

**BOARD OF SANITARY COMMISSIONERS
REGULAR MEETING
10:00 a.m. March 21, 2017
Third Floor City Hall**

**CITY OF
TERRE HAUTE
BOARD OF
SANITARY COMMISSIONERS**

City Hall
17 Harding Avenue, Room 200
Terre Haute, IN 47807

Phone: 812.232.5458
Fax: 812.234.3973

www.terrehaute.IN.gov

AGENDA

1. Call to Order
2. Roll Call
3. Public Comments
4. Approve Minutes
5. Approve Claims
6. Other
7. Adjournment

**Minutes of a Regular Meeting of the
Board of Sanitary Commissioners
Terre Haute, IN
March 7, 2017**

A Regular Meeting of the Board of Sanitary Commissioners was held in the Mayor's Conference Room on the third floor, City Hall, 17 Harding Avenue, Terre Haute, Indiana, on the 7th day of March 2017, at 10:00 a.m. Those present were Chuck Ennis, Tim Adams, Jim Winning, Brad Bush, and Larry Auler for the Board of Sanitary Commissioners. Terry Modesitt was also present.

The meeting was called to order by President Brad Bush. There were no public comments.

APPROVE MINUTES

The minutes from the February 21, 2017 meeting were presented to the Board.

On motion of Tim Adams, seconded by Larry Auler, and unanimously approved, it was resolved that the minutes from the February 21, 2017 meeting be approved.

APPROVE CLAIMS

The list of claims was presented to the Board for Sanitary District General and Waste Water Treatment Plant and discussed.

On motion of Jim Winning, seconded by Chuck Ennis, and unanimously approved that claims be approved as presented.

2364 E EATON DRIVE - SEWAGE BILL APPEAL

Lee Dillion, the owner of 2364 E Eaton Drive, approached the Board regarding the sewer bill at this location. He had a leaking water heater in the crawlspace, which went into the perimeter drain. He said that the water did not go into the sewer, so he does not feel like he should be charged for this service because no service was provided in regards to the leaked water. His bill was adjusted one month per City Code. Mr. Modesitt suggested Mr. Dillion go to City Council. He said the Board's job is to make sure that that code is followed and it does not give us room to make changes.

On motion of Jim Winning, seconded by Larry Auler, it was resolved that the appeal be rejected. There was a role call vote. Mr. Auler, Mr. Winning and Mr. Ennis agreed to reject claim. Mr. Adams voted no.

CHA - MAIN LIFT STATION PER SUPPLEMENT

Chuck Ennis presented the Board with a supplement for a preliminary engineering report. The supplement was discussed. This was approved by Terry Modesitt.

On motion of Tim Adams, seconded by Larry Auler and unanimously approve it was resolved that the CHA Main Lift Station PER Supplement be approved.

COTTAGES SEWER ACCEPTANCE

Chuck Ennis presented the Board with a recommendation from the Engineering Department to accept the Cottages Sewer.

On motion of Chuck Ennis, seconded by Tim Adams, and unanimously approved it was resolved that the Cottages Sewer be accepted.

OTHER

-Mark Thompson had a title that needed to be signed. Terry Modesitt said the legal representative for the City should sign it. Chuck Ennis suggested he talk to Leslie Ellis.

ADJOURNMENT

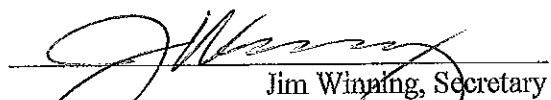
The next regular meeting of the Sanitary Board will be held on March 21, 2017 at 10:00 a.m. in the Mayor's Conference Room, 3rd Floor, City Hall, 17 Harding Avenue, Terre Haute, Indiana.

APPROVED on the 21ST day of MARCH, 2017.

Brad Bush, President



Tim Adams, Vice President



Jim Winning, Secretary

Larry Auler, Member

Chuck Ennis

Chuck Ennis, Member

Sanitary District Claims March 21, 2017

WWUTILITY / 0620-0061- Services Contractual

Modesitt Law Firm Legal Services/ Feb 2017 \$ 2,811.26

WWUTILITY / 0620-0061- Publication of Legals

WWUTILITY / 0620-0061- Drainage Improvements

WWUTILITY / 0620-0061- Drainage Ways

WWTP PH II/ADDITIONS & IMPROVEMENTS

SRF INTEREST FUND

CSO/LTCP P23

PSI, Inc.	High Rate Treatment Facility	\$ 662.65
Commonwealth Eng., Inc.	High Rate Treatment Facility	\$ 6,807.79
Commonwealth Eng., Inc.	High Rate Treatment Facility	\$ 1,692.00
Commonwealth Eng., Inc.	High Rate Treatment Facility	\$ 980.72
Arcadis US, Inc.	Idaho Street Floatables	\$ 4,388.40
CHA	Main Lift Station Replacement	\$ 105,817.19

Wastewater Utility Claims March 21, 2017

Personnel Services

414.010 Laundry & Uniforms

Aramark	Laundry & Uniforms	\$510.82
Aramark	Laundry & Uniforms	\$500.98

414.020 Protective Clothing

Boot City	Safety Boots - Doug F.	\$140.00
Bradford Supply Company	Gloves, Safety Jacket	\$761.71
Bradford Supply Company	Safety Vests	\$125.65
Red Wing Shoe Store	Safety Boots - Mike F.	\$140.00

Supplies

421.010 Office Supplies

City of Terre Haute Maintenance	Printer Paper	\$168.00
---------------------------------	---------------	----------

Operating Supplies

422.005 Operational Supplies

Airgas	Welding Tips	\$15.90
American Welding & Gas	Propane	\$33.23
Boot City	Jeans	\$1,316.78
Boot City	Jeans	\$1,329.90
Boot City	Jeans	\$426.99
Bradford Supply Company	Eyesaline Refills, Latex Gloves	\$773.54
Bradford Supply Company	Lens Cleaning Towelettes, Latex Gloves	\$359.80
Industrial Supply Company	Primer, PVC Cement	\$40.47
John Deere Financial, Inc.	Red Flags, Jeans	\$898.26
John Deere Financial, Inc.	Jeans	\$1,189.83
John Deere Financial, Inc.	Jeans	\$150.00
Jones & Sons	Fibers, Hot Water, Mulch	\$514.00
Jones & Sons	Mulch, Hot Water, Fibers	\$555.50
Jones & Sons	Hot Water, Fibers	\$138.50
Jones & Sons	Fibers, Hot Water	\$12.50
Kimball Midwest	Paint, Plugs, Etc.	\$711.08
Lawson Products	Paint, Brake Klean, Etc.	\$407.00
Lawson Products	Nylon Rope, Key Caddy, Etc.	\$660.15
Lowe's	Dryer Outlet	\$5.51
Menards	Foil Tape, PVC Cement, Primer, Etc.	\$118.92
Menards	PVC Cement, Teflon Tape, Clear Primer	\$20.46
Quality Automotive Dist. Corp.	Aluminum Polish	\$12.58
Quality Automotive Dist. Corp.	Oil	\$232.98
Sam's Club	Ice Mountain Water, Dawn Dish Soap, Etc.	\$304.54
Southwestern Petroleum Corporation	Grease	\$267.60
Valley Electric	Vinyl Tape, Heat Shrink	\$60.08
Wise El Santo Co Inc.	Latex Gloves	\$957.00

Rep./Maint. Supplies

423.015 Maint./Rep

Coldwell	Couplers, Adapters, Hose Assembly, Etc.	\$1,351.26
Fastenal	Casters	\$95.70
Illiana Truck Parts	Car Seat	\$375.00
Industrial Supply Company	Couplings, Bushings, Etc.	\$100.52
Interstate Battery System, Inc.	Battery	\$99.00
Jones & Sons	Concrete, 122 HE 2% Per Yard	\$850.00
Jones & Sons	Concrete, 122 HE 2% Per Yard	\$873.55
Jones & Sons	Flowable Fill, Concrete, Etc.	\$2,150.75
Jones & Sons	Concrete, 122 HE 2% Per Yard	\$121.25
Kelly Metal	Metal	\$36.40
Keystone Automotive Industries, Inc.	Wheels	\$800.25
Kimball Midwest	Terminals	\$462.29
Kirby Risk	Breaker, Meter Hanging Kit, Etc.	\$209.17
Lawson Products	Screws, Washers, Etc.	\$924.61
Lawson Products	Screws, Washers	\$469.92
Lowe's	Faucets	\$567.15
McCord Tire & Auto Service	Alignment on a Police Vehicle	\$187.62
Menards	Elbows, Couplings, Bushings, Etc.	\$468.43
Menards	Couplings, Bushing, Adapter, Etc.	\$123.57
Midwest Industrial Equipment & Repair	OD Fan, Belts, Aerzen Fan	\$644.69
One Source Equipment Rentals, Inc.	Gasket, Fuel Pump, Etc.	\$97.93
O'Reilly Auto Parts, Inc.	ABS Sensor, Window Regulator, Etc.	\$735.39
Quality Automotive Dist. Corp.	Groove Pulley, Sensors, Etc.	\$187.75
Quality Automotive Dist. Corp.	Batteries, Radiator Cap, Etc.	\$775.14
Quality Automotive Dist. Corp.	Battery, Oil Filter, Etc.	\$206.61
Quality Automotive Dist. Corp.	Fuel Injector, Switch, Etc.	\$555.35
Quality Automotive Dist. Corp.	Brake Rotors, Starter, Etc.	\$480.84
Roehm Refrigeration	Water Filters	\$253.00
Southwest Auto Company	Wheel	\$65.00
Town & Country Ford	Radiator Grille, Latch, Etc.	\$903.08
United Refrigeration Inc.	Filters, V-Belts	\$355.36
Valley Electric	Butt Splices, Cable Sleeve	\$132.35
Vigo Dodge, Inc.	Heater Hoses, Retainer	\$144.64
Z TECH AUDIO +	Seat Covers	\$399.90

Other Supplies

422.110 Boc Gas

Airgas	Acetylene, Argon, Oxygen	\$873.63
Praxair	Argon, Nitrogen, Etc.	\$55.46

422.160 Lab Supplies

Hach	Phosphorus	\$316.74
------	------------	----------

Professional Services

432.010 Services Contractual

A-1 Sanitation, LLC	Portable Toilet	\$72.00
American Water	Data Usage	\$6,055.00
Controlworx LLC.	Engineering Services	\$22,000.00
Ferguson Waterworks	Service Charge for February	\$317.31
FirsTech, Inc.	Monthly Maintenance Fee, Processed Payments	\$493.50
Gill's Towing & Recovery	Towing Services	\$40.00
Hannum, Wagle, & Cline	Professional Services	\$2,266.00
Indiana Chamber of Commerce	Membership Renewal - Mark T.	\$500.00
Koorsen Fire & Security	Program Cell / IP Communicator for Monitoring	\$170.00
MacAllister Machinery Co. Inc.	Service Charges	\$53.39
Sam's Club	Annual Membership Fees	\$393.43
Seelyville Water & Sewage	Meter Readings	\$1,437.00
Time Warner Cable	Internet Service	\$2,562.25
Valley Electric	Finance Charge	\$50.25
Verification Services, Inc.	Annual Inspection of an SRL	\$50.00
Zinkan Enterprises Inc.	Water Treatment Contract	\$200.00

