
SG Garth Armstrong	331.4	4	25.10	100.40	14.91	7.41	122.72
	334.4	6	25.10	150.60	22.36	11.12	184.08
	331.4	2	25.10	50.20	7.45	3.71	61.36
	331.4	2	25.10	50.20	7.45	3.71	61.36
	334.4	1	25.10	25.10	3.73	1.85	30.68
	331.4	2	25.10	50.20	7.45	3.71	61.36
	334.4	4	25.10	100.40	14.91	7.41	122.72
	331.4	2	25.10	50.20	7.45	3.71	61.36
SG Vinson Doss	331.4	1	13.33	13.33	1.98	0.98	16.29
	334.4	3	13.33	39.99	5.94	2.95	48.88

Code	Salaries	Benefits	Taxes	Total
331.4	823.09	122.20	60.76	1,006.05
334.4	516.76	76.72	38.15	631.63 AMI
TOTAL	1,339.85	198.92	98.91	1,637.68
check	-	(0.00)	(0.00)	0.00

Southgate	
Q2 2016 salaries	38,379
Q2 2016 benefits	5,698 15%
Q2 2016 taxes	2,833 7%

HD SUPPLY
WATERWORKS

INVOICE

1830 Craig Park Court
St. Louis, MO 63146

Invoice # F261919
Invoice Date 3/18/16
Account # 225342
Sales Rep JACK BUTLER
Phone # 941-364-8909
Branch # 579 Sarasota, FL
Total Amount Due \$3,266.73

Remit To:
HD SUPPLY WATERWORKS, LTD.
PO BOX 4853
ORLANDO, FL 32802-4853

861 MB 0.439 E028DX 10450 D1671153697 P3171108 0001:0002



PLURIS WEDGEFIELD, INC.
1102 S FLORIDA AVE
LAKELAND FL 33803-1308

Shipped to: 2/28/16 E899734
3100 BANCROFT BLVD
ORLANDO, FL

CUSTOMER JOB- METERS METERS

Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered	Date Shipped	Customer PO #	Job Name	Job #	Bill of Lading	Shipped Via
12/09/15	2/26/16	JK/WF/AMI	METERS	METERS		DIRECT

Product Code	Description	Quantity			Price	UM	Extended Price
		Ordered	Shipped	B/O			
HD SUPPLY WATERWORKS PO#- 7378474							
/45014105171	PART# 5396383700521B * SEN ANLYTCS SYSTEM SETUP WATER 5-10K SENSUS RNI CUSTOMER	1		1	1991.61000	EA	.00
/45014105172	PART# 5396383700540 * SENSUS ANALYTICS TRAINING FEE	1		1	1013.57000	EA	.00
/45014105173	PART# ED RNI ONSITE EDUCATION * CORE RNI ONSITE 1 DAY ONSITE, PLUS TRAVEL EDUCATION & TRAINING SERVICE ACCESS TO ALL ONLINE EDUCATION FOR SELF-PACED TRAINING.	1		1	2252.37000	EA	.00
/45014105174	PART# SA SU WTR CP * WTR CONSUMER PORTAL SETUP FEE WITH SENSUS ANALYTICS	1		1	2815.47000	EA	.00
/45014105175	PART# PS SA CP ONSITE SENSUS ANALYTICS CONSUMER PORT TRAINING ONSITE. PLUS TRAVEL	1		1	1013.57000	EA	.00
/45014105176	PART# 5396383700507 SEN ANLYT ALERT MANGR TEXT ELE TEXT MESSAGES ANNUAL FEE UP TO 6K MESSAGES	1		1	337.86000	EA	.00
/45014105177	PART# PS SA CP CIS CIS INTEGRATION FEE	1		1	5630.94000	EA	.00
/45014105178	PART# SA WTR CP 1.5 WTR CONSUMER PORTAL <1500 ANNL ANNUAL USE FEE 0-1500	1		1	2815.47000	EA	.00

HD SUPPLY

WATERWORKS

INVOICE

Invoice # F261919
 Invoice Date 3/18/16
 Account # 225342
 Sales Rep JACK BUTLER
 Phone # 941-364-8909
 Branch # 579 Sarasota, FL
 Total Amount Due \$3,266.73

1830 Craig Park Court
 St. Louis, MO 63146

Remit To:
 HD SUPPLY WATERWORKS, LTD.
 PO BOX 4853
 ORLANDO, FL 32802-4853

Backordered from:
 Shipped to: 2/26/16 E899734
 3100 BANCROFT BLVD
 ORLANDO, FL



PLURIS WEDGEFIELD, INC.
 1102 S FLORIDA AVE
 LAKELAND FL 33803-1308

CUSTOMER JOB- METERS METERS

Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered	Date Shipped	Customer PO #	Job Name	Job #	Bill of Lading	Shipped Via
12/09/15	2/26/16	JK/WR/AMI	METERS	METERS		DIRECT

Product Code	Description	Quantity			Price	UM	Extended Price
		Ordered	Shipped	B/O			
/45014105179	PART# SSX42XXXXXXXXXX SAAS W/SFTWR RNI 3.X 5-10K WTR RNI 3.X 5,001-10K WATER	1	1		3081.82000	EA	3,081.82
/45014105180	PART# 5396383700535B SENSUS WTR ANALYTICS ENHANCED 5-10K ANNUAL FEE	1		1	3756.40000	EA	.00

334.4



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Freight	Delivery	Handling	Restock	Misc.	Subtotal:	3,081.82
					Other:	0.00
					Tax:	184.91
					Invoice Total:	\$3,266.73

Terms: NET 30 Ordered By:

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HD SUPPLY
WATERWORKS

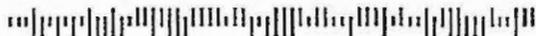
INVOICE

1830 Craig Park Court
St. Louis, MO 63146

Invoice # F852551
 Invoice Date 7/21/16
 Account # 225342
 Sales Rep PAUL THOMAS
 Phone # 407-291-1545
 Branch # 051 Orlando, FL
 Total Amount Due \$4,187.00



531 1 MB 0.410 E0015 10023 01808484064 S2 P3390990 0002:0002



PLURIS WEDGEFIELD, INC.
1102 S FLORIDA AVE
LAKELAND FL 33803-1308

Remit To:
HD SUPPLY WATERWORKS, LTD.
PO BOX 4853
ORLANDO, FL 32802-4853

Shipped to:
3100 BANCROFT BLVD
ORLANDO, FL

CUSTOMER JOB- METERS METERS

Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered	Date Shipped	Customer PO #	Job Name	Job #	Bill of Lading	Shipped Via	Invoice #
7/20/16	7/20/16	JKWF/AMI	METERS	METERS		OUR TRUCK	F852551

Product Code	Description	Quantity		B/O	Price	UM	Extended Price
		Ordered	Shipped				
67TSSGER	TOWER SYSTEMS GEOTECHNICAL ENGINEERING REPORT	1	1		3950.00000	EA	3,950.00

334.4



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Freight	Delivery	Handling	Restock	Misc.	Subtotal	Other	Tax	Invoice Total
					3,950.00	0.00	237.00	\$4,187.00

Terms: NET 30

Ordered By:

This transaction is governed by and subject to HD Supply Waterworks' standard terms and conditions, which are incorporated by reference and accepted. To review these terms and conditions, please visit: www.waterworks.hdsupply.com/TandC.

HD SUPPLY
WATERWORKS

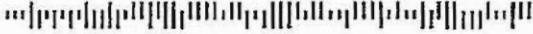
INVOICE

1830 Craig Park Court
St. Louis, MO 63146

Invoice # F100049
Invoice Date 7/21/16
Account # 225342
Sales Rep PAUL THOMAS
Phone # 407-291-1545
Branch # 051 Orlando, FL
Total Amount Due \$37,100.00



5311 MB 0.410 E0015X 10022 D1808404063 S2 P3390990 0001:0002



PLURIS WEDGEFIELD, INC.
1102 S FLORIDA AVE
LAKELAND FL 33803-1308

Remit To:
HD SUPPLY WATERWORKS, LTD.
PO BOX 4853
ORLANDO, FL 32802-4853

Shipped to: 10/21/15 E661692
3100 BANCROFT BLVD
ORLANDO, FL

CUSTOMER JOB- METERS METERS

Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered	Date Shipped	Customer PO #	Job Name	Job #	Bill of Lading	Shipped Via	Invoice #
10/15/15	7/20/16	JK-WF	METERS	METERS		OUR TRUCK	F100049

Product Code	Description	Quantity		B/O	Price	UM	Extended Price
		Ordered	Shipped				
42SM400	SENSUS M400 BASESTATION BID SEQ# 150	1	1		35000.00000	EA	35,000.00
67TSINSTALL	TOWER SYSTEMS TOWER INSTALL IN LIEU OF 67TSSGER	1	1			N/C EA	

334.4



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Local Service, Nationwide*

Freight	Delivery	Handling	Restock	Misc.	Subtotal	
					35,000.00	
					Other:	0.00
					Tax:	2,100.00
					Invoice Total:	\$37,100.00

Terms: NET 30 Ordered By: JOE KUHN

This transaction is governed by and subject to HD Supply Waterworks' standard terms and conditions, which are incorporated by reference and accepted. To review these terms and conditions, please visit: www.waterworks.hdsupply.com/TandC.

E & R Mechanical

A Division of
 EMS of Central Florida, Inc.
 7906-1 Clark Moody Blvd.
 Port Richey, FL 34668
 Phone (727) 847-3722
 Fax (727) 847-4063

Invoice

DATE	INVOICE
9/6/2016	30106

BILL TO
Pluris Holdings, LLC Attention: Joe Kuhns Re: Wedgefield 1102 S. Florida Ave Lakeland, FL 33803

PURCHASE ORDER	TERMS	JOB NAME
	Net 30	17918 - Concrete Light Pole

QUANTITY	DESCRIPTION	RATE	SERVICED	AMOUNT
1	72" Square Tapered Concrete Lighting Pole with 2-3/8" x 6" Threaded Tennon. Finish to be smooth gray concrete. **PRICE INCLUDES MATERIAL, FREIGHT, AND OFF-LOADING ONLY**	9,451.82	7/11/2016	9,451.82
	Labor (530a-500p) & Materials to install 21' galvanized pipe on concrete pole, outlet and breaker for light.		7/13/2016	1,541.20
	Labor (530a-1230p) & Materials to install light on concrete pole.		7/14/2016	1,135.85
	Labor (530a-530p) & Materials to dig trench and install conduit, wire and pull string between shed and concrete pole. Removed light on pole at request of pole setter.		7/15/2016	1,469.39
Total				\$13,598.26

HD SUPPLY
WATERWORKS

INVOICE

1830 Craig Park Court
St. Louis, MO 63146

Invoice # G064752
Invoice Date 9/01/16
Account # 225342
Sales Rep PAUL THOMAS
Phone # 407-291-1545
Branch # 051 Orlando, FL
Total Amount Due \$683.52

Remit To:
HD SUPPLY WATERWORKS, LTD.
PO BOX 4853
ORLANDO, FL 32802-4853

666 1 MB 0.419 E0148X 10244 01862460145 S2 P3466071 0001:0001

PLURIS WEDGEFIELD, INC.
1102 S FLORIDA AVE
LAKELAND FL 33803-1308

Shipped to:

CUSTOMER PICK-UP -

Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered	Date Shipped	Customer PO #	Job Name	Job #	Bill of Lading	Shipped Via	Invoice #
8/31/16	8/31/16	RHFWF	ROGER			WILL CALL	G064752

Product Code	Description	Quantity		B/O	Price	UM	Extended Price
		Ordered	Shipped				
90007HHCH31323NL	HHCH31-323-NL 3/4 STRT DUAL CK NO LEAD	10	10		64.18000	EA	641.80

Utility: WF
Code: 3344
Desc.: Double check values for installation before meter
Approval: [Signature]
Capital Expense: Yes/No
Capital Expense Sheet Attached: Yes/No



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Freight	Delivery	Handling	Restock	Misc.		Subtotal:	641.80
						Other:	0.00
						Tax:	41.72
						Invoice Total:	\$683.52

Terms: NET 30

Ordered By: ROGER

This transaction is governed by and subject to HD Supply Waterworks' standard terms and conditions, which are incorporated by reference and accepted. To review these terms and conditions, please visit: www.waterworks.hdsupply.com/TandC.

