

To

Blair Couch
Marty Seufer
Wood County Commission
1 Court Square
Parkersburg, WV 26101

From

Center for Toxicology and Environmental Health, LLC
5120 North Shore Drive
North Little Rock, AR 72118
(501) 801-8500

Invoice

Number: #INV 311691
Date: 11/13/17
Terms: Net 30

Project

109708-Wood County WV-Facility Fire-Parkersburg, WV

For questions regarding this invoice, please contact your CTEH Project Manager or send an e-mail to CTEH Accounts Receivable at CTEHAccountsReceivable@cteh.com

Invoice Comments

NOTE: When all actual vendor invoices have been received, a refund will be issued should costs total less than this invoice. A final CTEH invoice will be sent with substantiating documentation at the closure of this project.

Consulting Services

Consulting Services**Total**

Reimbursable Expenses -

2017/11/12	Estimated cost for Wood County, WV Facility Fire	\$340,454.92
2017/11/13	Estimated cost for data validation	\$50,000.00

Consulting Services Total**\$390,454.92**

Total

Invoice Total**\$390,454.92**



**CENTER FOR TOXICOLOGY
AND ENVIRONMENTAL HEALTH, LLC**

Summary

Date: October 30, 2017

Project Name: 109708-Wood County WV-Facility Fire-Parkersburg, WV

Date		Labor		Equipment		Analytical		Data Fees		Travel & Other		Total
23-Oct-17	\$	11,062.00	\$	2,975.00	\$	22,275.27	\$	700.00	\$	15,086.85	\$	52,099.12
24-Oct-17	\$	27,133.13	\$	4,040.00	\$	31,486.08	\$	700.00	\$	3,816.07	\$	67,175.28
25-Oct-17	\$	19,816.38	\$	4,340.00	\$	29,802.48	\$	2,000.00	\$	3,338.81	\$	59,297.67
26-Oct-17	\$	23,149.13	\$	4,640.00	\$	9,372.96	\$	2,000.00	\$	3,100.18	\$	42,262.27
27-Oct-17	\$	23,093.63	\$	5,335.00	\$	10,394.16	\$	2,000.00	\$	2,641.43	\$	43,464.22
28-Oct-17	\$	23,946.75	\$	4,255.00	\$	10,394.16	\$	2,000.00	\$	3,799.95	\$	44,395.88
29-Oct-17	\$	21,147.75	\$	4,255.00	\$	-	\$	200.00	\$	6,157.75	\$	31,760.50
	\$	149,348.77	\$	29,840.00	\$	113,725.11	\$	9,600.00	\$	37,941.04	\$	340,454.92

Sales Tax

Total \$ 340,454.92

5120 Northshore Drive, North Little Rock, AR 72118



Center for Toxicology and Environmental Health, L.L.C.

5120 N. Shore Drive, North Little Rock, AR 72118 Phone: 501.801.8500 www.cteh.com

ESTIMATED Daily Cost

Client: State of West Virginia

Date: October 23, 2017

Project/Location: 109708-Wood County WV-Facility Fire-Parkersburg, WV

Monday

Project Manager: John T. Wilson

Description of Work: Air Monitoring / Environmental Sampling

Personnel		Notable Time (A)		Regular Time		Overtime		Total Fees	Total Hours
Please differentiate onsite versus offsite.		Travel	Standby	Hrs	Rate	Hrs	Rate		
Name	Classification								
Mobilizing Personnel									
Adkins, Karen	Env Specialist II	6.00		8.00	\$92.00	5.00	\$138.00	\$1,426.00	13.00
Allaby, Eric	Environmental Scientist I	6.00		8.00	\$125.00	5.00	\$187.50	\$1,937.50	13.00
Holems, Bradley	Env Specialist I	6.00		8.00	\$99.00	5.00	\$148.50	\$1,534.50	13.00
Walker, Glenmarkus	Env Specialist II	6.00		8.00	\$92.00	5.00	\$138.00	\$1,426.00	13.00
Wilson, John	Env Sci Project Manager	6.00		8.00	\$185.00	5.00	\$277.50	\$2,867.50	13.00
Total Mobilizing Personnel	5								
Off-Site Personnel									
Cross, Carol	Project Assistant II			1.50	\$70.00	0.00	\$105.00	\$105.00	1.50
Davis, Jason	Env Sci Project Manager			0.50	\$185.00	0.00	\$277.50	\$92.50	0.50
Jones, Andrew	Environmental Scientist II			2.00	\$99.00	0.00	\$148.50	\$198.00	2.00
Tuttle, Kelly	Project Toxicologist			5.00	\$285.00	0.00	\$442.50	\$1,475.00	5.00
Total Off-Site Personnel	4	30.00							
Daily Total Manpower Hours (Includes travel & water time)				49.00		25.00		\$11,062.00	74.00