432.020 Instruction

Indiana Industrial Operators Association, Inc.	WIITec 2017 Conference - Debbie P.	\$135.00
--	------------------------------------	----------

432.071 Lab Testing

Commonwealth Biomonitoring, Inc.	Biomonitoring Testing	\$2,000.00
JRM Environmental, Inc.	Mercury Sampling	\$625.00
McCoy & McCoy Laboratories, Inc.	Lab Testing	\$280.00
Pace Analytical	Lab Testing	\$28.00
Pace Analytical	Lab Testing	\$58.00

432.072 Sycamore Ridge Landfill

Republic Services	Trash Removal	\$1,159.70
-------------------	---------------	------------

347.090 User Fees

Brian Sullivan	Sewer Bill Refund	\$510.60
----------------	-------------------	----------

Comm./Transportation

433.010 Telephone

Frontier, Inc.	Telephone Utility	\$63.10
----------------	-------------------	---------

433.020 Postage

Petty Cash WWTP	USPS / Overnight Delivery	\$23.75
UPS	Postage	\$13.69

433.040 Freight

Clark Truck Equipment Co Inc	Freight	\$84.48
Coldwell	Freight	\$9.04
Hach	Freight	\$30.89
Kirby Risk	Freight	\$25.09
Lawson Products	Freight	\$103.70
Lawson Products	Freight	\$120.40
Lawson Products	Freight	\$34.54
Midwest Industrial Equipment & Repair	Freight	\$89.39
S & K Equipment Company, Inc.	Freight	\$244.20
Southwestern Petroleum Corporation	Freight	\$38.00
USABluebook, Inc.	Freight	\$422.42
Verification Services, Inc.	Freight	\$45.34
Vigo Dodge, Inc.	Freight	\$7.00
Wise El Santo Co Inc.	Freight	\$119.14

Utility Services

436.010 Electric Utility

Duke Energy	Electric Utility	\$106.43
Duke Energy	Electric Utility	\$143.32
Duke Energy	Electric Utility	\$58.46
Duke Energy	Electric Utility	\$203.54
Duke Energy	Electric Utility	\$31,213.89
Duke Energy	Electric Utility	\$16,752.70
Duke Energy	Electric Utility	\$16,866.91
Duke Energy	Electric Utility	\$29,747.07
Duke Energy	Electric Utility	\$4,798.45
Duke Energy	Electric Utility	\$1,730.37
WIN Energy	Electric Utility	\$233.61

436.020 Gas Utility

Vectren	Gas Utility	\$51.17
Vectren	Gas Utility	\$46.00
Vectren	Gas Utility	\$784.79

436.030 Water Utility

IN American Water	Water Utility	\$36.95
IN American Water	Water Utility	\$57.39
IN American Water	Water Utility	\$122.31

Rep./Maint

437.010 Equipment Repair

Best Equipment Co., Inc.	Repaired the Camera Truck	\$230.28
--------------------------	---------------------------	----------

437.030 Vehicle Rep./Maint.

Mike's Stop & Shine	Car Washes	\$114.00
---------------------	------------	----------

438.010 Rental of Equipment

United Rentals	Rented a Dump Truck, Etc.	\$10,348.08
----------------	---------------------------	-------------

Machinery & Equipment

444.010 Equipment Purchase

Bruske Products, Inc.	Claw Brushes, Squeegees, Etc.	\$147.90
Clark Truck Equipment Co Inc	Winch Assembly	\$2,958.14
Fastenal	Socket Sets, Screwdriver Set, Etc.	\$344.15
Industrial Supply Equipment	Pipe Wrenches	\$151.20
John Deere Financial, Inc.	Nozzles	\$28.98
Kimball Midwest	Tap Set	\$428.13
Kirby Risk	Penlights, Fish Tape, Etc.	\$335.58
Koorsen Fire & Security, Inc.	Fire Hose, Splitter for Hose, Etc.	\$1,096.64
Lawson Products	Hole Saw, Drill Bits	\$653.30
Lawson Products	Drill Bits, Hole Saw, Etc.	\$328.50
Lowe's	Dryer	\$441.72
Matco	Tools	\$234.20
Menards	Crimp Tool, Tine Bow Rakes, Etc.	\$254.94
Menards	Pump	\$114.99
Praxair	Welder, Contact Tips, Wire, Etc.	\$4,376.41
Pro-Trade Tool & Supply Co.	Basin Wrench	\$18.95
Quality Automotive Dist. Corp.	Kerosene Can	\$18.79
Quality Automotive Dist. Corp.	Piston Ring Tool, Etc.	\$84.60
Quality Automotive Dist. Corp.	Booster Cables	\$122.31
Sam's Club	Mop	\$9.88
Sears Commercial One	Pressure Washer, Washer, Etc.	\$1,118.96
S & K Equipment Company, Inc.	Submersible Solids Handling Pump	\$11,071.00
USABluebook, Inc.	Manhole Hook, Chain Hoists	\$1,837.85
Valley Electric	Crimping Tool	\$32.93

444.180 Safety Equipment

Bradford Supply Company	Safety Glasses, Ear Plugs, Etc.	\$1,186.08
Bradford Supply Company	Safety Glasses	\$117.84
Pro-Trade Tool & Supply Co.	Safety Cones	\$229.50
Quality Automotive Dist. Corp.	Safety Glasses	\$9.98
Sam's Club	Safety Glasses	\$250.00

3/09/2017 Check Run \$7,650.80

3/16/2017 Check Run \$115,255.87

3/21/2017 Check Run \$103,032.66

Run date: 03/20/2017 @ 10:44
Bus date: 03/20/2017

City of Terre Haute
*** Journal entry trace ***

CS50514.L02 Page 2

Jnl	Period	Account	Description	Debit	Credit	Balance
EN		Encumbrance Journal				
	03 2017	A0620-0000-00-202.010	ACCOUNTS PAYABLE		2,811.26	
	03 2017	A0620-0061-03-432.010	SERVICES CONTRACTUAL	2,811.26		
		Total for Financial System		2,811.26	2,811.26	.00

Batch 150514 posted on 03/20/17 by 1057 for business date 03/20/17

Jnl	Description / Addnl data items	Ref 1	Ref 2	Ref 3	Rate / Resrce	Units	Amount / Rate	Posted amount
EN	DUKE ENERGY A0620-0000-00-202.010	208853	10540					143.32CR
EN	DUKE ENERGY A0620-0061-03-436.010	208853 ✓	10540					143.32
EN	DUKE ENERGY A0620-0000-00-202.010	208854	10540					58.46CR
EN	DUKE ENERGY A0620-0061-03-436.010	208854 ✓	10540					58.46
EN	DUKE ENERGY A0620-0000-00-202.010	208855	10540					203.54CR
EN	DUKE ENERGY A0620-0061-03-436.010	208855 ✓	10540					203.54
EN	DUKE ENERGY A0620-0000-00-202.010	208856	10540					31,213.89CR
EN	DUKE ENERGY A0620-0061-03-436.010	208856 ✓	10540					31,213.89
EN	DUKE ENERGY A0620-0000-00-202.010	208857	10540					16,752.20CR
EN	DUKE ENERGY A0620-0061-03-436.010	208857 ✓	10540					16,752.20
EN	DUKE ENERGY A0620-0000-00-202.010	208858	10540					16,866.91CR
EN	DUKE ENERGY A0620-0061-03-436.010	208858 ✓	10540					16,866.91
EN	DUKE ENERGY A0620-0000-00-202.010	208859	10540					29,747.07CR
EN	DUKE ENERGY A0620-0061-03-436.010	208859 ✓	10540					29,747.07
EN	DUKE ENERGY A0620-0000-00-202.010	208860	10540					4,798.45CR
EN	DUKE ENERGY A0620-0061-03-436.010	208860 ✓	10540					4,798.45
EN	DUKE ENERGY A0620-0000-00-202.010	208861	10540					1,730.87CR
EN	DUKE ENERGY A0620-0061-03-436.010	208861 ✓	10540					1,730.87
EN	FRONTIER, INC. A0620-0000-00-202.010	208862	3773					63.10CR
EN	FRONTIER, INC. A0620-0061-03-433.010	208862 ✓	3773					63.10
EN	IN INDUSTRIAL OPERATORS ASSOC. A0620-0000-00-202.010	208863	2378					185.00CR
EN	IN INDUSTRIAL OPERATORS ASSOC. A0620-0061-03-432.020	208863	2378					185.00
EN	JOHN DEERE FINANCIAL, INC. A0620-0000-00-202.010	208864	3994					150.00CR
EN	JOHN DEERE FINANCIAL, INC. A0620-0061-02-422.005	208864 ✓	3994					150.00
EN	REPUBLIC SERVICES OF WESTERN I A0620-0000-00-202.010	208865	11571					11,159.70CR
EN	REPUBLIC SERVICES OF WESTERN I A0620-0061-03-432.072	208865 ✓	11571					11,159.70
EN	SEARS A0620-0000-00-202.010	208866	12736					1,118.96CR

*✓
Mark
paid*

*Jim Adams
 [Signature]
 Cheryl [Signature]*

Run date: 03/16/2017 @ 08:55
Bus date: 03/16/2017

City of Terre Haute
* * * Journal entry trace * * *

CS50342.L02 Page 2

Jnl	Description / Addnl data items	Ref 1	Ref 2	Ref 3	Rate / Resrce	Units	Amount / Rate	Posted amount
EN	SEARS A0620-0061-04-444.010	208866 ✓	12736					1,118.96
EN	VECTREN ENERGY DELIVERY A0620-0000-00-202.010	208867	40					46.00CR
EN	VECTREN ENERGY DELIVERY A0620-0061-03-436.020	208867 ✓	40					46.00
EN	VECTREN ENERGY DELIVERY A0620-0000-00-202.010	208868	40					784.79CR
EN	VECTREN ENERGY DELIVERY A0620-0061-03-436.020	208868 ✓	40					784.79
EN	WIN ENERGY REMC A0620-0000-00-202.010	208869	13281 ✓					233.61CR
EN	WIN ENERGY REMC A0620-0061-03-436.010	208869 ✓	13281					233.61

Batch 150342 posted on 03/16/17 by 27 for business date 03/16/17

Jnl	Period	Account	Description	Debit	Credit	Balance
LN		Encumbrance Journal				
	03 2017	A0620-0000-00-202.010	ACCOUNTS PAYABLE		115,255.87	
	03 2017	A0620-0061-02-422.005	OPERATING SUPPLIES	150.00		
	03 2017	A0620-0061-03-432.020	INSTRUCTION	185.00		
	03 2017	A0620-0061-03-432.072	SYCAMORE RIDGE LANDFILL	11,159.70		
	03 2017	A0620-0061-03-433.010	TELEPHONE	63.10		
	03 2017	A0620-0061-03-436.010	ELECTRIC UTILITY	101,748.32		
	03 2017	A0620-0061-03-436.020	GAS UTILITY	830.79		
	03 2017	A0620-0061-04-444.010	PURCHASE OF EQUIPMENT	1,118.96		
		Total for Financial System		115,255.87	115,255.87	.00

