

**Town of Greenville
P.O. Box 188
Greenville, In. 47124**

AGENDA FOR:

TOWN OF GREENVILLE, INDIANA

MONTHLY MEETING FOR MONDAY, FEBRUARY 11, 2013

- 1. MEETING CALLED TO ORDER BY COUNCIL PRESIDENT:** Talbotte Richardson
- 2. OPENING MEETING WITH PRAYER AND PLEDGE OF ALLEGIANCE:**
- 3. READING, REVIEW AND APPROVAL OF MINUTES FROM PREVIOUS MONTHLY MEETING MINUTES OF: JANUARY 14TH, 2013.**
- 4. MARSHAL'S REPORT:** Marshal Bill Burkhardt Jr.
- 5. WATER BUSINESS: WATER SUPERINTENDENT:** Gary Getrost
 - {A} - Report on water usage and leaks
 - {B} - Superintendent's report
- 6. FINANCIAL: GREENVILLE TOWN CLERK:** Jack Travillian
 - {A} - Review and Approve Checks and Expenditures.
- 7. COMMITTEE REPORTS:**
 - {A} - Town Council President: Talbotte Richardson
 - {B} - Emergency Services: Talbotte Richardson
 - {C} - Streets and Roads: Bob Wright
 - {D} - Public Relations: Patti Hayes
 - {E} - Property Cleanup: Darryl Kepley
 - {F} - Special Projects: Greg Redden
 - {G} - Town Manager: Randal Johnes
 - {H} - Attorney: Chris Lane
- 8. OLD BUSINESS:**
 - {A} - Ordinances Second or Third Reading:
- 9. NEW BUSINESS:**
 - {A} - Ordinances First Reading:
 - 2013-TO-005 Transfer of Funds
 - 2013-TO-006 Pain Clinics
 - 2013-WR-007 Signing of Contract on WWTP
 - 2013-WO-008 Transfer of Funds to WWTP Checking Account
 - {B} - Citizens requesting to speak and subject:
- 10. ADJOURNMENT:**
 - Next Monthly Meeting March 11th, 2013 @ 7:00 PM

Note: to speak before the council your name must appear under item 9 letter B. President of the board may allow you to speak if he deems information you wish to present is a critical situation that would not be served by postponing the subject until the next meeting. To speak before the council contact Water Company Clerk or Council Member for proper form; See Rules of Meetings attached.

Minutes of Greenville Town Council Meeting February 11th, 2013

Council President Talbotte Richardson called the regular monthly meeting to order. Other Councilpersons present were Patti Hayes, Darryl Kepley, and Greg Redden, along with Clerk Jack Travillian. Also attending the meeting were Town Manager Randal Johnes, Marshal Bill Burkhart, Water Superintendent Gary Getrost and several concerned citizens. The meeting was opened with a prayer from Pastor Avery, followed by the Pledge of Allegiance.

Minutes: The minutes for January 14th, 2013 regular meeting was discussed. Motion was made by President Richardson and seconded by Councilman Redden to accept the proposed amended minutes. Motion passed 4-0.

Marshal Report:

Marshal Burkhart presented the council members with the monthly report. The marshal's department has completed some training with New Albany Police Department. Marshal Burkhart has been working with the Floyd County Sheriff about upgrading the 1996 Jeep to a newer squad car. The marshal's department has completed training for Greenville Elementary to help with coordination in case of emergencies.

The new equipment has arrived and Marshal Burkhart gave a demonstration of the new light bars the officers will be carrying. The Marshal's department responded to a break in and while taking a report the suspects returned for another trip resulting in several suspects being arrested.

Financial:

Review/Approval Checks and Expenditures: Clerk Travillian presented the forms for the checks written from the utility and the town. The checks were approved without objections.

Ordinance 2013-TO-005: ORDINANCE CONCERNING THE TRANSFER OF FUNDS FOR THE OPERATION OF THE TOWN OF GREENVILLE, INDIANA; First reading of the ordinance was completed and the motion was made for unanimous consent by President Richardson and seconded by Councilwoman Hayes. Motion passed 4-0. Second reading was completed. President Richardson made a motion to accept the ordinance and seconded by Councilman Redden. Motion passed 4-0. Third reading was completed. A motion was made by President Richardson and seconded by Councilwoman Hayes to accept the ordinance. Motion passed 4-0.

Ordinance 2013-TO-006: ORDINANCE CONCERNING THE REGULATING OF NEW PAIN MANAGEMENT CLINICS WITHIN THE TOWN OF GREENVILLE, INDIANA; First reading of the ordinance was completed and the motion was made for unanimous consent by President Richardson and seconded by Councilwoman Hayes. Motion passed 4-0. Second reading was completed. President Richardson made a motion to accept the ordinance and seconded by Councilwoman Hayes. Motion passed 4-0.

Third reading was completed. A motion was made by President Richardson and seconded by Councilwoman Hayes to accept the ordinance. Motion passed 4-0.

Committee Reports:

Special Projects Update: The new booster station will be ready for testing on February 26, 2013. The tower construction project should be completed by end of month with a pause before finalization with the painting schedule, which should be done in May.

Emergency Service: President Richardson reminded everyone that snow removal does not start until 2 inches has accumulated. We are on a small budget with limited resources.

Town Manager: Randal Johnes has posted his report on the town website along with emailing all council members and the clerk. No questions concerning the report.

Water Utility Business:

Superintendent Getrost gave the monthly adjustment report. No questions were asked.

Ordinance 2013-WR-010; RESOLUTION TO CARRY OVER OF VACATION TIME PER REQUEST OF CRYSTAL BURKHART WATER UTILITY ASSISTANT CLERK OF THE TOWN OF GREENVILLE, INDIANA WATER UTILITY; Reading of the resolution was completed and a motion was made by President Richardson and seconded by Councilman Redden. Motion passed 4-0.

Change order was submitted. Motion was made by President Richardson and seconded by Councilwoman Hayes. Motion passed 4-0.

The council was advised of an outstanding water bill that has resulted from a leak that the home owner will not correct. Attorney Lane advised Superintendent Getrost to contact the bank that has bought the home in a tax sale and give them a notice of intent to place a lean on the property. The lean will need to occur within 30 days.

Ordinance 2013-WR-007: RESOLUTION CONCERNING THE AUTHORIZATION BY A MAJORITY VOTE BY THE GREENVILLE WATER UTILITY COUNCIL FOR SIGNAGE OF THE HERITAGE SPRINGS WWTP SALES CONTRACT BY TALBOTTE RICHARDSON WITH THIENEMAN ENVIRONMENTAL LLC; Reading of the resolution was completed and the motion was made by President Richardson and seconded by Councilwoman Hayes. Motion passed 3-1. Voting for the resolution were President Richardson, Councilpersons Hayes, and Redden. Opposing the resolution was Councilman Kepley.

Ordinance 2013-WO-008: ORDINANCE CONCERNING THE TRANSFER OF AND ESTABLISHMENT OF CHECKING ACCOUNT FUNDS FOR THE OPERATIONS OF THE GREENVILLE MUNICIPAL WATER AND SEWER UTILITY OF THE TOWN OF GREENVILLE, INDIANA; First reading of the ordinance was completed and the motion was made for unanimous consent by President Richardson and seconded by Councilwoman Hayes. Motion passed 3-1, however, not unanimously. Voting for the

ordinance were President Richardson, Councilpersons Hayes, and Redden. Opposing the ordinance was Councilman Kepley. President Richardson called for a special meeting to be held on February 18, 2013 at 7:00 PM for second and third readings of this ordinance.

No further business coming before the Council the meeting was adjourned.

Next Monthly Meeting to be held at 7:00 P.M. on **March 11th**, 2013.

JACK TRAVILLIAN



CLERK / TREASURER

PRESIDING OFFICER

TOWN OF GREENVILLE, INDIANA



TALBOTTE RICHARDSON

<u>General Fund</u>	Budgeted	Spent	Transferred	Remaining
101001111 Council Salary	\$ 8,100.00	\$ 625.00		\$ 7,475.00
101001112 Clerk Salary	\$ 3,000.00	\$ 250.00		\$ 2,750.00
101001113 Marshal's Payroll	\$ 14,000.00	\$ 1,166.67		\$ 12,833.33
101001117 Detective Payroll	\$ 12,000.00	\$ 1,000.00		\$ 11,000.00
101001117 Town Manager	\$ 2,600.00	\$ 200.00		\$ 2,400.00
101001131 Employee Benefits	\$ 9,650.00	\$ 604.55		\$ 9,045.45
101002231 Computer Software	\$ 1,900.00			\$ 1,900.00
101001210 Office Supplies	\$ 1,000.00			\$ 1,000.00
101001290 Marshal's Fuel	\$ 4,097.58	\$ 502.78		\$ 3,594.80
101001397 Election Expenses				\$ -
101001315 Legal	\$ 5,000.00	\$ 625.00		\$ 4,375.00
101001323 Travel	\$ 300.00			\$ 300.00
101001332 Legal Notices	\$ 700.00	\$ 212.21		\$ 487.79
101001140 Insurance	\$ 2,000.00			\$ 2,000.00
101001361 Equipment & Repairs	\$ 1,500.00			\$ 1,500.00
101001394 Official Bonds				
101001591 Town Promotion	\$ 800.00	\$ 90.00		\$ 710.00
101001396 Trash Collection	\$ 800.00	\$ -		\$ 800.00
101001398 Organizational Dues	\$ 800.00	\$ 791.88		\$ 8.12
101001511 Audit Expense				
101001343 Fire Protection	\$ 10,400.00			\$ 10,400.00
101002315 Contracted Services	\$ 4,000.00	\$ 562.10		\$ 3,437.90
Total	\$ 82,647.58	\$ 6,630.19		\$ 76,017.39
Balance in Account				\$ 14,371.68

	<u>Local Roads and Streets</u>					
202001312	Legal & Engineering	\$	500.00			\$ 500.00
202001332	Legal Advertising	\$	50.00			\$ 50.00
202001361	Maintenance ROW	\$	1,250.00			\$ 1,250.00
202001362	Streets & Alleys by Contract	\$	9,500.00			\$ 9,500.00
202001363	Road Repairs	\$	346.00			\$ 346.00
	Total	\$	11,646.00			\$ 11,646.00
	Balance in Account					\$ 13,668.22
	<u>Motor Vehicle Highway</u>					
201001222	Streets Signs	\$	250.00			\$ 250.00
201001231	Materials	\$	451.00			\$ 451.00
201001332	Legals Published					
201001312	Engineering	\$	500.00			\$ 500.00
201001341	Insurance Streets	\$	3,200.00			\$ 500.00
201001324	Telephone	\$	2,300.00	\$	315.59	\$ 1,984.41
201001362	Equipment Repairs	\$	2,800.00	\$	301.10	\$ 2,498.90
201001351	Street Lights	\$	6,000.00	\$	370.06	\$ 5,500.00
201001361	Snow Removal &	\$	16,000.00	\$	500.00	\$ 15,225.43
	Salt/Contractor	\$	-	\$	274.57	
201001315	Streets & Alleys by	\$	12,200.00			\$ 12,200.00
201001365	Other Maintenance	\$	253.00			\$ 253.00
	Total	\$	43,954.00			\$ 39,362.74
	Balance in Account					\$ 16,380.54

<u>Cumulative Capital Improvement</u>				
401001520	Inter Fund Operation	\$ 5,084.00		\$ 5,084.00
401001430	Cumulative Expense			\$ -
	Balance in Account			\$ 2,940.83
<u>EDIT</u>				
444001520	Other Capital Outlays	\$ 10,000.00		\$ 10,000.00
	Balance in Account			\$ 5,975.14
<u>Law Enforcement</u>				
445001362	Donations			
233001399	Training	\$ 2,032.49	\$990.35	\$ 1,042.14
233001362	Gun Permits			\$ -
	Balance in Account			\$2,348.55
<u>Riverboat</u>				
242001520	Inter Fund Transfer	\$ 15,100.00		\$ 15,100.00
	Balance in Account			\$ 19,569.42
<u>Rainy Day Fund</u>				
245001520	Inter Fund Transfer			
	Balance in Account			\$ 2,354.44
		Income	Expenses	Profit/Loss
	Water Operating	\$ 78,516.52	\$ 82,499.72	\$ (3,983.20)
	Meter Deposits	\$ 469.57	\$ 225.00	\$ 244.57
	Special Projects	\$ 63.93	\$ 554.00	\$ (490.07)
	Bond and Interest	\$ 9.63		\$ 9.63

History Transactions by Type
All Adjustments

Date: 02/11/2013 Time: 14:43:23

Date From 01/15/2013 through 02/11/2013

BOOK # 4

Water Adjusted	\$-74.51	Sanit Adjusted	\$0.00	Hydra Adjusted	\$0.00
Water Tax Adjusted	\$-5.23			Hydra Penalty Adjusted	\$0.00
Water Penalty Adjusted	\$0.00				
0.00000	0.00000			Total	\$-79.74

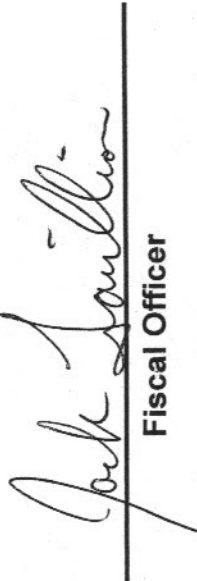
SUMMARY

Water Adjusted	\$860.34	Sanit Adjusted	\$0.00	Hydra Adjusted	\$2.91
Water Tax Adjusted	\$53.43			Hydra Penalty Adjusted	\$2.91
Water Penalty Adjusted	\$25.72				
0.00000	0.00000			Total	\$939.49

Attested Jack Samiller

I hereby certify that each of the above listed vouchers and the invoices, or bills attached there to, are true and correct and I have audited same in accordance with IC5-11-10-1.6.

February 11, 2013


Fiscal Officer


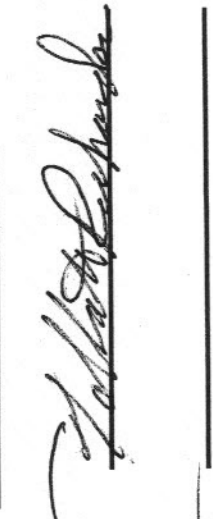

ALLOWANCE OF ACCOUNTS PAYABLE VOUCHERS

TOWN OF GREENVILLE

TOWN OF GREENVILLE JAN/FEB 2013

We have examined the Accounts Payable Vouchers listed on the foregoing Register of Accounts Payable Vouchers consisting of 2 pages and except for accounts payables not allowed as shown on the Register such accounts payables are hereby allowed in the total amount of \$ 5,192.95.

Dated this 11th day of February 2013.