Equipment				Rate / Day	Equipment Cost
Number of Units	Type				
4	GasTec GV-100 Piston Pump			\$ 25.00	\$100.00
4	Hand-held Data Collection PDA			\$ 125.00	\$500.00
3	MultiRAE Pro			\$ 150.00	\$450.00
14	SKC Analytical Pump			\$ 70.00	\$980.00
3	TSI AM510 Aerosol Monitor			\$ 115.00	\$345.00
3	Vehicle - Truck/SUV			\$ 200.00	\$600.00
Total Equipment Cost					\$2,975.00

Analytical							
Analytical Method	Date	Units	Turn Time	Cost/Unit	Itemized Cost	15% Markup	Analytical Cost
TO15+TICs	10/23/2017	7	Same Day	\$1,080.00	\$7,560.00	\$1,134.00	\$8,694.00
Niosh 5506	10/23/2017	9	Same Day	\$801.00	\$7,209.00	\$1,081.35	\$8,290.35
Niosh 6004	10/23/2017	9	Same Day	\$183.00	\$1,647.00	\$247.05	\$1,894.05
20% Deliverables - Air Samples	10/23/2017	0	20%		\$2,953.80	\$443.07	\$3,396.87
Total Analytical Cost							\$22,275.27

Environmental/Analytical Data Service Fees				Data Service Cost
Number of Transactions	<=100 Transactions	101-500 Transactions	>500 Transactions	
122	\$ 200.00	\$ 700.00	\$ 2,000.00	\$700.00
Total Data Service Fees				\$700.00

Travel and Other Expenses						Misc Expense Cost
Item	Cost/Unit	Units	Itemized Cost	15% Markup		
Lodging	\$147.06	5	\$735.30	\$110.30		\$845.60
CTEH Aircraft	\$2,500.00	5.4	\$13,500.00			\$13,500.00
CTEH Crew Charge	\$550.00	1	\$550.00			\$550.00
Meals Per Diem - Travel Day	\$38.25	5	\$191.25			\$191.25
Total Travel & Other Expenses						\$15,086.85

Total Estimated Daily Cost

\$52,099.12

CTEH Signature

Client Signature

Note A - Travel & water time is listed for informational purposes and is included in Regular and/or Overtime, as applicable.

The CTEH DCE is an estimate of the client's burn rate for billable activities performed by CTEH on the date specified on the DCE.
The DCE is an approximation and not a guarantee of the amount of the client's invoice from CTEH.



Center for Toxicology and Environmental Health, L.L.C.

5120 N. Shore Drive, North Little Rock, AR 72118 Phone: 501.801.8500 www.cteh.com

ESTIMATED Daily Cost

Client: State of West Virginia

Date: October 24, 2017

Project/Location: 109708-Wood County WV-Facility Fire-Parkersburg, WV

Tuesday

Project Manager: John T. Wilson

Description of Work: Air Monitoring / Environmental Sampling

Personnel		Notable Time (A)		Regular Time		Overtime		Total Fees	Total Hours
Please differentiate onsite versus offsite.		Travel	Standby	Hrs	Rate	Hrs	Rate		
Name	Classification								
On-Site Personnel									
Adkins, Karen	Env Specialist II			8.00	\$92.00	8.75	\$138.00	\$1,943.50	16.75
Allaby, Eric	Environmental Scientist I			8.00	\$125.00	7.50	\$167.50	\$2,406.25	15.50
Holems, Bradley	Env Specialist I			8.00	\$99.00	8.75	\$148.50	\$2,091.38	16.75
Walker, Glenmarkus	Env Specialist II			8.00	\$92.00	8.75	\$138.00	\$1,943.50	16.75
Wilson, John	Env Sci Project Manager			8.00	\$185.00	11.00	\$277.50	\$4,532.50	19.00
Total On-Site Personnel	5								
Mobilizing Personnel									
Crandall, John	Env Specialist II	10.50		8.00	\$92.00	11.00	\$138.00	\$2,254.00	19.00
Nony, Paul	Senior Toxicologist	7.50		8.00	\$345.00	8.00	\$517.50	\$6,900.00	16.00
Randolph, Cleodis	Env Specialist II	9.00		8.00	\$92.00	9.50	\$138.00	\$2,047.00	17.50
Paudal, Yograj	Env Specialist II	9.00		8.00	\$92.00	9.50	\$138.00	\$2,047.00	17.50
Total Mobilizing Personnel	4								
Off-Site Personnel									
Jones, Andrew	Environmental Scientist II			2.00	\$99.00	0.00	\$148.50	\$198.00	2.00
Tuttle, Kelly	Project Toxicologist			2.00	\$295.00	0.00	\$442.50	\$590.00	2.00
Wilson, Dan	Finance Coordinator			2.00	\$90.00	0.00	\$135.00	\$180.00	2.00
Total Off-Site Personnel	3	42.00							
Daily Total Manpower Hours (Includes travel & water time)				78.00		82.75		\$27,133.13	160.75