Batch 150342 posted on 03/16/17 by 27 for business date 03/16/17

Jnl	Description / Addnl data items	Ref 1	Ref 2	Ref 3	Rate / Resrce	Units	Amount / Rate	Posted amount
EN	A-1 SANITATION, LLC. A0620-0000-00-202.010	208895	701					72.00CR
EN	A-1 SANITATION, LLC. A0620-0061-03-432.010	208895	701					72.00
EN	AIRGAS USA, LLC A0620-0000-00-202.010	208896	1241					889.53CR
EN	AIRGAS USA, LLC A0620-0061-02-422.005	208896	1241					15.90
EN	AIRGAS USA, LLC A0620-0061-02-422.110	208896	1241					873.63
EN	AMERICAN WATER CAPITAL CORP. A0620-0000-00-202.010	208897	15					6,055.00CR
EN	AMERICAN WATER CAPITAL CORP. A0620-0061-03-432.010	208897	15					6,055.00
EN	AMERICAN WELDING & GAS, INC. A0620-0000-00-202.010	208898	3376					33.23CR
EN	AMERICAN WELDING & GAS, INC. A0620-0061-02-422.005	208898	3376					33.23
EN	ARAMARK UNIFORM SERVICES, INC. A0620-0000-00-202.010	208899	10208					510.82CR
EN	ARAMARK UNIFORM SERVICES, INC. A0620-0061-01-414.010	208899	10208					510.82
EN	ARAMARK UNIFORM SERVICES, INC. A0620-0000-00-202.010	208900	10208					500.98CR
EN	ARAMARK UNIFORM SERVICES, INC. A0620-0061-01-414.010	208900	10208					500.98
EN	BEST EQUIPMENT CO., INC. A0620-0000-00-202.010	208901	10344					230.28CR
EN	BEST EQUIPMENT CO., INC. A0620-0061-03-437.010	208901	10344					230.28
EN	BOOT CITY A0620-0000-00-202.010	208902	10396					1,316.78CR
EN	BOOT CITY A0620-0061-02-422.005	208902	10396					1,316.78
EN	BOOT CITY A0620-0000-00-202.010	208903	10396					1,329.90CR
EN	BOOT CITY A0620-0061-02-422.005	208903	10396					1,329.90
EN	BOOT CITY A0620-0000-00-202.010	208904	10396					566.99CR
EN	BOOT CITY A0620-0061-01-414.020	208904	10396					140.00
EN	BOOT CITY A0620-0061-02-422.005	208904	10396					426.99
EN	BRADFORD SUPPLY COMPANY A0620-0000-00-202.010	208905	5602					2,721.33CR
EN	BRADFORD SUPPLY COMPANY A0620-0061-01-414.020	208905	5602					761.71
EN	BRADFORD SUPPLY COMPANY A0620-0061-02-422.005	208905	5602					773.54
EN	BRADFORD SUPPLY COMPANY A0620-0061-04-444.180	208905	5602					1,186.08
EN	BRADFORD SUPPLY COMPANY A0620-0000-00-202.010	208906	5602					603.29CR

Tim Adams
Chris [Signature]

Jnl	Description / Addnl data items	Ref 1	Ref 2	Ref 3	Rate / Resrce	Units	Amount / Rate	Posted amount
EN	BRADFORD SUPPLY COMPANY A0620-0061-01-414.020	208906	5602					125.65
EN	BRADFORD SUPPLY COMPANY A0620-0061-02-422.005	208906	5602					359.80
EN	BRADFORD SUPPLY COMPANY A0620-0061-04-444.180	208906	5602					117.84
EN	BRIAN SULLIVAN A0620-0000-00-202.010	208907	5607					510.60CR
EN	BRIAN SULLIVAN A0620-0061-00-347.090	208907	5607					510.60
EN	BRUSKE PRODUCTS, INC. A0620-0000-00-202.010	208908	1924					147.90CR
EN	BRUSKE PRODUCTS, INC. A0620-0061-04-444.010	208908	1924					147.90
EN	CITY OF TERRE HAUTE MAINTENANC A0620-0000-00-202.010	208909	3688					168.00CR
EN	CITY OF TERRE HAUTE MAINTENANC A0620-0061-02-421.010	208909	3688					168.00
EN	CLARK TRUCK EQUIPMENT CO., INC A0620-0000-00-202.010	208910	10572					3,042.62CR
EN	CLARK TRUCK EQUIPMENT CO., INC A0620-0061-03-433.040	208910	10572					84.48
EN	CLARK TRUCK EQUIPMENT CO., INC A0620-0061-04-444.010	208910	10572					2,958.14
EN	COLDWELL & COMPANY, INC A0620-0000-00-202.010	208911	10598					1,360.30CR
EN	COLDWELL & COMPANY, INC A0620-0061-02-423.015	208911	10598					1,351.26
EN	COLDWELL & COMPANY, INC A0620-0061-03-433.040	208911	10598					9.04
EN	COMMONWEALTH BIOMONITORING, IN A0620-0000-00-202.010	208912	10616					2,000.00CR
EN	COMMONWEALTH BIOMONITORING, IN A0620-0061-03-432.071	208912	10616					2,000.00
EN	CONTROLWORX LLC. A0620-0000-00-202.010	208913	5001					22,000.00CR
EN	CONTROLWORX LLC. A0620-0061-03-432.010	208913	5001					22,000.00
EN	FASTENAL COMPANY, INC. A0620-0000-00-202.010	208914	10934					95.70CR
EN	FASTENAL COMPANY, INC. A0620-0061-02-423.015	208914	10934					95.70
EN	FASTENAL COMPANY, INC. A0620-0000-00-202.010	208915	10934					344.15CR
EN	FASTENAL COMPANY, INC. A0620-0061-04-444.010	208915	10934					344.15
EN	FERGUSON WATERWORKS A0620-0000-00-202.010	208916	2705					317.31CR
EN	FERGUSON WATERWORKS A0620-0061-03-432.010	208916	2705					317.31
EN	FIRSTECH, INC. A0620-0000-00-202.010	208917	4527					493.50CR
EN	FIRSTECH, INC. A0620-0061-03-432.010	208917	4527					493.50

Jnl	Description / Addnl data items	Ref 1	Ref 2	Ref 3	Rate / Resrce	Units	Amount / Rate	Posted amount
EN	GILL'S TOWING & RECOVERY A0620-0000-00-202.010	208918	4295					40.00CR
EN	GILL'S TOWING & RECOVERY A0620-0061-03-432.010	208918	4295					40.00
EN	HACH COMPANY A0620-0000-00-202.010	208919	11163					347.63CR
EN	HACH COMPANY A0620-0061-02-422.160	208919	11163					316.74
EN	HACH COMPANY A0620-0061-03-433.040	208919	11163					30.89
EN	HANNUM, WAGLE & CLINE ENGINEER A0620-0000-00-202.010	208920	11173					2,266.00CR
EN	HANNUM, WAGLE & CLINE ENGINEER A0620-0061-03-432.010	208920	11173					2,266.00
EN	INDIANA CHAMBER OF COMMERCE A0620-0000-00-202.010	208921	11414					500.00CR
EN	INDIANA CHAMBER OF COMMERCE A0620-0061-03-432.010	208921	11414					500.00
EN	ILLIANA TRUCK PARTS, INC A0620-0000-00-202.010	208922	11317					375.00CR
EN	ILLIANA TRUCK PARTS, INC A0620-0061-02-423.015	208922	11317					375.00
EN	INDUSTRIAL SUPPLY COMPANY A0620-0000-00-202.010	208923	11534					292.19CR
EN	INDUSTRIAL SUPPLY COMPANY A0620-0061-02-422.005	208923	11534					40.47
EN	INDUSTRIAL SUPPLY COMPANY A0620-0061-02-423.015	208923	11534					100.52
EN	INDUSTRIAL SUPPLY COMPANY A0620-0061-04-444.010	208923	11534					151.20
EN	INTERSTATE BATTERY SYSTEM, INC A0620-0000-00-202.010	208924	11523					99.00CR
EN	INTERSTATE BATTERY SYSTEM, INC A0620-0061-02-423.015	208924	11523					99.00
EN	JONES & SONS, INC. A0620-0000-00-202.010	208925	11598					1,364.00CR
EN	JONES & SONS, INC. A0620-0061-02-422.005	208925	11598					514.00
EN	JONES & SONS, INC. A0620-0061-02-423.015	208925	11598					850.00
EN	JONES & SONS, INC. A0620-0000-00-202.010	208926	11598					1,429.05CR
EN	JONES & SONS, INC. A0620-0061-02-422.005	208926	11598					555.50
EN	JONES & SONS, INC. A0620-0061-02-423.015	208926	11598					873.55
EN	JONES & SONS, INC. A0620-0000-00-202.010	208927	11598					2,289.25CR
EN	JONES & SONS, INC. A0620-0061-02-422.005	208927	11598					138.50
EN	JONES & SONS, INC. A0620-0061-02-423.015	208927	11598					2,150.75
EN	JONES & SONS, INC. A0620-0000-00-202.010	208928	11598					133.75CR

Jnl	Description / Addnl data items	Ref 1	Ref 2	Ref 3	Rate / Resrce	Units	Amount / Rate	Posted amount
EN	JONES & SONS, INC. A0620-0061-02-422.005	208928	11598					12.50
EN	JONES & SONS, INC. A0620-0061-02-423.015	208928	11598					121.25
EN	KELLY METAL PRODUCTS, INC A0620-0000-00-202.010	208929	11622					36.40CR
EN	KELLY METAL PRODUCTS, INC A0620-0061-02-423.015	208929	11622					36.40
EN	KEYSTONE AUTOMOTIVE INDUSTRIES A0620-0000-00-202.010	208930	4449					800.25CR
EN	KEYSTONE AUTOMOTIVE INDUSTRIES A0620-0061-02-423.015	208930	4449					800.25
EN	KIMBALL MIDWEST, INC. A0620-0000-00-202.010	208931	11637					1,601.50CR
EN	KIMBALL MIDWEST, INC. A0620-0061-02-422.005	208931	11637					711.08
EN	KIMBALL MIDWEST, INC. A0620-0061-02-423.015	208931	11637					462.29
EN	KIMBALL MIDWEST, INC. A0620-0061-04-444.010	208931	11637					428.13
EN	KIRBY RISK SUPPLY, INC. A0620-0000-00-202.010	208932	11645					569.84CR
EN	KIRBY RISK SUPPLY, INC. A0620-0061-02-423.015	208932	11645					209.17
EN	KIRBY RISK SUPPLY, INC. A0620-0061-03-433.040	208932	11645					25.09
EN	KIRBY RISK SUPPLY, INC. A0620-0061-04-444.010	208932	11645					335.58
EN	KOORSEN FIRE & SECURITY, INC. A0620-0000-00-202.010	208933	1675					1,266.64CR
EN	KOORSEN FIRE & SECURITY, INC. A0620-0061-03-432.010	208933	1675					170.00
EN	KOORSEN FIRE & SECURITY, INC. A0620-0061-04-444.010	208933	1675					1,096.64
EN	LAWSON PRODUCTS, INC. A0620-0000-00-202.010	208934	11703					1,164.00CR
EN	LAWSON PRODUCTS, INC. A0620-0061-02-422.005	208934	11703					407.00
EN	LAWSON PRODUCTS, INC. A0620-0061-03-433.040	208934	11703					103.70
EN	LAWSON PRODUCTS, INC. A0620-0061-04-444.010	208934	11703					653.30
EN	LAWSON PRODUCTS, INC. A0620-0000-00-202.010	208935	11703					2,033.66CR
EN	LAWSON PRODUCTS, INC. A0620-0061-02-422.005	208935	11703					660.15
EN	LAWSON PRODUCTS, INC. A0620-0061-02-423.015	208935	11703					924.61
EN	LAWSON PRODUCTS, INC. A0620-0061-03-433.040	208935	11703					120.40
EN	LAWSON PRODUCTS, INC. A0620-0061-04-444.010	208935	11703					328.50
EN	LAWSON PRODUCTS, INC. A0620-0000-00-202.010	208936	11703					504.46CR

