



## DEPARTMENT OF THE NAVY

NAVAL SURFACE WARFARE CENTER  
CRANE DIVISION  
300 HIGHWAY 361  
CRANE INDIANA 47522-5001

N REPLY REFER TO:

5090  
Ser 1023/092  
27 SEP 2021

Jamie Paulin (LR-17J)  
United State Environmental Protection Agency  
Region 5  
77 West Jackson Boulevard  
Chicago, IL 60604-3590

Dear Ms. Paulin:

SUBJECT: SUPPLEMENTAL ENVIRONMENTAL PROJECT COMPLETION REPORT

Naval Surface Warfare Center, Crane Division is submitting this letter to the United States Environmental Protection Agency as the completion report for the Consent Agreement and Final Order (CAFO), Docket Number RCRA-05-2018-0021. As previously reported, the purchase and installation of three pH meters has been completed as agreed upon in the CAFO. The meters were installed on October 31, 2018 at Lift Station 20 and at the East and West Leg manholes of the sanitary sewer system. The meters are connected to the Supervisory Control and Data Acquisition (SCADA) monitoring system at the Naval Support Activity Crane Wastewater Treatment Facility.

The following information is submitted as the completion report of the CAFO:

1. The Supplemental Environmental Project (SEP) was implemented in response to the CAFO requirements. Three new pH meters were purchased and installed for monitoring within the sanitary sewer system. A pH meter was installed within the waste streams from Lift Station #20 and the East and West Leg Manholes that lead to the onsite Wastewater Treatment Plant. Data output of the pH meters was linked to the SCADA system for continuous monitoring at each location. The final cost for labor and materials for the SEP is \$34,184.43, exceeding the requirement of at least \$28,400.00.

2. There were no operating problems or corrective actions needed during the length of the SEP.

3. Itemized costs of goods and services is included as Enclosure (1).

4. Reports submitted throughout the length of the project include the initial notice that the meters were installed, a summary of costs associated with the meters, and first, second, and third anniversary reports.

5. Environmental and public benefits resulting from this SEP are as follows:

a. On September 9, 2019, a decrease in pH values at Lift Station 20 required immediate response. Notification was given to the tenants discharging acidic wastewater and an upset to the Wastewater Treatment Facility was avoided due to the advanced notice.

b. Evaluation of the SEP helped determine that the low level alarms for pH monitoring were not working properly. When the September 9, 2019 low pH incident occurred, the pH level was discovered during a review of the influent pH historical data on the SCADA system. After further investigation, it was determined that the programmed alarms did not send out notification as they were programmed to do.

6. The pH meters will remain in place for continuous monitoring, although no longer required by the CAFO.

If you require any further information, my point of contact is Brandy Ranard at 812-854-3382, email brandy.ranard@navy.mil, or FAX 812-854-4177.

Sincerely

JOHNSON.DOUGL  
AS.G.1096383742

Digitally signed by  
JOHNSON.DOUGLAS.G.109638  
3742  
Date: 2021.09.27 09:23:17 -04'00'

DOUGLAS G. JOHNSON  
Acting Environmental Protection Mgr  
By direction of the  
Commanding Officer

Enclosure: 1. Itemized Costs

Copy to:  
NSWC OOL (A. Sebastian)

Items Redacted on page 1 for Potential CBI

GOVERNMENT FINANCIAL SYSTEM OF PAYMENT to Control Freaks Consulting, LLC						Control Freaks Consulting, LLC Invoices			
Task Item	Description	Transaction Type	Store	Quantity	PO	GL Debit Account	Line Cost	Invoice Number	Cost
6685LLL150128	[REDACTED]	ISSUE		1	1497492	[REDACTED]	\$ 1,020.18	166Inv-P560025409	\$ 6,093.22
4610LLL162953	[REDACTED]	ISSUE		1	1497492	[REDACTED]	\$ 1,899.49	167-Inv-P560025408	\$ 8,784.86
6640LLL120012	[REDACTED]	ISSUE		1	1497492	[REDACTED]	\$ 2,853.69	168Inv-P560025406	\$ 8,784.86
6110LLL131927	[REDACTED]	ISSUE		1	1497492	[REDACTED]	\$ 586.53	169Inv-PhL-S20	\$ 2,490.00
6117LL0178858	[REDACTED]	ISSUE		1	1497494	[REDACTED]	\$ 921.27	170Inv-PhEastMain	\$ 2,490.00
6350LLL000014	[REDACTED]	ISSUE		1	1497494	[REDACTED]	\$ 2,549.59	171Inv-PhWestMain	\$ 2,490.00
4610LLL162953	[REDACTED]	ISSUE		1	1497494	[REDACTED]	\$ 1,899.49		
6640LLL120012	[REDACTED]	ISSUE		1	1497494	[REDACTED]	\$ 2,831.18		
6140LHA013705	[REDACTED]	ISSUE		2	1497494	[REDACTED]	\$ 450.00		
LABOR ONLY	[REDACTED]	ISSUE		1	1499970	[REDACTED]	\$ 2,490.00		
6117LL0178858	[REDACTED]	ISSUE		1	1497493	[REDACTED]	\$ 921.27		
6350LLL000014	[REDACTED]	ISSUE		1	1497493	[REDACTED]	\$ 2,549.59		
4610LLL162953	[REDACTED]	ISSUE		1	1497493	[REDACTED]	\$ 1,899.49		
6640LLL120012	[REDACTED]	ISSUE		1	1497493	[REDACTED]	\$ 2,831.18		
6140LHA013705	[REDACTED]	ISSUE		2	1497493	[REDACTED]	\$ 450.00		
LABOR ONLY	[REDACTED]	ISSUE		1	1500712	[REDACTED]	\$ 2,490.00		
LABOR ONLY	[REDACTED]	ISSUE		1	1504072	[REDACTED]	\$ 2,490.00		
						<b>TOTAL</b>	<b>\$ 31,132.95</b>		
<b>ADDITIONAL COSTS</b>									
Task Item	Description	Transaction Type	Store	Quantity	PO	GL Debit Account	Line Cost		
4610LLT167104	[REDACTED]	ISSUE		1	1500775	[REDACTED]	\$ 1,161.10		