Equipment				Rate / Day		Equipment Cost
Number of Units	Type					
4	GasTec GV-100 Piston Pump			\$ 25.00		\$100.00
4	Hand-held Data Collection PDA			\$ 125.00		\$500.00
4	MultIRAE Pro			\$ 150.00		\$600.00
14	SKC Analytical Pump			\$ 70.00		\$980.00
4	TSI AM510 Aerosol Monitor			\$ 115.00		\$460.00
7	Vehicle - Truck/SUV			\$ 200.00		\$1,400.00
Total Equipment Cost						\$4,040.00

Analytical							
Analytical Method	Date	Units	Turn Time	Cost/Unit	Itemized Cost	15% Markup	Analytical Cost
TO15+TICs	10/24/2017	7	Same Day	\$1,080.00	\$7,560.00	\$1,134.00	\$8,694.00
Niosh 5506	10/24/2017	16	Same Day	\$801.00	\$12,816.00	\$1,922.40	\$14,738.40
Niosh 6004	10/24/2017	16	Same Day	\$183.00	\$2,928.00	\$439.20	\$3,367.20
20% Deliverables - Air Samples	10/24/2017	0	20%		\$4,075.20	\$611.28	\$4,686.48
Total Analytical Cost							\$31,486.08

Environmental/Analytical Data Service Fees				Data Service Cost	
Number of Transactions	<=100 Transactions	101-500 Transactions	>500 Transactions		
409	\$ 200.00	\$ 700.00	\$ 2,000.00		\$700.00
Total Data Service Fees					\$700.00

Travel and Other Expenses						Misc Expense Cost
Item	Cost/Unit	Units	Itemized Cost	15% Markup		
Lodging	\$147.00	9	\$1,323.54	\$198.53		\$1,522.07
Airfare (4 Personnel)	\$410.00	4	\$1,640.00	\$246.00		\$1,886.00
Meals Per Diem - Travel Day	\$38.25	4	\$153.00			\$153.00
Meals Per Diem - Full Day	\$51.00	5	\$255.00			\$255.00
Total Travel & Other Expenses						\$3,816.07

Total Estimated Daily Cost

\$67,175.28

CTEH Signature

Client Signature

Note A - Travel & water time is listed for informational purposes and is included in Regular and/or Overtime, as applicable.

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Center for Toxicology and Environmental Health, L.L.C.