Jnl	Description / Addnl data items	Ref 1	Ref 2	Ref 3	Rate / Resrce	Units	Amount / Rate	Posted amount
EN	LAWSON PRODUCTS, INC. A0620-0061-02-423.015	208936	11703					469.92
EN	LAWSON PRODUCTS, INC. A0620-0061-03-433.040	208936	11703					34.54
EN	MACALLISTER MACHINERY CO., INC A0620-0000-00-202.010	208937	11751					53.39CR
EN	MACALLISTER MACHINERY CO., INC A0620-0061-03-432.010	208937	11751					53.39
EN	MATCO TOOLS A0620-0000-00-202.010	208938	11788					234.20CR
EN	MATCO TOOLS A0620-0061-04-444.010	208938	11788					234.20
EN	McCORD TIRE SERVICE, INC. A0620-0000-00-202.010	208939	11802					187.62CR
EN	McCORD TIRE SERVICE, INC. A0620-0061-02-423.015	208939	11802					187.62
EN	MCCOY & MCCOY LABORATORIES, IN A0620-0000-00-202.010	208940	1784					280.00CR
EN	MCCOY & MCCOY LABORATORIES, IN A0620-0061-03-432.071	208940	1784					280.00
EN	MENARDS, INC. A0620-0000-00-202.010	208941	11829					842.29CR
EN	MENARDS, INC. A0620-0061-02-422.005	208941	11829					118.92
EN	MENARDS, INC. A0620-0061-02-423.015	208941	11829					468.43
EN	MENARDS, INC. A0620-0061-04-444.010	208941	11829					254.94
EN	MENARDS, INC. A0620-0000-00-202.010	208942	11829					259.02CR
EN	MENARDS, INC. A0620-0061-02-422.005	208942	11829					20.46
EN	MENARDS, INC. A0620-0061-02-423.015	208942	11829					123.57
EN	MENARDS, INC. A0620-0061-04-444.010	208942	11829					114.99
EN	MIDWEST INDIANA EQUIPMENT & RE A0620-0000-00-202.010	208943	12270					734.08CR
EN	MIDWEST INDIANA EQUIPMENT & RE A0620-0061-02-423.015	208943	12270					644.69
EN	MIDWEST INDIANA EQUIPMENT & RE A0620-0061-03-433.040	208943	12270					89.39
EN	MIKE'S STOP & SHINE A0620-0000-00-202.010	208944	1134					114.00CR
EN	MIKE'S STOP & SHINE A0620-0061-03-437.030	208944	1134					114.00
EN	ONE SOURCE EQUIPMENT RENTALS, A0620-0000-00-202.010	208945	2523					97.93CR
EN	ONE SOURCE EQUIPMENT RENTALS, A0620-0061-02-423.015	208945	2523					97.93
EN	O'REILLY AUTO PARTS, INC. A0620-0000-00-202.010	208946	2737					735.39CR
EN	O'REILLY AUTO PARTS, INC. A0620-0061-02-423.015	208946	2737					735.39

Run date: 03/17/2017 @ 10:17
 Bus date: 03/17/2017

City of Terre Haute
 * * * Journal entry trace * * *

Jnl	Description / Addnl data items	Ref 1	Ref 2	Ref 3	Rate / Resrce	Units	Amount / Rate	Posted amount
EN	PACE ANALYTICAL SERVICES, INC. A0620-0000-00-202.010	208947	4537					28.00CR
EN	PACE ANALYTICAL SERVICES, INC. A0620-0061-03-432.071	208947	4537					28.00
EN	PACE ANALYTICAL SERVICES, INC. A0620-0000-00-202.010	208948	4537					58.00CR
EN	PACE ANALYTICAL SERVICES, INC. A0620-0061-03-432.071	208948	4537					58.00
EN	PETTY CASH WWTP A0620-0000-00-202.010	208949	12204					23.75CR
EN	PETTY CASH WWTP A0620-0061-03-433.020	208949	12204					23.75
EN	PRAXAIR DISTRIBUTION, INC. A0620-0000-00-202.010	208950	12279					55.46CR
EN	PRAXAIR DISTRIBUTION, INC. A0620-0061-02-422.110	208950	12279					55.46
EN	PRAXAIR DISTRIBUTION, INC. A0620-0000-00-202.010	208951	12279					4,376.41CR
EN	PRAXAIR DISTRIBUTION, INC. A0620-0061-04-444.010	208951	12279					4,376.41
EN	PRO-TRADE TOOL & SUPPLY CO. A0620-0000-00-202.010	208952	12322					248.45CR
EN	PRO-TRADE TOOL & SUPPLY CO. A0620-0061-04-444.010	208952	12322					18.95
EN	PRO-TRADE TOOL & SUPPLY CO. A0620-0061-04-444.180	208952	12322					229.50
EN	QUALITY AUTOMOTIVE DIST. CORP. A0620-0000-00-202.010	208953	12355					216.52CR
EN	QUALITY AUTOMOTIVE DIST. CORP. A0620-0061-02-423.015	208953	12355					187.75
EN	QUALITY AUTOMOTIVE DIST. CORP. A0620-0061-04-444.010	208953	12355					18.79
EN	QUALITY AUTOMOTIVE DIST. CORP. A0620-0061-04-444.180	208953	12355					9.98
EN	QUALITY AUTOMOTIVE DIST. CORP. A0620-0000-00-202.010	208954	12355					787.72CR
EN	QUALITY AUTOMOTIVE DIST. CORP. A0620-0061-02-422.005	208954	12355					12.58
EN	QUALITY AUTOMOTIVE DIST. CORP. A0620-0061-02-423.015	208954	12355					775.14
EN	QUALITY AUTOMOTIVE DIST. CORP. A0620-0000-00-202.010	208955	12355					291.21CR
EN	QUALITY AUTOMOTIVE DIST. CORP. A0620-0061-02-423.015	208955	12355					206.61
EN	QUALITY AUTOMOTIVE DIST. CORP. A0620-0061-04-444.010	208955	12355					84.60
EN	QUALITY AUTOMOTIVE DIST. CORP. A0620-0000-00-202.010	208956	12355					788.33CR
EN	QUALITY AUTOMOTIVE DIST. CORP. A0620-0061-02-422.005	208956	12355					232.98
EN	QUALITY AUTOMOTIVE DIST. CORP. A0620-0061-02-423.015	208956	12355					555.35
EN	QUALITY AUTOMOTIVE DIST. CORP. A0620-0000-00-202.010	208957	12355					603.15CR

Run date: 03/17/2017 @ 10:17
 Bus date: 03/17/2017

City of Terre Haute
 * * * Journal entry trace * * *

Jnl	Description / Addnl data items	Ref 1	Ref 2	Ref 3	Rate / Resrce	Units	Amount / Rate	Posted amount
EN	QUALITY AUTOMOTIVE DIST. CORP. A0620-0061-02-423.015	208957	12355					480.84
EN	QUALITY AUTOMOTIVE DIST. CORP. A0620-0061-04-444.010	208957	12355					122.31
EN	RED WING SHOE STORE, INC. A0620-0000-00-202.010	208958	12471					140.00CR
EN	RED WING SHOE STORE, INC. A0620-0061-01-414.020	208958	12471					140.00
EN	ROEHM REFRIGERATION, INC A0620-0000-00-202.010	208959	12582					253.00CR
EN	ROEHM REFRIGERATION, INC A0620-0061-02-423.015	208959	12582					253.00
EN	SEELYVILLE WATER & SEWAGE A0620-0000-00-202.010	208960	12749					1,437.00CR
EN	SEELYVILLE WATER & SEWAGE A0620-0061-03-432.010	208960	12749					1,437.00
EN	S & K EQUIPMENT COMPANY, INC. A0620-0000-00-202.010	208961	623					11,315.20CR
EN	S & K EQUIPMENT COMPANY, INC. A0620-0061-03-433.040	208961	623					244.20
EN	S & K EQUIPMENT COMPANY, INC. A0620-0061-04-444.010	208961	623					11,071.00
EN	SOUTHWEST AUTO COMPANY, INC. A0620-0000-00-202.010	208962	12944					65.00CR
EN	SOUTHWEST AUTO COMPANY, INC. A0620-0061-02-423.015	208962	12944					65.00
EN	SOUTHWESTERN PETROLEUM CORP. A0620-0000-00-202.010	208963	1024					305.60CR
EN	SOUTHWESTERN PETROLEUM CORP. A0620-0061-02-422.005	208963	1024					267.60
EN	SOUTHWESTERN PETROLEUM CORP. A0620-0061-03-433.040	208963	1024					38.00
EN	TOWN & COUNTRY FORD A0620-0000-00-202.010	208964	12748					903.08CR
EN	TOWN & COUNTRY FORD A0620-0061-02-423.015	208964	12748					903.08
EN	UNITED REFRIGERATION, INC. A0620-0000-00-202.010	208965	12892					355.36CR
EN	UNITED REFRIGERATION, INC. A0620-0061-02-423.015	208965	12892					355.36
EN	UNITED RENTALS, INC. A0620-0000-00-202.010	208966	12894					10,348.08CR
EN	UNITED RENTALS, INC. A0620-0061-03-438.010	208966	12894					10,348.08
EN	UNITED PARCEL SVC A0620-0000-00-202.010	208967	249					13.69CR
EN	UNITED PARCEL SVC A0620-0061-03-433.020	208967	249					13.69
EN	USABLUEBOOK, LTD A0620-0000-00-202.010	208968	3498					2,260.27CR
EN	USABLUEBOOK, LTD A0620-0061-03-433.040	208968	3498					422.42
EN	USABLUEBOOK, LTD A0620-0061-04-444.010	208968	3498					1,837.85

Jnl	Description / Addnl data items	Ref 1	Ref 2	Ref 3	Rate / Resrce	Units	Amount / Rate	Posted amount
EN	VALLEY ELECTRIC SUPPLY CORP. A0620-0000-00-202.010	208969	12987					275.61CR
EN	VALLEY ELECTRIC SUPPLY CORP. A0620-0061-02-422.005	208969	12987					60.08
EN	VALLEY ELECTRIC SUPPLY CORP. A0620-0061-02-423.015	208969	12987					132.35
EN	VALLEY ELECTRIC SUPPLY CORP. A0620-0061-03-432.010	208969	12987					50.25
EN	VALLEY ELECTRIC SUPPLY CORP. A0620-0061-04-444.010	208969	12987					32.93
EN	VERIFICATION SERVICES, INC. A0620-0000-00-202.010	208970	4544					95.34CR
EN	VERIFICATION SERVICES, INC. A0620-0061-03-432.010	208970	4544					50.00
EN	VERIFICATION SERVICES, INC. A0620-0061-03-433.040	208970	4544					45.34
EN	VIGO DODGE, INC A0620-0000-00-202.010	208971	13123					151.64CR
EN	VIGO DODGE, INC A0620-0061-02-423.015	208971	13123					144.64
EN	VIGO DODGE, INC A0620-0061-03-433.040	208971	13123					7.00
EN	WISE EL SANTO CO, INC A0620-0000-00-202.010	208972	13286					1,076.14CR
EN	WISE EL SANTO CO, INC A0620-0061-02-422.005	208972	13286					957.00
EN	WISE EL SANTO CO, INC A0620-0061-03-433.040	208972	13286					119.14
EN	ZINKAN ENTERPRISES, INC. A0620-0000-00-202.010	208973	2507					200.00CR
EN	ZINKAN ENTERPRISES, INC. A0620-0061-03-432.010	208973	2507					200.00
EN	Z TECH AUDIO + A0620-0000-00-202.010	208974	1330					399.90CR
EN	Z TECH AUDIO + A0620-0061-02-423.015	208974	1330					399.90