Signatures of Governing Board

ACCOUNTS PAYABLE REGISTER
TOWN OF GREENVILLE JAN/FEB 2013

APPROPRIATION/ VOUCHER NUMBER	VENDOR	DESCRIPTION	PO NUM	INVOICE	DATE	AMOUNT	CK NUM	CK DATE	NO PAY	MEMORANDUM
101001117.000	8900 PAYROLL	JOHNS	0		//	87.80	942	01/25/2013		
101001111.000	8901 PAYROLL	TRAVILLIAN	0		//	37.82	943	01/30/2013		
101001111.000	8901 PAYROLL	RICHARDSON	0		//	106.15	944	01/30/2013		
101001111.000	8901 PAYROLL	WRIGHT	0		//	84.75	945	01/30/2013		
101001111.000	8901 PAYROLL	HAYES	0		//	113.54	946	01/30/2013		
101001111.000	8901 PAYROLL	REDDEN	0		//	65.44	947	01/30/2013		
101001111.000	8901 PAYROLL	KEPLEY	0		//	109.75	948	01/30/2013		
101000115.000	8902 PAYROLL	MOORE	0		//	371.34	949	01/31/2013		
101001113.000	8902 PAYROLL	BURKHART	0		//	457.00	950	01/31/2013		
101001117.000	8903 PAYROLL	JOHNS	0		//	87.80	951	02/08/2013		
201001324.000	8904 AT & T	POLICE OFFICE PHONE	0	812923921101	01/13/2012	38.11	0	02/08/2013		
201001324.000	8905 NEXTEL / SPRINT	923-9211	0							
201001324.000	8905 NEXTEL / SPRINT	CELL PHONES FOR MARSHALS	0	625808657-067	01/15/2013	119.58	0	02/08/2013		
101001113.000	8906 Greenville Water Utility	MARSHAL FEDERAL	0		01/15/2013	122.82	0	02/08/2013		
101001113.000	8906 Greenville Water Utility	MARSHAL FICA	0		01/15/2013	67.17	0	02/08/2013		
101001113.000	8906 Greenville Water Utility	MARSHAL MEDICARE	0		01/15/2013	15.71	0	02/08/2013		
101001131.000	8906 Greenville Water Utility	FICA	0		01/15/2013	67.17	0	02/08/2013		
101001131.000	8906 Greenville Water Utility	MEDICARE	0		01/15/2013	15.71	0	02/08/2013		
101001113.000	8907 Greenville Water Utility	MARSHAL FEDERAL	0		01/15/2013	122.82	0	02/08/2013		
101001113.000	8907 Greenville Water Utility	MARSHAL FICA	0		01/31/2013	67.17	0	02/08/2013		
101001113.000	8907 Greenville Water Utility	MARSHAL MEDICARE	0		01/31/2013	15.71	0	02/08/2013		
101001131.000	8907 Greenville Water Utility	FICA	0		01/31/2013	67.17	0	02/08/2013		
101001131.000	8907 Greenville Water Utility	MEDICARE	0		01/31/2013	15.71	0	02/08/2013		
101001117.000	8908 Greenville Water Utility	MANAGER FICA	0		01/31/2013	67.17	0	02/08/2013		
101001117.000	8908 Greenville Water Utility	MANAGER MEDICARE	0		01/25/2013	15.71	0	02/08/2013		
101001117.000	8908 Greenville Water Utility	FICA	0		01/25/2013	6.20	0	02/08/2013		
101001131.000	8908 Greenville Water Utility	MEDICARE	0		01/25/2013	1.45	0	02/08/2013		
101001131.000	8908 Greenville Water Utility	MANAGER FICA	0		01/25/2013	6.20	0	02/08/2013		
101001117.000	8909 Greenville Water Utility	MANAGER FICA	0		02/08/2013	1.45	0	02/08/2013		
101001117.000	8909 Greenville Water Utility	MANAGER MEDICARE	0		02/08/2013	6.20	0	02/08/2013		
101001131.000	8909 Greenville Water Utility	FICA	0		02/08/2013	1.45	0	02/08/2013		
101001131.000	8909 Greenville Water Utility	MEDICARE	0		02/08/2013	6.20	0	02/08/2013		
101001111.000	8910 TOWN OF GREENVILLE	COUNCIL FEDERAL	0		02/08/2013	1.45	0	02/08/2013		
101001111.000	8910 TOWN OF GREENVILLE	COUNCIL FICA	0		01/30/2013	82.50	0	02/08/2013		
101001111.000	8910 TOWN OF GREENVILLE	COUNCIL MEDICARE	0		01/30/2013	41.85	0	02/08/2013		
101001112.000	8910 TOWN OF GREENVILLE	CLERK FEDERAL	0		01/30/2013	9.78	0	02/08/2013		
101001112.000	8910 TOWN OF GREENVILLE	CLERK FICA	0		01/30/2013	156.67	0	02/08/2013		
101001112.000	8910 TOWN OF GREENVILLE	CLERK MEDICARE	0		01/30/2013	15.50	0	02/08/2013		
101001121.000	8910 TOWN OF GREENVILLE	FICA	0		01/30/2013	3.63	0	02/08/2013		
101001131.000	8910 TOWN OF GREENVILLE	MEDICARE	0		01/30/2013	57.35	0	02/08/2013		
101001131.000	8910 TOWN OF GREENVILLE	COUNCIL STATE	0		01/31/2013	13.44	0	02/08/2013		
101001111.000	8911 Greenville Water Utility		0		01/31/2013	55.87	0	02/08/2013		

ACCOUNTS PAYABLE REGISTER
TOWN OF GREENVILLE JAN/FEB 2013

APPROPRIATION/ P VOUCHER NUMBER	VENDOR	DESCRIPTION	PO NUM	INVOICE	DATE	AMOUNT	CK NUM	CK DATE	NO PAY	MEMORANDUM
101001111.000	8911 Greenville Water Utility	COUNCIL COUNTY	0		01/31/2013	5.37	0	02/08/2013		
101001112.000	8911 Greenville Water Utility	CLERK STATE	0		01/31/2013	33.50	0	02/08/2013		
101001112.000	8911 Greenville Water Utility	CLERK COUNTY	0		01/31/2013	2.88	0	02/08/2013		
101001113.000	8911 Greenville Water Utility	MARSHAL STATE	0		01/31/2013	73.66	0	02/08/2013		
101001113.000	8911 Greenville Water Utility	MARSHAL COUNTY	0		01/31/2013	24.92	0	02/08/2013		
101001117.000	8911 Greenville Water Utility	MANAGER STATE	0		01/31/2013	6.80	0	02/08/2013		
101001117.000	8911 Greenville Water Utility	MANAGER COUNTY	0		01/31/2013	2.30	0	02/08/2013		
201001361.000	8912 EARTH FIRST OF KENTUCKIAN	TICKET # 5119518 .57 TON SAND	0		02/01/2013	10.80	0	02/08/2013		
201001361.000	8912 EARTH FIRST OF KENTUCKIAN	TICKET # 5119519 .70 TON SALT	0		02/01/2013	89.88	0	02/08/2013		
201001351.000	8913 DUKE ENERGY	43 @ SSLP	0	44902890014	01/30/2013	341.29	0	02/08/2013		
201001351.000	8913 DUKE ENERGY	1 @ SSLU	0	44902890014	01/30/2013	12.17	0	02/08/2013		
201001351.000	8913 DUKE ENERGY	6 @ SSLC	0	03902890016	01/30/2013	16.60	0	02/08/2013		
101001315.000	8914 CHRIS LANE	MEETING 1.75 HRS 11-12-12	0	1115	01/31/2013	218.75	0	02/08/2013		
101001315.000	8914 CHRIS LANE	MEETING 1.5 HRS 10-8-12	0	1117	01/31/2013	187.50	0	02/08/2013		
101001315.000	8914 CHRIS LANE	MEETING 1.75 HRS 12-10-12	0	1116	01/31/2013	218.75	0	02/08/2013		
101001290.000	8915 MARATHON/ FLEET SERVICES	GAS FOR POLICE CARS	0	1003130141	01/30/2013	271.96	0	02/08/2013		
233001399.000	8916 WILLIAM BURKHART JR.	MCAFFEE SECURITY (2 YEARS) FOR 2 LAP	0	235146	01/30/2013	117.64	0	02/08/2013		
233001399.000	8917 GALL'S ARAMARK COMPANY	18 " REFLECTIVE TRAFFIC CONES	0	538519-2	02/06/2013	148.75	0	02/08/2013		
233001399.000	8917 GALL'S ARAMARK COMPANY	TRAFFIC WAND	0	538519-1	02/06/2013	5.10	0	02/08/2013		
233001399.000	8917 GALL'S ARAMARK COMPANY	TRAFFIC LIGHT \$34 X 3	0	538519-1	02/06/2013	102.00	0	02/08/2013		
233001399.000	8917 GALL'S ARAMARK COMPANY	HANDCUFFS	0	538519-1	02/06/2013	15.30	0	02/08/2013		
233001399.000	8917 GALL'S ARAMARK COMPANY	HOLSTER KIT 13.60 X 2	0	538519-1	02/06/2013	27.20	0	02/08/2013		
233001399.000	8917 GALL'S ARAMARK COMPANY	CUFFS	0	538519-1	02/06/2013	21.25	0	02/08/2013		
101001131.000	8918 Greenville Water Utility	WILLIAM BURKHART INSURANCE REIMBURS	0	140	02/11/2013	46.60	0	02/08/2013		
101002315.000	8919 Greenville Water Utility	15 HRS CRYSTAL @ \$12.44	0	139	02/11/2013	186.60	0	02/08/2013		
101002315.000	8919 Greenville Water Utility	5 HRS AMY @ \$ 18.89	0	139	02/11/2013	94.45	0	02/08/2013		
201001361.000	8920 GARY GETROST	4 HRS 1/31/13 SALTING, SANDING, CLE	0	01/31/2013	01/31/2013	100.00	0	02/11/2013		
201001361.000	8920 GARY GETROST	3.5 HRS 02/02/13 SALTING, SANDING,	0	01/31/2013	01/31/2013	87.50	0	02/11/2013		

*** Total *** 5192.95

FUND SUMMARY OF A/P VOUCHERS

FUND	EXPENDED
101	3939.78
201	815.93
233	437.24
*** Total ***	5192.95

I hereby certify that each of the above listed vouchers and the invoices, or bills attached there to, are true and correct and I have audited same in accordance with IC5-11-10-1.6.

February 11, 2013
Joek Franklin
Fiscal Officer

ALLOWANCE OF ACCOUNTS PAYABLE VOUCHERS

TOWN OF GREENVILLE
WATER UTILITY FEBRUARY 11, 2013

We have examined the Accounts Payable Vouchers listed on the foregoing Register of Accounts Payable Vouchers consisting of 4 pages and except for accounts payables not allowed as shown on the Register such accounts payables are hereby allowed in the total amount of \$ 77,458.66.

Dated this 11th day of February 2013

Darryl Kyles _____
Paul [unclear] _____
[unclear] _____

Signatures of Governing Board

ACCOUNTS PAYABLE REGISTER
WATER UTILITY FEBRUARY 11, 2013

BCLDOCLFRX

APPROPRIATION/PAID VOUCHER NUMBER	VENDOR	DESCRIPTION	PO NUM	INVOICE	DATE	AMOUNT	CK NUM	CK DATE	NOPAY	MEMORANDUM
601001502.000	7216 INTERNAL REVENUE SERVICE	TOWN MARSHAL FEDERAL	0		/ /	55.16	11513	01/16/2013		
601001502.000	7216 INTERNAL REVENUE SERVICE	TOWN MARSHAL FICA	0		/ /	36.17	11513	01/16/2013		
601001502.000	7216 INTERNAL REVENUE SERVICE	TOWN MARSHAL MEDICARE	0		/ /	8.46	11513	01/16/2013		
601001502.000	7216 INTERNAL REVENUE SERVICE	DEPUTY FEDERAL	0		/ /	67.66	11513	01/16/2013		
601001502.000	7216 INTERNAL REVENUE SERVICE	DEPUTY FICA	0		/ /	31.00	11513	01/16/2013		
601001502.000	7216 INTERNAL REVENUE SERVICE	DEPUTY MEDICARE	0		/ /	7.25	11513	01/16/2013		
601001502.000	7216 INTERNAL REVENUE SERVICE	MATCHING FICA	0		/ /	67.17	11513	01/16/2013		
601001502.000	7216 INTERNAL REVENUE SERVICE	MATCHING MEDICARE	0		/ /	15.71	11513	01/16/2013		
601001382.000	7217 BANK OF NEW YORK	RESERVE DEBT	0		/ /	1378.57	8485	01/21/2013		
601001381.000	7218 BANK OF NEW YORK	PRINCIPLE	0		/ /	4583.33	8486	01/21/2013		
601001382.000	7218 BANK OF NEW YORK	INTEREST	0		/ /	2199.17	8486	01/21/2013		
601001211.000	7219 Postmaster	BILLINGS	0		/ /	1000.00	8487	01/21/2013		
601001211.000	7219 Postmaster	4 ROLLS OF STAMPS @ 44.00 EACH	0		/ /	176.00	8487	01/21/2013		
601001112.000	7220 PAYROLL	STONE	0		/ /	1116.78	1605	01/24/2013		
601001111.000	7220 PAYROLL	SCHMITT	0		/ /	1131.62	1606	01/24/2013		
601001112.000	7220 PAYROLL	BURKHART	0		/ /	754.37	1607	01/24/2013		
601001112.000	7220 PAYROLL	GETROST	0		/ /	2034.08	1608	01/24/2013		
601001502.000	7222 INTERNAL REVENUE SERVICE	MEDICARE	0		/ /	1.45	12513	01/25/2013		
601001502.000	7222 INTERNAL REVENUE SERVICE	FICA	0		/ /	6.20	12513	01/25/2013		
601001502.000	7222 INTERNAL REVENUE SERVICE	MATCHING TOWN MEDICARE	0		/ /	1.45	12513	01/25/2013		
601001502.000	7222 INTERNAL REVENUE SERVICE	MATCHING TOWN FICA	0		/ /	6.20	12513	01/25/2013		
601001118.000	7222 INTERNAL REVENUE SERVICE	MEDICARE	0		/ /	2.90	12513	01/25/2013		
601001118.000	7222 INTERNAL REVENUE SERVICE	FICA	0		/ /	12.40	12513	01/25/2013		
601001131.000	7222 INTERNAL REVENUE SERVICE	MEDICARE	0		/ /	2.90	12513	01/25/2013		
601001131.000	7222 INTERNAL REVENUE SERVICE	FICA	0		/ /	12.40	12513	01/25/2013		
601001118.000	7223 PAYROLL	JOHNES	0		/ /	175.60	1609	01/25/2013		
601001120.000	7224 PAYROLL	TRAVILLIAN	0		/ /	426.82	1610	01/30/2013		
601001120.000	7224 PAYROLL	RICHARDSON	0		/ /	446.36	1611	01/30/2013		
601001120.000	7224 PAYROLL	WRIGHT	0		/ /	380.34	1612	01/30/2013		
601001120.000	7224 PAYROLL	HAYES	0		/ /	409.14	1613	01/30/2013		
601001120.000	7224 PAYROLL	REDDEN	0		/ /	355.34	1614	01/30/2013		
601001120.000	7224 PAYROLL	KEPLEY	0		/ /	377.51	1615	01/30/2013		
601001502.000	7225 INTERNAL REVENUE SERVICE	TOWN COUNCIL FEDERAL	0		/ /	239.17	13013	01/30/2013		
601001502.000	7225 INTERNAL REVENUE SERVICE	TOWN COUNCIL FICA	0		/ /	57.35	13013	01/30/2013		
601001502.000	7225 INTERNAL REVENUE SERVICE	TOWN COUNCIL MEDICARE	0		/ /	13.41	13013	01/30/2013		
601001502.000	7225 INTERNAL REVENUE SERVICE	TOWN MATCHING FICA	0		/ /	57.35	13013	01/30/2013		
601001502.000	7225 INTERNAL REVENUE SERVICE	TOWN MATCHING MEDICARE	0		/ /	13.44	13013	01/30/2013		
601001120.000	7225 INTERNAL REVENUE SERVICE	FEDERAL	0		/ /	317.00	13013	01/30/2013		
601001120.000	7225 INTERNAL REVENUE SERVICE	FICA	0		/ /	195.86	13013	01/30/2013		
601001120.000	7225 INTERNAL REVENUE SERVICE	MEDICARE	0		/ /	45.80	13013	01/30/2013		