5120 N. Shore Drive, North Little Rock, AR 72118 Phone: 501.801.8500 www.cteh.com

ESTIMATED Daily Cost

Client: State of West Virginia

Date: October 25, 2017

Project/Location: 109708-Wood County WV-Facility Fire-Parkersburg, WV

Wednesday

Project Manager: John T. Wilson

Description of Work: Air Monitoring / Environmental Sampling

Personnel		Notable Time (A)		Regular Time		Overtime		Total Fees	Total Hours
Please differentiate onsite versus offsite.		Travel	Standby	Hrs	Rate	Hrs	Rate		
Name	Classification								
On-Site Personnel									
Adkins, Karen	Env Specialist II			8.00	\$92.00	5.25	\$138.00	\$1,460.50	13.25
Allaby, Eric	Environmental Scientist I			8.00	\$125.00	9.50	\$187.50	\$2,781.25	17.50
Crandall, John	Env Specialist II			8.00	\$92.00	3.25	\$138.00	\$1,184.50	11.25
Holmes, Bradley	Env Specialist I			8.00	\$99.00	2.25	\$148.50	\$1,126.13	10.25
Nony, Paul	Senior Toxicologist			8.00	\$345.00	2.00	\$517.50	\$3,795.00	10.00
Paudal, Yograj	Env Specialist II			8.00	\$92.00	3.00	\$138.00	\$1,150.00	11.00
Randolph, Cleodis	Env Specialist II			8.00	\$92.00	3.25	\$138.00	\$1,184.50	11.25
Walker, Glenmarkus	Env Specialist II			8.00	\$92.00	5.25	\$138.00	\$1,460.50	13.25
Wilson, John	Env Sci Project Manager			8.00	\$185.00	6.00	\$277.50	\$3,145.00	14.00
Total On-Site Personnel	9								
Mobilizing Personnel									
Cormier, Paul	Env Specialist II	5.25		5.25	\$92.00	0.00	\$138.00	\$483.00	5.25
Shaw, Jay	Env Specialist I	6.50		6.50	\$99.00	0.00	\$148.50	\$643.50	6.50
Total Mobilizing Personnel	2								
Off-Site Personnel									
Baker, Phil	IT Project Manager			5.50	\$185.00	0.00	\$277.50	\$1,017.50	5.50
Tuttle, Kelly	Project Toxicologist			1.00	\$295.00	0.00	\$442.50	\$295.00	1.00
Wilson, Dan	Finance Coordinator			1.00	\$90.00	0.00	\$135.00	\$90.00	1.00
Total Off-Site Personnel	3	11.75							
Daily Total Manpower Hours (includes travel & water time)				91.25		39.75		\$19,816.38	131.00

Equipment				Rate / Day		Equipment Cost
Number of Units	Type					
4	GasTec GV-100 Piston Pump			\$ 25.00		\$100.00
4	Hand-held Data Collection PDA			\$ 125.00		\$500.00
4	MultiRAE Pro			\$ 150.00		\$600.00
14	SKC Analytical Pump			\$ 70.00		\$980.00
4	TSI AM510 Aerosol Monitor			\$ 115.00		\$460.00
8.5	Vehicle - Truck/SUV			\$ 200.00		\$1,700.00
Total Equipment Cost						\$4,340.00

Analytical							
Analytical Method	Date	Units	Turn Time	Cost/Unit	Itemized Cost	15% Markup	Analytical Cost
TO15+TICs	10/25/2017	7	Same Day	\$1,080.00	\$7,560.00	\$1,134.00	\$8,694.00
Niosh 5506	10/25/2017	16	Same Day	\$801.00	\$12,816.00	\$1,922.40	\$14,738.40
Niosh 6004	10/25/2017	8	Same Day	\$183.00	\$1,464.00	\$219.60	\$1,683.60
20% Deliverables - Air Samples	10/25/2017	0		20%	\$4,075.20	\$611.28	\$4,686.48
Total Analytical Cost							\$29,802.48

Environmental/Analytical Data Service Fees					Data Service Cost
Number of Transactions	<=100 Transactions	101-500 Transactions	>500 Transactions		
527	\$ 200.00	\$ 700.00	\$ 2,000.00		\$2,000.00
Total Data Service Fees					\$2,000.00

Travel and Other Expenses					
Item	Cost/Unit	Units	Itemized Cost	15% Markup	Misc Expense Cost
Lodging	\$147.06	11	\$1,617.66	\$242.65	\$1,860.31
Airfare (2 Personnel)	\$410.00	2	\$820.00	\$123.00	\$943.00
Meals Per Diem - Travel Day	\$38.25	2	\$76.50		\$76.50
Meals Per Diem - Full Day	\$51.00	9	\$459.00		\$459.00
Total Travel & Other Expenses					\$3,338.81

Total Estimated Daily Cost

\$59,297.66

CTEH Signature

Client Signature

Note A - Travel & water time is listed for informational purposes and is included in Regular and/or Overtime, as applicable.

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The DCE is an approximation and not a guarantee of the amount of the client's invoice from CTEH.



Center for Toxicology and Environmental Health, L.L.C.