Batch 150451 posted on 03/17/17 by 27 for business date 03/17/17

Run date: 03/17/2017 @ 10:17
Bus date: 03/17/2017

City of Terre Haute
* * * Journal entry trace * * *

CS50451.L02 Page 9

Jnl	Period	Account	Description	Debit	Credit	Balance
EN		Encumbrance Journal				
	03 2017	A0620-0000-00-202.010	ACCOUNTS PAYABLE		103,032.66	
	03 2017	A0620-0061-00-347.090	USER FEES	510.60		
	03 2017	A0620-0061-01-414.010	LAUNDRY & UNIFORMS	1,011.80		
	03 2017	A0620-0061-01-414.020	PROTECTIVE CLOTHING	1,167.36		
	03 2017	A0620-0061-02-421.010	OFFICE SUPPLIES	168.00		
	03 2017	A0620-0061-02-422.005	OPERATING SUPPLIES	8,964.96		
	03 2017	A0620-0061-02-422.110	BOC	929.09		
	03 2017	A0620-0061-02-422.160	LAB SUPPLIES	316.74		
	03 2017	A0620-0061-02-423.015	REPAIR SUPPLIES	15,636.32		
	03 2017	A0620-0061-03-432.010	SERVICES CONTRACTUAL	33,704.45		
	03 2017	A0620-0061-03-432.071	LAB TESTING	2,366.00		
	03 2017	A0620-0061-03-433.020	POSTAGE	37.44		
	03 2017	A0620-0061-03-433.040	FREIGHT	1,373.63		
	03 2017	A0620-0061-03-437.010	EQUIPMENT REPAIR & MAINTENANCE	230.28		
	03 2017	A0620-0061-03-437.030	VEHICLE REPAIR & MAINTENANCE	114.00		
	03 2017	A0620-0061-03-438.010	RENTAL OF EQUIPMENT	10,348.08		
	03 2017	A0620-0061-04-444.010	PURCHASE OF EQUIPMENT	24,610.51		
	03 2017	A0620-0061-04-444.180	PURCHASE OF SAFETY EQUIPMENT	1,543.40		
		Total for Financial System		103,032.66	103,032.66	.00

Batch 150451 posted on 03/17/17 by 27 for business date 03/17/17

Jnl	Description / Addnl data items	Ref 1	Ref 2	Ref 3	Rate / Resrce	Units	Amount / Rate	Posted amount
EN	DUKE ENERGY A0620-0000-00-202.010	208754	10540					106.43CR
EN	DUKE ENERGY A0620-0061-03-436.010	208754	10540 ✓					106.43
EN	IN AMERICAN WATER COMPANY A0620-0000-00-202.010	208755	11331					36.95CR
EN	IN AMERICAN WATER COMPANY A0620-0061-03-436.030	208755	11331 ✓					36.95
EN	IN AMERICAN WATER COMPANY A0620-0000-00-202.010	208756	11331					57.39CR
EN	IN AMERICAN WATER COMPANY A0620-0061-03-436.030	208756	11331 ✓					57.39
EN	IN AMERICAN WATER COMPANY A0620-0000-00-202.010	208757	11331 ✓					122.31CR
EN	IN AMERICAN WATER COMPANY A0620-0061-03-436.030	208757	11331 ✓					122.31
EN	JOHN DEERE FINANCIAL, INC. A0620-0000-00-202.010	208758	3994					927.24CR
EN	JOHN DEERE FINANCIAL, INC. A0620-0061-02-422.005	208758	3994					898.26
EN	JOHN DEERE FINANCIAL, INC. A0620-0061-04-444.010	208758 ✓	3994					28.98
EN	JOHN DEERE FINANCIAL, INC. A0620-0000-00-202.010	208759	3994					1,189.83CR
EN	JOHN DEERE FINANCIAL, INC. A0620-0061-02-422.005	208759 ✓	3994					1,189.83
EN	JRM ENVIRONMENTAL, INC. A0620-0000-00-202.010	208760	2090					625.00CR
EN	JRM ENVIRONMENTAL, INC. A0620-0061-03-432.071	208760 ✓	2090					625.00
EN	LOWE'S A0620-0000-00-202.010	208761	11741					1,014.38CR
EN	LOWE'S A0620-0061-02-422.005	208761	11741					5.51
EN	LOWE'S A0620-0061-02-423.015	208761	11741					567.15
EN	LOWE'S A0620-0061-04-444.010	208761 ✓	11741					441.72
EN	SAM'S CLUB A0620-0000-00-202.010	208762	12662					393.43CR
EN	SAM'S CLUB A0620-0061-03-432.010	208762 ✓	12662					393.43
EN	SAM'S CLUB A0620-0000-00-202.010	208763	12662					564.42CR
EN	SAM'S CLUB A0620-0061-02-422.005	208763	12662					304.54
EN	SAM'S CLUB A0620-0061-04-444.010	208763	12662					9.88
EN	SAM'S CLUB A0620-0061-04-444.180	208763 ✓	12662					250.00
EN	TIME WARNER CABLE, INC. A0620-0000-00-202.010	208764	12719					2,562.25CR
EN	TIME WARNER CABLE, INC. A0620-0061-03-432.010	208764 ✓	12719					2,562.25

Mark paid

Tom Adams
Chris E...

Run date: 03/09/2017 @ 10:29
Bus date: 03/09/2017

City of Terre Haute
* * * Journal entry trace * * *

CS50028.L02 Page 2

Jnl	Description / Addnl data items	Ref 1	Ref 2	Ref 3	Rate / Resrce	Units	Amount / Rate	Posted amount
EN	VECTREN ENERGY DELIVERY A0620-0000-00-202.010	208765	40					51.17CR
EN	VECTREN ENERGY DELIVERY A0620-0061-03-436.020	208765	40					51.17

Batch 150028 posted on 03/09/17 by 27 for business date 03/09/17

Run date: 03/09/2017 @ 10:29
Bus date: 03/09/2017

City of Terre Haute
*** Journal entry trace ***

CS50028.L02 Page 3

Jnl	Period	Account	Description	Debit	Credit	Balance
EN		Encumbrance Journal				
	03	2017 A0620-0000-00-202.010	ACCOUNTS PAYABLE		7,650.80	
	03	2017 A0620-0061-02-422.005	OPERATING SUPPLIES	2,398.14		
	03	2017 A0620-0061-02-423.015	REPAIR SUPPLIES	567.15		
	03	2017 A0620-0061-03-432.010	SERVICES CONTRACTUAL	2,955.68		
	03	2017 A0620-0061-03-432.071	LAB TESTING	625.00		
	03	2017 A0620-0061-03-436.010	ELECTRIC UTILITY	106.43		
	03	2017 A0620-0061-03-436.020	GAS UTILITY	51.17		
	03	2017 A0620-0061-03-436.030	WATER UTILITY	216.65		
	03	2017 A0620-0061-04-444.010	PURCHASE OF EQUIPMENT	480.58		
	03	2017 A0620-0061-04-444.180	PURCHASE OF SAFETY EQUIPMENT	250.00		
		Total for Financial System		7,650.80	7,650.80	.00

Batch 150028 posted on 03/09/17 by 27 for business date 03/09/17

HWC ENGINEERING
601 S. 3rd Street
Terre Haute, Indiana 47807
812-234-2551 Phone
812-234-9067 Fax

AGREEMENT TO PROVIDE SERVICES

This AGREEMENT is recognized as being established the ____ day of _____, 2017, by and between HWC Engineering, Inc., of Terre Haute, Indiana (hereinafter referred to as "HWC") and City of Terre Haute, Indiana (hereinafter referred to as "CLIENT"), concerning the following:

The Project Name, Location, and Address are:

City of Terre Haute
Wastewater Treatment Facility Phosphorous Removal Improvements
Terre Haute, Indiana

The CLIENT's Name and Address is:

Terre Haute Sanitary District
City of Terre Haute
17 Harding Avenue
Terre Haute, IN 47807

The Project's Designated CLIENT Representative and his/her contact information (including title, address, phone number, fax number, and e-mail address) are:

Mark Thompson, Wastewater Utility Director
City of Terre Haute Wastewater Utility
3200 South State Road 63
Terre Haute, IN 47802
Phone: 812-244-5500
Mark.Thompson@terrehaute.in.gov

The Project's Designated HWC Representative and his/her contact information (including title, address, phone number, fax number and e-mail address) are:

Eric M. Smith, PE
Partner / Director - Water Resources Group
601 South 3rd Street
Terre Haute, IN 47807
Phone: 812-234-2551 Ext. 410
Fax: 812-234-9067
esmith@hwcengineering.com

The applicable HWC Project Number is: 2017-018



WWTF Phosphorous Removal Improvements
Terre Haute, Indiana

administrative agency or other authority with proper jurisdiction, or if it is reasonably necessary for HWC to defend itself from any suit or claim.

Having received verbal and/or written permission from the CLIENT, HWC may use certain non-proprietary Project information within its marketing documents as deemed appropriate by the CLIENT and HWC.

HWC may be required to report on the past or current qualifications and/or performance of others engaged or being considered for engagement directly or indirectly by the CLIENT, and to render opinions and advice in that regard. Those about whom reports and opinions are rendered may as a consequence initiate claims of libel or slander against HWC. ~~To help create an atmosphere in which HWC feels free to express its experience and candid opinions in the interest of the CLIENT, the CLIENT agrees, to the fullest extent of the law, to indemnify and hold harmless HWC from any claim, liability or cost (including reasonable attorney's fees and costs of defense) for injury or loss arising or allegedly arising from the professional opinions and reports rendered by HWC to the CLIENT or the CLIENT's agents.~~

Certifications, Guarantees, and Warranties

The standard of care for all professional engineering and related services performed or furnished by HWC under this Agreement will be the care and skill ordinarily used by members of HWC's profession practicing under similar circumstances at the same time in the same locality. HWC makes no warranties, express or implied, under this Agreement or otherwise, in connection with HWC's services.

HWC's opinions of probable Construction Cost provided herein are to be made on the basis of HWC's experience and qualifications and represent HWC's best judgment as an experienced and qualified professional generally familiar with the industry. However, since HWC has no control over the cost of labor, materials, equipment, or services furnished by others, or over the Contractor's methods of determining prices, or over competitive bidding or market conditions, HWC cannot and does not guarantee that proposals, bids, or actual Construction Cost will not vary from opinions of probable Construction Cost prepared by HWC.

HWC shall not be required to sign any documents, no matter by whom requested that would result in HWC having to certify, guarantee, or warrant the existence of conditions whose existence HWC cannot ascertain. The CLIENT also agrees not to make resolution of any dispute with HWC or payment of any amount due to HWC in any way contingent upon HWC's signing any such certification.