ACCOUNTS PAYABLE REGISTER
WATER UTILITY FEBRUARY 11, 2013

APPROPRIATION/ VOUCHER NUMBER	VENDOR	DESCRIPTION	PO NUM	INVOICE	DATE	AMOUNT	CK NUM	CK DATE	NO PAY	MEMORANDUM
601001131.000	7225 INTERNAL REVENUE SERVICE	FICA	0		//	195.86	13013	01/30/2013		
601001131.000	7225 INTERNAL REVENUE SERVICE	MEDICARE	0		//	45.82	13013	01/30/2013		
601001502.000	7226 INTERNAL REVENUE SERVICE	MARSHAL FEDERAL	0		//	122.82	13113	01/31/2013		
601001502.000	7226 INTERNAL REVENUE SERVICE	MARSHAL FICA	0		//	67.17	13113	01/31/2013		
601001502.000	7226 INTERNAL REVENUE SERVICE	MEDICARE	0		//	15.71	13113	01/31/2013		
601001502.000	7226 INTERNAL REVENUE SERVICE	MARSHAL MATCHING FICA	0		//	67.17	13113	01/31/2013		
601001502.000	7226 INTERNAL REVENUE SERVICE	MARSHAL MATCHING MEDICARE	0		//	15.71	13113	01/31/2013		
601001501.000	7227 INDIANA DEPARTMENT OF REV	METERED SALES OF \$63340.91 X 7%	0		//	4433.86	20713	02/07/2013		
601001111.000	7228 PAYROLL	SCHMITT	0		//	1095.64	1618	02/07/2013		
601001112.000	7228 PAYROLL	GETROST	0		//	2034.08	1616	02/07/2013		
601001112.000	7228 PAYROLL	STONE	0		//	1116.78	1617	02/07/2013		
601001112.000	7228 PAYROLL	BURKHART	0		//	754.37	1619	02/07/2013		
601001111.000	7229 INDIANA DEPARTMENT OF REV	FEDERAL	0		//	189.74	200713	02/07/2013		
601001111.000	7229 INDIANA DEPARTMENT OF REV	FICA	0		//	90.77	200713	02/07/2013		
601001111.000	7229 INDIANA DEPARTMENT OF REV	MEDICARE	0		//	21.23	200713	02/07/2013		
601001112.000	7229 INDIANA DEPARTMENT OF REV	FEDERAL	0		//	639.44	200713	02/07/2013		
601001112.000	7229 INDIANA DEPARTMENT OF REV	FICA	0		//	321.62	200713	02/07/2013		
601001112.000	7229 INDIANA DEPARTMENT OF REV	MEDICARE	0		//	75.22	200713	02/07/2013		
601001131.000	7229 INDIANA DEPARTMENT OF REV	FICA	0		//	412.39	200713	02/07/2013		
601001131.000	7229 INDIANA DEPARTMENT OF REV	MEDICARE	0		//	96.44	200713	02/07/2013		
601001118.000	7230 PAYROLL	JOHNS	0		//	175.60	1620	02/08/2013		
601001118.000	7231 INDIANA DEPARTMENT OF REV	FICA	0		//	12.40	20813	02/08/2013		
601001118.000	7231 INDIANA DEPARTMENT OF REV	MEDICARE	0		//	2.90	20813	02/08/2013		
601001131.000	7231 INDIANA DEPARTMENT OF REV	FICA	0		//	12.40	20813	02/08/2013		
601001131.000	7231 INDIANA DEPARTMENT OF REV	MEDICARE	0		//	2.90	20813	02/08/2013		
601001502.000	7231 INDIANA DEPARTMENT OF REV	TOWN MANAGER FICA	0		//	6.20	20813	02/08/2013		
601001502.000	7231 INDIANA DEPARTMENT OF REV	TOWN MANAGER MEDICARE	0		//	1.45	20813	02/08/2013		
601001502.000	7231 INDIANA DEPARTMENT OF REV	TOWN MATCING FICA	0		//	6.20	20813	02/08/2013		
601001502.000	7231 INDIANA DEPARTMENT OF REV	TOWN MANAGER MEDICARE	0		//	1.45	20813	02/08/2013		
601001352.000	7232 Pearce Bottled Gas	PROPANE FOR OFFICE SEE RECEIPT	0		//	698.85	0	02/08/2013		
601001134.000	7233 HUMANA INC.	SEE ATTACHED	0	619834-001	//	6550.40	0	02/08/2013		
601001354.000	7234 Edwardsville Water	7,042,000 GALLONS PURCHASED	0		//	19906.82	0	02/08/2013		
601001360.000	7235 IUUPS	126 TICKETS @ .90 EACH	0	ID8749	//	113.40	0	02/08/2013		
601001210.000	7236 OFFICE DEPOT	SEE RECEIPTS	0		//	113.97	0	02/08/2013		
601001354.000	7237 Floyds Knobs Water	2,638,000 GALLONS	0	100002	//	9655.08	0	02/08/2013		
601001350.000	7238 VERIZON WIRELESS	CELL PHONES	0	480776154-00001	//	174.98	0	02/08/2013		
601001320.000	7239 Jacobi Oil Service	SEE ATTACHED RECEIPTS	0	GREENW1	//	531.26	0	02/08/2013		

ACCOUNTS PAYABLE REGISTER
WATER UTILITY FEBRUARY 11, 2013

APPROPRIATION/P VOUCHER NUMBER	VENDOR	DESCRIPTION	PO NUM	INVOICE	DATE	AMOUNT	CK NUM	CK DATE	NOPAY	MEMORANDUM
601001354.000	7240 Ramsey Water	100,000 GALLONS PURCHASED	0	105723	//	457.77	0	02/08/2013		
601001360.000	7241 DAN CHRISIANI EXCAVATING	FIX LEAK NAVILLETON ROAD	0	58898	//	900.00	0	02/08/2013		
601001360.000	7241 DAN CHRISIANI EXCAVATING	LOCATE LEAK	0	58900	//	230.00	0	02/08/2013		
601001360.000	7241 DAN CHRISIANI EXCAVATING	DIG UP WATER TANK FIND LEAK	0	58927	//	862.50	0	02/08/2013		
601001360.000	7241 DAN CHRISIANI EXCAVATING	LEAK 6225 HIGHWAY 150	0	58928	//	1384.40	0	02/08/2013		
601001230.000	7242 Waller's Meter	SEE ATTACHED RECEIPTS	0		//	658.44	0	02/08/2013		
601001320.000	7243 NEW ALBANY AUTO BODY REPAIR	SILVER TRUCK DRIVER DOOR HINGE	0		//	150.00	0	02/08/2013		
601001320.000	7244 BIG O TIRES	SEE ATTACHED RECEIPT	0	HO-110397	//	38.74	0	02/08/2013		
601001230.000	7245 EARTH FIRST OF KENTUCKIAN	SEE ATTACHED RECEIPT	0	73448	//	92.26	0	02/08/2013		
601001360.000	7246 CHRIS LANE	SEE ATTACHED RECEIPT	0	1112	//	655.75	0	02/08/2013		
601001360.000	7247 Enviromental Laboratories	3 TOTAL COLIFORM @ 16.00 EA	0	20132288	//	48.00	0	02/08/2013		
601001360.000	7247 Enviromental Laboratories	2 TOTAL COLIFORM @ 16.00 EACH	0	20132006	//	32.00	0	02/08/2013		
601001360.000	7247 Enviromental Laboratories	2 TOTAL COLIFORM @ 16.00 EACH	0	20129702	//	32.00	0	02/08/2013		
601001130.000	7248 PLIC-SBD GRAND ISLAND	SEE ATTACHED INVOICE	0	1027550-100001	//	424.80	0	02/08/2013		
601001350.000	7249 AT & T	OFFICE PHONES	0	81292398217619	//	341.73	0	02/08/2013		
601001230.000	7250 BOYCE SYSTEMS	W/2	0	0746463	//	31.02	0	02/08/2013		
601001360.000	7251 DUPLICATOR SALES & SERVIC	MAINT BASE	0	336775	//	64.20	0	02/08/2013		
601001360.000	7251 DUPLICATOR SALES & SERVIC	CHARGEABLE COPIES	0	336775	//	33.45	0	02/08/2013		
601001351.000	7252 DUKE ENERGY	PEKIN ROAD	0	65802890014	//	281.37	0	02/08/2013		
601001351.000	7252 DUKE ENERGY	WIND HILL PUMPST	0	01903002014	//	33.68	0	02/08/2013		
601001351.000	7252 DUKE ENERGY	CLARK STREET	0	02603002019	//	47.07	0	02/08/2013		
601001351.000	7252 DUKE ENERGY	CLARK ST	0	91603002011	//	110.47	0	02/08/2013		
601001134.000	7253 DEARBORN NATIONAL	SEE ATTACHED	0	F41NPO51437	//	1057.40	0	02/08/2013		
601001355.000	7254 Greenville Water Utility	OFFICE USAGE	0	10750	//	22.99	0	02/08/2013		
601001111.000	7255 INDIANA DEPT OF REVENUE	STATE	0		//	91.46	0	02/08/2013		
601001111.000	7255 INDIANA DEPT OF REVENUE	COUNTY	0		//	30.94	0	02/08/2013		
601001112.000	7255 INDIANA DEPT OF REVENUE	STATE	0		//	355.71	0	02/08/2013		
601001112.000	7255 INDIANA DEPT OF REVENUE	COUNTY	0		//	113.54	0	02/08/2013		
601001118.000	7255 INDIANA DEPT OF REVENUE	STATE	0		//	13.60	0	02/08/2013		
601001118.000	7255 INDIANA DEPT OF REVENUE	COUNTY	0		//	4.60	0	02/08/2013		
601001120.000	7255 INDIANA DEPT OF REVENUE	STATE	0		//	169.59	0	02/08/2013		
601001120.000	7255 INDIANA DEPT OF REVENUE	COUNTY	0		//	35.38	0	02/08/2013		
601001502.000	7255 INDIANA DEPT OF REVENUE	TOWN COUNCIL STATE	0		//	55.87	0	02/08/2013		
601001502.000	7255 INDIANA DEPT OF REVENUE	TOWN COUNCIL COUNTY	0		//	5.37	0	02/08/2013		
601001502.000	7255 INDIANA DEPT OF REVENUE	TOWN TREASURER STATE	0		//	33.50	0	02/08/2013		
601001502.000	7255 INDIANA DEPT OF REVENUE	MARSHAL STATE	0		//	73.66	0	02/08/2013		

BCLDOCLFRX

ACCOUNTS PAYABLE REGISTER
WATER UTILITY FEBRUARY 11, 2013

APPROPRIATION/P VOUCHER NUMBER	VENDOR	DESCRIPTION	PO NUM	INVOICE	DATE	AMOUNT	CK NUM	CK DATE	NO PAY	MEMORANDUM
601001502.000	7255 INDIANA DEPT OF REVENUE	MARSHAL COUNTY	0		//	24.92	0	02/08/2013		
601001502.000	7255 INDIANA DEPT OF REVENUE	TOWN MANAGER STATE	0		//	6.80	0	02/08/2013		
601001502.000	7255 INDIANA DEPT OF REVENUE	TOWN MANAGER COUNTY	0		//	2.30	0	02/08/2013		
601001502.000	7255 INDIANA DEPT OF REVENUE	TOWN TREASURER COUNTY	0		//	2.88	0	02/08/2013		
601001131.000	7256 INDIANA DEPT OF WORKFORCE	VOLUNTARY PAYMENT AMOUNT TO OBTAIN	0	132593	//	231.51	0	02/08/2013		
601001360.000	7257 GREENER, LINDA	OFFICE CLEANING	0		//	220.00	0	02/11/2013		
*** Total ***						77458.66				

FUND SUMMARY OF A/P VOUCHERS

	FUND	EXPENDED
	601	77458.66
*** Total ***		77458.66

**Town of Greenville
P.O. Box 188
Greenville, In. 47124**

Town Manager Report for 02-11-2013

1. Added all information from previous Monthly Meeting to electronic files, flashkey copy of information given to Amy and Jack.
2. Sent information to update web-site.
3. Updated Construction Project Tracking Charts Water Tower and Pumping Station Relocation and submitted to Council.
4. Reviewed invoices submitted on the Water Tower and Pumping Station Relocation. Submitted invoices and SRF Distribution Forms to Clerk/Treasurer for submittal to SRF.
5. Sent approved Monthly Minutes for December 10th, 2012 and certain Resolutions and Ordinances to GBP.
6. Continued to be involved in consultation on the Water Tower and Pumping Station Relocation Projects with Engineers on a weekly basis.
8. Wrote {2} Ordinances and {2} Resolutions.
9. Review Monthly Minutes for January 14th, 2013 and made corrections.
10. Wrote February 11th Agenda for Talbotte.

Randal Johnes
Greenville Town Manager / Consultant

Town of Greenville Water Utility
P.O. Box 188, 9706 Clark Street
Greenville, In. 47124
{812} 923-9128

400,000 GALLON GREENVILLE WATER TOWER AND PUMPING STATION RELOCATION PROJECT FUNDING TRACKING

NOTE: ALL PAYMENTS SHALL BE CHARGED AGAINST SRF LOAN # DW10152201

CONTRACTOR: NON-CONSTRUCTION COST ENGINEERING AND FINANCIAL

CONTRACT AMOUNT: \$ 181,253.00

PROJECT START DATE:

FUNDED AMOUNT APPROVED / OR REMAINING	INVOICED FROM AND INVOICE NO.	AMOUNT OF INVOICE	DATE OF INVOICE	AMOUNT APPROVED FOR PAYMENT	DATE OF PAYMENT	WATER UTILITY CHECK NO.	SRF CHECK NO. TO WATER UTILITY	SRF CHECK DATE	FUNDING BALANCE REMAINING
\$ 181,253.00	INDIANA FINANCE AUTHORITY INV. # 0001497-IN TRUSTEE FEES	\$ 1,000.00	09/12/12	\$ 1,000.00	09/11/2012	000136	NON-REFUNDABLE FROM SRF LOAN		
	SRF DISTRIBUTION FORM 9-11-12 REIMBURSEMENT O. W. KROHN	\$ 27,246.00	09/11/12	\$ 27,246.00	09/28/2012		CHECK 0004135021 BNY MELLON	09/25/12	\$ 154,007.00
\$ 154,007.00	SRF DISTRIBUTION FORM 9/11/12 REIMBURSEMENT JTL	\$ 48,713.00	09/11/12	\$ 48,713.00	09/28/2012		CHECK 0004135022 BNY MELLON	09/25/12	\$ 105,294.00

Town of Greenville Water Utility
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{812} 923-9128

FUNDED AMOUNT APPROVED / OR REMAINING	INVOICED FROM AND INVOICE NO.	AMOUNT OF INVOICE	DATE OF INVOICE	AMOUNT APPROVED FOR PAYMENT	DATE OF PAYMENT	WATER UTILITY CHECK NO.	SRF CHECK NO. TO WATER UTILITY	SRF CHECK DATE	FUNDING BALANCE REMAINING
\$ 105,294.00	SRF DISTRIBUTION FORM 09/11/12 BARNES & THORNBURG LLP INV# 1515882	\$ 34,192.53	09/11/12	\$ 34,193.00	9/25/12		WIRE TRANSFER BNY TRUSTEE CERTIFICATION 9-25-12	9/25/12	\$ 71,101.00
\$ 71,101.00	SRF DISTRIBUTION FORM 09/11/12 BINGHAM GREENEBAUM DOLL INV# 9/11/12	\$ 5,648.00	09/11/12	\$ 5,648.00	9/25/12		WIRE TRANSFER BNY TRUSTEE CERTIFICATION 9-25-12	9/25/12	\$ 65,453.00
\$ 65,453.00	SRF DISTRIBUTION FORM 9/21/12 INVOICE # WT08312012 O.W. KROHN	\$ 1,897.00	09/21/12	\$ 1,897.00	10/11/12		WIRE TRANSFER BNY TRUSTEE CERTIFICATION 10-11-12	10/11/12	\$ 63,556.00
\$ 63,556.00	SRF DISTRIBUTION FORM 10/04/12 JACOBI, TOOMBS, LANZ INVOICE# 12-0271	\$ 990.00	09/28/12	\$ 990.00	11/08/12		WIRE TRANSFER BNY TRUSTEE CERTIFICATION 11-08-12	11/08/12	\$ 62,566.00

Town of Greenville Water Utility
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{812} 923-9128

FUNDED AMOUNT APPROVED / OR REMAINING	INVOICED FROM AND INVOICE NO.	AMOUNT OF INVOICE	DATE OF INVOICE	AMOUNT APPROVED FOR PAYMENT	DATE OF PAYMENT	WATER UTILITY CHECK NO.	SRF CHECK NO. TO WATER UTILITY	SRF CHECK DATE	FUNDING BALANCE REMAINING
\$ 62,566.00	SRF DISTRIBUTION FORM 10/16/12 INVOICE # WT09302012 O.W. KROHN	\$ 3,989.00	09/30/12	\$ 3,989.00	12/06/12		WIRE TRANSFER BNY TRUSTEE CERTIFICATI ON 12-06-12	12/06/12	\$ 58,557.00
	INVOICE# 1107 CHRIS LANE	\$ 750.00	10/11/12	\$ 750.00	11/13/12	000137	NON-REFUNDABLE FROM SRF LOAN		
\$ 58,557.00	SRF DISTRIBUTION FORM 11/02/12 JACOBI, TOOMBS, LANZ INVOICE# 12-0336	\$ 2,428.00	10/31/12	\$ 2,428.00	11/20/12		WIRE TRANSFER BNY TRUSTEE CERTIFICATION 11-20-12	11/20/12	\$ 56,149.00
\$ 56,149.00	SRF DISTRIBUTION FORM 12/06/12 JACOBI, TOOMBS, LANZ INVOICE# 12-0383	\$ 5,006.60	11/28/12	\$ 5,007.00	12/20/12		WIRE TRANSFER BNY TRUSTEE CERTIFICATION 12-20-12	12/20/12	\$ 51,142.00

Town of Greenville Water Utility
P.O. Box 188, 9706 Clark Street
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{812} 923-9128

FUNDED AMOUNT APPROVED / OR REMAINING	INVOICED FROM AND INVOICE NO.	AMOUNT OF INVOICE	DATE OF INVOICE	AMOUNT APPROVED FOR PAYMENT	DATE OF PAYMENT	WATER UTILITY CHECK NO.	SRF CHECK NO. TO WATER UTILITY	SRF CHECK DATE	FUNDING BALANCE REMAINING
\$ 51,142.00	SRF DISTRIBUTION FORM 01/09/13 JACOBI, TOOMBS, LANZ INVOICE# 12-0431	\$7,577.30	12/31/12	\$7,577.00	1/15/13		WIRE TRANSFER BNY TRUSTEE CERTIFICATION 1-15-13	1-15-13	\$ 43,565.00
\$ 43,565.00	SRF DISTRIBUTION FORM 02/01/13 JACOBI, TOOMBS, LANZ INVOICE# 12-0505	\$5,010.30	1/28/13	\$5,010.00					\$ 38,555.00
\$ 38,555.00									

Town of Greenville Water Utility
P.O. Box 188, 9706 Clark Street
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{812} 923-9128

PUMPING STATION PROJECT FUNDING TRACKING

NOTE: ALL PAYMENTS SHALL BE CHARGED AGAINST SRF LOAN #

CONTRACTOR: CRISTIANI EXCAVATING CO., INC.