Invoice #63

FL Capitalized Labor

Q3 2016

WEDGEFIELD

	Employee	Code	Hours	Rate	Labor	Benefits	Taxes	Total
WF	Roger Holsapple	309.2	9	26.06	234.54	13.64	18.69	266.87
		311.3	0	26.06	-	-	-	-
		320.3	4	26.06	104.24	6.06	8.30	118.61
		334.4	6	26.06	156.36	9.09	12.46	177.91
		346.5	102	26.06	2,658.12	154.60	211.77	3,024.49
		308.2	0	26.06	-	-	-	-
		310.2	7	26.06	182.42	10.61	14.53	207.56
WF	Greg Peck	309.2	0	20.81	-	-	-	-
		311.3	14	20.81	291.34	16.95	23.21	331.50
		320.3	14	20.81	291.34	16.95	23.21	331.50
		346.5	251	20.81	5,223.31	303.80	416.14	5,943.25
WF	Garth Armstrong	311.3	30	25.10	753.00	43.80	59.99	856.79
		334.4	26	25.10	652.60	37.96	51.99	742.55
		309.2	20	25.10	502.00	29.20	39.99	571.19
		346.5	4	25.10	100.40	5.84	8.00	114.24
WF	Don Watkins	320.3	0	18.49	-	-	-	-
		346.5	13	18.49	240.37	13.98	19.15	273.50
WF	Jason Scott	311.3	0	13.20	-	-	-	-
		320.3	0	13.20	-	-	-	-
		346.5	0	13.20	-	-	-	-

SOUTHGATE

	Employee	Code	Hours	Rate	Labor	Benefits	Taxes	Total
SG	David Trant	331.4	16	20.14	322.24	29.98	23.85	376.07
		334.4	3	20.14	60.42	5.62	4.47	70.51
SG	Steve Fischer	331.4	8	15.00	120.00	11.16	8.88	140.04
		334.4	15	15.00	225.00	20.93	16.65	262.58
SG	Angelo Rosario	331.4	13	11.75	152.75	14.21	11.30	178.27
		334.4	3	11.75	35.25	3.28	2.61	41.14
SG	Garth Armstrong	331.4	13	25.10	326.30	30.36	24.15	380.80
		334.4	14	25.10	351.40	32.69	26.00	410.10
SG	Vinson Doss	331.4	4	13.33	53.32	4.96	3.95	62.23
		334.4	0	13.33	-	-	-	-

Code	Salaries	Benefits	Taxes	Total
304.3	-	-	-	-
304.4	-	-	-	-
308.2	-	-	-	-
309.2	736.54	42.84	58.68	838.06
310.2	182.42	10.61	14.53	207.56
311.3	1,044.34	60.74	83.20	1,188.28
320.3	395.58	23.01	31.52	450.10
331.4	-	-	-	-
334.4	808.96	47.05	64.45	920.46 AMI
346.5	8,222.20	478.23	655.06	9,355.48
WATER	11,390.04	662.48	907.44	12,959.95

354.4	-	-	-	-
WWATER	-	-	-	-
check	-	-	-	-

Wedgefield	
Q3 2016 salaries	60,726
Q3 2016 benefits	3,532 6%
Q3 2016 taxes	4,838 8%

Code	Salaries	Benefits	Taxes	Total
331.4	974.61	90.68	72.12	1,137.41
334.4	672.07	62.53	49.73	784.33 AMI
TOTAL	1,646.68	153.21	121.85	1,921.74
check	-	(0.00)	(0.00)	(0.00)

Southgate	
Q3 2016 salaries	42,487
Q3 2016 benefits	3,953 9%
Q3 2016 taxes	3,144 7%

Invoice #64

HDSUPPLY WATERWORKS

INVOICE

Invoice # G377409
 Invoice Date 11/04/16
 Account # 225342
 Sales Rep PAUL THOMAS
 Phone # 407-291-1545
 Branch # 051 Orlando, FL
 Total Amount Due \$1,222.82

1830 Craig Park Court
 St. Louis, MO 63146

Remit To:
 HD SUPPLY WATERWORKS, LTD.
 PO BOX 4853
 ORLANDO, FL 32802-4853

311 1 SP 0.465 E0311X 10424 D19884 13420 S2 P3626054 0001:0001



PLURIS WEDGEFIELD, INC.
 1102 S FLORIDA AVE
 LAKELAND FL 33803-1308

Shipped to:
 3100 BANCROFT BLVD
 ORLANDO, FL

CUSTOMER JOB- METERS METERS

Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered	Date Shipped	Customer PO #	Job Name	Job #	Bill of Lading	Shipped Via	Invoice #
11/02/16	11/03/16	RHWWF	METERS	METERS		OUR TRUCK	G377409

Product Code	Description	Quantity		B/O	Price	UM	Extended Price
		Ordered	Shipped				
4307GPIPERL6I75	3/4S IPERL TRPL 1G 6' 2W 2 WIRE, 7.5"LL I2X1GBXX	8	8		115.00000	EA	920.00
42SM50535200009C	IPERL 6' TR/PL 3 WIRE CABLE SM50535200009	10	10		23.36000	EA	233.60

Utility: WF
 Code: 314.4
 Desc.: 3/4" IPERL TRPL
 Approver: [Signature]
 Capital Expense: Yes/No
 Capital Expense Sheet Attached: Yes/No



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Freight	Delivery	Handling	Restock	Misc.	Subtotal:	1,153.60
					Other:	0.00
					Tax:	89.22
Terms: NET 30					Invoice Total:	\$1,222.82

This transaction is governed by and subject to HD Supply Waterworks' standard terms and conditions, which are incorporated by reference and accepted. To review these terms and conditions, please visit: www.waterworks.hdsupply.com/TandC.

HDSUPPLY
WATERWORKS

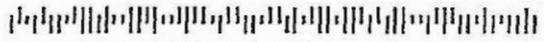
INVOICE

Invoice # G576734
 Invoice Date 12/21/16
 Account # 225342
 Sales Rep PAUL THOMAS
 Phone # 407-291-1545
 Branch # 051 Orlando, FL
 Total Amount Due \$1,950.40

1830 Craig Park Court
 St. Louis, MO 63146

Remit To:
 HD SUPPLY WATERWORKS, LTD.
 PO BOX 4853
 ORLANDO, FL 32802-4853

2779 1 MB 0.419 EN302X 10409 D2099606767 S2 P3777717 0001:0001



PLURIS WEDGEFIELD, INC.
 1102 S FLORIDA AVE
 LAKELAND FL 33803-1308

Shipped to:
 3100 BANCROFT BLVD
 ORLANDO, FL

CUSTOMER JOB- METERS METERS

Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered	Date Shipped	Customer PO #	Job Name	Job #	Bill of Lading	Shipped Via	Invoice #
12/19/16	12/20/16	JK/WF/AMI	METERS	METERS		CARRIERHDSUPPLY	G576734

Product Code	Description	Quantity		Price	UM	Extended Price
		Ordered	Shipped			
4307GPIPERL6175	3/4S IPERL TRPL 1G 6' 2W 2 WIRE, 7.5"LL I2X1GBXX RE-PROGRAM TO 1000G	16	16	115.00000	EA	1,840.00

334.4



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Freight	Delivery	Handling	Restock	Misc.	Subtotal:	1,840.00
					Other:	0.00
					Tax:	110.40
					Invoice Total:	\$1,950.40

Terms: NET 30

Ordered By: ROGER HOLSAPPLE

This transaction is governed by and subject to HD Supply Waterworks' standard terms and conditions, which are incorporated by reference and accepted. To review these terms and conditions, please visit: www.waterworks.hdsupply.com/TandC.



INVOICE

Trimble Inc.

4450 Gibson Drive, TIPP CITY, OH 45371 United States. TEL: +1 (937) 233 8921. FAX: +1 (937) 233 5911

BILL TO: FLURIS HOLDINGS
 JOE KUHN
 2100 MCKINNEY AVE STE 1650
 DALLAS TX 75201
 United States

SHIP TO: FLURIS HOLDINGS
 3100 BANCROFT BLVD
 Orlando FL 32833
 United States

SHIP FROM: United States of America
SHIP TO CUSTOMER: 659838

Bill To Customer: 659838

Document No. 30115897	Date 05-OCT-16	Page 1(2)
Customer Purchase Order No. 659838	FP Authorization Code	
Sales Order No. 51052415	Delivery I.D.	
AWB No. 0	Date of Shipment 05-OCT-16	
Ship Method	Shipping Terms (FOB) Dayton, Freight Prepaid and	
Sales Associate SERVICE DAYTON		
Payment Terms CREDIT CARD	Currency USD	

Trimble IRS Tax ID # 94-2802192

Item	Part Number	Customer Item#	Description	Qty Shipped	Qty Backorder	Unit Price	Extension	Tax
1	61592-00S		Nomad Display RoHS MGIS Svc Part Components :	1	0	369.90	369.90	24.05
3	EGL-Z1003		Nomad Screen Protectors 2-pack (anti-glare)	.5	0	8.00	4.00	.26
4	DY-SVCLABOR-1		Service Labor - Trimble Dayton RSC Teir 1, Basic Product Repair (per hour)	2	0	100.00	200.00	13.00
	FREIGHT_ITEM		Freight Charges	1	0	13.57	13.57	.89
							Subtotal:	587.47
							Discount Total:	.00
							Subtotal:	587.47
							Tax Total:	38.20
							Total:	625.67
							Payments And Credits	625.67
							Outstanding Balance:	0.00

All business is transacted strictly in accordance with our Terms and Conditions accompanying this invoice, which can also be viewed at <http://www.trimble.com/termsofsale>

REMIT TO: CHECKS: Trimble Inc. PO BOX 203558 DALLAS, TX 75320-3558 United States	WIRE INSTRUCTIONS: WELLS FARGO BANK ABA #121000248 SWIFT CODE: WFBUS6S ACCOUNT#403-0018808
--	--

TRI-SURE CORPORATION

P. O. Box 653
Auburndale, FL 33823
863-967-5506

Pluris USA
1102 S. Florida Ave.
Lakeland, FL 33803

Invoice No. 3029

Invoice Date 11/28/2016

Attn: Joe Kuhns

Our Job No. 348

Pluris Emergency Sewer Repair (Wedgefield)

Daily Rate (19 days @\$4,400/day)	83,600.00
Mobilization & Insurance	8,500.00
Nortrax (Hitachi 250 Inv #1587018 & 1596809)	2,840.59
Trench Sheild (Road Plates&Trench Box Inv#28-04763-16) & (Rock Box Inv#28-04764-16)	2,712.06
Coast to Coast Dewatering (Inv #1358 & #750)	7,311.64
K & G Trucking of Central FL (sand for wellpoints) (INV#4798)	758.00
Bob's Barricades (inv #G752503 & #G753344)	5,285.31
Ferguson Waterworks (materials: inv#1489679,#1488893,#1488670,#1563947,#1564269)	4,368.62
United Rentals (compactor & street saw inv #141384801-536.12 & #141418313-318.69)	854.81
Herc Rentals (roller & compact track loader INV #28945032-001 & #28945032-002)	3,406.85
Synergy Rents (JD 350G) (INV#R52523)	5,574.90
Atlantic Well Points (INV#229)	6,600.00
Central Florida Pump & Polymer(inv#751)	1,111.64
UES Density Test (inv#00237043 & #00237084)	261.15
Traverse Group (concrete, asphalt, 57 stone, milling, and resurface, testing and striping)	115,096.00
Orange County Solid Waste (dump fees, removal asphalt and road base)	5,442.56
Palm Garden Nursery (Landscape & Restoration) (ticket#134990)	525.00
Southern Sod (Landscape & Restoration) (INV#18110)	1,800.00
Simpson Environmental Services (AC Pipe Removal) (INV#SE725401)	4,000.00
Traffic Control Products (low profile Barrier Wall) (inv #73412 & #73556)	39,136.80

Subtotal **\$299,185.93**

Plus 20% 59,837.19

Amount due this invoice **\$359,023.12**

CUSTOMER CONCERNS

ATTACHMENT “1a”

Wedgefield Five Year TTHM Results

Date	Result(s) Above 80 mg/L				
8/8/2016	97.1	93.3	88.6		
8/15/2016	86.0	86.2	96.6	81.4	105.0
8/18/2016	117.2	114.3	132.7	105.6	125.4
8/24/2016	102.0	94.5	115.0	97.0	104.0
9/6/2016	83.6				
9/9/2016	80.1	92.5			
9/23/2016	88.5	94.1	134.0	126.0	
9/27/2016	80.2	83.5	123.0	100.0	
10/4/2016	87.4	85.6	104.0	95.5	110.0
10/11/2016	80.4	88.3	83.3		
10/20/2016	87.2				
10/24/2017	86.5	95.6	88.8		
11/29/2016	95.7	116.0			
2/2/2017	105.0				

CUSTOMER CONCERNS

ATTACHMENT “1c”

Wedgefield Historic TTHM Results

2008	2009	2010	2011	2012	2013	2014	2015	2016
67.9	92.1	67.8	55.2	56.5	53.4	2.3	2.7	80.1
								116.0

2017	2017	
76.1	105.00	2/2/2017
Undetected	Undetected	6/23/2017
Undetected	Undetected	9/7/2017

CUSTOMER CONCERNS

ATTACHMENT “1d”



Florida Department of Environmental Protection

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Jonathan P. Steverson
Secretary

June 10, 2016

Maurice Gallarda, President
Pluris Wedgefield, Inc.
2100 McKinney Ave., Ste. 1550
Dallas, TX 75201
mgallarda@plurisusa.com

Re: Pluris Wedgefield
PW Facility ID #3480149
Orange County

Dear Mr. Gallarda:

The Department is in receipt of the Detailed Plan of Action (POA) for the reduction of total trihalomethanes and haloacetic acids dated June 9, 2016. The Department concurs with the POA and appreciates your efforts to maintain this facility in compliance with state and federal rules.