5120 N. Shore Drive, North Little Rock, AR 72118 Phone: 501.801.8500 www.cteh.com

ESTIMATED Daily Cost

Client: State of West Virginia

Date: October 26, 2017

Project/Location: 109708-Wood County WV-Facility Fire-Parkersburg, WV

Thursday

Project Manager: John T. Wilson

Description of Work: Air Monitoring / Environmental Sampling

Personnel		Notable Time (A)		Regular Time		Overtime		Total Fees	Total Hours
Please differentiate onsite versus offsite.		Travel	Standby	Hrs	Rate	Hrs	Rate		
Name	Classification								
On-Site Personnel									
Adkins, Karen	Env Specialist II			8.00	\$92.00	4.75	\$138.00	\$1,391.50	12.75
Allaby, Eric	Environmental Scientist I			8.00	\$125.00	5.75	\$187.50	\$2,078.13	13.75
Cornier, Paul	Env Specialist II			8.00	\$92.00	1.50	\$138.00	\$943.00	9.50
Crandall, John	Env Specialist II			8.00	\$92.00	5.25	\$138.00	\$1,460.50	13.25
Holmes, Bradley	Env Specialist I			8.00	\$99.00	4.25	\$148.50	\$1,423.13	12.25
Nony, Paul	Senior Toxicologist			8.00	\$345.00	2.00	\$517.50	\$3,795.00	10.00
Paudal, Yograj	Env Specialist II			8.00	\$92.00	5.25	\$138.00	\$1,460.50	13.25
Randolph, Cleodis	Env Specialist II			8.00	\$92.00	5.25	\$138.00	\$1,460.50	13.25
Shaw, Jay	Env Specialist I			8.00	\$99.00	6.50	\$148.50	\$1,757.25	14.50
Walker, Glenmarkus	Env Specialist II			8.00	\$92.00	4.75	\$138.00	\$1,391.50	12.75
Wilson, John	Env Sci Project Manager			8.00	\$185.00	5.25	\$277.50	\$2,936.88	13.25
Total On-Site Personnel	11								
Mobilizing Personnel									
Simon, Eric	Environmental Scientist I	11.50		8.00	\$125.00	3.50	\$187.50	\$1,856.25	11.50
Total Mobilizing Personnel	1								
Off-Site Personnel									
Baker, Phil	IT Project Manager			6.50	\$185.00	0.00	\$277.50	\$1,202.50	6.50
Tuttle, Kelly	Project Toxicologist			0.50	\$295.00	0.00	\$442.50	\$147.50	0.50
Wilson, Dan	Finance Coordinator			0.50	\$90.00	0.00	\$135.00	\$45.00	0.50
Total Off-Site Personnel	3	11.50							
Daily Total Manpower Hours (Includes travel & water time)				103.50		54.00		\$23,149.13	157.50

Equipment				Rate / Day		Equipment Cost
Number of Units	Type					
4	GasTec GV-100 Piston Pump			\$ 25.00		\$100.00
4	Hand-held Data Collection PDA			\$ 125.00		\$500.00
4	MultiRAE Pro			\$ 150.00		\$600.00
14	SKC Analytical Pump			\$ 70.00		\$980.00
4	TSI AM510 Aerosol Monitor			\$ 115.00		\$460.00
10	Vehicle - Truck/SUV			\$ 200.00		\$2,000.00
Total Equipment Cost						\$4,640.00

Analytical							Analytical Cost
Analytical Method	Date	Units	Turn Time	Cost/Unit	Itemized Cost	15% Markup	
TO15+TICs	10/26/2017	7	Standard	\$380.00	\$2,520.00	\$378.00	\$2,898.00
Niosh 5508	10/26/2017	16	Standard	\$267.00	\$4,272.00	\$640.80	\$4,912.80
20% Deliverables - Air Samples	10/26/2017	0	20%		\$1,358.40	\$203.76	\$1,562.16
Total Analytical Cost							\$9,372.96

Environmental/Analytical Data Service Fees					Data Service Cost
Number of Transactions	<=100 Transactions	101-500 Transactions	>500 Transactions		
1077	\$ 200.00	\$ 700.00	\$ 2,000.00		\$2,000.00
Total Data Service Fees					\$2,000.00

Travel and Other Expenses						Misc Expense Cost
Item	Cost/Unit	Units	Itemized Cost	15% Markup		
Lodging	\$147.06	12	\$1,764.72	\$264.71		\$2,029.43
Airfare	\$410.00	1	\$410.00	\$61.50		\$471.50
Meals Per Diem - Travel Day	\$38.25	1	\$38.25			\$38.25
Meals Per Diem - Full Day	\$51.00	11	\$561.00			\$561.00
Total Travel & Other Expenses						\$3,100.18

Total Estimated Daily Cost

\$42,262.26

CTEH Signature

Client Signature

Note A - Travel & water time is listed for informational purposes and is included in Regular and/or Overtime, as applicable.

The CTEH DCE is an estimate of the client's burn rate for billable activities performed by CTEH on the date specified on the DCE.
The DCE is an approximation and not a guarantee of the amount of the client's invoice from CTEH.