CONTRACT AMOUNT: \$ 194,506.80 ORIGINAL BID PLUS C.O. #1 \$ 65,773.91 = \$260,280.71 PLUS C.O. #B-2 \$ 2,100.00 {FROM CONTINGENCY} = \$262,380.71 PLUS C.O. #B-3 \$ 2,100.00 {FROM CONTINGENCY} = \$264,480.71

AUTHORIZED BY ORDINANCE NO. 2012-WR-045 DATED JULY 9TH, 2012

PROJECT START DATE:

FUNDED AMOUNT APPROVED / OR REMAINING	INVOICED NO. FROM CRISTIANI	AMOUNT OF INVOICE CRISTIANI	DATE OF INVOICE CRISTIANI	AMOUNT APPROVED FOR PAYMENT	SRF SUBMITTAL DATE	WATER UTILITY CHECK NO.	SRF CHECK DATE	SRF APPROVED CHANGE ORDER	FUNDING BALANCE REMAINING
\$262,380.71	58574 AIA APPLICATION AND CERTIFICATION FOR PAYMENT 12-03-12	\$61,371.90	11-21-12	\$61,272	11-28-12		WIRE TRANSFER BNY TRUSTEE CERTIFICATION 12-06-12		\$201,108.71
\$201,108.71	58575 AIA APPLICATION AND CERTIFICATION FOR PAYMENT 12-03-12	\$2,100.00	11-21-12	\$1,990	11-28-12		WIRE TRANSFER BNY TRUSTEE CERTIFICATION 12-06-12	YES	\$199,118.71

Town of Greenville Water Utility
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Greenville, In. 47124
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FUNDED AMOUNT APPROVED / OR REMAINING	INVOICED NO. FROM CRISTIANI	AMOUNT OF INVOICE CRISTIANI	DATE OF INVOICE CRISTIANI	AMOUNT APPROVED FOR PAYMENT	SRF SUBMITTAL DATE	WATER UTILITY CHECK NO.	SRF CHECK DATE	SRF APPROVED CHANGE ORDER	FUNDING BALANCE REMAINING
\$199,118.71	AIA APPLICATION AND CERTIFICATION FOR PAYMENT 12-28-12	\$106,703	12-20-12	\$106,703	12-28-2012		WIRE TRANSFER BNY TRUSTEE CERTIFICATION 01-17-13		\$92,415.71
\$92,415.71	B-3 APPROVED BY SRF INCLUDED IN AIA APPLICATION AND CERTIFICATION FOR PAYMENT 12-28-12	DEBIT FROM CONTINGENCY \$2,100		APPROVED FOR TRANSFER \$2,100	12-28-2012			YES	\$94,515.71
\$94,515.71	AIA APPLICATION AND CERTIFICATION FOR PAYMENT 2-01-13	\$20,112.82	1-23-13	\$20,113.00	02-01-2013				\$74,4012.71

Town of Greenville Water Utility
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400,000 GALLON GREENVILLE WATER TOWER PROJECT FUNDING TRACKING

NOTE: ALL PAYMENTS SHALL BE CHARGED AGAINST SRF LOAN #

CONTRACTOR: PHOENIX FABRICATORS AND ERECTORS, INC.

CONTRACT AMOUNT: \$ 773,536.00 PLUS C.O. #1 \$ 31,500.00 = \$ 805,036.00

AUTHORIZED BY ORDINANCE NO. 2012-WR-045 DATED JULY 9TH, 2012

PROJECT START DATE:

FUNDED AMOUNT APPROVED / OR REMAINING	INVOICED NO. FROM PHOENIX	AMOUNT OF INVOICE PHOENIX	DATE OF INVOICE PHOENIX	AMOUNT APPROVED FOR PAYMENT	DATE OF PAYMENT	WATER UTILITY CHECK NO.	SRF SUBMITTAL DATE	SRF CHECK DATE	SRF APPROVE D CHANGE ORDER	FUNDING BALANCE REMAINING
\$ 805,036	APPLICATION SRF SUBMITTAL 11-28-12	\$104,040	11-27-12	\$104,040			11-28-12	WIRE TRANSFER BNY TRUSTEE CERTIFICATION 12-06-12		\$700,996
\$700,996	APPLICATION SRF SUBMITTAL 12-28-12	\$298,652	12-19-12	\$298,652			12-28-12	WIRE TRANSFER BNY TRUSTEE CERTIFICATION 01-17-13		\$402,344
\$402,344	APPLICATION SRF SUBMITTAL 02-01-13	\$66,092.20	01-30-13	\$66,092			02-01-13			\$336,252
\$336,252										



GREENVILLE TOWN & WATER UTILITY COUNCIL
PROJECT STATUS REPORT
JACOBI, TOOMBS AND LANZ, INC.
January 14, 2014

JOB NO. 11090- GREENVILLE WATER TANK & BOOSTER STATION

Division A - Water Tank

- The tank has been delivered to the site.
- The Phoenix tank erection crew is on site, and is preparing to construct the water tank.

Division B - Booster Station

- The booster station has been relocated to the new site, and set in place.
- The contractor has completed the installation and testing of the water main from the meter pit to the booster station.
- The contractor has installed the water main from the booster station to Everett Avenue, and they are testing the water main for leaks.
- The pumps and controls have been ordered.

Sincerely,
JACOBI, TOOMBS AND LANZ, INC.

Aaron Sutherland, PE



GREENVILLE TOWN & WATER UTILITY COUNCIL
PROJECT STATUS REPORT
JACOBI, TOOMBS AND LANZ, INC.
February 11, 2013

JOB NO. 11090- GREENVILLE WATER TANK & BOOSTER STATION

Division A - Water Tank

- The tank is being erected, with completion anticipated in Mid-February.
- Once the tank erection is complete, Phoenix will request a stop work order until the weather improves for painting. It is anticipated that the painting will begin in May.

Division B - Booster Station

- The pumps are being installed in the booster station.
- It is anticipated that the construction will be completed by the end of February.
- We anticipate a start-up test for the booster station on February 26, 2013.

Sincerely,
JACOBI, TOOMBS AND LANZ, INC.

Aaron Sutherland, PE

johnesdrafting

From: "Leo Messmer" <leo@dcexc.com>
To: "Aaron Sutherland" <a.sutherland@jtleng.com>; <Johnesdrafting@insightbb.com>; <SUPER-GRE-WATER@INSIGHTBB.COM>; <J.KAPFHAMMER@JTLENG.COM>
Cc: <kbumpus@straefferpump.com>
Sent: Thursday, February 07, 2013 4:02 PM
Subject: GREENVILLE BOOSTER STATION

AARON,

I WISH TO SCHEDULE THE BOOSTER STATION START UP ON FEB 26TH.
PLEASE LET ME KNOW ASAP IF IT IS ACCEPTABLE SO I LOCK IN THE DATE WITH
STRAEFFER PUMP.

Thanks,
Leo Messmer
Manager

DAN CRISTIANI EXCAVATING Co., Inc.
1221 OLD HWY. 31 E.
CLARKSVILLE, IN. 47129
PHONE (812) 282-9866
FAX (812) 282-9908
CELL (502) 552-4689

PROGRESS MEETING

January 21, 2013

1:00 P.M.

**400,000 Gallon Elevated Tank, Booster
Station, Water Main Extension, and Tank
Site Work
Job No. 11090**

AGENDA

1. Project Schedule Update
Division 'A'
Division 'B'
2. SRF & Labor Standard Requirements
3. Pay Request
4. Engineer's Comments
5. Contractor's Comments
Division 'A'
Division 'B'
6. Town Comments & Concerns
7. Discussion of Other Construction Issues and Concerns
8. Next Progress Meeting



BNY MELLON

Corporate Trust

01/17/2013

Town of Greenville
Attn: Jack Travillian
P.O. Box 188, 9706 Clark Street
Greenville, IN 47124

Indiana Finance Authority
Attn: Matt Martin
One North Capital
Suite 900
Indianapolis, IN 46204

RE: State of Indiana, Wastewater and Drinking Water Revolving Loan
(SRF) Program - Request for Disbursement

Dear Mr. Travillian and Mr. Martin:

Pursuant to the Trustee's Certification, enclosed please find completed copies of the Requests Disbursement #12-13. These requests were completed on 01/17/2013.

Please see the attached State Revolving Fund direction letter that indicates the manner in which the funds have been disbursed.

If you have any questions on this matter, please feel free to contact me.

Sincerely,

Derick Rush
Account Executive
(317) 637-7778

Enclosures

SRF

SRF Disbursement Request Form

Participant Information			
Name: <u>Town of Greenville Municipal Water Utility</u>		SRF Loan	<u>DW10152201</u>
DUNS Number:	<u>199118514</u>	CCR Number:	<u>6SMK2</u>
Request Number:		<u>13</u>	
Mailing: <u>PO Box 188, 9706 Clark Street</u>			
City:	<u>Greenville</u>	State:	<u>Indiana</u>
ZIP:		<u>47124</u>	
Contact Person:	<u>Randal Johnes, Town Manager</u>		Contact Phone Number: <u>812-923-9158</u>
Authorized:	<u>Jack Travillian, Clerk Treasurer</u>		Authorized Representative Phone Number: <u>812-923-9823</u>
If requesting reimbursement to the Participant by wire transfer please provide the following information:			
Bank Name:		Bank Routing:	
Account Name:		Account Number:	
Loan Information			
Description of work for which claim is being made (services, fees, type of work, etc.):		<u>Construction Costs</u>	
Is any part of this claim funded by an alternate funding source?			<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
If yes, please identify the source and amount of the claim funded by the alternate source (OCRA, SAP, Local Funds):			<u>0</u>
Is any part of this claim funded by the Indiana Brownfields Program?			<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Has the Participant paid the request and is now seeking reimbursement?			<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Is any part of this claim a result of a change order? If yes, please attach the SRF change order approval letter.			<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Are there Green Project Reserve components involved in this request?			<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
If yes, please describe:			
Loan Financial Information			
Original Loan Amount:	<u>RECEIVED</u>	\$	<u>1,300,000</u> ✓
Total Amount of Previous Disbursements:	<u>JAN 0 1 2013</u>	\$	<u>596,065</u> ✓
Balance Available After this Disbursement:	<u>JAN 0 9 2013</u>	\$	<u>597,232</u> ✓
Amount to Contractor for this Request:	<u>INDIANA FINANCE AUTHORITY</u>	\$	<u>106,703</u> ✓
Is any part of this request a partial or final release of retainage to the contractor?			<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Contractor:	<u>Dan Christian Excavating Co., Inc.</u>	DUNS	<u>068329531</u>
Mailing: <u>1221 Old Highway 31 East</u>			
City:	<u>Clarksville</u>	State:	<u>Indiana</u>
ZIP:		<u>47129</u>	
Wiring Information:			
Bank Name:		Bank Routing:	
Account:		Account Number:	
Retainage Amount for this Request:			\$ <u>11,864</u>
Please select one of the following retainage payment options:			
Participant requests that the retainage amount be held by SRF:			<input checked="" type="checkbox"/>
Participant requests that the retainage amount be sent to the Participant via check to the mailing address listed above:			<input type="checkbox"/>
Participant requests that the retainage amount be sent to the following bank:			<input type="checkbox"/>
Bank:		Bank Routing:	
Account:		Account Number:	
Total Amount of this Request:			\$ <u>106,703</u> ✓
The undersigned hereby certifies that this Request is true and correct, that the claim underlying this Request is legally due (and is payable from SRF) in accordance with the Participant's Financial Assistance Agreement with the Authority.			
Authorized Representative:	<u>Jack Travillian</u>	Date:	<u>12/28/12</u>
For Internal Use Only:			
Approved By:	<u>[Signature]</u>	Date:	<u>1-2-13</u>
GPR Amount:		\$ <u>—</u>	

**INDIANA FINANCE AUTHORITY
DISBURSEMENT AUTHORIZATION**

The State Revolving Fund finds \$ 106,703 of the claim underlying this Disbursement Request to be eligible SRF Project Costs to be disbursed as directed below.

The undersigned Program Representative has been duly authorized by the Indiana Finance Authority (Authority) to approve disbursements from the State Revolving Fund Loan Program and hereby (i) authorizes the trustee to disburse the total amount stated below and (ii) directs that such amount be mailed out to:

<u>\$ 106,703</u>	the Contractor at the address identified on Page 1.
<u>\$ -</u>	the Participant for reimbursement at the address identified on page 1.
<u>\$ -</u>	the Participant for escrow retainage at the address identified on page 1.
<u>\$ -</u>	the 2nd party for escrow retainage at the address identified on page 1.

AUTHORITY REVIEW

Completed By: Gayle Hicks
Gayle Hicks Disbursement Coordinator

PROGRAM REPRESENTATIVE

By: William Harkins
William Harkins, SRF Program Director

Date: January 7, 2013

Trustee Certification

The undersigned, on behalf of the trustee, hereby certifies that a Disbursement Request in the amount authorized by the Authority, together with a completed copy of this Disbursement Request, was mailed on _____, 2013 to the party set forth above. Further, a copy of this completed Disbursement Request has been mailed to the Participant and the Authority, c/o the State Revolving Fund Loan Program.

Trustee Authorized Officer

Date: 1.17.13

By: Amy L. Over
Authorized Officer



State Revolving Fund Loan Program
 an Indiana Finance Authority Environmental Program

100 North Senate Avenue, Room 1275
 Indianapolis, Indiana 46204
 www.srf.in.gov

William Harkins
 SRF Program Director
 (317) 234-4862
 wharkins@ifa.in.gov

January 10, 2013

VIA HAND DELIVERY

Mr. Derick Rush
 Account Executive
 The Bank of New York
 300 North Meridian, Suite 910
 Indianapolis, IN 46204

Re: Request for Disbursement
 DW 10152201
 Town of Greenville Municipal Water Utility
 Account: 684584

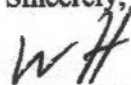
The attached Request for Disbursement numbers 12-13 submitted by the Town of Greenville Municipal Water Utility have been reviewed and approved by the SRF Loan Program.

A SRF cash draw in the amount of \$405,355 for the Town of Greenville Municipal Water Utility is hereby requested from the SRF DW Equity Grant Account and summarized below.

Request No.	Disbursement Amount	Estimated Federal Share (49.34%)
12	\$ 298,652 ✓	
13	\$ 106,703 ✓	
TOTAL	\$ 405,355 ✓	\$ 200,002

Signature Verified
 By: Susan McAfee (Sign)
SUSAN MCAFEE (Print)
1/14/13 (Date)

If not Signature Verified, why not?