HWC shall not be required to execute any documents subsequent to the signing of this Agreement that in any way might, in the sole judgment of HWC, increase HWC's contractual or legal obligations or risks, or the availability or cost of HWC's professional or general liability insurance.

CLIENT Responsibilities

The CLIENT shall:

1. Provide full information as to his requirements for the Project
2. Assist HWC by placing at HWC's disposal all available information pertinent to the Project
3. Guarantee access to and make all provisions for HWC to enter public and private sites relative to the Project
4. Examine all data, reports, and other documents prepared or presented by HWC and shall render in writing decisions pertaining thereto so as not to delay the work of HWC
5. Provide such legal, accounting, and insurance counseling services as may be required for the Project
6. Obtain approval of governmental authorities having jurisdiction over the Project and such approvals and consents from such other individuals or bodies as may be necessary for completion of the Project
7. Furnish, or direct HWC to provide at the CLIENT's expense, necessary additional services or other services as required
8. Advertise for proposals from bidders, open the proposals at the appointed time and place, and pay for costs incident thereto
9. Pay for permits, approvals, fees, and advertising of any legal notices. HWC shall assist the CLIENT in applying for or obtaining such items as typically required by law for projects similar to the one for which HWC's services are being engaged. Such assistance consists of completing and submitting forms as to the results of certain work included in the Scope of Services.



HWC
ENGINEERING

WWTF Phosphorous Removal Improvements
Terre Haute, Indiana

Delays

HWC is not responsible for delays caused by factors beyond HWC's reasonable control, including but not limited to delays because of strikes, lockouts, work slowdowns or stoppages, accidents, acts of God, failure of any governmental or other regulatory authority to act in a timely manner, failure of the CLIENT to furnish timely information or approve or disapprove of HWC's services or work product promptly, or delays caused by faulty performance by the CLIENT or by contractors at any level. When such delays beyond HWC's reasonable control occur, the CLIENT agrees that HWC is not responsible for damages, nor shall HWC be deemed to be in default of this Agreement.

Insurance

HWC shall procure and maintain insurance as follows:

1. Professional liability insurance for claims arising from the negligent performance of professional services under this Agreement, which shall be either: General Office Coverage or Project Specific Professional Liability Insurance, with a per occurrence limit of not less than \$2,000,000.00. The Professional Liability Insurance shall contain prior acts coverage sufficient to cover all Services performed by HWC, and Worker's Compensation, disability benefit, or any other similar employee benefit laws, including bodily injury, occupational sickness or disease of an employee;
2. Commercial General Liability Insurance, with a per occurrence limit of not less than \$1,000,000.00;
3. Additionally, HWC shall require its Consultants to maintain Commercial General Liability and Comprehensive Automobile Liability coverage.

CLIENT shall procure and maintain insurance as follows:

1. Commercial General Liability Insurance, with a per occurrence limit of not less than \$5,000,000.00

CLIENT shall cause HWC and HWC's Consultants to be listed as additional insured on any general liability or property insurance policies carried by CLIENT which are applicable to the Project.

CLIENT shall require Contractor to purchase and maintain general liability and other insurance as specified in the Contract Documents and to cause HWC, HWC's Consultants and CLIENT to be listed as additional insured with respect to such liability and other insurance purchased and maintained by Contractor for the Project.

CLIENT and HWC shall each deliver to the other certificates of insurance evidencing the coverage indicated in this Agreement. Such certificates shall be furnished prior to commencement of HWC's services and at renewals thereafter during the life of the Agreement.

All policies of property insurance shall contain provisions to the effect that HWC's and HWC's Consultants' interests are covered and that in the event of payment of any loss or damage the insurers will have no rights of recovery against any of the insured's or additional insured's there under.

Indemnification

To the fullest extent permitted by law, CLIENT shall indemnify and hold harmless HWC, HWC's Consultants and Subcontractors, and the officers, directors, partners, employees, of each and any of them from and against any and all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court or arbitration or other dispute resolution costs) caused by the negligent acts or omissions of CLIENT or CLIENT's officers, directors, partners, employees, and CLIENT's consultants, contractors and/or subcontractors with respect to this Agreement or the Project.

To the fullest extent permitted by law, HWC shall indemnify and hold harmless CLIENT, CLIENT'S officers, directors, partners, and employees from and against any and all costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court or arbitration or other dispute resolution costs) caused by the negligent acts or omissions of HWC or HWC's officers, directors, partners, employees, and HWC's consultants with respect to this Agreement or the Project.



WWTF Phosphorous Removal Improvements
Terre Haute, Indiana

Dispute Resolution

HWC and CLIENT agree that any controversy, claim, counterclaim, or other dispute arising out of or relating to this Agreement, or any alleged breach thereof, provided that the amount in controversy is in excess of Five Thousand Dollars (\$5,000.00), shall first be submitted by the parties to ~~pre-arbitration~~ mediation, under the Indiana Rules for Alternative Dispute Resolution and with a mediator agreed to by the parties, prior to and as a condition precedent to arbitration, litigation or any other binding action or recourse under law.

Submission of a dispute under this Agreement to mediation will be a condition precedent to filing ~~arbitration or~~ litigation regarding any dispute (when the amount in controversy is in excess of \$5,000) arising out of or related to this Agreement. Failure to comply with this condition precedent shall be in contravention of the parties express intention to implement these alternative means of dispute resolution and constitute a breach of this clause.

Mediation shall be conducted by the parties within 120 days after either party has invoked this clause and notified the other party of its intention to mediate. If the mediation does not result in settlement of the dispute or if a party has waived its right to mediate any issues in dispute, then any unresolved controversy or claim arising out of or relating to this Agreement or breach thereof shall be determined by a civil court of law ~~mandatory and binding arbitration administered by the American Arbitration Association in accordance with its Construction Industry Arbitration Rules. The award rendered by the arbitrator or arbitrators shall be final, and judgment may be entered upon it in accordance with applicable Indiana law in any court having jurisdiction thereof.~~

Any award shall not exceed the amount either claimed or counterclaimed. There shall be no punitive or consequential damages awarded under arbitration and the parties waive their right to claim the same.

Each party shall bear its own costs and expenses of the mediation ~~and/or arbitration.~~

Except as may be required by law, neither party may disclose the content or results of any mediation ~~or arbitration~~ without prior written consent of both parties.

If one party has filed litigation which is otherwise covered by this dispute resolution clause and which has not been subject to mediation ~~and/or arbitration~~ as per this clause, the other party may properly seek to dismiss or stay the litigation at its discretion for the purpose of conducting mediation ~~or arbitration.~~

Information Provided by Others

HWC shall indicate to the CLIENT the information needed for rendering of services hereunder. The CLIENT shall provide to HWC such information as is available to the CLIENT and the CLIENT's consultants and contractors, and HWC shall be entitled to rely upon the accuracy and completeness thereof. The CLIENT recognizes that it is impossible for HWC to assure the accuracy and completeness and sufficiency of such information, either because it is impossible to verify, or because of errors or omissions which may have occurred in assembling the information the CLIENT is providing. Accordingly, the CLIENT agrees, to the fullest extent permitted by law, to indemnify and hold HWC and HWC's subconsultants harmless from any claim, liability or cost (including reasonable attorney's fees and costs of defense) for injury or loss arising or allegedly arising from errors, omissions or inaccuracies in documents or other information provided by the CLIENT to HWC.

Document Ownership, Copyrights, and Allowed Document Uses

All reports, plans, specifications, computer files, field data, notes and other documents and instruments prepared by HWC as instruments of service shall remain the property of HWC. HWC shall retain all common law, statutory and other rights, including the copyright thereto.

Unless otherwise indicated, with respect to this Project, all Documents are instruments of service. HWC shall retain an ownership and property interest therein (including the right of reuse at the discretion of HWC), whether or not the Project is completed.



WWTF Phosphorous Removal Improvements
Terre Haute, Indiana

CLIENT acknowledges that HWC is performing professional services for CLIENT and that HWC is not and shall not be required to become an "arranger," "operator," "generator," or "transporter" of hazardous substances, as defined in the Comprehensive Environmental Response, Compensation, and Liability Act of 1990 (CERCLA), which are or may be encountered at or near the Site in connection with HWC's activities under this Agreement.

If HWC's services under this Agreement cannot be performed because of a hazardous environmental condition, the existence of the condition shall justify HWC's terminating this Agreement for cause on 30 days notice.

Changed Conditions

The CLIENT shall rely on HWC's judgment as to the continued adequacy of this Agreement in light of occurrences or discoveries that were not originally contemplated by or known to HWC. Should HWC call for contract renegotiation, HWC shall identify the changed conditions necessitating renegotiation and HWC and the CLIENT shall promptly and in good faith enter into renegotiation of this Agreement. In establishing fees for the new work to be performed, HWC shall utilize the same fee schedule as already agreed upon, as shown in Exhibit C. If terms cannot be agreed to, the parties agree that either party has the absolute right to terminate this Agreement.

Defects In Service

The CLIENT shall promptly report to HWC upon discovery of any defects or suspected defects related to HWC's work or services of which the CLIENT becomes aware, so that HWC may take measures to minimize the consequences of such a defect. The CLIENT warrants that HWC will impose a similar notification requirement on all contractors under contract to the CLIENT and shall require all subcontracts at any level to contain a like requirement. Failure by the CLIENT, and the CLIENT's contractors or subcontractors to notify HWC, shall relieve HWC of the costs of remedying the defects above the sum such remedy would have cost had prompt notification been given.

Specifications of Materials

The CLIENT understands and agrees that products or building materials which are permissible under current building codes and ordinances may, at some future date, be banned or limited in use in the construction industry because of presently unknown hazardous characteristics. The CLIENT agrees that if the CLIENT directs HWC to specify any product or material, after HWC has informed the CLIENT that such product or material may not be suitable or may embody characteristics that are suspected of causing or may cause the product or material to be considered a hazardous substance in the future, the CLIENT waives all claims as a result thereof against HWC. The CLIENT further agrees that if any product or material specified for this Project by HWC shall, at any future date be suspected of or discovered to be a health or safety hazard, then the CLIENT shall waive all claims as a result thereof against HWC.

In addition, the CLIENT agrees, to the fullest extent permitted by law, to indemnify and hold HWC harmless from any damage, liability or cost (including reasonable attorney's fees and defense costs) arising in any way from the specification or use of any products or materials which, at any future date, become known or suspected health or safety hazards, whether unknown to HWC during the term of this Agreement or of which HWC has warned the CLIENT, excepting only those damages, liabilities or costs attributable to the sole negligence or willful misconduct of HWC.

Construction Phase Services and Construction Observation

During the Construction Phase, HWC shall not supervise, direct, or have control over any of the Contractor's work, nor shall HWC have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected by the Contractor, for safety precautions and programs incident to the Contractor's work in progress, nor for any failure of Contractor to comply with Laws and Regulations applicable to Contractor's furnishing and performing the Work. HWC neither guarantees the performance of any Contractor nor assumes responsibility for any Contractor's failure to furnish and perform the Work in accordance with the Contract Documents. HWC shall not be responsible for the acts of omissions of any Contractor(s), subcontractor, or supplier, or any of the Contractor's agents or employees or any other persons (except HWC's own employees) at the Site or otherwise furnishing or performing any of the Contractor's Work, or for any decision made on interpretations or clarifications of the Contract Documents given by CLIENT without consultation and advice of HWC.