Should you have any questions or comments, please contact Patrick Farris at 407-897-4137 or via e-mail at patrick.farris@dep.state.fl.us.

Sincerely,

A handwritten signature in blue ink, appearing to read "Jeff Prather".

Jeff Prather
Director, Central District
Florida Department of Environmental Protection

Enclosure: Pluris-Wedgefield Plan of Action

cc: Joe Kuhns, jkuhns@plurisusa.com



Joseph M. Kuhns
Regional Manager

June 9, 2016

VIA EMAIL

Florida Department of Environmental Protection
Central District Office
Patrick Farris, Environmental Specialist III
Central District Office
3319 Maguire Blvd, Suite 232
Orlando, Florida 32803-3767

Re: Pluris Wedgefield, Inc. ("Pluris"), - Detailed Plan of Action for Total Trihalomethanes & Haloacetic Acid Exceedance Reduction

Dear Mr. Farris,

The following Detailed Plan of Action ("POA") is hereby submitted at the request and in cooperation with the Florida Department of Environmental Protection ("FDEP") to identify and implement corrective actions necessary to maintain the Total Trihalomethanes ("TTHM") and Haloacetic Acids ("HAA5") levels within the distribution system below the respective Maximum Contaminant Levels ("MCL").

Presented in the following is the detailed description of Pluris's POA.

- Pluris has retained the civil engineering services of senior professional engineer Steve Romano, PE with Kimley-Horn to provide engineering technical support on the evaluation and study of TTHM and HAA5 formations in the system.
- Pluris met with Dr. Steven J. Duranceau, P.E., Associate Professor of Environmental Engineering at UCF on May 31st, 2016 to discuss Dr. Duranceau's assistance in evaluating TTHM and HAA5 formation in the Pluris distribution system. Dr. Duranceau is an expert in the field of disinfectant byproducts; specifically the formation of TTHMs and HAA5s and their reduction. Dr. Duranceau's services will be utilized as part of the POA to assist in identifying the formation potential of TTHM and HAA5 in the raw and treated water. This analysis will include an evaluation of the treatment system and all chemicals used which may contribute to the formation of TTHM's and HAA5's based on the specific constituents formed during the testing.
- Pluris has retained and coordinated with representatives of IXOM, the manufacturer of the Magnetic Ion Exchange ("MIEX") system to visit the Water Treatment Facility and thoroughly evaluate the performance of the MIEX treatment system. IXOM visited the site on April 29th and provided preliminary system enhancements for optimizing removal of naturally occurring organics from the production well water. IXOM is scheduled to provide detailed analysis of the Supervisory Control and Data Acquisition ("SCADA") in coordination with Pluris' SCADA technician by June 30th. Following the SCADA analysis IXOM representatives will visit the Water Treatment Plant ("WTP") to validate the MIEX treatment optimization.

- Pluris, along with IXOM personnel, have identified particular water treatment plant system operating items that will be enhanced to more effectively remove the organics found in the raw well water. They are as follows:
 - Install new conductivity meters that provide data to the SCADA system to ensure regeneration of the MIEX resin is occurring. Both Pluris and IXOM believe this will result in better regeneration of the MIEX resin; thus providing more effective removal of potential organics in the raw water source. This work will be completed by June 24th.
 - On the recommendation of IXOM, Pluris reconfigured the resin transport piping on June 2nd, 2016. The original venturi tube configuration has been replaced with a simple air lift system to assure reliable resin induction at the beginning of the MIEX treatment.
 - Pluris is installing Variable Frequency Drives (“VFD”) on each well to allow the MIEX system to run in continuous mode. By doing so the MIEX resin should remain fluidized (in suspension), providing more surface area in constant contact with the raw water. IXOM believes this will increase the effectiveness of the process, thereby improving the organics removal efficiency. This work is scheduled to be complete by June 23rd, 2016.
 - Pluris has purchased analytical equipment used to monitor UVA on the raw water as well as the treated water. The UVA process control analytical testing will provide a data set point comparison used to monitor the effectiveness of organic removal by the MIEX system.
- IXOM staff will conduct a training refresher course with Pluris staff. The training is scheduled to be complete by July 30th, 2016.
- Additional sampling analysis will be conducted once the MIEX SCADA analysis is completed in mid-June. Sampling will include the following;
 - WTP - TOC, DOC, Iron, pH, TTHM and HAA5 will be done at the point of entry. These samples will be conducted weekly and reduced to monthly once TTHM and HAA5 levels are below MCLs.
 - Distribution system - TOC, DOC, Iron, pH, chlorine residuals, TTHM and HAA5 will be conducted at five separate representative points as determined in conjunction with distribution system analysis and FDEP. These samples will be conducted weekly and reduced to monthly once TTHM and HAA5 levels have been determined to be in control.

Once the weekly sampling results consistently show the TTHM and HAA5 levels have been stabilized below the MCL for a period of 4 consecutive samples, Pluris staff will then begin monthly

sampling. After four consecutive monthly samples remain below the MCL, Pluris will resume standard compliance sampling.

- Pluris along with FDEP representatives will amend the current IDSE sampling plan to include a more representative cross section for future sampling. Pluris will conduct compliance sampling for TTHMs and HAA5s each quarter for a minimum of four quarters to demonstrate ongoing compliance with TTHM and HAA5 levels.
- Pluris purchased and installed six automatic flushing devices on May 26th, 2016. The flushing devices have been strategically placed throughout the distribution system to maximize water age reduction. The hydraulic distribution model was used to identify water flow in the distribution system in two ways – using the current flow patterns and for future flow patterns once the new Wedgefield K-8 school opens. When the Wedgefield K-8 school water main piping is put into operation, the flushing devices will be re-located to the areas identified to maximize water age reduction. This effort will be coordinated with the TTHM/HAA formation potential testing to create a flushing program that will keep the water age as low as possible while conserving as much water as possible to preserve this important natural resource. Steve Romano with Kimley-Horn has been tasked with performing this hydraulic modeling and assisting Pluris staff to develop flushing strategies to achieve these goals.
- Pluris has purchased and installed, at the water treatment plant, a flow paced chlorination system managed by the onsite SCADA system on May 26th, 2016. This is expected to efficiently inject, on a continual flow demand basis, proper amounts of chlorine to better control point of entry and remote chlorine residuals. In addition, Pluris staff will conduct multiple and thorough remote chlorine residual readings to assure proper chlorine residuals throughout the distribution system.
- Pluris in cooperation with the Wedgefield Home Owners Association President, Mike Nolan and Steve Romano have held two public meetings to date with interested customers to inform and provide facts on the status of the ongoing evaluation of the TTHM & HAA5 issue. In addition, a blast email information piece was sent out to Wedgefield residents. Additional meetings will be held accordingly. Pluris will continue to inform customers on an ongoing basis by holding public meetings, emailing and bill inserts.
- Pluris will submit to FDEP monthly updates on progress with the terms of this POA.



Joseph M. Kuhns Pluris Wedgefield, Inc.



Florida Department of Environmental Protection

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

October 10, 2017

ELECTRONIC CORRESPONDENCE

In the matter of an Application for Permit by:

Joseph M. Kuhns, Regional Manager
Pluris Wedgefield Inc.
1102 S. Florida Avenue
Lakeland, FL 33803
jkuhns@plurisusa.com

DEP File No. 0080718-021-WC
County: Orange

NOTICE OF PERMIT ISSUANCE

Enclosed is Permit Number 0080718-021-WC for Pluris Wedgefield Chlorine Dioxide Treatment System, issued pursuant to Section 403.861(9), Florida Statutes.

This permit is final and effective on the date filed with the clerk of the Department unless a petition is filed in accordance with the paragraphs below or unless a request for extension of time in which to file a petition is filed within the required timeframe and conforms to Rule 62-110.106(4), F.A.C. Upon timely filing of a petition or a request for an extension, this permit will not be effective until further Order of the Department.

A person whose substantial interests are affected by this permit may petition for an administrative proceeding (hearing) in accordance with sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) with the Agency Clerk for the Department of Environmental Protection, Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000, within 14 days of receipt of this Notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under sections 120.569 and 120.57 of the Florida Statutes. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-106.205, F.A.C.

A petition must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;

- (c) A statement of how and when the petitioner received notice of the agency decision;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts which petitioner contends warrant reversal or modification of the Department's action;
- (f) A statement of the specific rules or statutes the petitioner contends requires reversal or modification of the Department's action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- (g) A statement of the relief sought by petitioner, stating precisely the action that the petitioner wants the Department to take.

A petition that does not dispute the materials facts on which the Department's action is based shall state that no such facts are in dispute and otherwise contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any such final decision of the Department on the petition have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

When the Order (Permit) is final, any party to the Order has the right to seek judicial review of the Order pursuant to section 120.68 of the Florida Statutes, by filing a Notice of Appeal pursuant to Rule 9.110 of the Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000; and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within 30 days from the date when the final order is filed with the Clerk of the Department.

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Kimberly Rush, P.E.
Permitting and Waste Cleanup Program Administrator

Enclosures: Permit No. 0080718-021-WC



Florida Department of Environmental Protection

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

October 10, 2017

ELECTRONIC CORRESPONDENCE

PERMITTEE:

Pluris Wedgefield Inc.
1102 S. Florida Avenue
Lakeland, FL 33803

PWS ID NUMBER: 3480149

PERMIT NUMBER: 0080718-021-WC

DATE OF ISSUE: October 10, 2017

EXPIRATION DATE: October 9, 2022

COUNTY: Orange

PROJECT: Pluris Wedgefield WTP- Chlorine
Dioxide Treatment System

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-550, 62-555 and 62-560. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawings, plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

TO CONSTRUCT: a chlorine dioxide chemical storage and feed system consisting of necessary piping, pumps and tanks needed for chlorine dioxide generation, chemical metering and injection of the disinfectant as well as the corresponding analyzers and remote access to the monitoring system to ensure compliance of the system. Chlorine dioxide will be used as the primary disinfectant in the plant with the goal of reducing disinfection by-product (DBP) formation.

A pilot study was undertaken beginning on March 1, 2017 to improve water quality using chlorine dioxide as the primary disinfectant. The initial 90-day study demonstrated a reduction in the formation of total trihalomethanes (TTHMs). To gauge chlorine dioxide effectiveness during the warmer months, the pilot study was extended another 90 days and further reduction of DBPs was observed.

The proposed disinfection process will start with a mixing tank, where the chlorine dioxide generation components will be mixed with water. The mixed solution will then be pumped to the dry tanks using the transfer pump, where it will be discharged to two separate storage tanks. From there, it will flow to two separate chemical metering pumps. The Pre-Storage injection pump will inject chlorine dioxide into the water stream as it enters the existing ground storage tank (GST). The Post-Storage injection pump will inject chlorine dioxide immediately downstream of the existing GST and prior to the high service pumps (HSPs). The finished water

will then be pumped by the HSPs into the distribution system. A minimum residual of 0.05 mg/l of chlorine dioxide will be maintained throughout the distribution system.

Utilizing the demand ratio from data developed from the pilot study, a design chlorine dioxide dosing rate of 335.1 gallons per day (13.96 gallons per hour) was used to determine equipment capacity. The equipment is sized to provide chlorine dioxide disinfection for the treatment plant's maximum permitted capacity to comply with the needs of the distribution system.

PROPOSED CONSTRUCTION INCLUDES THE FOLLOWING COMPONENTS:

1. **Mixing:** The mixing tank will be a 500-gallon, welded PVC tank. The tank will be square (48-inch wide by 54-inch long by 48-inch tall) with a recessed floor sloped to the drain. Support bracing outside the tank wall will provide structural strength for the tank walls. The lid will be hinged with a 24-inch wide by 48-inch long opening. The tank will include 12 inches of freeboard between the 264-gallon mixed solution and the PVC perforated screen. An additional 6 inches of sidewall depth will be above the PVC screen prior to the lid.
2. **Transfer Pump:** The transfer pump will be a centrifugal magnetic drive pump with Kynar (PVDF) components. The pump will be equivalent to a Finish Thompson DB5 model with ¼ horsepower motor. The pump has a rate design capacity of 13 gallons per minute (GPM) at 23 feet Total Dynamic Head (TDH).
3. **Storage:** Two 650-gallon, black high-density linear polyethylene (HDLPE), tanks will be used to store the chlorine dioxide solution, for a total of 1,300 gallons of storage capacity. This storage is projected to supply 4 full days of liquid chlorine dioxide chemical storage for the facility. The tank dimensions are as follows:
 - a. Diameter: 56-inch
 - b. Height: 68-inch
 - c. Domed top tank
 - d. 16-inch Manway lid
 - e. Reflective roll insulation

The liquid chlorine dioxide chemical will be stored in a covered pavilion structure as shown on submitted drawings. The storage tanks meet the requirements of Section 5.4.3 Sodium chlorite for chlorine dioxide generation of the Recommended Standards for Water Works.