# Control Freaks Consulting, LLC

# INVOICE

5903 Foxwood Ln.  
Bloomington IN 47401  
Phone (812) 325-0622

**DATE:** October 23, 2018  
**INVOICE #** 166Inv-P560025409

**BILL TO:**

**FOR:** PO#P560025409 [REDACTED]

*Redacted for Potential CBI*

NSWC Crane  
BLDG.56 MANCON  
300 HWY 361  
Crane, In 47522 USA

DESCRIPTION	HOURS	RATE	AMOUNT
Quoted Parts:			\$ 6,093.22
Mileage:	0	0.62	

SUBTOTAL	\$ 6,093.22
TAX RATE	
SALES TAX	-
PAYMENT	(\$6,093.22)
<b>TOTAL</b>	\$ -

Make all checks payable to **Control Freaks Consulting, LLC**  
Payment is due upon receipt.

**THANK YOU FOR YOUR BUSINESS!**

# Control Freaks Consulting, LLC

# INVOICE

5903 Foxwood Ln.  
Bloomington IN 47401  
Phone (812) 325-0622

**DATE:** October 23, 2018  
**INVOICE #** 167Inv-P560025408

**BILL TO:**

**FOR:** PO#P560025408 [REDACTED]

NSWC Crane  
BLDG.56 MANCON  
300 HWY 361  
Crane, In 47522 USA

*Redacted for Potential CBI*

DESCRIPTION	HOURS	RATE	AMOUNT
Quoted Parts:			\$ 8,784.86
Mileage:	0	0.62	

SUBTOTAL	\$ 8,784.86
TAX RATE	
SALES TAX	-
PAYMENT	(\$8,784.86)
<b>TOTAL</b>	\$ -

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# Control Freaks Consulting, LLC

# INVOICE

5903 Foxwood Ln.  
Bloomington IN 47401  
Phone (812) 325-0622

**DATE:** October 23, 2018  
**INVOICE #** 168Inv-P560025406

**BILL TO:**

**FOR:** PO#P560025406 [REDACTED]

*Redacted for Potential CBI*

NSWC Crane  
BLDG.56 MANCON  
300 HWY 361  
Crane, In 47522 USA

DESCRIPTION	HOURS	RATE	AMOUNT
Quoted Parts:			\$ 8,784.86
Mileage:	0	0.62	

SUBTOTAL	\$ 8,784.86
TAX RATE	
SALES TAX	-
PAYMENT	(\$8,784.86)
<b>TOTAL</b>	\$ -

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**THANK YOU FOR YOUR BUSINESS!**

# Control Freaks Consulting, LLC

# INVOICE

5903 Foxwood Ln.  
 Bloomington IN 47401  
 Phone (812) 325-0622

**DATE:** November 20, 2018  
**INVOICE #** 169Inv-PhLS20


**BILL TO:**

Nathan Schulte  
 NAVFAC PWD Crane  
 Building 56  
 300 Highway 361  
 Crane IN 47522

**FOR:**



*Redacted for Potential CBI*

DESCRIPTION	HOURS	RATE	AMOUNT
 <i>Redacted for Potential CBI</i>			\$ 2,490.00
<b>Paid Credit card, 11-21-18, Thank You!</b>			(2,490.00)
Mileage:	0	0.62	
<b>SUBTOTAL</b>			\$ -
<b>TAX RATE</b>			
<b>SALES TAX</b>			-
<b>PARTS</b>			
<b>TOTAL</b>			\$ -

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# Control Freaks Consulting, LLC

# INVOICE

5903 Foxwood Ln.  
 Bloomington IN 47401  
 Phone (812) 325-0622

**DATE:** November 20, 2018  
**INVOICE #** 170Inv-PhEastMain


**BILL TO:**

Nathan Schulte  
 NAVFAC PWD Crane  
 Building 56  
 300 Highway 361  
 Crane IN 47522

**FOR:**



*Redacted for Potential CBI*

DESCRIPTION	HOURS	RATE	AMOUNT
 <i>Redacted for Potential CBI</i>			\$ 2,490.00
<b>Paid Credit Card 11-28-18, Thank You!</b>			(\$2,490.00)
Mileage:	0	0.62	
<b>SUBTOTAL</b>			\$ -
<b>TAX RATE</b>			
<b>SALES TAX</b>			-
<b>PARTS</b>			
<b>TOTAL</b>			\$ -

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**THANK YOU FOR YOUR BUSINESS!**



# Control Freaks Consulting, LLC

# INVOICE

5903 Foxwood Ln.  
 Bloomington IN 47401  
 Phone (812) 325-0622

**DATE:** November 20, 2018  
**INVOICE #** 171Inv-PhWestMain


**BILL TO:**

Nathan Schulte  
 NAVFAC PWD Crane  
 Building 56  
 300 Highway 361  
 Crane IN 47522

**FOR:**



*Redacted for Potential CBI*

DESCRIPTION	HOURS	RATE	AMOUNT
 <i>Redacted for Potential CBI</i>			\$ 2,490.00
<b>Paid 12-13-2018, Credit card, Thank you!</b>			(2,490.00)
Mileage:	0	0.62	
<b>SUBTOTAL</b>			\$ -
<b>TAX RATE</b>			
<b>SALES TAX</b>			-
<b>PARTS</b>			
<b>TOTAL</b>			\$ -

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