Center for Toxicology and Environmental Health, L.L.C.

5120 N. Shore Drive, North Little Rock, AR 72118 Phone: 501.801.8500 www.cteh.com

ESTIMATED Daily Cost

Client: State of West Virginia
Project/Location: 109708-Wood County WV-Facility Fire-Parkersburg, WV
Project Manager: John T. Wilson

Date: October 27, 2017
Friday

Description of Work: Air Monitoring / Environmental Sampling

Personnel		Notable Time (A)		Regular Time		Overtime		Total Fees	Total Hours
Please differentiate onsite versus offsite.		Travel	Standby	Hrs	Rate	Hrs	Rate		
Name	Classification								
On-Site Personnel									
Adkins, Karen	Env Specialist II			8.00	\$92.00	4.50	\$138.00	\$1,357.00	12.50
Allaby, Eric	Environmental Scientist I			8.00	\$125.00	6.75	\$187.50	\$2,265.03	14.75
Cormier, Paul	Env Specialist II			8.00	\$92.00	5.00	\$138.00	\$1,428.00	13.00
Crandall, John	Env Specialist II			8.00	\$92.00	5.25	\$138.00	\$1,460.50	13.25
Holmes, Bradley	Env Specialist I			8.00	\$99.00	4.75	\$148.50	\$1,497.38	12.75
Nony, Paul	Senior Toxicologist			8.00	\$345.00	2.00	\$517.50	\$3,795.00	10.00
Paudal, Yograj	Env Specialist II			8.00	\$92.00	5.00	\$138.00	\$1,426.00	13.00
Randolph, Cleodis	Env Specialist II			8.00	\$92.00	5.00	\$138.00	\$1,426.00	13.00
Shaw, Jay	Env Specialist I			8.00	\$99.00	4.25	\$148.50	\$1,423.13	12.25
Simon, Eric	Environmental Scientist I			8.00	\$125.00	5.25	\$187.50	\$1,984.38	13.25
Walker, Glenmarkus	Env Specialist II			8.00	\$92.00	4.50	\$138.00	\$1,357.00	12.50
Wilson, John	Env Sci Project Manager			8.00	\$185.00	4.75	\$277.50	\$2,798.13	12.75
Total On-Site Personnel									
Off-Site Personnel									
Baker, Phil	IT Project Manager			4.50	\$185.00	0.00	\$277.50	\$832.50	4.50
Wilson, Dan	Finance Coordinator			0.50	\$90.00	0.00	\$135.00	\$45.00	0.50
Total Off-Site Personnel									
Daily Total Manpower Hours (includes travel & water time)				101.00		57.00		\$23,093.63	158.00

Equipment				Rate / Day		Equipment Cost
Number of Units	Type					
5	GasTec GV-100 Piston Pump			\$ 25.00		\$125.00
5	Hand-held Data Collection PDA			\$ 125.00		\$625.00
5	MultIRAE Pro			\$ 150.00		\$750.00
18	SKC Analytical Pump			\$ 70.00		\$1,260.00
5	TSI AM510 Aerosol Monitor			\$ 115.00		\$575.00
10	Vehicle - Truck/SUV			\$ 200.00		\$2,000.00
Total Equipment Cost						\$5,335.00

Analytical							Analytical Cost
Analytical Method	Date	Units	Turn Time	Cost/Unit	Itemized Cost	15% Markup	
TO15+TICs	10/27/2017	7	Standard	\$360.00	\$2,520.00	\$378.00	\$2,898.00
Niosh 5506	10/27/2017	16	Standard	\$267.00	\$4,272.00	\$640.80	\$4,912.80
Niosh 6004	10/27/2017	8	Standard	\$61.00	\$488.00	\$73.20	\$561.20
Niosh 7402	10/27/2017	8	Standard	\$50.00	\$400.00	\$60.00	\$460.00
Total Analytical Cost							\$10,394.18

Environmental/Analytical Data Service Fees					Data Service Cost
Number of Transactions	<=100 Transactions	101-500 Transactions	>500 Transactions		
885	\$ 200.00	\$ 700.00	\$ 2,000.00		\$2,000.00
Total Data Service Fees					\$2,000.00

Travel and Other Expenses					Misc Expense Cost
Item	Cost/Unit	Units	Itemized Cost	15% Markup	
Lodging	\$147.06	12	\$1,764.72	\$264.71	\$2,029.43
Meals Per Diem - Full Day	\$51.00	12	\$612.00		\$612.00
Total Travel & Other Expenses					\$2,641.43

Total Estimated Daily Cost

\$43,464.21

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Note A - Travel & water time is listed for informational purposes and is included in Regular and/or Overtime, as applicable.