4. **Chemical Metering Skid:** The chemical skid will house two chemical metering pumps and a calibration column. Both pumps will be rated at 11.1 gallons per hour (GPH) both for pre-storage injection and post storage injection. The second pump will inject chlorine dioxide into a buried pipeline enclosed in a vault immediately downstream of the existing GST (Post-Storage injection). Each pump discharge will have a pulsation damper, a back-pressure valve, a pressure gauge, a check valve, a

ball valve, pressure relief valve, and a relief pipeline to route excess chemical back to the storage tanks if the pressure setting is exceeded.

Both pumps and discharge assemblies meet the requirements of Section 5.4.3.c of the Recommended Standards for Water Works as per the following:

- a. The pumps are positive displacement.
- b. The pump discharge tubing is polyethylene and will transition to schedule 80 PVC to the chemical injection point.
- c. The injection piping will be constructed to eliminate any pockets for gas and will remain under pressure to the injection point.

Both metering pump discharge assemblies are equipped with the valving and pressure regulating devices mentioned above and as shown on the submitted process diagram. These components assure no siphoning will occur during permanent installation and is in accordance with Section 5.1.5 of the Recommended Standards for Water Works and Rule 62-555.330 F.A.C.

5. **Chemical Piping:** Includes ½ inch, 1 ½ inch and 4-inch PVC chemical feed piping. All chemical piping utilized for the chemical system installation will be polyethylene tubing inclusive of NSF 61 certification, or Schedule 80 PVC Type 1 Grade 1 pipe inclusive of NSF 61 certification. The Cell Classification of the PVC pipe shall be 12454 as defined in ASTM D1784.
6. **Housing/Storage:** The dry chemical powder utilized to make a 0.3 percent chlorine dioxide solution will be contained in sealed plastic buckets received from the chemical supplier. The buckets will be stored within a metal cabinet inside the onsite storage structure with conditioned air and no sun exposure.

The storage structure is 12-feet wide by 12-feet long and over 8-feet tall. The structure is steel framed with aluminum shell and has over 20-feet clearance from any other structure or chemicals.

This storage facility and metal structure has been inspected and approved by the Orange County Fire Department Inspector and is compliant with all their recommendations and standards for storing the chemical powder.

The storage facility meets the requirements of Section 5.4.3 of the Recommended Standards for Water Works.

7. **Instrumentation and Control:** The chlorine dioxide chemical feed system will be controlled by a programmable logic controller (PLC) to monitor and control the chemical dosage rates as well as the regulated parameters of chloride dioxide residual and chlorite. The chlorine dioxide residual will be measured immediately downstream of the GST, and downstream of the high service pumps at the point of entry (POE) into the distribution system. Chlorite will also be measured downstream of the high service pumps at the POE. Data will be transmitted to a chemical system control

panel where the electronic control system will monitor and control the chlorine dioxide injection system and alarming parameters. The operations staff will have full access to the electronic control system and water treatment plant functions to control through remote login and operator access.

8. **Safety Gear and Equipment:** The plant has the appropriate personal protective equipment (PPE) and safety procedures in place to ensure safe preparation, mixing, handling and management of the chemical components to produce the chlorine dioxide solution. At a minimum, the appropriate safety gear and equipment includes rubber apron, rubber gloves, respirator, and eyewash/shower.

The Pluris Wedgefield WTP is a Community Public Water System. with a rated design capacity of 1,037,000 gallons per day (GPD). The plant is classified as Category III Class C (1 MGD up to 2.0 MGD). Accordingly, staffing is by Class C or higher operator: 6 hours per day for 5 days per week and one visit on each weekend day. The lead or chief operator must be Class C or higher.

IN ACCORDANCE WITH: This permit does not pertain to any wastewater, storm water or dredge and fill aspects of the project. This permit is issued based upon the dates and submissions during the application process as follows: Construction plans, specifications and details received on August 18, 2017 and additional information received on September 12, 2017.

LOCATION: The project site is located at 20449 Mansfield Street, Orlando FL 32833. The plant is located just south of S.R. 520 near the intersection of North Mansfield Street and Ardon Avenue.

Work must be conducted in accordance with the Proposed Construction, General and Specific Conditions, attached hereto.

The permittee shall be aware of and operate under the Permit Conditions below. These applicable conditions are binding upon the permittee and enforceable pursuant to Chapter 403, Florida Statutes. [F.A.C. Rule 62-555.533(1)]

A. GENERAL CONDITIONS

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, F.S. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in Subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times (reasonable time may depend on the nature of the concern being investigated), access to the premises where the permitted activity is located or conducted to:
 - a. Have access to and copy any records that must be kept under conditions of the permit;
 - b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
 - c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.
8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
 - a. A description of and cause of noncompliance; and

- b. The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.
9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard.
11. This permit is transferable only upon Department approval in accordance with Rule 62-4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
12. This permit or a copy thereof shall be kept at the work site of the permitted activity.
13. This permit also constitutes:
 - a. Determination of Best Available Control Technology (BACT)
 - b. Determination of Prevention of Significant Deterioration (PSD)
 - c. Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
 - d. Compliance with New Source Performance Standards
14. The permittee shall comply with the following:
 - a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
 - b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this

permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.

- c. Records of monitoring information shall include:
 - i. the date, exact place, and time of sampling or measurements;
 - ii. the person responsible for performing the sampling or measurements;
 - iii. the dates analyses were performed;
 - iv. the person responsible for performing the analyses;
 - v. the analytical techniques or methods used;
 - vi. the results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

SPECIFIC CONDITIONS

B. Construction Activities

1. Permit Modification

All construction must be in accordance with this permit. Before commencing work on project changes for which a construction permit modification is required per 62-555.536(1), the permittee shall submit to the Department a written request for a permit modification. Each such request shall be accompanied by one copy of a revised construction permit application, the proper processing fee and one copy of either a revised preliminary design report or revised drawings, specifications and design data. [F.A.C. Rule 62-555.536].

2. Professional Engineer Supervision

Permitted construction or alteration of public water supply systems must be supervised during construction by a professional engineer registered in the State of Florida if the project was designed under the responsible charge of a professional engineer licensed in the State of Florida. The permittee must retain the service of a professional engineer registered in the State of Florida to observe that construction of the project is in accordance with the engineering plans and specifications as submitted in support of the application for this permit. [F.A.C. Rule 62-555.520(3)].

3. Artifacts

If prehistoric or historic artifacts, such as pottery or ceramics, stone tools or metal implements, dugout canoe remains, or any other physical remains that could be associated

with Native American cultures, or early colonial or American settlement are encountered at any time within the project site area, the permitted project should cease all activities involving subsurface disturbance in the immediate vicinity of such discoveries. The permittee, or other designee, should contact the Florida Department of State, Division of Historical Resources, Compliance and Review Section at 850.245.6333 or 800.847.7278, as well as the appropriate permitting agency office. Project activities should not resume without verbal and/or written authorization from the Division of Historical Resources and the permitting agency. In the event that unmarked human remains are encountered during permitted activities, all work shall stop immediately and the proper authorities notified in accordance with Section 872.05, *Florida Statutes*.

4. Delays and Extension of Permit

If delays will cause project completion to extend beyond the expiration date of this permit, the permittee shall submit to the Department a request to extend the expiration date of this permit including the appropriate processing fee. This request shall specify the reasons for the delay and shall be submitted to the Department for approval prior to the expiration date of this permit. Note that no specific construction permit shall be extended so as to remain in effect longer than five years. [F.A.C. Rule 62-555.536(4)].

5. Permit Transfer

In accordance with General Condition #11 of this permit, this permit is transferable only upon Department approval. Persons proposing to transfer this permit must apply jointly for a transfer of the permit within 30 days after the sale or legal transfer of ownership of the permitted project that has not been cleared for service by the Department using form, 62-555.900(8), Application for Transfer of a PWS Construction Permit along with the appropriate fee. [F.A.C. Rule 62-555.536(5)]

6. Obligation to Obtain Other Permits

This permit satisfies Drinking Water permitting requirements only and does not authorize construction or operation of this facility prior to obtaining all other necessary permits from other program areas within the Department, or required permits from other state, federal, or local agencies.

7. Limits on Authorizing Connections

This permit is for **CONSTRUCTION ONLY** of the components listed in the first page of this permit. This permit shall not infer that the clearance necessary for connection will be granted. Partial clearance may be granted, if required.

8. Gasoline Contamination

If gasoline contamination is found at the construction site, work shall be stopped and the proper authorities notified. With the approval of the Department, ductile iron pipe and fittings, and solvent resistant gaskets materials shall be used in the contaminated area. The ductile pipe shall be used in the contaminated area. The ductile iron pipe shall extend 100 feet beyond any solvent noted. Any contaminated soil that is excavated shall be placed on

an impermeable mat, covered with waterproof covering, and held for disposal. If the site cannot be properly cleaned, then consultation with the Department is necessary prior to continuing with the project construction.

9. Wetlands Jurisdiction

This permit does not constitute approval of construction on jurisdictional wetland areas; therefore such approval must be obtained separately from the Water Management District or from DEP ERP Section, as applicable, Permittee shall provide a copy of the permit approval to the Department if water main installation involves activities on wetlands.

C. Construction Standards

1. National Sanitation Foundation (NSF)

All products, including paints, which shall come into contact with potable water, either directly or indirectly, shall conform with National Sanitation Foundation (NSF) International, Water Chemicals Codex, Food Chemicals Codex, American Water Works Association (AWWA) Standards and the Food and Drug Administration, as provided in Rule 62-555.320(3), F.A.C.

2. American Water Works Association (AWWA)

Water supply facilities, including mains, pipe, fittings, valves, fire hydrants and other materials shall be installed in accordance with the latest applicable AWWA Standards and Department rules and regulations. The system shall be pressure and leak tested in accordance with AWWA Standard C600 C603, or C605, as applicable, and disinfected in accordance with AWWA Standard C651-653, as well as in accordance with Rule 62-555.340, F.A.C.

3. Lead Free

The installation or repairs of any public water system, or any plumbing in residential or nonresidential facilities providing water for human consumption, which is connected to a public water system shall be lead free in accordance with Rule 62-555.322, F.A.C.

4. Asbestos

If any existing asbestos cement (AC) pipes are replaced under this permit, the permittee shall do so in accordance with the applicable rules of Federal Asbestos Regulation and Florida DEP requirements. For specific requirements applicable to AC pipes, the permittee should contact the Central District Office prior to commencing any such activities at (407) 897-4100. Please be aware that a notification is required to be submitted to the Department at least 10 days prior to the start of a regulated project.

5. Hazard and Reuse Setbacks

Setback distances between potable water wells and sanitary hazards shall be in accordance with 62-555.312, F.A.C. Reclaimed water land application areas, if applicable, must not

be located within the setback distance from potable water supply wells established in Chapter 62-610, F.A.C.

6. Line Separation

Permittee shall maintain vertical clearance and horizontal separation between water mains and sanitary sewers, storm sewers, etc. unless approved otherwise by the Department, as provided in Rule 62-555.314, F.A.C., and Section 8.6 of *Recommended Standards for Water Works*, a manual adopted by reference in Rule 62-555.330(3), F.A.C.

7. Color Coding of Pipes

The new or altered aboveground piping at the drinking water treatment plant shall be color coded and labeled as recommended in Section 2.14 of “Recommended Standards for Water Works, 1997 Edition”. [F.A.C. Rule 62-555.320(10)]

8. Cross Connections

Permittee shall ensure that there shall be no cross-connection with any non-potable water source in accordance with Rule 62-555.360, F.A.C.

D. Operational Requirements

1. Staffing

The Pluris Wedgefield WTP is a Community Public Water System with a rated design capacity of 1,037,000 gallons per day (GPD). The plant is classified as Category III Class C (1 MGD up to 2.0 MGD). Accordingly, staffing is by Class C or higher operator: 6 hours per day for 5 days per week and one visit on each weekend day. The lead or chief operator must be Class C or higher. [F.A.C. Rule 62-699.310].

2. Operation and Maintenance to comply with Water Quality Standards

The supplier of water shall operate and maintain the public water system so as to comply with applicable standards in F.A.C. Rule 62-550 and 62-555.350.

3. Record Drawings

The permittee shall have complete record drawings produced for the project in accordance with Rule 62-555.530(4), F.A.C.

4. State Watch Office

The permittee or suppliers of water shall telephone the State Watch Office (SWO), at 1-800-320-0519 immediately (i.e., within two hours) after discovery of any actual or suspected sabotage or security breach, or any suspicious incident, involving a public water system in accordance with the F.A.C. Rule 62-555.350(10).