Sincerely,

 William Harkins
 Program Director
 State Revolving Fund

Attachments

SRF

SRF Disbursement Request Form

Participant Information

Name: Town of Greenville Municipal Water Utility SRF Loan: DW10152201

DUNS Number: 199118514 CCR Number: 6SMK2 Request Number: 12

Mailing: PO Box 188, 9706 Clark Street

City: Greenville State: Indiana ZIP: 47124

Contact Person: Randal Johns, Town Manager Contact Phone Number: 812-923-9158

Authorized: Jack Travillian, Clerk Treasurer Authorized Representative Phone Number: 812-923-9821

If requesting reimbursement to the Participant by wire transfer please provide the following information:

Bank Name: _____ Bank Routing: _____

Account Name: _____ Account Number: _____

John
11/7/13

Loan Information

Description of work for which claim is being made (services, fees, type of work, etc.): _____ Construction Costs

Is any part of this claim funded by an alternate funding source? YES NO

If yes, please identify the source and amount of the claim funded by the alternate source (OCRA, SAP, Local Funds): _____

Is any part of this claim funded by the Indiana Brownfields Program? YES NO

Has the Participant paid the request and is now seeking reimbursement? YES NO

Is any part of this claim a result of a change order? If yes, please attach the SRF change order approval letter. YES NO

Are there Green Project Reserve components involved in this request? YES NO

If yes, please describe: _____

Loan Financial Information

Original Loan Amount: _____ \$ 1,300,000 ✓

Total Amount of Previous Disbursements: _____ \$ 297,413 ✓

Balance Available After this Disbursement: _____ \$ 703,935 ✓

Amount to Contractor for this Request: _____ \$ 298,652 ✓

Is any part of this request a partial or final release of retainage to the contractor? YES NO

Contractor: Phoenix Fabricators & Erectors, INC. DUNS: 155134398

Mailing: 182 S County Road 900 E

City: Avon State: Indiana ZIP: 46123

Wiring Information:

Bank Name: _____ Bank Routing: _____

Account: _____ Account Number: _____

Retainage Amount for this Request: _____ \$ 33,184

Please select one of the following retainage payment options:

Participant requests that the retainage amount be held by SRF:

Participant requests that the retainage amount be sent to the Participant via check to the mailing address listed above:

Participant requests that the retainage amount be sent to the following bank:

Bank: _____ Bank Routing: _____

Account: _____ Account Number: _____

Total Amount of this Request: _____ \$ 298,652 ✓

The undersigned hereby certifies that this Request is true and correct, that the claim underlying this Request is legally due (and is payable from SRF) in accordance with the Participant's Financial Assistance Agreement with the Authority.

Authorized Representative: Jack Travillian Date: 12-28-12

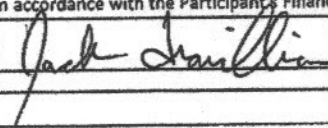
For Internal Use Only:

Approved By: [Signature] Date: 1-2-13 GPR Amount: \$ _____

SRF Disbursement Request Form

Participant Information									
Name:	Town of Greenville Municipal Water Utility	SRF Loan	DW10152201						
DUNS Number:	199118514	CCR Number:	6SMK2						
Request Number:	16								
Mailing	PO Box 188, 9706 Clark Street								
City	Greenville	State:	Indiana						
ZIP	47124								
Contact Person:	Randal Johnes, Town Manager	Contact Phone Number:	812-923-9158						
Authorized	Jack Travillian, Clerk Treasurer	Authorized Representative Phone Number:	812-923-9821						
If requesting reimbursement to the Participant by wire transfer please provide the following information:									
Bank Name:		Bank Routing							
Account Name:		Account Number:							
Loan Information									
Description of work for which claim is being made (services, fees, type of work, etc.):		Construction Costs							
Is any part of this claim funded by an alternate funding source?								<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
If yes, please identify the source and amount of the claim funded by the alternate source (OCRA, SAP, Local Funds):									
Is any part of this claim funded by the Indiana Brownfields Program?								<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
Has the Participant paid the request and is now seeking reimbursement?								<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
Is any part of this claim a result of a change order? If yes, please attach the SRF change order approval letter.								<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
Are there Green Project Reserve components involved in this request?								<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
If yes, please describe:									
Loan Financial Information									
Original Loan Amount:		\$	1,300,000						
Total Amount of Previous Disbursements:		\$	715,355						
Balance Available After this Disbursement:		\$	518,553						
Amount to Contractor for this Request:		\$	66,092						
Is any part of this request a partial or final release of retainage to the contractor?								<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
Contractor	Phoenix Fabricators & Erectors, INC.		DUNS	155134398					
Mailing	182 S County Road 900 E								
City	Avon		State:	Indiana		ZIP	46123		
Wiring Information:									
Bank Name:		Bank Routing							
Account		Account Number:							
Retainage Amount for this Request:		\$	0						
Please select one of the following retainage payment options:									
Participant requests that the retainage amount be held by SRF:								<input type="checkbox"/>	
Participant requests that the retainage amount be sent to the Participant via check to the mailing address listed above:								<input type="checkbox"/>	
Participant requests that the retainage amount be sent to the following bank:								<input type="checkbox"/>	
Bank		Bank Routing							
Account		Account Number:							
Total Amount of this Request:		\$	66,092						
The undersigned hereby certifies that this Request is true and correct, that the claim underlying this Request is legally due (and is payable from SRF) in accordance with the Participant's Financial Assistance Agreement with the Authority.									
Authorized Representative		Date:							
For Internal Use Only:									
Approved By:		Date		GPR Amount:	\$				

SRF Disbursement Request Form

Participant Information										
Name:	Town of Greenville Municipal Water Utility					SRF Loan	DW10152201			
DUNS Number:	199118514	CCR Number:	65MK2			Request Number:	17			
Mailing	PO Box 188, 9706 Clark Street									
City	Greenville			State:	Indiana		ZIP	47124		
Contact Person:	Randal Johns, Town Manager				Contact Phone Number:	812-923-9158				
Authorized	Jack Travillian, Clerk Treasurer				Authorized Representative Phone Number:	812-923-9821				
If requesting reimbursement to the Participant by wire transfer please provide the following information:										
Bank Name:					Bank Routing					
Account Name:					Account Number:					
Loan Information										
Description of work for which claim is being made (services, fees, type of work, etc.):					Construction Costs					
Is any part of this claim funded by an alternate funding source?							<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO		
If yes, please identify the source and amount of the claim funded by the alternate source (OCRA, SAP, Local Funds):							\$			
Is any part of this claim funded by the Indiana Brownfields Program?							<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO		
Has the Participant paid the request and is now seeking reimbursement?							<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO		
Is any part of this claim a result of a change order? If yes, please attach the SRF change order approval letter.							<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO		
Are there Green Project Reserve components involved in this request?							<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO		
If yes, please describe:										
Loan Financial Information										
Original Loan Amount:						\$	1,300,000			
Total Amount of Previous Disbursements:						\$	781,447			
Balance Available After this Disbursement:						\$	498,440			
Amount to Contractor for this Request:						\$	20,113			
Is any part of this request a partial or final release of retainage to the contractor?							<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO		
Contractor	Dan Cristiani Excavating Co., Inc.				DUNS	068329531				
Mailing	1221 Old Highway 31 East									
City	Clarksville			State:	Indiana		ZIP	47129		
Wiring Information:										
Bank Name:					Bank Routing					
Account					Account Number:					
Retainage Amount for this Request:						\$	0			
Please select one of the following retainage payment options:										
Participant requests that the retainage amount be held by SRF:							<input type="checkbox"/>			
Participant requests that the retainage amount be sent to the Participant via check to the mailing address listed above:							<input type="checkbox"/>			
Participant requests that the retainage amount be sent to the following bank:							<input type="checkbox"/>			
Bank					Bank Routing					
Account					Account Number:					
Total Amount of this Request:						\$	20,113			
The undersigned hereby certifies that this Request is true and correct, that the claim underlying this Request is legally due (and is payable from SRF) in accordance with the Participant's Financial Assistance Agreement with the Authority.										
Authorized Representative						Date:	2/1/13			
For Internal Use Only:										
Approved By:					Date			GPR Amount:	\$	

Revised on April 1, 2012

SRF Disbursement Request Form

Participant Information									
Name:	Town of Greenville Municipal Water Utility	SRF Loan	DW10152201						
DUNS Number:	199118514	CCR Number:	6SMK2						
Mailing	PO Box 188, 9706 Clark Street								
City	Greenville	State:	Indiana	ZIP	47124				
Contact Person:	Randal Johns, Town Manager	Contact Phone Number:	812-923-9158						
Authorized	Jack Travillian, Clerk Treasurer	Authorized Representative Phone Number:	812-923-9821						
If requesting reimbursement to the Participant by wire transfer please provide the following information:									
Bank Name:		Bank Routing							
Account Name:		Account Number:							
Loan Information									
Description of work for which claim is being made (services, fees, type of work, etc.):	Engineering Fees								
Is any part of this claim funded by an alternate funding source?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO								
If yes, please identify the source and amount of the claim funded by the alternate source (OCRA, SAP, Local Funds):									
Is any part of this claim funded by the Indiana Brownfields Program?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO								
Has the Participant paid the request and is now seeking reimbursement?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO								
Is any part of this claim a result of a change order? If yes, please attach the SRF change order approval letter.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO								
Are there Green Project Reserve components involved in this request?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO								
If yes, please describe:									
Loan Financial Information									
Original Loan Amount:		\$	1,300,000						
Total Amount of Previous Disbursements:		\$	710,345						
Balance Available After this Disbursement:		\$	584,645						
Amount to Contractor for this Request:		\$	5,010						
Is any part of this request a partial or final release of retainage to the contractor?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO								
Contractor	Jacobi, Toombs and Lanz	DUNS	050776426						
Mailing	120 Bell Avenue								
City	Clarksville	State:	Indiana	ZIP	47129				
Wiring Information:									
Bank Name:		Bank Routing							
Account		Account Number:							
Retainage Amount for this Request:		\$	0						
Please select one of the following retainage payment options:									
Participant requests that the retainage amount be held by SRF:	<input type="checkbox"/>								
Participant requests that the retainage amount be sent to the Participant via check to the mailing address listed above:	<input type="checkbox"/>								
Participant requests that the retainage amount be sent to the following bank:	<input type="checkbox"/>								
Bank		Bank Routing							
Account		Account Number:							
Total Amount of this Request:		\$	5,010						
The undersigned hereby certifies that this Request is true and correct, that the claim underlying this Request is legally due (and is payable from SRF) in accordance with the Participant's Financial Assistance Agreement with the Authority.									
Authorized Representative	<i>Jack Travillian</i>								
Date:	2/1/13								
For Internal Use Only:									
Approved By:		Date		GPR Amount:	\$				

Revised on April 1, 2012

Jacobi, Toombs and Lanz
 1829 EAST SPRING STREET
 SUITE 201
 NEW ALBANY, IN 47150
 (812) 945-9585

TALBOTTE RICHARDSON
 GREENVILLE WATER CORP.
 P.O. BOX 188
 c/o GARY GETROST
 GREENVILLE, IN 47124

Invoice number 12-0505
 Date 01/28/2013

Project 11090 GREENVILLE WATER TANK AND
 BOOSTER STATION

Invoice Summary

Description	Contract Amount	Percent Complete	Prior Billed	Total Billed	Current Billed
SURVEYING AND ENGINEERING	65,000.00	83.64	54,096.22	54,366.22	270.00
CONSTRUCTION INSPECTION	35,000.00	43.88	10,618.90	15,359.20	4,740.30
Total	100,000.00	69.73	64,715.12	69,725.42	5,010.30

SURVEYING AND ENGINEERING

Professional Fees

ENGINEER II (PE)
 AARON R. SUTHERLAND
 Meetings

Date	Hours	Rate	Billed Amount
01/21/2013	3.00	90.00	270.00

Progress meeting.

CONSTRUCTION INSPECTION

Professional Fees

CONSTRUCTION/PROJECT
 ADMINISTRATOR
 JOHN A. KAPFHAMMER
 Record Drawings

Date	Hours	Rate	Billed Amount
01/10/2013	5.50	65.00	357.50
01/11/2013	3.00	65.00	195.00
01/14/2013	2.00	65.00	130.00
01/15/2013	1.00	65.00	65.00
01/16/2013	3.00	65.00	195.00

Resident Inspection

12/27/2012	1.50	65.00	97.50
12/28/2012	5.00	65.00	325.00
01/02/2013	7.00	65.00	455.00
01/03/2013	6.50	65.00	422.50
01/04/2013	5.50	65.00	357.50
01/07/2013	3.50	65.00	227.50

CONSTRUCTION INSPECTION

Professional Fees

CONSTRUCTION/PROJECT
ADMINISTRATOR
JOHN A. KAPFHAMMER
Resident Inspection

Date	Hours	Rate	Billed Amount
01/08/2013	8.00	65.00	520.00
01/09/2013	2.50	65.00	162.50
01/17/2013	4.00	65.00	260.00
01/18/2013	6.00	65.00	390.00
01/21/2013	3.50	65.00	227.50
01/22/2013	2.00	65.00	130.00
01/23/2013	2.00	65.00	130.00
Professional Fees subtotal			4,647.50

Reimbursables

JOHN A. KAPFHAMMER
Miles

Units	Rate	Billed Amount
232.00	0.40	92.80

Invoice total **5,010.30**

Approved by: _____



NET 30 DAYS

APPROVED FOR PAYMENT

1-30-13



AIA Document G702™ - 1992

Application and Certificate for Payment

TO OWNER: **Allegheny Municipal Utility**
 9706 Clark Street
 Greenville, IN 47124

PROJECT: 3280
 400,000 Gallon Elevated Water Storage Tank
 Greenville, IN

FROM CONTRACTORS & ERECTORS, INC.
 182 S County RD 900 E
 Avon, IN 46123

VIA ARCHITECT:
 Jacobs, Tombs and Lanz, Inc.
 1829 East Spring Street
 New Albany, IN 47150

APPLICATION NO: 3
 PERIOD TO: 01/22/2013
 CONTRACT FOR: 400,000 Gallon Elevated Water Tank
 CONTRACT DATE: 10/08/2012
 PROJECT NOS: /
 Division A

Distribution to:
 OWNER
 ARCHITECT
 CONTRACTOR
 FIELD
 OTHER

CONTRACTOR'S APPLICATION FOR PAYMENT

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

1. ORIGINAL CONTRACT SUM \$ 773,536.00
2. NET CHANGE BY CHANGE ORDERS \$ 31,500.00
3. CONTRACT SUM TO DATE (Line 1 + 2) \$ 805,036.00
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703) \$ 509,036.00
5. RETAINAGE:
 - a. _____ % of Completed Work
 (Column D + E on G703) \$ _____
 - b. _____ % of Stored Material
 (Column F on G703) \$ _____

Total Retainage (Lines 5a + 5b, or Total in Column I of G703) \$ 40,251.80

6. TOTAL EARNED LESS RETAINAGE \$ 468,784.20

7. LESS PREVIOUS CERTIFICATES FOR PAYMENT \$ 402,692.00

8. CURRENT PAYMENT DUE \$ 66,092.20

9. BALANCE TO FINISH, INCLUDING RETAINAGE \$ 336,251.80

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner	\$ 31,500.00	\$ 0.00
Total approved this month	\$ 0.00	\$ 0.00
TOTAL	\$ 31,500.00	\$ 0.00
NET CHANGES by Change Order	\$ 31,500.00	

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

CONTRACTOR: TAMARA J. SCHAUB A/R MANAGER

By: *[Signature]* Date: 01/22/2013

State of: INDIANA

County of: HENDRICKS

Subscribed and sworn to before me this 22nd

Notary Public: LINDA CROWE
 My commission expires: 12/1/14

January 2013
Linda Crowe

ARCHITECT'S CERTIFICATE FOR PAYMENT

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

AMOUNT CERTIFIED \$
 (Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)

ARCHITECT:
 By: _____ Date: _____

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

An original assures that changes will not be obscured.

CAUTION: You should sign an original AIA Contract Document, on which this text appears in RED. An original assures that changes will not be obscured. AIA Document G702™ - 1992. Copyright © 1953, 1963, 1965, 1971, 1978, 1983 and 1992 by The American Institute of Architects. All rights reserved. This AIA® Document is protected by U.S. Copyright Law and International Treaties. Unauthorized reproduction or distribution of this AIA® Document, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under the law. Purchasers are permitted to reproduce ten (10) copies of this document when completed. To report copyright violations of AIA Contract Documents, e-mail The American Institute of Architects' legal counsel, copyright@aia.org

AIA Document G703™ - 1992

Continuation Sheet

AIA Document G702™-1992, Application and Certificate for Payment, or G732™-2009,

Application and Certificate for Payment, Construction Manager ~~Approval~~ **FD-280**

containing Contractor's signed certification is attached.