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Center for Toxicology and Environmental Health, L.L.C.

5120 N. Shore Drive, North Little Rock, AR 72118 Phone: 501.801.8500 www.cteh.com

ESTIMATED Daily Cost

Client: State of West Virginia
Project/Location: 109708-Wood County WV-Facility Fire-Parkersburg, WV
Project Manager: John T. Wilson

Date: October 28, 2017
Saturday

Description of Work: Air Monitoring / Environmental Sampling

Personnel		Notable Time (A)		Regular Time		Overtime		Total Fees	Total Hours
Please differentiate onsite versus offsite.		Travel	Standby	Hrs	Rate	Hrs	Rate		
Name	Classification								
On-Site Personnel									
Allaby, Eric	Environmental Scientist I				\$125.00	13.00	\$187.50	\$2,437.50	13.00
Crandall, John	Env Specialist II				\$92.00	13.00	\$138.00	\$1,794.00	13.00
Holmes, Bradley	Env Specialist I				\$99.00	12.50	\$148.50	\$1,856.25	12.50
Nony, Paul	Senior Toxicologist				\$345.00	6.00	\$517.50	\$3,105.00	6.00
Randolph, Cleodis	Env Specialist II				\$92.00	8.50	\$138.00	\$1,173.00	8.50
Shaw, Jay	Env Specialist I				\$99.00	12.50	\$148.50	\$1,856.25	12.50
Simon, Eric	Environmental Scientist I				\$125.00	13.75	\$187.50	\$2,578.13	13.75
Wilson, John	Env Sci Project Manager				\$185.00	12.75	\$277.50	\$3,538.13	12.75
Total On-Site Personnel	8								
Demobilizing Personnel									
Adkins, Karen	Env Specialist II	10.00			\$92.00	10.00	\$138.00	\$1,380.00	10.00
Paudal, Yograj	Env Specialist II	9.00			\$92.00	9.00	\$138.00	\$1,242.00	9.00
Walker, Glenmarkus	Env Specialist II	9.00			\$92.00	9.00	\$138.00	\$1,242.00	9.00
Cornier, Paul	Env Specialist II	7.75			\$92.00	7.75	\$138.00	\$1,069.50	7.75
Total Demobilizing Personnel	4								
Off-Site Personnel									
Baker, Phil	IT Project Manager				\$185.00	2.00	\$277.50	\$555.00	2.00
Cross, Carol	Project Assistant II				\$70.00	0.50	\$105.00	\$52.50	0.50
Wilson, Dan	Finance Coordinator				\$90.00	0.50	\$135.00	\$67.50	0.50
Total Off-Site Personnel	3	35.75							
Daily Total Manpower Hours (includes travel & water time)				0.00		130.75		\$23,946.75	130.75

Equipment				Rate / Day	Equipment Cost
Number of Units	Type				
4	GasTec GV-100 Piston Pump			\$ 25.00	\$100.00
4	Hand-held Data Collection PDA			\$ 125.00	\$500.00
3	MultIRAE Pro			\$ 150.00	\$450.00
18	SKC Analytical Pump			\$ 70.00	\$1,260.00
3	TSI AM510 Aerosol Monitor			\$ 115.00	\$345.00
8	Vehicle - Truck/SUV			\$ 200.00	\$1,600.00
Total Equipment Cost					\$4,255.00

Analytical							
Analytical Method	Date	Units	Turn Time	Cost/Unit	Itemized Cost	15% Markup	Analytical Cost
TO15+TICs	10/28/2017	7	Standard	\$360.00	\$2,520.00	\$378.00	\$2,898.00
Niosh 5506	10/28/2017	16	Standard	\$267.00	\$4,272.00	\$640.80	\$4,912.80
Niosh 6004	10/28/2017	8	Standard	\$81.00	\$488.00	\$73.20	\$561.20
Niosh 7402	10/28/2017	8	Standard	\$50.00	\$400.00	\$60.00	\$460.00
Total Analytical Cost							\$10,394.16

Environmental/Analytical Data Service Fees					Data Service Cost
Number of Transactions	<=100 Transactions	101-500 Transactions	>500 Transactions		
615	\$ 200.00	\$ 700.00	\$ 2,000.00		\$2,000.00
Total Data Service Fees					\$2,000.00