E. Monitoring Provisions

1. Compliance Monitoring by System Type

Permittee shall follow the guidelines of Chapters 62-550, 62-555, and 62-560, F.A.C., regarding public drinking water system standards, monitoring, reporting, permitting, construction, and operation.

This facility is a Community Water System as defined in F.A.C. Rule 62-550.200(12) and shall comply with the applicable chemical, radiological, lead and copper, and bacteriological monitoring requirements of F.A.C. Rule 62-550. Such requirements shall be initiated within the quarter that the water treatment facility is placed into service (i.e. calendar quarters such as January through March or April through June) and the results submitted to the Department.

The facility must return to biannual lead and copper sampling during July –December 2017 and January – June 2018, until further notice.

2. Safety Equipment

Safety equipment shall be provided and located outside of chlorine dioxide storage and feed room as described on page 4 above.

3. Chlorine Dioxide Residual

The water treatment plant shall maintain throughout the distribution system, a minimum continuous and effective chlorine dioxide residual of 0.05 mg/l (F.A.C. Rule 62-555.350(12)(d).) A minimum system pressure of 20 psi must be maintained throughout the system.

4. Chlorine Dioxide Maximum Residual Disinfectant Limit (MRDL)

Daily samples shall be collected at the entrance to the distribution system.

Any daily samples that exceed the MRDL of 0.8 mg/l, the system must take additional samples in the distribution system the following day at the following locations:

A. 3 samples as close to the first customer as possible at intervals of six hours

B. If any daily sample taken at the POE exceeds MRDL, and on the following day one or more of the 3 samples taken in the distribution system exceed the MRDL, the system is in violation of the MRDL and must take immediate corrective action to lower the level of chlorine dioxide below the MRDL and must notify the public of the acute violation and must report to the State.

5. Chlorite Maximum Contaminant Level (MCL)

Daily samples shall be collected at the entrance to the distribution system. If any daily samples exceed chlorite MCL of 1.0 mg/l, the system must take additional samples in the distribution system the following day at the following locations.

- 1) As close to the 1st customer as possible at:
20429 Mansfield Street, Orlando, FL 32833
- 2) Location representative of average residence time at:
20305 Majestic Street, Orlando, FL 32833
- 3) As close to the end of the distribution system reflecting maximum residence time at:
19520 Glen Elm Way, Orlando, FL 32833

In addition, the system must take a 3-sample set each month in the distribution system similar to the 3 locations required if the chlorite MCL is exceeded in the sample collected at the entrance to the distribution system. Specifically, these three sample sets are to be collected:

- 1) As close to the 1st customer as possible at:
20429 Mansfield Street, Orlando, FL 32833
- 2) Location representative of average residence time at:
20305 Majestic Street, Orlando, FL 32833
- 3) As close to the end of the distribution system reflecting maximum residence time at:
19520 Glen Elm Way, Orlando, FL 32833

Any additional routine sampling must be conducted in the same three-sample sets at the specified locations.

This monthly sampling requirement may be reduced to quarterly after one year of monitoring where:

- 1) no individual chlorite sample taken in the distribution system has exceeded the MCL and,
- 2) the system has not been required to conduct follow-up monitoring as a result of a daily sample collected at the entrance to the distribution system.

The system may remain on an annual schedule for chlorite sampling until either a daily sample or any of the three individual quarterly samples exceed the MCL, at which time the system must revert to monthly monitoring.

If the arithmetic average of any three-sample set exceeds the chlorite MCL of 1.0 mg/l, the system is in violation of the MCL and must notify the public of the acute violation and must report to the State.

F. Clearance Requirements

1. Clearance Letter

The permittee must instruct the engineer of record to request system clearance from the Department within sixty (60) days of completion of construction, testing and disinfecting the system. Bacteriological test results shall be considered unacceptable if the test was completed more than 60 days before the Department receives the results. [F.A.C. Rule 62-555.340(2)(c)]

Permitted construction or alteration of a public water system may not be placed into service until a letter of clearance has been issued by the Department. [F.A.C. Rule 62-555.345]

Upon receipt of system clearance from the Department, the pilot study and all pilot study equipment are to be terminated and removed from the site. At that time, the water system is expected to operate in accordance with this permit and the relevant requirements in Title 62, Florida Administrative Code.

2. Requirements to Obtain Clearance

After submitting the permit clearance package, the permittee will contact DEP_CD@dep.state.fl.us to establish a date/time for an inspection of the components contained in this permit.

Prior to placing this project into service, Permittee shall submit, at a minimum, all of the following to the Department for evaluation and approval for operation, as provided in Rules 62-555.340 and 62-555.345, F.A.C.:

- a. The engineer's *Certification of Construction Completion and Request for Clearance to Place Permitted PWS Components Into Operation* {DEP Form 62-555.900(9)};
- b. Certified record drawings, if there are any changes noted for the permitted project.
- c. Analytical results from two consecutive days of satisfactory bacteriological samples from locations found in paragraph 3 below.
- d. Copy of a satisfactory pressure test of the process piping performed in accordance with AWWA Standards. [F.A.C. Rule 62-555.320(21) (a)(1)].
- e. Photographs of the above ground installation
- f. Provide evidence that the required operation and maintenance(O&M) manual for the water treatment plant is in place, which will be updated thereafter as necessary to reflect plant modifications. The manual shall contain operation and control procedures, and preventive maintenance and repair procedures, for all plant equipment and shall be made available for reference at the plant or at a convenient location near the plant. Bound and indexed equipment manufacturer manuals shall be considered sufficient to meet the requirements of this subsection. [F.A.C. 62-555.350 (13)].
- g. Submit evidence to show that public notifications have been sent out to the consuming public no less than one week before the change from hypochlorination to the use of Chlorine Dioxide.

3. Cleaning, Disinfecting, and Bacteriological Samples

The new facilities shall be cleaned, disinfected, and bacteriologically cleared in accordance with Chapter 62-555, F.A.C. The bacteriological clearance data shall be

submitted to the Department with the engineer's certification of construction completion.
[Section 62-555.340 and 62-555.315(6)(b), F.A.C.]

Bacteriological Sampling Locations: Copies of results from satisfactory bacteriological samples shall be submitted with the clearance package. Samples shall be taken from locations within the distribution system or water main extension to be cleared, in accordance with Rules 62-555.315 (6), 62-555.340 and 62-555.330, F.A.C. and American Water Works Association (AWWA) Standard C 651-92, at the following locations:

- The designated locations for chlorine dioxide residual measurement between the existing GST and HSPs in accordance with Condition 2C.

Each location shall be sampled on two separate days (at least 6 hours apart) with sample point locations and chlorine residual readings **clearly indicated** on the report and/or drawings.

Bacteriological sample results will be considered unacceptable if the tests were completed more than 60 days before the Department receives the results.

Please submit the entire clearance document package in electronic format to DEP_CD@dep.state.fl.us. If the file is very large, you may post it to the Water Electronic Submittal folder on the Central District's ftp site at:

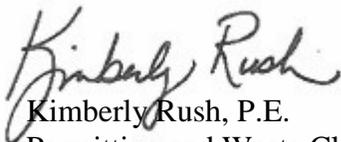
ftp://ftp.dep.state.fl.us/pub/incoming/Central_District/Water%20Electronic%20Applications.

After posting the document, send an e-mail to DEP_CD@dep.state.fl.us alerting us that it has been posted.

Any submitted drawings (should be sized 11" x 17") and the engineer of record's signed seal and dates on the required document must be legible for acceptance.

Forms: <http://www.dep.state.fl.us/water/drinkingwater/forms.htm>

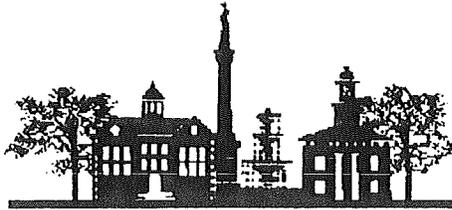
STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



Kimberly Rush, P.E.
Permitting and Waste Cleanup Program Administrator

CONSUMER CONCERNS

ATTACHMENT “3”



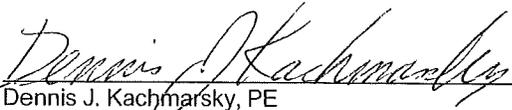
Mount Vernon

Mount Vernon, Ohio

Laundry Color Wash Study: Phase I

12 March 2008

ARCADIS


Dennis J. Kachmarsky, PE
Certified Project Manager

**Laundry Color Wash
Study: Phase I**

Prepared for:
Mount Vernon, Ohio

Prepared by:
ARCADIS
520 South Main Street
Suite 2400
Akron
Ohio 44311-1010
Tel 330.434.1995
Fax 330.374.1095

Our Ref.:
CL000532.R001

Date:
12 March 2008

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I. Introduction

Customers of the Mount Vernon water system have registered complaints of spotting on clothing after performing laundry for over 15 years. The first recorded complaint of this nature was June 12, 1990. Beginning in 1995, the City began collecting chlorine dioxide levels (initially speculating a connection) whenever a report was made at the residence. This spotting has been generally characterized as “splotching” and typically occurs on dark clothing.

The City has invested significant resources through a number of studies conducted to determine the cause of these incidences. There is yet to be a satisfactory resolution to this problem.

This Phase I Laundry Color Wash Study is designed to provide a technical review of the previous efforts to resolve this problem. A summary of the results of these efforts was reviewed and then compiled to develop a matrix of possible sources of this spotting. The matrix illustrates whether the analysis used to determine the spotting disproved or left unanswered a theory for the color spotting. In addition, some general observations are made from the summary results that assess the need for additional testing or identify gaps in the data. Finally, additional recommendations are made outlining a systematic approach with the goal of bringing this issue to a resolution if possible.

II. Summary of Previous Studies

A brief discussion and summary of the previous studies is outlined in the following subsections in chronological sequence. Copies of the detailed information are included in the Appendices to provide a comprehensive documentation of the efforts to resolve this problem.

In order to gain a perspective of the prevalence of the spotting incidents, the City has recorded incidents of color spotting graphically on a map. This map is included in Appendix 1, and indicates that there have been isolated occurrences at extremities of the system, but the majority of spotting occurrences are clustered around the central and eastern portion of the downtown neighborhoods. This may be generally characterized as the “older” part of the water distribution system. The complete summary of the “Splotching Complaints” (color spotting) compiled by the City is included in Appendix 1.

Observations about the locations of the complaints could indicate that age of the system and associated piping materials may be contributory factors. But this is not conclusive as there are many other “older” system areas with few complaints.

Oxidizable Substances Analyses – Samples at five city locations including the Water Treatment Plant Tap were analyzed by the Belmonte Park Environmental Laboratories in July 2000. The results are shown in Appendix 2 and indicate that no oxidizable substances were detected in any of the samples.

Drinking Water Research Group Study – A Canadian study was performed on the effects of various concentrations of ClO₂ (chlorine dioxide) on clothing, was published in August 2000 and is included in Appendix 3. Dark clothing was used and no discoloration of clothing occurred through ClO₂ concentrations from 0.06-0.66 mg/L. However, at concentrations between 0.8-1.0 mg/L, two out of eight clothing samples showed evidence of splotching. As shown in Appendix 3, concentrations of ClO₂ do not exceed 0.60 mg/L at the Water Treatment Plant Tap and are typically much less in concentration in the distribution system.

Burgess & Niple Study – Part 1 and Part 2–Burgess & Niple (B&N) reported that it took concentrations at levels of nearly twenty times the Plant Tap strength of ClO₂ to produce bleaching on fabrics they tested in September 2000. This confirmed that the plant water was unlikely to be the cause unless “plugs” of bleach escaped the plant – a highly unlikely occurrence. It was suggested that laundry products in combination with the water may be the cause or laundry products alone may be the source of bleaching. Other than verifying that the ClO₂ concentrations had to be much higher than the Plant Tap concentration, there was nothing else conclusive.

An additional theory was proposed in the January 2002 letter report that suggested aeration that occurs from top loading washers could cause free chlorine to come out of solution and then being trapped under the washing machine lid, potentially splotching any protruding fabric. This theory was put forth without any supporting evidence and no subsequent evaluation or analysis was performed to support this theory.

The B&N report is included in Appendix 4.

Vulcan Memo – This chemical manufacturer documented in April 2002 that the bleaching effect on denim does not occur until ClO₂ concentrations are 3 mg/L or greater, which concentrations are multiples greater than the distribution levels. This letter report can be found in Appendix 5.

Nazarene College Study – Two chemistry students from the local Nazarene College worked with City staff to perform bleaching tests on hunter green bath towels at various concentrations of ClO_2 in May 2002. They reported no bleaching until concentrations reached 3.0 mg/L and concluded that the concentration would have to be eight times the maximum plant concentrations of ClO_2 for bleaching to occur. This report is included in Appendix 6.