WWTF Phosphorous Removal Improvements
Terre Haute, Indiana

HWC shall have no liability whatsoever to the CLIENT for any costs or damages as a result of such suspension caused by any breach of this Agreement by the CLIENT.

If the CLIENT fails to make payment to HWC in accordance with the payment terms herein, this shall constitute a material breach of this Agreement and shall be cause for termination by HWC.

Payment of invoices is in no case subject to unilateral discount or set-offs by the CLIENT, and payment is due regardless of suspension or termination of this Agreement by any party.

Excluded Services

Other services available from HWC and applicable to the Project have been made known and explained to the CLIENT. Where HWC has deemed a service needed or advisable, HWC has made its opinion known to the CLIENT, and the CLIENT has confirmed his or her opinion that such services are not requested of HWC and/or that the CLIENT has made or shall make arrangements to obtain those services from a source other than HWC. These excluded services are identified in Exhibit A.

The CLIENT hereby agrees, to the fullest extent permitted by law, to indemnify and hold HWC harmless from any claim, liability or cost (including reasonable attorney's fees and costs of defense) for injury or loss arising or allegedly arising from HWC's failure to perform a service listed above and excluded at the CLIENT's direction.

E-Verify

Pursuant to IC 22-5-1.7-1.1, HWC shall enroll in and verify the work eligibility status of all newly hired employees of HWC through the E-Verify Program ("Program"). HWC is not required to verify the work eligibility status of all newly hired employees through the Program if the Program no longer exists.

1. HWC and its Subcontractors shall not knowingly employ or contract with an unauthorized alien or retain an employee or contract with a person that HWC or its Subcontractor subsequently learns is an unauthorized alien. If HWC violates this Section, Client shall require HWC to remedy the violation not later than thirty (30) days after Client notifies HWC. If HWC fails to remedy the violation within the thirty (30) day period, Client shall terminate the contract for breach of contract. If Client terminates the contract, HWC shall, in addition to any other contractual remedies, be liable to Client for actual damages. There is a rebuttable presumption that HWC did not knowingly employ an unauthorized alien if HWC verified the work eligibility status of the employee through the Program.
2. If HWC employs or contracts with an unauthorized alien but Client determines that terminating the contract would be detrimental to the public interest or public property, Client may allow the contract to remain in effect until Client procures a new contractor.
3. HWC shall, prior to performing any work, require each Subcontractor to certify to HWC that the Subcontractor does not knowingly employ or contract with an unauthorized alien and has enrolled in the Program. HWC shall maintain on file a certification from each Subcontractor throughout the duration of the Project. If HWC determines that a Subcontractor is in violation of this Section, HWC may terminate its contract with the Subcontractor for such violation. Such termination may not be considered a breach of contract by HWC or the Subcontractor.

Investment in Iran Disclaimer

Pursuant to Indiana Code 5-22-16.5-1.1, service providers who have dealings with the government of Iran are deemed to be Non-responsible bidders for the purposes of submitting an offer in response to a solicitation; submitting a bid, offer, or proposal relating to a public works project; or entering into a contract to provide supplies or services with the state or a political subdivision. Pursuant to I.C. 5-22-16.5-9, the Indiana Department of Administration shall develop and update a list of service providers the Department determines to be engaged in investment activities in Iran. The undersigned, on behalf of HWC, being first duly sworn, deposes and states that HWC is not currently on the list kept by the Indiana Department of Administration, and has not engaged in any activity which will cause HWC to be added to said list.



WWTF Phosphorous Removal Improvements
Terre Haute, Indiana

assignments, transfers and assurances as such party may reasonably require for purposes of effectuating this Agreement.

This Agreement may be executed in multiple counterparts, each one of which shall constitute an original. This Agreement may be executed by facsimile signature. The party so executing this Agreement shall deliver an original of such facsimile signature.

Notwithstanding any other provision of this Agreement, neither HWC nor the CLIENT shall be liable to the other for any consequential damages incurred due to the fault of either HWC or the CLIENT or whether it was committed by the CLIENT or HWC, their employees, agents, subconsultants or subcontractors. Consequential damages include, but are not limited to, loss of use and loss of profit.

It is intended by the CLIENT and HWC that HWC's services in connection with the Project shall not subject HWC's individual employees, officers or directors to any personal legal exposure for the risks associated with this project. Therefore, and notwithstanding anything to the contrary contained herein, the CLIENT agrees that as the CLIENT's sole and exclusive remedy, any claim, demand or suit shall be directed and/or asserted only against HWC Engineering, an Indiana Corporation, and not against any of HWC's Professional employees, officers, or directors.

REMAINDER OF THIS PAGE INTENTIONALLY LEFT BLANK



WWTF Phosphorous Removal Improvements
Terre Haute, Indiana

IN WITNESS WHEREOF, the parties hereto have executed this Agreement, the Effective Date of which is indicated on page 1.

"CLIENT"
City of Terre Haute Sanitary District

By: *Timothy Lee Adams*
Printed: Timothy Lee Adams
Title: Vice-President
Date: 3/21/17

"HWC"
HWC Engineering

By: *Edward P. Jolliffe*
Printed: Edward P. Jolliffe
Title: President
Date: 3.8.17

CLIENT's Designated Representative is:

Name: Mark Thompson
Phone: 812-244-5500
Fax: Mark.Thompson@terrehaute.in.gov

HWC's Designated Representative is:

Name: Eric M. Smith, PE
Phone: 812-234-2551 Ext. 410
Email: esmith@hwcengineering.com



HWC
ENGINEERING

WWTF Phosphorous Removal Improvements
Terre Haute, Indiana

Exhibit A

Scope of Services

City of Terre Haute Wastewater Treatment Facility Phosphorus Removal Improvements

January 2017

Introduction / Purpose

The City of Terre Haute, by and through its Sanitary Board of Commissioners, operates a Wastewater Treatment Plant (WWTP) serving the Terre Haute community and outlying areas in the Terre Haute Sanitary District. The WWTP is operated in accordance with the National Pollutant Discharge Elimination System Permit (NPDES) #IN0025607, which is generally renewed every 5 years and issued by the Indiana Department of Environmental Management (IDEM). The effective date of the current permit is January 1, 2016.

As part of the NPDES Permit renewals, new regulations enacted by legislature at the national or state level are occasionally incorporated. In the case of the current permit, new effluent discharge limits for Phosphorus have been imposed along with a schedule giving the WWTP a 3-year period to make any improvements needed to begin meeting those limits. The phosphorus discharge prior to the issuance of the current NPDES Permit had no discharge limit and therefore the WWTP was never specifically designed to remove phosphorus. However, the monitoring of influent and effluent phosphorus levels have been on-going.

In September 2016, a Study and Compliance Plan for meeting phosphorus limits by the Treatment Facility in accordance with the NPDES Permit was completed. The purpose of the Compliance Plan was to identify the existing phosphorus conditions, develop potential alternatives and needed improvements or operational modifications to meet the limits, determine associated costs, and develop an implementation plan and schedule. The NPDES Permit required a status report 9 months after the effective date of the permit (September 30, 2016) generally outlining the method the permittee intends to follow to achieve the new limits. This report was submitted to IDEM on September 30, 2016.

Current Situation

The WWTP has an average design capacity rating of 24 MGD (ADF) and a peak capacity of 48 MGD during wet weather events. The plant went thru a significant upgrade to address Combined Sewer Overflows and depreciated equipment among other work which was completed in 2014. At that time, a schedule to impose the phosphorus limits was not known, nor was the effluent limit.

In order to help determine the needed improvements and in accordance with the permit requirements, the WWTP staff began monitoring for phosphorus at the beginning of 2016. The study and compliance plan documented the results of the phosphorus testing. During this time period the plant was averaging a flow of 10.5 MGD and 5.3 mg/l phosphorus (or parts per million) entering the plant. Existing treatment processes resulted in approximately 4.0 mg/l phosphorus leaving the plant as compared to the new effluent limit of 1.0 mg/l.

Proposed Project

The recommended plant improvements for phosphorous removal included in the Compliance Plan study was Alternative #2 - Process Improvements for Biological Phosphorus Removal with Chemical Addition Treatment Backup.

Biological phosphorus removal requires that the wastewater be passed thru multiple zones (i.e. tanks) with varying environmental conditions to achieve treatment. The City's WWTP is currently set up as a Modified Ludzak-



WWTF Phosphorous Removal Improvements
Terre Haute, Indiana

Table 1.4a
City of Terre Haute Phosphorus Compliance Plan
Alternate #2 - Process Improvements for Biological Phosphorus Removal with Chemical Addition
Treatment Backup

Estimated Capital Costs and Additional Operation & Maintenance Costs

I. Capital Costs					
Item	Description	Unit	Quantity	Unit Price	Amount
1	Chemical Feed Pumps	LS	1	\$217,500.00	\$217,500.00
2	Chemical Feed Storage Tank	LS	3	\$50,750.00	\$152,250.00
3	Containment	CY	100	\$600.00	\$60,000.00
4	Piping	LS	1	\$75,000.00	\$75,000.00
5	RAS Connection Vault	LS	1	\$15,000.00	\$15,000.00
6	Electrical & controls	LS	1	\$60,000.00	\$60,000.00
7	Analyzers and devices	LS	1	\$75,000.00	\$75,000.00
8	Site Work	LS	1	\$15,000.00	\$15,000.00
9	30" Piping, Valve and Walks to Anoxic Tanks	LS	1	\$375,000.00	\$375,000.00
10	Crane Rental	LS	1	\$25,000.00	\$25,000.00
11	Mobilization/Demobilization (NTE 5%)	LS	1	\$53,000.00	\$53,000.00
Subtotal Construction Costs					\$1,122,750.00
Construction Contingency (15%)					\$168,500.00
Total Construction Cost					\$1,291,250.00
Non-Construction Costs (20% of Construction Cost)					\$258,250.00
Total Capital Cost					\$1,549,500.00
II. Annual O&M Costs					
Power Costs					
Item	Description	Amount			
1	Purchased Power for Metering 5 hp connected, Run 22 hr/day, Power Cost = 5 hp x 0.746 kW/hp x 24 hr/day x 365 day/yr x \$0.10/kWh =	\$3,595.00			
2	Purchased Power for Recycle 280 hp connected (2 pumps), Run 24 hr/day, Power Cost = 280 hp x 0.746 kW/hp x 24 hr/day x 365 day/yr x \$0.10/kWh =	\$182,979.00			
Total Power Costs					\$186,574.00
Labor Costs					
1	4 hours a week at \$50/hr for 52 weeks	\$10,400.00			
Total Labor Costs					\$10,400.00
Maintenance Costs					
Item	Description	Amount			
1	Additional Sludge Disposal Allowance	\$20,000.00			
2	Outside Service + Parts (Chemical Feed Equipment) - \$2000, every year	\$2,000.00			
Total Maintenance Costs					\$22,000.00
Material Costs					
Item	Description	Amount			
1	Purchased Chemical Costs (Aluminum Sulfate - 242,500 gal/yr @ \$0.35/lb)	\$466,812.50			
Total Material Costs					\$466,812.50
Total Annual O&M Costs					\$685,786.50



HWC
ENGINEERING

WWTF Phosphorus Removal Improvements
 Terre Haute, Indiana

11. Establish baselines for locating the work together with a suitable number of benchmarks adjacent to the work as shown in the contract documents.
12. Coordinate approval of all work with IDEM with regard to permitting.
13. A total of 4 progress meetings with the Sanitary District for project updates are included.