In tabulations below, amounts are in U.S. dollars.

Use Column I on Contracts where variable retainage for line items may apply.

400,000 Gallon Elevated Water Storage Tank

APPLICATION NO: 3

APPLICATION DATE: 01/22/2013

PERIOD TO: 01/22/2013

ARCHITECT'S PROJECT NO: Division A

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D WORK COMPLETED		E THIS PERIOD	F MATERIALS PRESENTLY STORED <i>(Not in D or E)</i>	G TOTAL COMPLETED AND STORED TO DATE <i>(D+E+F)</i>	H BALANCE TO FINISH <i>(G-C)</i>	I RETAINAGE <i>(If variable rate)</i>
			FROM PREVIOUS APPLICATION <i>(D)</i>	THIS PERIOD <i>(E)</i>					
1.	MOBILIZATION/DEMOLITION	\$20,000.00	\$4,000.00	\$4,000.00	\$0.00	\$0.00	\$8,000.00	\$12,000.00	40%
2.	MAINTENANCE OF TRAFFIC	\$100.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100.00	0%
3.	CLEARING OF RIGHT-OF-WAY	\$100.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$100.00	0%
4.	CONSTRUCTION TAKEOUT	\$1,500.00	\$1,500.00	\$0.00	\$0.00	\$0.00	\$1,500.00	\$0.00	100%
5A.	ENGINEERING/BONDS/INSURANC	\$41,000.00	\$41,000.00	\$0.00	\$0.00	\$0.00	\$41,000.00	\$0.00	100%
5B.	FOUNDATION	\$110,000.00	\$110,000.00	\$0.00	\$0.00	\$0.00	\$110,000.00	\$0.00	100%
5C.	FABRICATION/DELIVERY	\$258,636.00	\$258,636.00	\$0.00	\$0.00	\$0.00	\$258,636.00	\$0.00	100%
5D.	ERECTION	\$144,000.00	\$0.00	\$57,600.00	\$0.00	\$0.00	\$57,600.00	\$86,400.00	40%
5E.	PAINTING	\$90,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$90,000.00	0%
5F.	ELECTRICAL	\$20,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$20,000.00	0%
5G.	CATHODIC	\$11,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11,000.00	0%
5.	SITING COMPLETE/FENCE	\$43,000.00	\$21,500.00	\$0.00	\$0.00	\$0.00	\$21,500.00	\$21,500.00	50%
7.	REMOVAL OF EXISTING TANK	\$10,200.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10,200.00	0%
8.	ALTITUDE VALVE IN VAULT	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%
9.	REPLACE ASHALT/CURBS	\$24,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$24,000.00	0%
10.	CHANGE ORDER - 12" RISER	\$18,000.00	\$10,800.00	\$0.00	\$0.00	\$0.00	\$10,800.00	\$7,200.00	60%
11.	CHANGE ORDER - DEMO GALENA TANK	\$13,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13,500.00	0%
		TOTAL	\$805,036.00	\$447,436.00	\$51,600.00	\$0.00	\$508,036.00	\$296,000.00	63%

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APPLICATION AND CERTIFICATION FOR PAYMENT

AIA DOCUMENT G702 (Instructions on reverse side)

Pages 1 of 2

To Owner: Greenville Munciple Water Utility
9706 Clark Street
Greenville, IN 47124

Project: Booster Station & Water Main Ext.
Greenville, IN

APPLICATION NO: 3
PERIOD TO: 1/23/2013
PROJECT NOS: 11080

Distribution to:
 OWNER
 ENGINEER
 CONTRACTOR

From Contractor: Dan Cristiani Excavating Co., Inc.
1221 Old Hwy 31 E
Clarksville, IN 47129

VIA ENGINEER: Jacobi, Toombs, & Lanz, Inc.
1829 East Spring Street, Suite 201
New Albany, IN 47150

CONTRACT DATE 10/8/2012

Contract for:

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment as shown below, in connection with Contract Continuation Sheet, AIA Document G703, is Attached

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

1) ORIGINAL CONTRACT SUM.....	194,506.80
2) Net Change by Chg order.....	69,973.91
3) CONTRACT SUM TO DATE (Line 1 + 2).....	264,480.71
4) TOTAL COMPLETED & STORED.....	211,197.16
(Column G on G703)	
5) RETAINAGE.....	21,119.72
6) TOTAL EARNED LESS RETAINAGE.....	190,077.44
(Line 4 Less Line 5 Total)	
7) Less Previous Certification for payment.....	169,964.62
(Line 6 from prior Certificate)	

8) CURRENT PAYMENT DUE \$20,112.82

9) Balance to finish, including retainage..... 74,403.27
(Line 3 Less Line 6)

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total Changes approved in Previous months by Owner	69,973.91	
Total approved this Month	0.00	
Total	69,973.91	
NET CHANGES by Change Order	69,973.91	

CONTRACTOR:

By: Joe Messmer

Date: 1-24-13

State of: Indiana

County of: Clark

me this 24th day of January, 2013

Notary Public: Lisa M. Eddleman

My Commission Expires: 10-13-2014

ENGINEER'S CERTIFICATE FOR PAYMENT

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

AMOUNT CERTIFIED..... \$

(Attached explanation if amount certified differs from the amount applied for, Initial all figures on this Application and on the Continuation Sheet that are changed to conform to the amount certified.)

ENGINEER:

By:

Date:

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

(Instructions on reverse side)

Project: Booster Station and Water Main Extension
AIA DOCUMENT G703

APPLICATION NUMBER: 3
APPLICATION DATE: 1/23/2013
Period Date: 1/23/2013
ENGINEER'S PROJECT NO: 11090

CONTINUATION SHEET

Document G703, APPLICATION AND CERTIFICATION FOR PAYMENT, containing

contractor's signed Certification is attached.

Amounts below, amounts are stated to the nearest dollar.

Column I on Contracts where variable retainage for line items may apply.

ITEM NO.	B Item	Units	Unit Price	Estimated Quantity	Estimated Amount	Work Completed		This Invoice Units	This Invoice Amounts	Total Units	Materials Presently Stored	Total Completed & Stored To Date	%	Balance to Finish	Retainage	
						Previous Units	Previous Amount									
1	Mobilization & Demobilization	LS	\$3,910.00	1	\$3,910.00	0.50	\$1,955.00	0.00	\$0.00	0.50		\$1,955.00	50%	\$1,955.00	\$195.50	
2	Maintenance of Traffic	LS	\$567.00	1	\$567.00	1	\$567.00	0	\$0.00	1		\$567.00	100%	\$0.00	\$56.70	
3	Cleaning of Right-of-way	LS	\$2,834.00	1	\$2,834.00	1.00	\$2,834.00	0.00	\$0.00	1.00		\$2,834.00	100%	\$0.00	\$283.40	
4	Construction Stakeout	LS	\$2,834.00	1	\$2,834.00	1.00	\$2,834.00	0.00	\$0.00	1.00		\$2,834.00	100%	\$0.00	\$283.40	
5	Erosion Control	LS	\$9,634.00	1	\$9,634.00	0.75	\$7,225.50	0.25	\$2,408.50	1.00		\$9,634.00	100%	\$0.00	\$963.40	
6	Relocate Existing Pump Station	LS	\$76,822.00	1	\$76,822.00	0.90	\$69,139.80	0.10	\$7,682.20	1.00		\$76,822.00	100%	\$0.00	\$7,682.20	
7	12" Water Main and Fittings	EA	\$49.91	1,560	\$78,857.80	1,262	\$62,986.42	212.40	\$10,600.88	1,474.40		\$73,587.30	93%	\$5,270.50	\$7,358.73	
8	12" Gate Valve	EA	\$2,100.00	2	\$4,200.00	2	\$4,200.00	0	\$0.00	2		\$4,200.00	100%	\$0.00	\$420.00	
9	6" Gate Valve	EA	\$772.00	2	\$1,544.00	2	\$1,544.00	0	\$0.00	2		\$1,544.00	100%	\$0.00	\$154.40	
10	12" x 6" Cross	EA	\$5,832.00	1	\$5,832.00	1	\$5,832.00	0	\$0.00	1		\$5,832.00	100%	\$0.00	\$583.20	
11	12" x 10" Reducer	EA	\$250.00	2	\$500.00	0	\$0.00	2	\$500.00	2		\$500.00	100%	\$0.00	\$50.00	
12	12" Tee	EA	\$812.00	1	\$812.00	0	\$0.00	0	\$0.00	0		\$0.00	0%	\$812.00	\$0.00	
13	Hydrant Assembly with Valve	EA	\$3,270.00	1	\$3,270.00	1	\$3,270.00	0	\$0.00	1		\$3,270.00	100%	\$0.00	\$327.00	
14	Site Work	LS	\$2,890.00	1	\$2,890.00	0.50	\$1,445.00	0.40	\$1,158.00	0.90		\$2,601.00	90%	\$289.00	\$280.10	
B-1	Replace Two Pumps & Control Panels	LS	\$44,957.05	1	\$44,957.05	0	\$0.00	0	\$0.00	0		\$0.00	0%	\$44,957.05	\$0.00	
B-1	Extend Three-Phase Power to Site	LS	\$20,816.86	1	\$20,816.86	1	\$20,816.86	0	\$0.00	1		\$20,816.86	100%	\$0.00	\$2,081.69	
B-2	Additional 12" Gate Valve	EA	\$2,100.00	1	\$2,100.00	1	\$2,100.00	0	\$0.00	1		\$2,100.00	100%	\$0.00	\$210.00	
B-3	Additional 12" Gate Valve	EA	\$2,100.00	1	\$2,100.00	1	\$2,100.00	0	\$0.00	1		\$2,100.00	100%	\$0.00	\$210.00	
											\$0.00	\$211,197.16	80%	\$53,263.55	\$21,119.72	
											\$0.00	\$22,347.58		\$189,849.58	\$284,480.71	

DAN CRISTIANI

EXCAVATING CO., INC.

1221 OLD HWY. 31 E.
 CLARKSVILLE, IN 47129
 PHONE (812) 282-9866 FAX (812) 282-9908

INVOICE

INVOICE NO.

58907

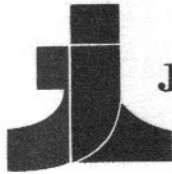
SOLD TO GREENVILLE WATER CO.
 9706 Clark Street
 GREENVILLE, IN 47124

SHIP TO \$*Greenville Water Booster Sta
 TO Greenville, In

ACCOUNT NO.	PURCHASE ORDER NO.	JOB NO.
GREENVIW		122555PW

INVOICE DATE	PA
1/23/13	

ITEM NO.	QUANTITY	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
	0.25	Erosion Control	9634.00	2,408.50*
	0.1	Relocate Existing Pump Station	76822.00	7,682.20*
	212.4	Ft. 12" Water Main and Fittings	49.91	10,600.88*
	2	12" x 10" Reducer	250.00	500.00*
	0.4	Site Work	2890.00	1,156.00*
<p>A service charge of 1 1/4% per month, which is an annual percentage rate of 18% per annum will be added to all balances which are 30 or more days past due. All past due amounts are subject to a service charge at the maximum rate allowed by state law plus costs of collection including attorney fees.</p>			<p>TERMS: Net 15</p>	
			SALES AMOUNT	22,347.58
			Retention	-2,234.76
			TOTAL	\$20,112.82



Jacobi, Toombs & Lanz, Inc.
Consulting Engineers & Land Surveyors

PROGRESS MEETING
November 27, 2012
12:00 P.M.

**400,000 Gallon Elevated Tank, Booster
Station, Water Main Extension, and Tank
Site Work
Job No. 11090**

Meeting Minutes

Attendees: Talbotte Richardson, Randall Johnes, Stephen, Ronnie Taylor, Damon Fleenor,
Leo Messmer, Aaron Sutherland, John Kapfhammer

Division 'A'

- Phoenix is approximately halfway done with the tank erection, and anticipate being done mid-February.
- Phoenix will update their construction schedule and resubmit.
- There is approximately three weeks remaining to erect the tank, and another three weeks to paint the tank.
- The pipe connections also need to be connected. Phoenix asked if the work could be completed during the stop work order.

Division 'B'

- The water main installation, including testing and connection to the booster station, is complete.
- The pumps and controls are scheduled to be delivered the first week of February.
- Completion is anticipated mid- to late February.
- JTL will work with Greenville Water to develop a start up procedure.
- Greenville may issue a Brown Water notification prior to the booster station start up.
- Cristiani will deliver the existing pumps to Greenville's office.

Sincerely,
JACOBI, TOOMBS & LANZ, INC.

Aaron Sutherland, PE

1829 E. Spring Street, Suite 201
New Albany, IN 47150
812-945-9585
812-945-6656 Fax

124 Bell Ave
Clarksville, IN 47129
812-945-9585
812-945-6656 Fax

1060 N. Capitol Avenue, Ste E360
Indianapolis, IN 46204
317-829-3474
317-829-3473 Fax

1400 South 1st Street
Louisville, KY 40208
502-583-5994
502-583-7321 Fax

New Albany, IN • Clarksville, IN • Indianapolis, IN • Louisville, KY

www.jtleng.com

S:\projects\11090 - Greenville Water Tank & Booster Sta. Design\Documents\11090 - Progress Meeting 2
Minutes.docx

CHANGE ORDER - EXTRA WORK AGREEMENT NO. Division 'A' No. 2 JOB NO. 11090

Project Name 400,000 Gallon Elevated Tank, Booster Station, Water Main Extension, and Tank Site Work

Division 'A'

Contractor Phoenix Fabricators and Erectors, Inc.

You are hereby authorized to proceed with the following described change or extra work:

As per attached documentation:

1. Compensation for additional rock encounter during the excavation for the tank footings.
ADD = \$ 5,973.00

ADD = \$ 5,973.00

The method of payment for this change or extra work shall be:

An additional amount of five thousand nine hundred and seventy-three dollars and zero cents = \$5,973.00

Consulting Engineer: Jacobi, Toombs and Lanz, Inc.

Engineer's Signature _____ Date _____

Owner's Approval: Town Of Greenville

Signature of Owner(s) _____ Date _____

Contractor's Approval: Phoenix Fabricators and Erectors, Inc.

Authorized Representative _____ Title _____ Date _____



2/11/13

TOWN OF GREENVILLE
ORDINANCE NO. 2013-TO-005

**ORDINANCE CONCERNING THE TRANSFER OF FUNDS FOR THE
OPERATION OF THE TOWN OF GREENVILLE, INDIANA**

WHEREAS, the Town Council for the Town of Greenville, Indiana has the authority to transfer appropriations between the town's expense accounts for the operation of the Town of Greenville and;

WHEREAS, the Town of Greenville Budget Sheet handed out to the Council Members at the January 14th, 2013 meeting indicates a Budgeted Amount of Three Thousand Two Hundred U.S. Dollars {\$3,200.00} for Motor Vehicle Highway Insurance Streets Account No. 201001341 and;

WHEREAS, the actual cost of Insurance Streets is Two Hundred Forty Eight U.S. Dollars and Thirty Two Cents {\$248.32} supported by TOG/Greenville Water Billing Breakdown 2012 dated August 6th, 2012 from Whalen and Associates, Inc., 301 East Utica Street Sellersburg, Indiana and;

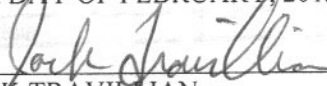
WHEREAS, the Town of Greenville Budget Sheet handed out to the Council Members at the January 14th, 2013 meeting indicates a Budgeted Amount of Two Thousand U.S. Dollars {\$2,000.00} for General Fund Insurance Account No. 101001140 and;

WHEREAS, the actual cost of General Liability Insurance and Workman Comp. is Three Thousand Nine Hundred Nine U.S. Dollars and Ninety Seven Cents {\$3,909.97} supported by TOG/Greenville Water Billing Breakdown 2012 dated August 6th, 2012 from Whalen and Associates, Inc., 301 East Utica Street Sellersburg, Indiana;

NOW, THEREFORE, BE IT ORDAINED BY THE TOWN COUNCIL OF THE TOWN OF GREENVILLE, INDIANA, AS FOLLOWS:

1. The sum of Two Thousand Seven Hundred U.S. Dollars {\$2,700.00} shall be transferred from the Motor Vehicle Highway Insurance Streets Account No. 201001341 {credit} to General Fund Insurance Account No. 101001140 {debit}.
2. The Town Clerk shall make these entries reflective on the March 2013 Monthly Budget Sheet submitted to the Greenville Town Council at their March 11th, 2013 Monthly Meeting.