Potable Water Analytical Report – A test for metals and volatile compounds was performed on water samples taken February 5, 2003 at 1550 Old Delaware Road of the potable water. As shown in Appendix 7, no concentrations exceeded the reporting threshold limit.

Spotting Problem Scans and Comparisons – In May and August 2003, grab samples of City water were taken at different locations to be analyzed for semivolatile and volatile organics. The sampling locations varied and included a personal residence outside the City, a City raw water well, the Plant Tap and a raw water sample from the City of Fredericktown. The purpose of this testing was to compare City of Mount Vernon water to other community waters. All results were well below reporting threshold limits and further analysis in an attempt to identify other unusual characteristics typically unreported revealed nothing. Appendix 8 includes this data.

Proctor & Gamble (P&G) and Water Plant Tap Study – Proctor and Gamble conducted product (fabric) testing on damaged clothing from residents to determine if this could be a possible source as reported in correspondence dated from May 2002 through November 2003. At their request, the City also analyzed samples from the water Plant Tap in November 2003.

Bleach was eliminated as the problem as microscopy revealed no damage to the fabric integrity. Fabric brightener was also eliminated as a cause due to its deposition methodology rather than “stripping” dye from fabric. Sulfur dye testing revealed that damaged clothes from residents did not have clothing made with sulfur dyes which could produce a bleaching effect by a reducing agent. There was nothing in the analysis of the Plant Tap water that raised any concern to the P&G chemists. This report is in Appendix 9.

OEPA Letter – A November 25, 2003 letter from the Ohio EPA recognized the concern of a number of residents about the color spotting problems but went on to affirm that City water quality meets or exceeds regulatory standards. This letter is located in Appendix 10.

Colored Rag Test – In March 2004, test results for a blue rag, a mauve rag and a green rag were conducted to determine if there were any volatile compounds, base neutral compounds or acid compounds in them that were above reportable limits. None were found that would provide any reason for reactivity in the fabrics to cause bleaching. These test results are provided in Appendix 11.

General Information – Various articles and items of interest from newspaper columns to website resources have been collected in relation to this problem. These have suggested various causes of splotching including the use of household laundry detergents and laundry aids. Information from manufacturers would indicate that their products are designed to perform over the typical ranges for alkalinity and pH experienced in typical household waters. There is nothing to suggest from the water samples collected or the products tested that there is a splotching effect due to the chemistry between the water and the laundry aids.

It has also been suggested that fabric characteristics have been changing, possibly causing materials to be less colorfast. EPA regulations have also been named as a possible culprit because of limiting the number of rinses dyed fabric is allowed to receive in the manufacturing process and therefore having clothes “fade” more quickly. Anyone of these could be a partial reason for some splotching effect, but none explain the pervasive nature experienced by City residents. A collection of some of these items is included in Appendix 12.

III. Matrix of Theories

In order to determine the validity of some of the theories proposed, a matrix outlining the theories disproved or still viable are summarized as follows. The classification of “still viable” does not imply an affirmation that the theory is valid, only that there may be a possible connection.

Matrix of Theories			
Theory	Not Viable	Still Viable	Comment
Older piping and plumbing materials may be contributing factors		√	Locations of complaints generally occurred in older neighborhoods (even when considering the relative density of housing), and fewer in outlying “newer” areas
Oxidizable substances in water system	√		July 2000 analyses

Matrix of Theories			
Theory	Not Viable	Still Viable	Comment
Chlorine Dioxide	√		Canadian study, B&N study, Nazarene College study all indicated that bleaching occurs at much higher concentrations of ClO ₂ than is found in potable water
Metals, volatile and semivolatile organics may react with laundry products or tap water	√		None of the levels exceed threshold reporting limits
Bleach or fabric brightener may react with potable water	√		P&G Study verified this is not the case
Clothing contained sulfur dyes or fabrics not as colorfast due to overseas production methods		√	Although none of the samples P&G tested had sulfur dyes, some clothing damaged may have sulfur dyes and be a partial explanation for some splotching; also, insufficient colorfastness of some clothing cannot be totally ruled out

IV. Observations from Surveys

In review of the surveys collected by the City, some very general observations may be made, but caution must be exercised before drawing any conclusions. The surveys are in response to spotting incidents and are subject to the interpretation of events by the homeowner. However, the following are a few generalizations.

- Affected homes tend to be older homes – more than 20 years in age and most in the 80 to 100+ age category
- Copper plumbing predominant with some galvanized; very little plastic plumbing
- Dark and cotton (or high cotton content) clothing seem to be the most affected; synthetic material does not appear to be impacted by splotching
- Not every clothing item affected in a wash
- Water temperature does not seem to make a difference
- Many claim a strong chlorine odor at times

- At least two incidences were claimed of spotting on clothes in a sink under a dripping faucet

V. Identified Analyses Gaps

In reviewing the studies and the surveys, there are a few things that have either not been examined or may need further analysis. The following are for consideration.

Examination of the Piping Materials of the Distribution System – The focal point of the complaints appears to center around the historic downtown of Mount Vernon which is generally served by a series of four-inch and six-inch diameter distribution piping. By the age of the homes, many of which are over one hundred years old, it is probable that much of this pipe is sand cast iron or cast iron and very likely unlined. The condition of the pipe walls may be very different than the newer portions of the system which have lined piping. The same may be true of the service connections which may be of other materials no longer used such as galvanized piping. It is recommended that coupons of the distribution system piping and service connections be examined in representative areas to determine the condition of the piping and then have tubercles from the coupons analyzed for content. East Vine Street was one potential area mentioned for this materials testing. A galvanized piping service lateral is suggested for testing. It may be possible to obtain the service lateral material sample from inside a customer's home.

Review of Water Treatment Plant Stability – What may be considered “stable” and not causing corrosive issues in lined or PVC piping may be slightly corrosive and attack unlined piping. In addition to examining the softening and recarbonation targets at the water treatment plant to determine relative stability, it is also recommended that an Alkalinity Profile be developed. One profile should be in the historic areas with sampling from the four and six-inch diameter distribution system piping and one or two other Alkalinity Profiles should be developed simultaneously in an area of town where there has not been the laundry spotting problems. If the alkalinity increases, this would be an indication that the pipe wall is having CaCO_3 removed (corrosive) which could release localized mineral deposits. If the alkalinity decreases, then the water is in a scale forming mode (non-corrosive).

VI. Recommendations

There is no apparent solution to the laundry splotching problem since the cause(s) has yet to be identified. However, to narrow the knowledge gap about this issue and possibly get to the answer, there are some additional evaluations recommended as follows.

Examine Piping Materials in Historic Area – It is recommended that coupons of the distribution piping and service connections be examined from representative areas to determine the condition of the piping and have tubercles from the coupons analyzed for content.

Review Stability of Water – Examine the treatment plant targets used to maintain stability and perform an Alkalinity Profile in both the historic area of town and in an area that has not had laundry splotching complaints.



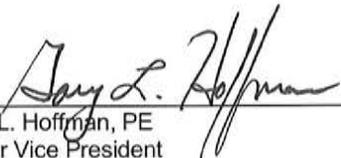
Mount Vernon

Mount Vernon, Ohio

Laundry Color Wash Study: Phase II – Distribution System

April 14, 2009

ARCADIS



Gary L. Hoffman, PE
Senior Vice President

**Laundry Color Wash
Study: Phase II –
Distribution System**

Prepared for:
Mount Vernon, Ohio

Prepared by:
ARCADIS
520 South Main Street
Suite 2400
Akron
Ohio 44311-1010
Tel 330.434.1995
Fax 330.374.1095

Our Ref.:
CL000624.R001

Date:
April 14, 2009



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I. Introduction

For over 18 years, customers of the Mount Vernon water system have registered complaints of spotting on clothing after performing laundry. The first recorded complaint of this nature was June 12, 1990. The City has invested significant resources through a number of studies conducted to determine the cause of these incidences. Initially, it was speculated that the use of chlorine dioxide as the disinfection agent at the water treatment plant may have been the cause. This spotting has been generally characterized as "spotching" and typically occurs on dark clothing. However, a final conclusion reached in the Phase I Laundry Study ruled out chlorine dioxide as the cause.



Figure 1 – Faded areas on garment typical of the "spotching" effect

This Phase I Laundry Color Wash Study completed in 2008 was a technical review of the previous efforts to resolve this problem. A summary of the results of these efforts was reviewed and then compiled to develop a matrix of possible sources of this spotching. The matrix illustrated whether the analysis used to determine the spotching disproved or left unanswered a theory for the color spotting. In addition, some general

observations were made from the summary results that assessed the need for additional testing or identified gaps in the data.

The objective for the Phase II Study was to determine if the water system was the source of the problem. Identified gaps where an issue had not been previously examined or that may need further analysis included two areas concerning the water distribution system. The first is an examination of water system piping materials and the second is a review of water stability.

This Phase II Laundry Color Wash Study is intended to evaluate and address these two distribution system areas.



Figure 2 – Shirt displays multiple areas of the "splotching"

II. Piping Materials

The focus of water system piping materials concerns corrosion. The control of corrosion is an important task of system operation. Piping systems are deteriorated by corrosion from contact with water. If water has inadequate alkalinity buffer, the water can seek to satisfy the alkalinity demand by absorbing it from the pipe walls. This can result in corrosive action on the pipe. Corrosion results in materials such as lead, copper, iron and zinc being introduced into the water. These chemicals may be harmful to the public, create odors (iron bacteria) or cause staining of fixtures.

Distribution system piping materials used over the last half century have typically included cement lining in the case of ductile iron pipe or the use of plastic piping. Earlier piping systems were typically comprised of cast iron and/or ductile iron pipe which were unlined thereby having the metal piping directly in contact with the water.

Although reports of splotching have been in a widespread geographical area of residents on the system and of persons outside the system on private wells, a number of the complaints appear concentrated in the older, historic areas of the City. A review of this area was done because the population density is greater and it is also the portion of the system served primarily by sand cast iron and galvanized materials for main lines and service connections, respectively. The old piping system would likely be unlined, leading to the theory that these areas may experience corrosion and therefore impact water quality from the release of materials that may contribute to splotching. Both a section of old, unlined cast iron water main and a galvanized service connection were tested for evidence of corrosion and/or coating (scale) formation.

A portion of an unlined, 6-inch diameter water line on Vine Street at the intersection with Park Street was removed by the City and the scale material on the pipe wall tested for calcium, iron, magnesium and manganese. Testing was performed in May 2008 and Appendix A contains the laboratory results.

A portion of a ¾-inch diameter galvanized service connection on East High Street was removed by the City and the scale material on the pipe wall tested for calcium, iron, magnesium and manganese. Testing was performed in November 2008 and Appendix A contains the laboratory results.

A summary of the test results is provided in the table below.

Pipe Materials Coating Contents		
Chemical	Water Line	Service Connection
Calcium	20,800 mg/Kg-dry	17,700 mg/Kg-dry
Iron	128,000 mg/Kg-dry	149,000 mg/Kg-dry
Magnesium	21,300 mg/Kg-dry	14,500 mg/Kg-dry
Manganese	860 mg/Kg-dry	434 mg/Kg-dry

In review of this data it is observed that there is relative consistency between the proportion of chemical constituents from the two pipe samples tested. Each shows a higher iron content in comparison to the other chemicals. Also, both indicate similar proportions of calcium and magnesium in the coating and very low levels of manganese. The iron content of approximately 13-15% is higher than anticipated but probably reflects the original conditions in the system before lime softening was implemented. The expectation was the highest material content to be calcium if a typical coating (scale-formation) was in place.

Perhaps an explanation of this is that prior to the City beginning to soften their water and removing iron in 1936, a film of iron developed on the pipe walls. This iron deposition remained long after a calcium coating has been formed over top of the iron from the lime softening process. The iron level from the past does not mean corrosion is occurring in the system. In general, the calcium carbonate covers the iron except on the rare occasions when there may be a pipe break or disruption in service that may expose the iron surface in the pipe.

III. Water Stability

Most precipitative softening plants produce water that is slightly over-saturated with calcium bicarbonate (CaCO_3) and therefore deposit a slight amount of coating onto the piping system. It is preferred to gradually coat or encrust a distribution system as opposed to corroding the piping system. What needs to be avoided is water which is under-saturated or that is over-saturated with calcium carbonate. The former will cause corrosion in the system and the latter will tend to create extreme scaling problems.

There is no indication from available records that the water leaving the plant is corrosive or unstable. Laboratory testing reports the water quality to be very high and well within compliance of standards.

The distribution system was examined to see if there were any reactions taking place in the water once it left the treatment plant that could affect the calcium carbonate levels in the water, particularly in areas with old, unlined pipe materials. Since alkalinity and pH affect the rate of chemical reactions in water, they influence the rate of corrosion. A water is typically less corrosive at higher alkalinity and pH levels. Typical pH values range between 7-10 for public water supplies. This measurement is an indication whether a water may tend to be more corrosive in nature (less than 7) or more likely to deposit harmless scale at higher levels (greater than 7). Standard units for pH are often referred to as "SU" when measured.