Travel and Other Expenses						Misc Expense Cost
Item	Cost/Unit	Units	Itemized Cost	15% Markup		
Lodging	\$147.06	8	\$1,176.48	\$176.47		\$1,352.95
Airfare	\$410.00	4	\$1,640.00	\$246.00		\$1,886.00
Meals Per Diem - Travel Day	\$38.25	4	\$153.00			\$153.00
Meals Per Diem - Full Day	\$51.00	8	\$408.00			\$408.00
Total Travel & Other Expenses						\$3,799.95

Total Estimated Daily Cost

\$44,395.86

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Center for Toxicology and Environmental Health, L.L.C.

5120 N. Shore Drive, North Little Rock, AR 72118 Phone: 501.801.8500 www.cteh.com

ESTIMATED Daily Cost

Client: State of West Virginia
Project/Location: 109708-Wood County WV-Facility Fire-Parkersburg, WV
Project Manager: John T. Wilson

Date: October 29, 2017
Sunday

Description of Work: Air Monitoring / Environmental Sampling

Personnel		Notable Time (A)		Regular Time		Overtime		Total Fees	Total Hours
Please differentiate onsite versus offsite.		Travel	Standby	Hrs	Rate	Hrs	Rate		
Name	Classification								
Demobilizing Personnel									
Allaby, Eric	Environmental Scientist I	17.50			\$125.00	17.50	\$187.50	\$3,281.25	17.50
Crandall, John	Env Specialist II	11.00			\$92.00	12.75	\$138.00	\$1,759.50	12.75
Holmes, Bradley	Env Specialist I	8.75			\$99.00	8.75	\$148.50	\$1,299.38	8.75
Nony, Paul	Senior Toxicologist	9.50			\$345.00	11.50	\$517.50	\$5,951.25	11.50
Randolph, Cleodis	Env Specialist II	9.00			\$92.00	9.00	\$138.00	\$1,242.00	9.00
Shaw, Jay	Env Specialist I	12.50			\$99.00	12.50	\$148.50	\$1,856.25	12.50
Simon, Eric	Environmental Scientist I	9.25			\$125.00	9.25	\$187.50	\$1,734.38	9.25
Wilson, John	Env Sci Project Manager	12.0			\$185.00	12.00	\$277.50	\$3,330.00	12.00
Total Demobilizing Personnel	8								
Off-Site Personnel									
Baker, Phil	IT Project Manager				\$185.00	2.50	\$277.50	\$693.75	2.50
Total Off-Site Personnel	1	89.50							
Daily Total Manpower Hours (includes travel & water time)				0.00		95.75		\$21,147.75	95.75

Equipment					Equipment Cost
Number of Units	Type		Rate / Day		
4	GasTec GV-100 Piston Pump		\$ 25.00		\$100.00
4	Hand-held Data Collection PDA		\$ 125.00		\$500.00
3	MultiRAE Pro		\$ 150.00		\$450.00
18	SKC Analytical Pump		\$ 70.00		\$1,260.00
3	TSI AM510 Aerosol Monitor		\$ 115.00		\$345.00
8	Vehicle - Truck/SUV		\$ 200.00		\$1,600.00
Total Equipment Cost					\$4,265.00

Environmental/Analytical Data Service Fees					Data Service Cost
Number of Transactions	<=100 Transactions	101-500 Transactions	>500 Transactions		
48	\$ 200.00	\$ 700.00	\$ 2,000.00		\$200.00
Total Data Service Fees					\$200.00

Travel and Other Expenses						Misc Expense Cost
Item	Cost/Unit	Units	Itemized Cost	15% Markup		
Fuel for Vehicles	\$206.30	1	\$206.30	\$30.95		\$237.25
Airport Parking	\$121.02	1	\$121.02	\$18.15		\$139.17
Airfare (8 Personnel)	\$4,730.00	1	\$4,730.00	\$709.50		\$5,439.50
Postage	\$25.00	1	\$25.00	\$3.75		\$28.75
Project Supplies/Consumables	\$5.66	1	\$5.66	\$0.85		\$6.51
Tolls/Cab Fare	\$0.50	1	\$0.50	\$0.08		\$0.58
Meals Per Diem - Travel Day	\$38.25	8	\$306.00			\$306.00
Total Travel & Other Expenses						\$6,167.75

Total Estimated Daily Cost

\$31,760.50

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Client Signature

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