ADOPTED BY THE TOWN COUNCIL OF GREENVILLE, INDIANA, ON THE
11th DAY OF FEBRUARY, 2013.


JACK TRAVILLIAN
CLERK/TREASURER

PRESIDENT OF THE TOWN
COUNCIL OF GREENVILLE,
INDIANA


TALBOTTE RICHARDSON,

PREPARED BY: RANDAL JOHNES

Johnesdrafting

From: "Lisa Knies" <LisaK@isu-ig.com>
To: "Johnesdrafting" <johnesdrafting@insightbb.com>
Sent: Monday, August 06, 2012 12:38 PM
Attach: Town of Greenville Revised Pkg Billing.pdf
Subject: Premium Breakdown and Revised Invoices
 Randall,

For your review, breakdown by town and water. Revised billing for the Package renewal, auto was incorrect, both town and water have 3 vehicles and it is now split down the middle, where it was not on the previous billing. Please let me know if you have questions.

Total Package Breakdown/Work Comp at the end separate.

TOG/GREENVILLE WATER - BILLING BREAKDOWN 2012

Town			Water		
Gen Liab (STREETS)		248.32	Gen Liab		906.66
Umbrella		107.50	Umbrella		392.50
Equipment		0.00	Equipment		100.00
Auto Liab		712.00	Auto Liab		712.00
Auto PD		722.00	Auto PD		722.00
Property		136.72	Property		1,382.28
Crime		48.50	Crime		48.50
E & O		500.00			
Law		608.00			
Blanket bonds		147.00			
Terrorism		100.00	Terrorism		100.00
Totals		3,330.04	Totals		4,363.96

Individual Lines of Business Breakdown

TOWN → 3,330.04
 828.25
 TOTAL 4,158.29

TOG/GREENVILLE WATER - General Liability/Umbrella 2012

Umbrella Premium = \$500.00
 General Liability Premium = 2,061.00

Town			Water		
Umbrella		392.50	Umbrella		107.50
General Liability		248.32	General Liability		906.66
E & O		500.00			
Law		608.00			
Totals		1,748.82	Totals		1,014.16

TOG/GREENVILLE WATER - Property 2012

Town			Water		
Property		136.72	Property		1,382.28

8/6/2012

Totals		136.72	Totals		1,382.28
--------	--	--------	--------	--	----------

TOG/GREENVILLE WATER - Auto Liability 2012

Town				Water	
3 vehicles			3 vehicles		
X 237.33			X 237.33		
Totals		712.00	Totals		712.00

TOG/GREENVILLE WATER - Auto Physical Damage 2012

Town				Water	
1998 Jeep Cherokee #2685			2005 Chevrolet Colorado #7082		
2011 Ford Crown Vic #7732			2006 Chevrolet Colorado #2832		
2011 Ford Crown Vic #4013			2011 Chevrolet Silverado #0391		
Totals		722.00	Totals		722.00

TOG/GREENVILLE WATER - Work Comp 2012

Waterworks Operations & Drivers		4,350.00
Police Officers & Drivers		897.00
Clerical		70.00
		5,117.00
Estimated Premium		5,117.00
1.70% Empl Liab		87.00
Increased Limits		13.00
Experience Mod		-261.00
Assigned Risk		614.00
Expense Constant		250.00
Terrorism		63.00
Second Injury Fund		39.00
		805.00
Shared Premium for Above		805.00
Totals		5,822.00

Water 85% \$5,093.75
 Town 15% \$828.25

TOWN WORK COMP.

Calculated 85%/15% 5093.75

Town \$828.25
 Water \$5,093.75

7,694.
 I.S.U.

Thank You,
 Lisa Knies

8/6/2012

TOWN OF GREENVILLE
ORDINANCE NO. 2013-TO-006

**ORDINANCE CONCERNING THE REGULATING OF NEW PAIN
MANAGEMENT CLINICS WITHIN THE TOWN OF GREENVILLE,
INDIANA**

WHEREAS, the Town Council for the Town of Greenville, Indiana, in the interest of public health, safety and welfare, has deemed it necessary that the Town develop an Ordinance which regulates the location of New Pain Management Clinics within the Corporate limits of the Town of Greenville; and

WHEREAS, a pattern of purchase, illegal distribution and personal abuse of substances controlled by federal and/or state law has been linked in large part to certain pain management clinics or medical facilities operating in Indiana; and

WHEREAS, the illegal activity involving substances controlled by federal and/or state law associated with such clinics has created an urgent situation requiring immediate action to reduce the threat to the health, safety and welfare of the residents of Greenville, Indiana; and

WHEREAS, the Indiana Legislature has similarly identified concerns regarding the increased abuse of substances controlled by federal and/or state law and higher frequency of injury and death occurring as a result of the increased availability of controlled substances via medical practitioners operating in pain management clinics or facilities and is presently studying the adoption of legislation to further regulate operators of such clinics or facilities, or physicians and other medical practitioners providing prescriptions for and/or dispensing controlled substances through such clinics, facilities or offices in order to conduct such business; and

WHEREAS, the State of Kentucky has recently enacted legislation that further regulates pain management clinics or facilities; and

WHEREAS, Floyd County has recently enacted an Ordinance that imposes a temporary moratorium on Pain Management Clinics or Facilities; and

WHEREAS, the existence of the new laws in the State of Kentucky and the moratorium in Floyd County, Indiana may increase the number of pain management clinics seeking to operate in Greenville, Indiana; and

WHEREAS, the Commissioners finds that the existing zoning laws and regulations do not adequately address the location and operation of pain management clinics within the County of Floyd; and

WHEREAS, the Greenville Town Council believes regulation of new pain management clinics is necessary in order to limit or curb negative impacts created by these clinics, such as illegal prescription drug trafficking and sales of illegal drugs around the clinics, and loitering in areas surrounding the clinics; and

TOWN OF GREENVILLE
ORDINANCE NO. 2013-TO-006

WHEREAS, the Greenville Town Council finds that, due to the significant, potential negative impacts associated with certain pain management clinics, it is necessary to impose certain regulation on locations of pain management clinics to prevent or mitigate the incidence of such potential negative impacts; and

WHEREAS, the Greenville Town Council believes added problems would be vehicular and foot traffic and reduction of property values; and

WHEREAS, the Greenville Town Council find that the adoption of this Ordinance is necessary in order to protect the public health, safety and welfare of Greenville residence;

NOW, THEREFORE, BE IT ORDAINED BY THE TOWN COUNCIL OF THE TOWN OF GREENVILLE, INDIANA, AS FOLLOWS:

SECTION 1: Adoption of Findings. The foregoing findings are true and correct and are hereby made a part hereof and incorporated herein by reference.

SECTION 2: Definitions. For the purposes of this Ordinance, the following terms, whether appearing in the singular or plural form, shall have the following meanings:

a. Chronic Non-malignant Pain is pain unrelated to cancer which persists beyond the usual course of the disease or the injury that is the cause of the pain or for a period of more than 90 days after surgery.

b. Pain Management Clinic means any privately owned clinic, facility, or office which advertises in any medium concerning the availability of any type of pain-management services or employs a physician or osteopathic physician or nurse who is primarily engaged in the treatment of pain by prescribing or dispensing substances controlled by federal and/or state law, but the term shall not include:

A clinic where the majority of the physicians who provide services in the clinic primarily provide surgical services; and

A clinic that is owned by a publicly held corporation whose shares are traded on a national exchange or on the over-the-counter market and whose total assets at the end of the corporation's most recent fiscal quarter exceeded \$50 million; and

A clinic that is affiliated with an accredited medical school at which training is provided for medical students, residents, or fellows; and

A clinic that does not prescribe or dispense substances controlled by federal and/or state law for the treatment of pain; or

A clinic that is owned by a corporate entity exempt from federal taxation under 26 U.S.C. s. 501(c)(3).

**TOWN OF GREENVILLE
ORDINANCE NO. 2013-TO-006**

For the purposes of this definition, a physician, including an osteopathic physician, is considered to be primarily engaged in the treatment of pain by prescribing or dispensing substances controlled by federal and/or state law when the majority of the patients seen by such physician are prescribed or dispensed a substance controlled by federal or state law for the treatment or purported treatment of chronic non-malignant pain.

SECTION 3: Permitted locations and regulations,

- a. All new pain management clinics shall be of all new constructions and comply with all State of Indiana Codes, Floyd County Codes and Town of Greenville Ordinances.
- b. All new pain management clinics shall obtain all required permits required by Indiana State Law, Indiana State Board of Health and The Town of Greenville, Indiana. Permits shall be posted for public viewing at the entrance to the clinic.
- c. All pain management clinics shall provide for periodic inspections by the Indiana State Board of Health.
- d. All new pain management clinics shall be located within area designated as General Commercial District as indicated by Comprehensive Planning Map for the Town of Greenville 2011 amended by Ordinance 2010-T-083 dated 12-13-2010.
- e. All new pain management clinics shall not locate within 500 feet of any residence, church or school.

SECTION 4: Penalties. The Town of Greenville may bring any other action available at law or equity to penalize or enjoin violations of this Ordinance.

SECTION 5: Severability. If any word, sentence, clause, phrase or provision of this Ordinance, for any reason, is held to be unconstitutional, void, or invalid, the validity of the remainder of this Ordinance shall not be affected thereby.

SECTION 6: Effective Date. This Ordinance shall become effective immediately upon its passage.

TOWN OF GREENVILLE
ORDINANCE NO. 2013-TO-006

ADOPTED BY THE TOWN COUNCIL OF GREENVILLE, INDIANA, ON THE 11th DAY
OF FEBRUARY, 2013.

PRESIDENT OF THE TOWN
COUNCIL OF GREENVILLE,
INDIANA


TALBOTTE RICHARDSON,


JACK TRAVILLIAN,
CLERK/TREASURER

PREPARED BY: RANDAL JOHNES

TOWN OF GREENVILLE
ORDINANCE NO. 2013-WR-007

**RESOLUTION CONCERNING THE AUTHORIZATION BY A MAJORITY
VOTE BY THE GREENVILLE WATER UTILITY COUNCIL FOR
SIGNAGE OF THE HERITAGE SPRINGS WWTP SALES CONTRACT BY
TALBOTTE RICHARDSON COUNCIL PRESIDENT WITH THIENEMAN
ENVIRONMENTAL LLC**

WHEREAS, the Town of Greenville Water Utility Council passed Ordinance 2012-WO-060 {Purchase offer Heritage Springs Sewer Plant} dated 11-19-2012 and;

WHEREAS, the Town of Greenville Water Utility Council passed Ordinance 2013-WR-003 dated 01-14-2013 to have an additional inspection by an independent Engineering Firm concerning the construction and operation of the Heritage Springs WWTP prior to signing of the sales contract with Thieneman Environmental LLC and;

WHEREAS, the inspection was performed by Strand Associates and a report by Strand Associates was submitted to the Greenville Water Utility on 01-30-2013 indicating the Heritage Springs WWTP was found to be in good working order.

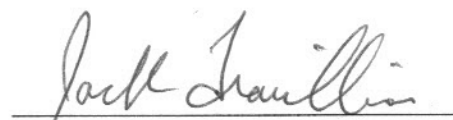
NOW, THEREFORE, BE IT ORDAINED BY THE WATER UTILITY COUNCIL OF THE TOWN OF GREENVILLE, INDIANA, AS FOLLOWS:

1. This Resolution authorizes by a majority vote by the Greenville Water Utility Council for the current Greenville Water Utility Council President Talbotte Richardson to sign the Sales Agreement and other necessary documents required with the representatives of Thieneman Environmental LLC to purchase the Heritage Springs WWTP located in Greenville, Indiana.
2. See copy of Strand Associates Report and Sales Contract attached.

ADOPTED BY THE WATER UTILITY COUNCIL OF GREENVILLE, INDIANA, ON THE 11th DAY OF FEBRUARY, 2013.

PRESIDENT OF THE WATER UTILITY
COUNCIL OF GREENVILLE, INDIANA


TALBOTTE RICHARDSON


JACK TRAVILLIAN,
CLERK/TREASURER

PREPARED BY: RANDAL JOHNES

**AGREEMENT FOR THE SALE OF REAL AND PERSONAL PROPERTY UTILIZED IN
THE OPERATION OF THE HERITAGE SPRINGS WASTEWATER TREATMENT PLANT**

DATE: February _____, 2013

PARTIES: Thieneman Environmental, LLC (the "Seller")

Town of Greenville, Indiana (for the use and benefit of the Town of Greenville
Municipal Water Utility) (the "Purchaser")

AGREEMENTS:

SECTION 1. SALE. The Seller hereby agrees to sell to the Purchaser, and the Purchaser agrees to buy from the Seller, the following described real and personal property:

1.1. Real Estate. The real estate located at 1011 Freedom Court, Greenville, Floyd County, Indiana (the "Real Estate"), that is more particularly described in the attached Exhibit "A".

1.2. Equipment. The Heritage Springs Wastewater Treatment Plant (the "WWTP") located on the Real Estate, together with all of the equipment, machinery, tools, and other personal property listed on the attached Exhibit "B" (the "Equipment").

1.3. Inventory. The Seller's entire inventory materials, equipment, and supplies on hand at the closing of this sale.

1.4. Operator Agreement. The Seller's interest in any contract for the operation, maintenance, and management of the WWTP with an operator or company employing operator(s) properly certified pursuant to applicable Indiana laws.

1.5. Accounts Receivable; Records.

1.5.1 *Purchased Receivables.* The accounts receivable to be purchased under this agreement are the accounts receivable of customers and employees (the "Purchased Receivables"). All cash credits in transit or in process that have not been applied to Purchased Receivables on the records of the Seller by the close of business on the day preceding the closing will be the property of the Purchaser, regardless of the form of such cash credit.

1.5.2. *Receipts by Seller.* If any proceeds of the Purchased Receivables are received by the Seller, the Seller must promptly transmit the proceeds to the Purchaser in the form received by the Seller. In addition, the Seller must notify any person collecting Purchased Receivables on behalf of the Seller to transmit receipts in accordance with instructions provided by the Purchaser.

1.5.3. *Account Information.* At the time of the closing, the Seller must furnish the Purchaser with a written schedule sufficient to identify the Purchased Receivables and the amount due on each. After the closing, the Seller must, if requested by the Purchaser, furnish the Purchaser the original of all records relating to specific accounts receivable including initial entry records of charges and credits.

1.5.4. *Checking Account.* At the time of the closing, Seller shall deliver and assign the checking account utilized in operating the WWTP, with a balance of not less than Two Thousand Five Hundred and No/100 Dollars (\$2,500.00).

SECTION 2. PURCHASE PRICE.

2.1. Purchase Price; Manner of Payment. The purchase price of all assets being purchased is \$ One Million Ninety-nine Thousand and No/100 Dollars (\$1,099,000.00), which shall be paid as follows:

2.1.1. The sum of Five Hundred Seventy-five Thousand and No/100 Dollars (\$575,000.00) in certified funds at closing; and,

2.1.2. The sum of Five Hundred Twenty-four Thousand and No/100 Dollars (\$524,000.00) to be used by the Seller or its assignee(s) as a credit towards the purchase of one hundred thirty-one (131) sanitary sewer connection permits from the Purchaser for one hundred twenty-eight (128) residential lots, and three (3) commercial outlots, within Heritage Springs subdivision, at the existing established rate of Four Thousand and No/100 Dollars (\$4,000.00) each (the “Connection Fee Credits”). Purchaser represents and warrants that the cost charged by Purchaser to allow the connection of such remaining lots within Heritage Springs subdivision shall not exceed \$4,000.00 each, and Purchaser shall not assess any capacity availability charges or other costs in excess of that amount. The parties acknowledge, however, that the three (3) commercial lots shall be assessed a connection fee at such rate on a per equivalent dwelling unit (“EDU”) basis for the anticipated water use of the improvements to be constructed thereon as calculated pursuant to the provisions of 327 IAC 3-6-11.