An analysis of plant water (Plant Tap) was recommended to be performed along with an Alkalinity Profile. This was done to review alkalinity and pH levels leaving the plant and to see if levels increased in the distribution system thereby perhaps indicating corrosion. As noted earlier, corrosion could potentially lead to the release of local mineral deposits which could then create conditions for splotching.

Before analyzing the data it is important to understand that corrosivity and stability are not the same. Water can be stable while at the same time corrosive depending on system conditions. In turn, stable water leaving a water treatment plant may be corrosive in the system.

The City performed Plant Tap pH and alkalinity testing in August 2008. This data is provided in Appendix B. A discussion of the results follows.

The Plant Tap data was initially evaluated for the two and one-half days provided by the City. A graph was developed for the pH data and is included in Appendix B. The pH data shows a very consistent level of approximately 9.0 SU with little variation

throughout the course of a day as well as between days. The pH value of 9.0 SU is reasonable and the consistency of pH is an indication that the City is very efficient in managing chemical usage to accomplish target softening goals without wasting lime. It would also suggest that some scale is forming in the system but not to a significant degree. This is a desirable condition.

The Plant Tap data for alkalinity was evaluated for the same period. A graph was also developed for the alkalinity data and is included in Appendix B. Alkalinity consistently ran at approximately 70 mg/l CaCO on August 26th and through the morning of August 27th. The afternoon and evening on August 27th showed a noticeable rise in alkalinity from approximately 70 mg/l CaCO to 85 mg/l CaCO. Over the course of the morning on the following day, August 28th, the alkalinity began to lower. It appears that the water leaving the plant is stable and therefore a slight coating of the distribution system should be occurring.

Regarding the increase in alkalinity noted in the previous paragraph, the pH remained unchanged during this increase in alkalinity on the afternoon of August 27th. Checking with plant personnel, it was discovered that a load of lime disrupted operations at the plant that day. During that time the system is shut down, which apparently caused a spike in alkalinity with no recarbonation occurring.

Also provided in Appendix B is the Alkalinity Profile data for two areas of the City. One area (Rogers/Braddock) was tested on August 27th and represents a newer system area, installed after 1970. The other (Chestnut) was tested on August 28th and represents an older system area. Graphs of these profiles were developed and are included in Appendix B.

For the Rogers/Braddock area, the pH maintains at 9.0 SU with a slight drop between the 3rd and 4th data points. This drop corresponds to a drop in alkalinity which ranged from approximately 70-75 mg/l CaCO. However, there is no consistent pattern to suggest a gradual reduction in alkalinity as water moves through the system in this area. Also, the sampled points do not represent water moving through the system as they are from different connection points along the Pleasant Street and Coshocton Avenue water mains.

For the Chestnut area, the pH and alkalinity show a gradual increase over the initial three data points as water moves through the system from west to east, with a subsequent leveling. The alkalinity in this area ranged from 75-78 mg/l CaCO which is higher than that recorded in the Rogers/Braddock area.

For the minor variations in pH and alkalinity values measured in the system, a general observation may be made that the distribution reflects the plant consistency of water quality without any distinct departures in the parameters. This would imply a relatively stable system and there is no evidence to conclude that the distribution system experiences any water quality conditions that would lead to splotching.

IV. Summary

The Phase I Study clearly eliminated chlorine dioxide addition at the water treatment plant as being the cause of splotching. It did not rule out defective fabric materials with unstable dyes in the clothing that was damaged. The objective of the Phase II Study was to see if distribution system issues of piping materials and/or water stability could be contributing to conditions for splotching to occur.

In review and evaluation of the piping materials, there is no evidence to suggest old pipe materials are corroding due to unstable water which could possibly lead to release of mineral deposits from piping. The release of these materials was a theory of what may cause the splotching problems, but this has been ruled out. In addition, mineral releases that stain generally show up as distinct spots and not as bleached or faded areas as shown in the clothing samples illustrated in Figure 1 and Figure 2.

In review and analysis of the plant water stability data and Alkalinity Profiles, it is evident that the City is producing consistently stable water in compliance with Ohio EPA standards. This allows for a coating of the distribution system to some extent.

The water treatment plant nor the distribution system provide any evidence that the water quality is associated with the splotching of garments.

The conclusion to the laundry color wash study points to the clothing itself as the cause of the splotching. Sub-standard dyes and dyeing methods can lead to a faded or bleached appearance of garments when washed. The more common occurrence of clothing with unstable sulfur dyes and fabrics not as colorfast as expected due to overseas production methods are the most likely source of the splotching problems.

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Appendix A

Piping Materials Testing Results

Stantec Consulting Services, Inc.

Date: 27-May-08

CLIENT: Mt. Vernon WWTP
Lab Order: 0805119
Project:
Lab ID: 0805119-001A

Client Sample ID: VINE ST WATER MAIN
Tag Number:
Collection Date: 5/8/2008 2:30:00 PM
Matrix: SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS, TOTAL		6010B				Analyst: JP
Calcium	20800	5.00		mg/Kg-dry	1	5/20/2008
Iron	128000	0.500		mg/Kg-dry	1	5/16/2008
Magnesium	21300	6.00		mg/Kg-dry	1	5/20/2008
Manganese	860	0.500		mg/Kg-dry	1	5/16/2008

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area response
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	X	Value exceeds Maximum Contaminant Level		

CLIENT:	Mt. Vernon WWTP	Client Sample ID:	405 EAST HIGH
Lab Order:	0810180	Tag Number:	
Project:		Collection Date:	10/2/2008
Lab ID:	0810180-005A	Matrix:	SOLID

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS, TOTAL		6010B		SW3050A		Analyst: JP
Calcium	17700	5.00		mg/Kg-dry	1	10/29/2008
Iron	149000	500		mg/Kg-dry	1	10/24/2008
Magnesium	14500	6.00		mg/Kg-dry	1	10/29/2008
Manganese	434	5.00		mg/Kg-dry	1	10/24/2008

Qualifiers:

B	Analyte detected in the associated Method Blank	M	Manual Integration used to determine area response
H	Holding times for preparation or analysis exceeded	S	Spike Recovery outside accepted recover limits
ND	Not Detected at the Reporting Limit		
X	Value exceeds Maximum Contaminant Level		
E	Value above quantitation range		



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Appendix B

Alkalinity and pH Data
and Graphs



CITY OF MOUNT VERNON DISTRIBUTION ALKALINITY STUDY

ROGERS/BRADDOCK AREA

Address	8-27-08	1300-1400 hrs	PH	Alkalinity	Data Point
104 Rogers Street			9.01	73	#1
302 Rogers Street			8.98	73	#2
104 Ringgold Street			9.01	74	#3
401 Braddock Street			8.91	71	#4
605 Braddock Street			8.97	71	#5

CHESTNUT AREA

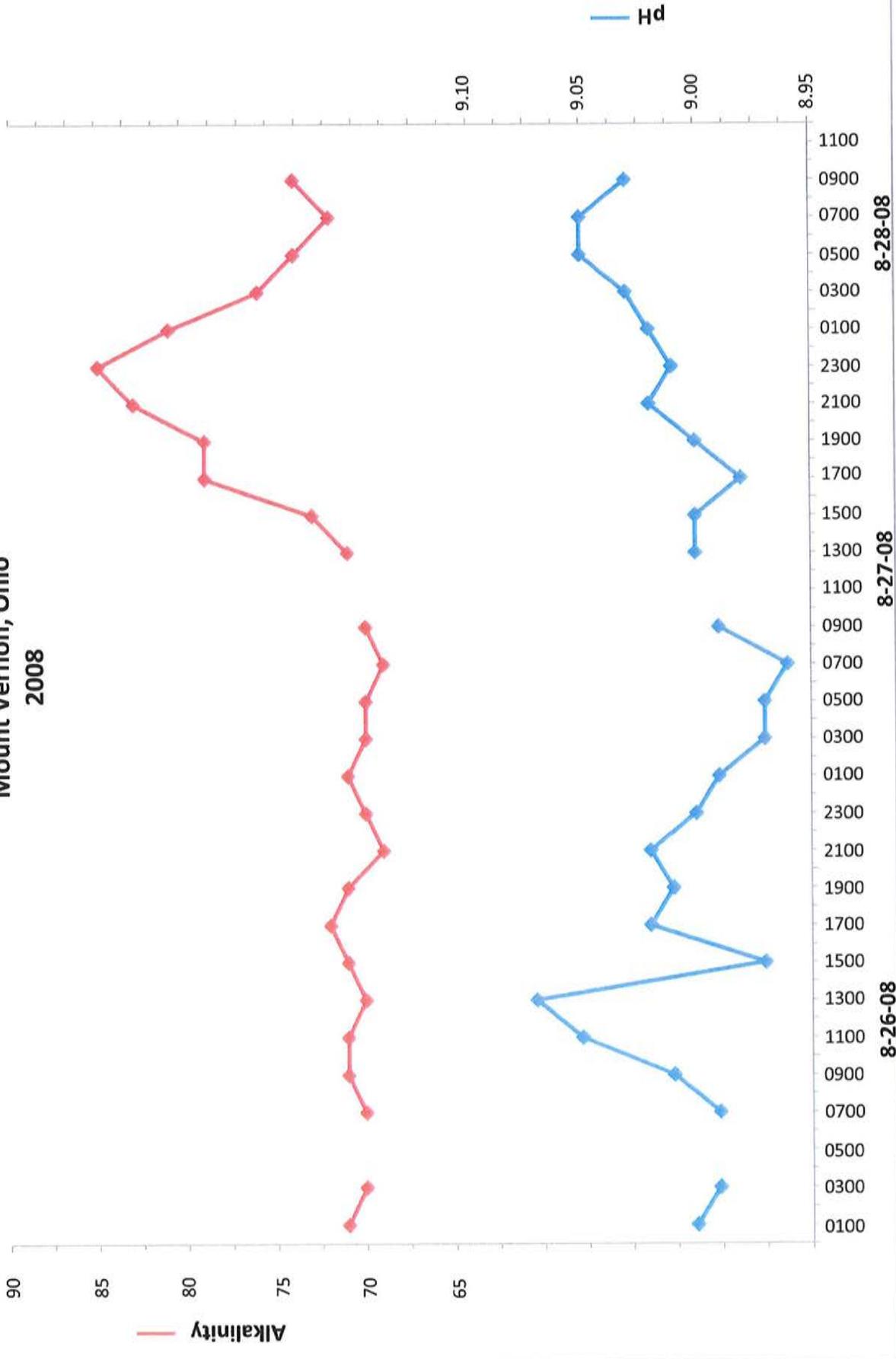
Address	8-28-08	1000-1045 hrs	PH	Alkalinity	Data Point
400 West Chestnut St			8.91	75	#1
5 North Gay Street			8.94	76	#2
304 East Chestnut Street			9.00	78	#3
600 ½ East Chestnut Street			8.98	77	#4
705 East Chestnut			8.99	78	#5

PLANT TAP

8-26-08				8-27-08		
	PH	Alkalinity			PH	Alkalinity
0100	9.00	71		0100	8.99	71
0300	8.99	70		0300	8.97	70
0500	X	X		0500	8.97	70
0700	8.99	70		0700	8.96	69
0900	9.01	71		0900	8.99	70
1100	9.05	71		1100	X	X
1300	9.07	70		1300	9.00	71
1500	8.97	71		1500	9.00	73
1700	9.02	72		1700	8.98	79
1900	9.01	71		1900	9.00	79
2100	9.02	69		2100	9.02	83
2300	9.00	70		2300	9.01	85