Task 03 - Bidding

HWC will assist the Client in the bidding process of the project, including bid solicitation, bid opening and processing of required contractual documents. Our scope for the bidding phase assumes a single bid process with a single contract for all proposed work. If no bids are received, or the Client desires to re-bid the project, a supplement will be required for this extra work. HWC work elements will consist of the following:

1. Distribute plan and bid documents to contractors and bid/plan agencies.
2. Solicit bids from contractors and address all bidder questions and requests for clarification during bid process. Work includes bid packet and any necessary addendum distribution as well as coordination of all bid related documents with the Client.
3. Conduct pre-bid meeting and administer bid opening
4. Assist the Client in opening of the project bids.
5. Review all bids and provide written recommendations with regard to award.
6. Provide contract documents for proposed contractor.

Task 04 - Construction Engineering/Administration

HWC will provide technical support and administration of the construction of the project as required to ensure the project meets the requirements of the Client and all regulatory permitting. The scope of services included in this task to be performed by HWC as directed by the Client includes the following:

1. Provide one Project Manager and support as necessary by additional engineering, clerical and inspection staff for a period of time to complete the project in accordance with the construction schedules included in the project documents.
2. Attend and administer a pre-construction conference, arrange a schedule of progress meetings, and other job conferences as required for the timely and acceptable completion of the project. Submit schedules of all meetings and complete records and minutes of all meetings.
3. Serve as the Client's liaison with the contractor, working principally with the contractor's field superintendent or other person as designated by the contractor.
4. Report any deviation in the work to the Client as applicable.
5. Review and approve shop drawings or submittals, record receipt of all data received and maintain a file of all drawings and submission to be turned over to the Client at the completion of construction.
6. Consider and evaluate the Contractor's requests for modifications in plans or specifications and report as necessary to the Client.
7. Prepare and maintain, orderly files of all correspondence, reports/minutes of meetings, shop drawings and other submissions, copies of contract documents (including all addenda, change orders, etc.), progress reports and other project related documents.
8. Coordinate progress estimates with the contractor and review pay request and recommend approval to the Client. Project representative shall document pay quantities and estimates related to the construction of the project.
9. Conduct a pre-final inspection of the project with the Client and Contractor to develop a punch list of incomplete or incorrect items to be addressed prior to final acceptance by the Client.

Task 05 - Construction Observation

Resident Project Representative

1. Engineer shall furnish a full-time Construction Inspector, Resident Project Representative (RPR), to assist Engineer in observing progress and quality of the Work. The Construction Inspector will provide observation/representation, during all construction activities involving work associated with the previously described project.
2. Through such additional observations of Contractor's work in progress and field checks of materials and equipment by the RPR, Engineer shall endeavor to provide further protection for Client against defects



HWC
ENGINEERING

WWTF Phosphorous Removal Improvements
Terre Haute, Indiana

- i. Consult with Engineer in advance of scheduled major inspections, tests, and systems startups of important phases of the Work.
- ii. Verify that tests, equipment, and systems start-ups and operating and maintenance training are conducted in the presence of appropriate Client's personnel, and that Contractor maintains adequate records thereof.
- iii. Observe, record, and report to Engineer appropriate details relative to the test procedures and systems startups.
- iv. Accompany visiting inspectors representing public or other agencies having jurisdiction over the Project, record the results of these inspections, and report to Engineer.

J. Records:

- i. Maintain at the Site orderly files for correspondence, reports of job conferences, reproductions of original Contract Documents including all Change Orders, Field Orders, Work Change Directives, Addenda, additional Drawings issued subsequent to the execution of the Contract, Engineer's clarifications and interpretations of the Contract Documents, progress reports, Shop Drawing and Sample submittals received from and delivered to Contractor, and other Project related documents.
- ii. Prepare a daily report or keep a diary or log book, recording Contractor's hours on the Site, weather conditions, data relative to questions of Change Orders, Field Orders, Work Change Directives, or changed conditions, Site visitors, daily activities, decisions, observations in general, and specific observations in more detail as in the case of observing test procedures; and send copies to Engineer.
- iii. Record names, addresses and telephone numbers of all Contractors, subcontractors, and major suppliers of materials and equipment.
- iv. Maintain records for use in preparing Project documentation.
- v. Upon completion of the Work, furnish original set of all RPR Project documentation to Engineer.

K. Reports:

- i. Furnish to Engineer periodic reports as required of progress of the Work and of Contractor's compliance with the progress schedule and schedule of Shop Drawing and Sample submittals.
- ii. Draft and recommend to Engineer proposed Change Orders, Work Change Directives, and Field Orders. Obtain backup material from Contractor.
- iii. Furnish to Engineer and Client copies of all inspection, test, and system startup reports.
- iv. Report immediately to Engineer the occurrence of any Site accidents, any Hazardous Environmental Conditions, emergencies, or acts of God endangering the Work, and property damaged by fire or other causes.

L. *Payment Requests:* Review Applications for Payment with Contractor for compliance with the established procedure for their submission and forward with recommendations to Engineer, noting particularly the relationship of the payment requested to the schedule of values, Work completed, and materials and equipment delivered at the Site but not incorporated in the Work.

M. *Certificates, Operation and Maintenance Manuals:* During the course of the Work, verify that materials and equipment certificates, operation and maintenance manuals and other data required by the Specifications to be assembled and furnished by Contractor are applicable to the items actually installed and in accordance with the Contract Documents, and have these documents delivered to Engineer for review and forwarding to Client prior to payment for that part of the Work.

N. Completion:

- i. Before Engineer issues a Certificate of Substantial Completion, submit to Contractor a list of observed items requiring completion or correction.
- ii. Observe whether Contractor has arranged for inspections required by Laws and Regulations, including but not limited to those to be performed by public agencies having jurisdiction over the Work.



WWTF Phosphorous Removal Improvements
Terre Haute, Indiana

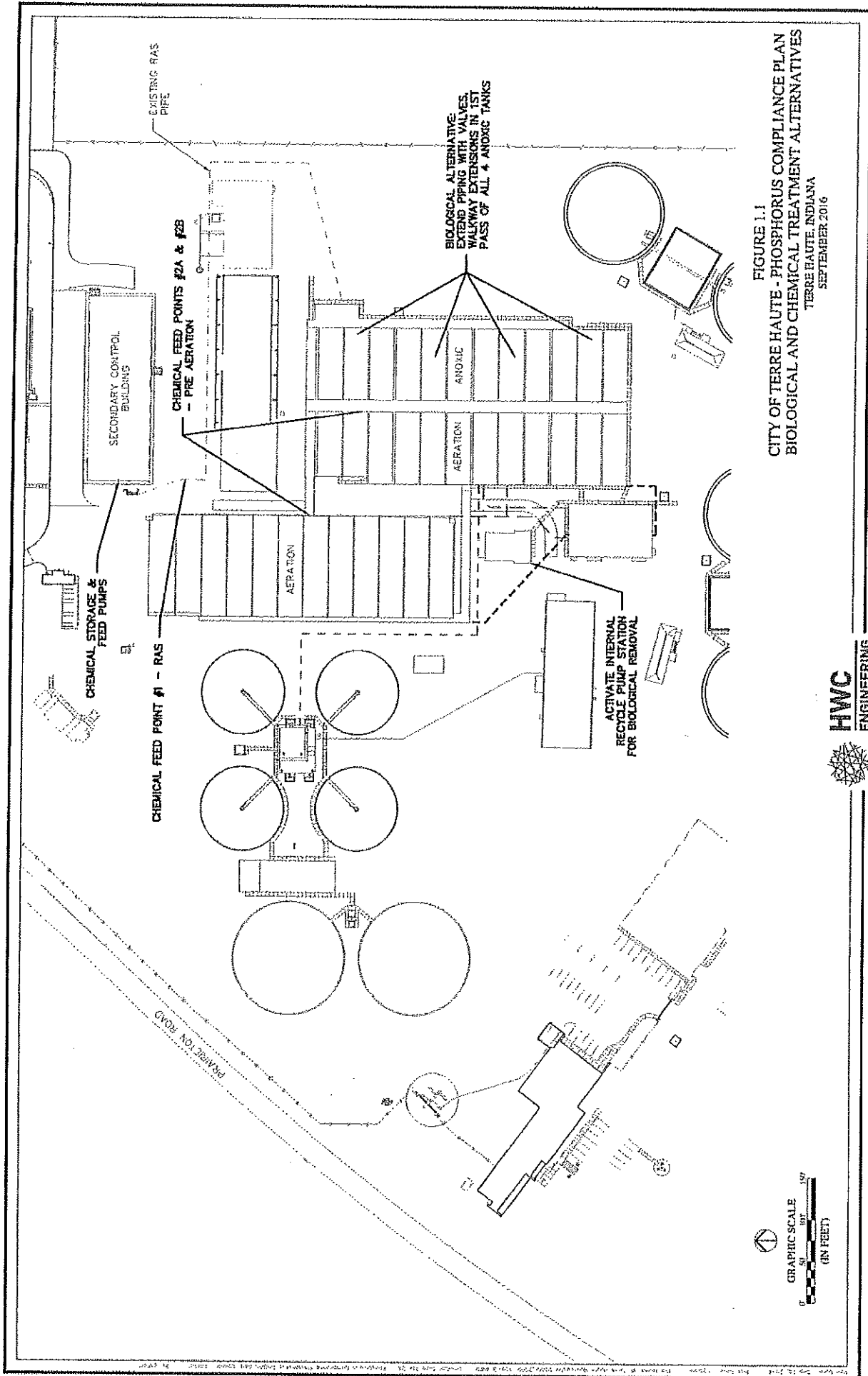


FIGURE 1.1
 CITY OF TERRE HAUTE - PHOSPHORUS COMPLIANCE PLAN
 BIOLOGICAL AND CHEMICAL TREATMENT ALTERNATIVES
 TERRE HAUTE, INDIANA
 SEPTEMBER 2016





EXHIBIT C

HWC Engineering
2017 Hourly Billing Rates

<u>POSITION</u>	<u>HOURLY RATE</u>
Principal	\$201.00
Senior Project Manager	\$196.00
Project Manager	\$155.00
Project Engineer	\$125.00
Landscape Architect	\$120.00
Designer/Technician	\$100.00
Draftsman	\$90.00
Clerical Support	\$75.00
Construction Inspection Manager	\$115.00
Construction Inspector I	\$105.00
Construction Inspector II	\$95.00
Survey Lead	\$120.00
Survey Crew Leader	\$98.00
Survey Crew Member I	\$80.00
Survey Crew Member II	\$57.00
Intern	\$56.00

REIMBURSABLE EXPENSES

- Direct Travel Expense - including mileage (the current rate allowed by the IRS), air fare, car rental, lodging, meals, large blueprint and copying runs, etc.
- Large format black and white prints at \$.375 per square foot.
- Plots at \$2.00 per square foot.
- Black and white copies at \$.10 per sheet.
- Color copies at \$.50 per sheet
- CD's at \$25.00 each.
- Actual cost of long distance telephone calls, expense charges, photographs and postage.
- Expenses will be billed at cost plus a 10% administrative fee.
- Hours worked in excess of 8 hours per day or 40 hours per week will be billed at an overtime rate of 1.5 times the rates listed for non-exempt employees.