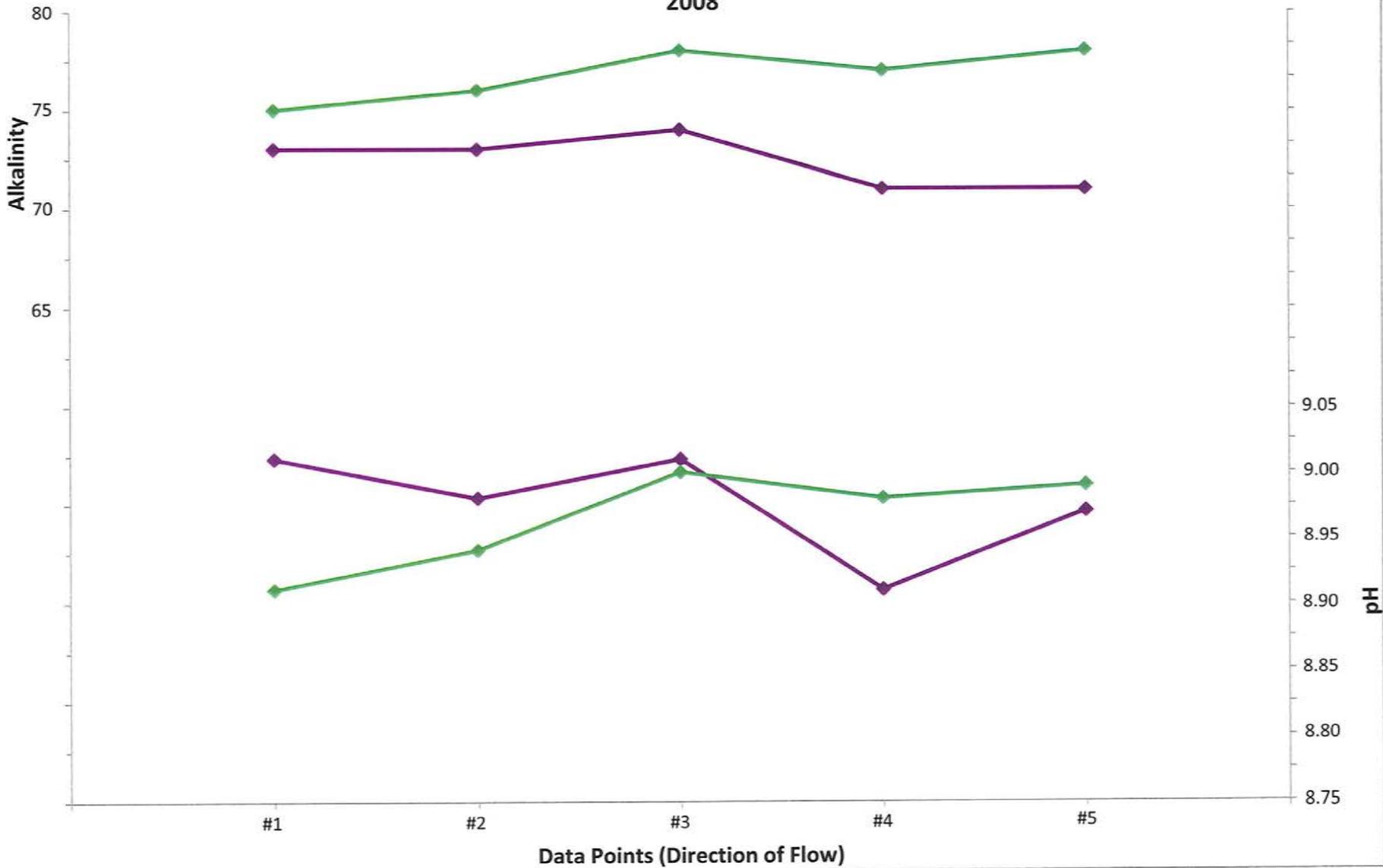
8-28-08	PH	Alkalinity
0100	9.02	81
0300	9.03	76
0500	9.05	74
0700	9.05	72
0900	9.03	74
1100		
1300		
1500		
1700		
1900		
2100		
2300		

Plant Tap
Alkalinity / pH Data
Mount Vernon, Ohio
2008



Alkalinity / pH
Profiles
Mount Vernon, Ohio
2008

Chestnut Area — green line
Rogers/Braddock Area — purple line



DEFERRED INCOME TAXES
ATTACHMENT “6”

Pluris Wedgefield, Inc.
12/31/2016

Country: United States

3.0 - DEFERRED TAX ROLLFORWARD

	Gross Deferred Pool 12/31/2015 DTA <DTL>	Tax Return 12/31/2015 True-up	Correction/ True - Up	FL Audit Adjustment	Adjusted 12/31/2015 Balance	Profit & Loss Activity	NOL Utilization	Adjusted 12/31/2016 Balance
Contribution in Aid of Construction	3,717,142	5.0	-	-	3,717,142	1.0 (201,300)	-	3,515,842
Bad Debt Reserve	6,762	-	-	-	6,762	(5,956)	-	806
Prepaid Insurance Expense	-	-	-	-	-	-	-	-
Deferred Rate Case Expense	(33,450)	-	-	-	(33,450)	22,856	-	(10,594)
Depreciation	(2,838,931)	(219,131)	-	-	(3,058,062)	(474,596)	-	(3,532,658)
Amortization of Intangibles	9,718	(1)	-	-	9,717	(1,124)	-	8,593
Gain/Loss on Sale of Assets	-	-	-	-	-	-	-	-
Charitable Contributions	-	-	-	-	-	-	-	-
Account 9	-	-	-	-	-	-	-	-
Account 10	-	-	-	-	-	-	-	-
Account 11	-	-	-	-	-	-	-	-
Account 12	-	-	-	-	-	-	-	-
Account 13	-	-	-	-	-	-	-	-
Account 14	-	-	-	-	-	-	-	-
Account 15	-	-	-	-	-	-	-	-
Account 16	-	-	-	-	-	-	-	-
Account 17	-	-	-	-	-	-	-	-
Account 18	-	-	-	-	-	-	-	-
Account 19	-	-	-	-	-	-	-	-
Account 20	-	-	-	-	-	-	-	-
Account 21	-	-	-	-	-	-	-	-
Account 22	-	-	-	-	-	-	-	-
Account 23	-	-	-	-	-	-	-	-
Account 24	-	-	-	-	-	-	-	-
Account 25	-	-	-	-	-	-	-	-
Account 26	-	-	-	-	-	-	-	-
Account 27	-	-	-	-	-	-	-	-
Account 28	-	-	-	-	-	-	-	-
Federal Benefit of state taxes	(62,449)	10,445	-	(2,320)	(54,324)	990	-	(53,334)
	798,792	(208,687)	-	(2,320)	587,785	(659,131)	-	(71,346)
R&D Credit	-	-	-	-	-	-	-	-
AMT Credit	-	-	-	-	-	-	-	-
NOL carryforward	-	-	-	-	-	1.0 641,242	(641,242)	-
Less NOLs resulting from APIC Items	-	-	-	-	-	-	-	-
Less: valuation allowance	-	-	-	-	-	-	-	-
	798,792	(208,687)	-	(2,320)	587,785	(17,889)	(641,242)	(71,346)
Federal Rate	34%	34%	34%	34%	34%	34%	34%	34%
Tax Effected Federal DTA (DTL)	271,589	(70,953)	-	(789)	199,847	(6,082)	(218,022)	(24,258)
Valuation Allowance	-	-	-	-	-	-	-	-
State Deferreds	1,135,430	(189,914)	-	42,190	987,706	(296,520)	-	691,186
Less NOLs resulting from APIC Items	-	-	-	-	-	-	-	-
State NOLs	-	-	-	-	-	1.20 278,521	-	278,521
Total State Deferreds	1,135,430	(189,914)	-	42,190	987,706	(17,999)	-	969,707
State Rate	5.50%	5.50%	5.50%	5.50%	5.50%	5.50%	5.50%	5.50%
Tax Effected State DTA (DTL)	62,449	(10,445)	-	2,320	54,324	(990)	-	53,334
Total Tax Effected DTA (DTL)	334,038	(81,399)	-	1,531	254,171	(7,072)	(218,022)	29,076

Sum of 1's = 16,816 (see circled amount on next page)

This is the ADIT balance as reported on MFR Schedule No. 11.

NOTES:

Per 1.0	(660,121)	-
Check	990	-
Federal Benefit of State Taxes	990	Net Valuation Allowance
ULD	0	-
		Per Tax Accounts
		Check
		29,076
		(0)

State Deferred Balance Check Figure

Federal Deferred Balance before benefit of state	642,109	(18,012)
Add: DTA for Bonus addback for Florida	345,597	709,198

Pluris Wedgefield, Inc.

Form 1120

Fixed Asset Rollforward

6.0 - Wedgefield Fixed Assets

Book Basis (enter as positive)	PY	Book Cost	current year				Book Cost
		Prior Year	Additions	Deletions	Transfers	Adjustments	12/31/2016
Utility Plant Asset		16,539,344	6.01 2,228,889	(224,489)	512,765		19,056,509
Land & Land Rights		5,407					5,407
Organization		-					-
Franchises		-					-
Construction Work in Progress		512,765			(512,765)		-
CIAC		(5,684,132)	1.05 (1,259,743)				(6,943,875)
TOTALS	(A)	11,373,384	969,146	(224,489)	-	-	12,118,041

	per TB	difference
Utility Plant Asset	8.1 19,061,917	(5,408)
Land & Land Rights		5,407
Organization		-
Franchises		-
Construction Work in Progress		-
CIAC	8.1 (6,943,874)	(1)
TOTALS	12,118,042	(2)

- Agrees to PBC FA Rollforward

Book Accum (enter as negative)	PY	Book Accum	current year				Book Accum
		Prior Year	CY Depr	Deletions	Transfers	Adjustments	12/31/2016
Utility Plant Asset		(8,944,876)	6.01 (589,639)	224,489			(9,310,026)
Land & Land Rights		-					-
Organization		-					-
Franchises		-					-
Construction Work in Progress		-					-
CIAC		3,089,118	201,300				3,290,418
TOTALS	(B)	(5,855,758)	(388,338) ①	224,489	-	-	(6,019,607)

	per TB	difference
Utility Plant Asset	8.1 (9,310,026)	1
Land & Land Rights		-
Organization		-
Franchises		-
Construction Work in Progress		-
CIAC	8.1 3,290,418	0
TOTALS	(6,019,608)	1

- Agrees to PBC FA Rollforward

NET BOOK BASIS ((A) + (B))	(1)	5,517,626	580,807	- ③	-	-	6,098,433
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Tax Basis (enter as positive)	PY	Prior Year	current year				Tax Cost
		Tax Balance	Additions	Deletions	Transfers	Adjustments	12/31/2016
Water and Sewer Assets		8,329,694	969,146	(224,489)	512,765	A	9,587,116
Autos		22,377					22,377
Land		100,928					100,928
Construction Work in Progress		512,765			(512,765)		-
TAX Capitalized Costs 5		-					-
TOTAL	(C)	8,965,764	969,146	(224,489)	-	-	9,710,421

	per support	difference
Water and Sewer Assets	B 9,710,422	-
Autos		-
Land		-
Construction Work in Progress		-
TAX Capitalized Costs 5		-
TOTAL	9,710,422	-

Not Tracked in FA software

Tax Accum (enter as negative)	PY	Tax Accum	current year				Tax Accum
		Prior Year	CY Depr	Deletions	Transfers	Adjustments	12/31/2016
Water and Sewer Assets		(2,773,282) ①	(1,064,235)	224,489	C		(3,613,028)
Autos		(15,776)					(15,776)
Land		-					-
Construction Work in Progress		-					-
TAX Capitalized Costs 5		-					-
TOTAL	(D)	(2,789,058) D	(1,064,235) ②	224,489	-	-	(3,628,804)

	per support	difference
Water and Sewer Assets	E (3,628,804)	-
Autos		-
Land		-
Construction Work in Progress		-
TAX Capitalized Costs 5		-
TOTAL	(3,628,804)	-

Not Tracked in FA software

NET TAX BASIS ((C) + (D))	(2)	6,176,706	(95,089)	- ④	-	-	6,081,617
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DIFFERENCE ((1) - (2))		659,080 3.0	(675,896)	-	-	-	(16,816)
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This is the net temporary difference between our book basis and our tax basis as of 12/31/2016.

Balance Sheet Proof:		
per TB depreciation expense difference	8.1	(589,639)

AMT Adjustment:		
AMT depreciation and G/L (enter positive)		1,064,235
AMT Adjustment		-

	Depreciation Difference	Gain/Loss Difference
Book amount	① (589,639)	1.05 ③ -
Tax amount	② (1,064,235)	④ -
Total difference	(474,596)	-

Note: AMT depreciation is equal to regular depreciation expense as all assets are either depreciated on a straight-line basis, or bonus was taken on them.



FLURIS WEDGEFIELD, INC.

2015 Depreciation Projections

Description of Property													
GENERAL DEPRECIATION AND AMORTIZATION													
TAX YEAR 2016													
Tax Depreciation													
AMT Depreciation													
Asset description	Date placed in service	Basis for depreciation	ACRS class	MA CRS class	Method	Life	Accumulated depreciation	Current-year depreciation	Basis for depreciation	Method	Life	Accumulated depreciation	Current-year depreciation
TOTALS		7,452,921.					1,934,726.	293,641.	8,453,000.			358,927.	7,131.

PY depreciable Basis ② 7,452,921
 PY Bonus PYTR 1,000,079
 CY Adds A 1,481,911
 CY Disposals L (224,489)
 Total Basis 9,710,422 B

Depreciation on PY Adds ③ 293,641
 Bonus on CY Adds 740,955
 Depreciation ON CY Adds 29,638.21
 Total Depreciation 1,064,235 ①
 CY Disposals C (224,489)
 PY Accum D 2,789,058
 CY Ending Accum 3,628,804 E

1,481,911 Current Year Adds
 x 50%
 740,955 Bonus Depreciation on Current Year Adds
 +293,641 Depreciation on Prior Year Adds
 + 29,638 Depreciation on Current Year Adds
 1,064,235 Total Depreciation (ties to tax depreciation on page 2)





Depreciation adj./pref.