2.1.3. The Purchaser acknowledges that Seller intends to assign the entirety of the Connection Fee Credits to its affiliate, Thieneman Developers, LLC, an Indiana limited liability company, at closing. All subsequent assignments shall be effective when made in writing, with a copy being provided to the Purchaser. Any portion of the Connection Fee Credits may thereafter be fully assignable at the discretion of the holder thereof, without necessity of approval or consent by the Purchaser.

2.1.4. Thieneman Developers LLC shall be responsible for any future infrastructure required to deliver waste water from point of origin { 131 Lots } to existing Heritage Springs WWTP.

2.1.5. The Purchase Price shall be allocated as follows:

Real Estate	\$50,000.00
WWTP and Equipment {includes existing infrastructure located in Greenville}	\$525,000.00
Intangible personal property	\$524,000.00

SECTION 3. CLOSING. This sale will be closed at the office of D. A. Andrews, 3821 Charlestown Road, New Albany, Indiana, by not later than February 28, 2013, at a time to be agreed between the parties, or at such other place or at such other time as the parties agree upon in writing. Real and personal property taxes and other items of periodic expense or income will be prorated on the date of the closing. The insurance carried by the Seller on the property being sold under this agreement will be canceled at the time of the closing, and the Purchaser should obtain the Purchaser's own insurance.

SECTION 4. CLOSING DOCUMENTS. Upon closing of this sale, the Seller must sign and deliver the following documents to the Purchaser:

4.1. Warranty Deed. Seller will convey to Purchaser an unencumbered, marketable title to the Property to be conveyed by Deed of General Warranty subject to (i) easements and restrictive covenants of record which are acceptable to Purchaser, (ii) applicable governmental regulations, and (iii) liens for all taxes assessed in the year of Closing and due and payable in the year following Closing, which taxes and all taxes hereafter Purchaser will assume and agree to pay (the "Permitted Exceptions"). Should title to the Property prove defective and such defect cannot be remedied, Sellers shall pay all title examination costs.

4.2. Right of First Refusal. As additional consideration to Purchaser, Seller and/or Thieneman Development, LLC, agrees to grant to Purchaser a right-of-first refusal to purchase at a fair market value the additional real estate described in attached as Exhibit "C" during the period of ten (10) years following the closing. Such right shall be in the form attached as Exhibit "D", and Purchaser may record a memorandum evidencing the existence of such right at its discretion.

4.3. Bill of Sale. A Bill of Sale conveying the Equipment, Inventory, and other tangible personal property located at the WWTP free and clear of all liens and encumbrances, with warranties of title and good right to transfer.

SECTION 5. REPRESENTATIONS AND WARRANTIES OF SELLER. The Purchaser acknowledges having been given a reasonable opportunity to fully examine and inspect all property being purchased under this agreement, and all such property will be purchased "AS IS, WHERE IS" including the latent defects existing at the time of the closing. In addition, the Purchaser acknowledges that the Purchaser has employed a certified public accountant to independently review the business records of the Seller. The Seller represents that all business records made available to such certified public accountant are true and correct, to the best of the Seller's information, knowledge, and belief. Except for express warranties and representations contained in documents signed and delivered at the time of the closing, there are no representations or warranties, express or implied, applicable to this sale. Seller agrees that at closing it will pay for the costs of the inspections of the WWTP obtained by Purchaser, up to the maximum amount of Six Thousand Dollars (\$6,000.00).

Notwithstanding the above, during the period of five (5) years following the closing of this agreement, the Seller warrants that the poured concrete structures within the WWTP shall be free from structural defects, excluding only any such defects caused by the negligent or intentional acts of persons not affiliated with

Seller or Seller's agents, natural disaster, or acts of God. This obligation shall survive the closing of this agreement.

SECTION 6. REPRESENTATIONS AND WARRANTIES OF PURCHASER. The Purchaser represents and warrants that during the five (5) year period following closing of this agreement, the monthly service rate charged to homes within Heritage Springs Subdivision connected to the WWTP shall remain at Sixty-five Dollars (\$65.00) per month; provided, however, that the Purchaser shall have the right to increase such rate only in the event that the WWTP utility would become financially distressed to the extent that the Indiana Utility Regulatory Commission would reasonably be expected to impose an emergency surcharge (assuming that it remained subject to IURC jurisdiction). The provisions of this Section 6 shall not impair the authority of the Purchaser to establish a schedule of rates that provides for a higher monthly service rate to residential customers outside of Heritage Springs Subdivision.

SECTION 7. BULK TRANSFER. The Seller and Purchaser do not intend to comply with the laws of the state of Indiana relating to bulk transfers. The Seller must pay before delinquency all obligations due to creditors of the Seller existing at the closing of this sale, and will indemnify and hold the Purchaser harmless from all such claims. If the Purchaser pays any such claim, the Purchaser will be entitled to deduct the amount of the payment, together with any expenses reasonably incurred in connection with the payment, from the Connection Fee Credits as well as any other remedies to which the Purchaser is entitled.

SECTION 8. CONTINUATION OF BUSINESS; DELIVERY OF POSSESSION. Promptly after Purchaser approves this agreement by adoption of an ordinance pursuant to the provisions of IC 36-9-23-10, Seller shall file the Notification of Transfer of National Pollutant Discharge Elimination System Permit form required by 327 IAC 5-2-6(c) with the Indiana Department of Environmental Management. The parties acknowledge that the transfer of Seller's NPDES permit to the Purchaser may not be effected for a period of thirty (30) days following such filing. It is therefore agreed that following the signing of this agreement, and until closing or the delivery of possession of the conveyed assets to the Purchaser, whichever is later, the Seller must continue to conduct the business of the Seller in the usual and customary manner in which the Seller has previously conducted the business. Seller and Purchaser shall pro-rate the costs of operation during any partial month that service is provide, including without limitation, the costs to the contract operator and utility services, prior to the date that possession is delivered to the Purchaser.

SECTION 9. RISK OF LOSS. During the period from the date of this agreement to the delivery of possession of the conveyed assets to the Town at or following closing, the Seller must keep all of the assets being purchased adequately insured under standard fire insurance policies with extended coverage endorsements and must pay all premiums required to be paid on such insurance. All risk of loss will remain with the Seller until transfer of possession, and will pass to the Purchaser at such delivery of possession. If the assets are significantly damaged or a substantial portion of the assets are damaged or destroyed before the closing, the Purchaser will have a period of ten (10) days after being notified of such occurrence and the extent of any insurance covering the loss within which to notify the Seller in writing that the Purchaser wishes to terminate this agreement and all obligations of the parties under this

agreement. If the Purchaser does not give timely notice of an election to terminate this agreement, the proceeds of any insurance covering the loss must be assigned to and will become the property of the Purchaser. In that case, the sale will be closed in accordance with the terms of this agreement, and the purchase price will be the same as if such damage or destruction had not occurred.

SECTION 10. TRANSFERABILITY. Prior to the closing of this sale, neither party may assign or transfer any interest in, or obligation, under this agreement.

SECTION 11. MISCELLANEOUS PROVISIONS.

11.1. Binding Effect. This agreement is binding on and will inure to the benefit of the successors and assigns of the parties. This provision does, however, not affect the limitations on assignment in this agreement.

11.2. Notice. Any notice or other communication required or permitted to be given under this agreement must be in writing and must be personally delivered or mailed by certified mail, return receipt requested, postage prepaid, addressed to the parties as follows:

- | | |
|------------------|---|
| If to Seller: | Thieneman Environmental, LLC
c/o Donald J. Thieneman, Member
5031 Old Vincennes Road
Floyds Knobs, IN 47119 |
| With a copy to: | C. Gregory Fifer, Attorney
APPLEGATE FIFER PULLIAM LLC
428 Meigs Avenue
Jeffersonville, IN 47130 |
| If to Purchaser: | Town of Greenville Municipal Water Utility
c/o Talbotte Richardson, Water Council President
9706 Clark Street
Greenville, IN 47124 |
| With a copy to: | Chris Lane
LAW OFFICE OF CHRIS LANE
409 Bank Street
New Albany, IN 47150 |

The address of a party to which notices or other communications must be mailed may be changed from time to time by giving written notice to the other party. All notices and other communications will be deemed to be given at the time of delivery if personally delivered or at the expiration of three (3) days after the date of mailing if mailed, unless the recipient acknowledges receipt earlier.

11.3. Litigation Expense. If there is a default under this agreement, the defaulting party must reimburse the non-defaulting party for all costs and expenses reasonably incurred by the other party in connection with the default, including without limitation attorneys' fees. In addition, if a suit or action is filed to enforce this agreement or with respect to this agreement, the prevailing party is entitled to be reimbursed by the other for all costs and expenses incurred in connection with the suit or action, including without limitation, reasonable attorneys' fees at the trial level and on appeal.

11.4. Waiver. No waiver of any provision of this agreement will be deemed, or will constitute, a waiver of any other provision, whether or not similar, and no waiver will constitute a continuing waiver. No waiver will be binding unless executed in writing by the party making the waiver.

11.5. Applicable Law. This agreement will be governed by and must be construed in accordance with the laws of the state of Indiana.

11.6. Entire Agreement. This agreement constitutes the entire agreement between the parties pertaining to its subject matter, and it supersedes all prior or contemporaneous, agreements, representations, and understandings. No supplement, modification, or amendment of this agreement will be binding unless executed in writing by all parties.

IN WITNESS WHEREOF, the Seller has executed this agreement by the undersigned as its duly authorized member as of the date first written above.

For the "Seller":

THIENEMAN ENVIRONMENTAL, LLC

By: _____
Donald J. Thieneman, Member

IN WITNESS WHEREOF, the Purchaser has executed this agreement by the undersigned as its duly authorized official as of the date first written above.

For the "Purchaser":

TOWN OF GREENVILLE, INDIANA (for the use and benefit of the TOWN OF GREENVILLE MUNICIPAL WATER UTILITY)

By: _____
Talbotte Richardson, Town Council President
and Water Utility Council President

Attested by:

Jack Travillian, Clerk-Treasurer

Exhibits to be attached:

- A – Legal description of Real Estate
- B – List of Equipment
- C – Legal description of Right-of-First-Refusal property
- D – Form of Right-of-First-Refusal agreement

**MEMORANDUM OF OPTION AND RIGHT-OF-FIRST
REFUSAL TO PURCHASE REAL ESTATE AGREEMENT**

NOTICE IS HEREBY GIVEN that an Option and Right-of-First Refusal to Purchase Real Estate Agreement (hereinafter the “Agreement”) has been entered into by and between **DSD DEVELOPMENT, LLC** (the “Owner”), a limited liability company duly organized and existing under the laws of the State of Indiana, with its principal office located at 5031 Old Vincennes Road, Floyds Knobs, Floyd County, Indiana 47119, and the **TOWN OF GREENVILLE, INDIANA (for the use and benefit of the Town of Greenville Municipal Water Utility)** (collectively the “Town”), a municipal government unit duly organized and existing under the laws of the State of Indiana, with its principal office located at 9706 Clark Street, Floyd County, Greenville, Indiana 47124, on the _____ day of _____, 2013, pertaining to certain unimproved real property located in Floyd County, Indiana, that is more particularly described in Exhibit “1” attached hereto and incorporated herein (the “Real Estate”).

The Agreement grants the Town an option to purchase the Real Estate on terms set forth in the Agreement for a period of up to ten (10) years following the execution of the Agreement, which option may be terminated sooner only pursuant to the provisions for the Town’s right-of-first refusal to purchase the Real Estate also contained in the Agreement or by subsequent agreement of the parties.

The Agreement further grants the Town a right-of-first refusal to purchase the Real Estate on terms set forth in the Agreement during a period of up to ten (10) years following the execution of the Agreement.

All provisions of the Agreement are, by this reference, incorporated herein and made a part hereof.

IN WITNESS WHEREOF, the Town has hereunto executed this *Memorandum of Option and Right-of-First Refusal to Purchase Real Estate Agreement* by the undersigned as its duly authorized officials on this ____ day of _____, 2013.

For the "Town":

TOWN OF GREENVILLE, INDIANA (for the use and benefit of the Town of Greenville Municipal Water Utility)

By: _____
Talbotte Richardson, Town Council President and Water Utility Council President

Attested by:

Jack Travillian, Clerk-Treasurer

STATE OF INDIANA)
) SS:
COUNTY OF FLOYD)

Before me, the undersigned, a Notary Public in and for the above-named County and State, personally appeared TALBOTTE RICHARDSON, as the duly elected and serving Town Council President, and JACK TRAVILLIAN, as the duly elected and serving Clerk-Treasurer, of the Town of Greenville, Indiana, and acknowledged the execution of the foregoing *Memorandum of Option and Right-of-First Refusal to Purchase Real Estate Agreement* on behalf of such Town as its free and voluntary act and deed for the uses and purposes set forth therein.

Witness my hand and Notarial Seal this _____ day of _____, 2013.

My commission expires:

Notary Public

Resident of _____ County

Printed Name

IN WITNESS WHEREOF, the Owner has hereunto executed this *Memorandum of Option and Right-of-First Refusal to Purchase Real Estate Agreement* by the undersigned as its duly authorized member on this ____ day of _____, 2013.

For the "Owner":

DSD DEVELOPMENT, LLC, an Indiana limited liability company

By: _____
Donald J. Thieneman, Member

STATE OF INDIANA)
) SS:
COUNTY OF FLOYD)

Before me, the undersigned, a Notary Public in and for the above-named County and State, personally appeared DONALD J. THIEMENAM, as the duly authorized member of DSD Development, LLC, an Indiana limited liability company, and acknowledged the execution of the foregoing *Memorandum of Option and Right-of-First Refusal to Purchase Real Estate Agreement* on behalf of such company as its free and voluntary act and deed for the uses and purposes set forth therein.

Witness my hand and Notarial Seal this _____ day of _____, 2013.

My commission expires:

_____ Notary Public

Resident of _____ County Printed Name

I affirm, under the penalties for perjury, that I have taken reasonable care to redact each Social Security number in this document, unless required by law, and that this instrument was prepared by:

C. Gregory Fifer, Attorney
APPLEGATE FIFER PULLIAM LLC
428 Meigs Avenue
Jeffersonville, IN 47130
(812) 284-9499

EXHIBIT "B"

Thieneman Environmental Heritage Springs Treatment Plant

Building On Site

20' x 36'

10" Poured Concrete Walls

2) 9' Garage Doors

1) 3' Service Door

Poured Concrete Floor. Trussed, Shingled Roof

December 8, 2005 – Revised January 30, 2006

TO: Thieneman Environmental
PO Box 505
Floyd Knobs, IN 47119

FROM: Aero-Mod, Inc.
Manhattan, Kansas

RE: Scope of Supply – Heritage Springs WWTP – Greenville, IN

Aero-Mod proposes to provide the following equipment for the referenced project. The equipment is quoted FOB with freight allowed to the job site. Off-loading of the equipment on-site will be the responsibility of the general contractor and will require a crane to be on-site upon the arrival of the equipment. This scope references the plan drawings prepared by Paul Primavera & Associates.

EQUIPMENT SCOPE

Warranty

Aero-Mod shall warranty the Split-ClarAator clarifier equipment for a period of five (5) years from the date of start-up. Aeration blowers shall have a warranty of two (2) years from the date of start-up. All other equipment shall have a warranty of one (1) year from the date of start-up, or eighteen (18) months after the ship date, whichever occurs first.

O&M Manuals

(6) Copies of O&M Manuals for the Aero-Mod supplied equipment.

Split-ClarAator Clarifier

Note: All required fittings, interior Schedule 40 PVC distributor piping, SS bolts, SS brackets & U-bolts, flexible hoses, and flexible tubing for the clarifier are provided by Aero-Mod. Inlet piping from the screens into the clarifier and effluent piping are to be supplied by the general contractor. This piping is included in the list of PVC piping and fittings. All stainless steel is 304.

(2) Split-ClarAator, Model 12120 as provided by Aero-Mod. This equipment is installed in the clarifier tanks and will perform the operations of clarification, sludge return, and skimming. Each unit is equipped with walkway and a two-rail handrail system. The Split-ClarAator equipment will be shipped in sections. The largest section will be the upper SS effluent/RAS trough section weighing about 3000 pounds. The rest of the sections will all weigh less than 400 lbs each. The contractor is responsible for providing a crane to off-load the equipment and install it into the tankage.

Aero-Mod, Inc.

The following is supplied with the Split-ClarAator equipment:

- (4) Clarifier inlet screens. These inlet screens bolt to the Schedule 40 PVC inlet piping (supplied by local contractor) that will feed the clarifier through the tank wall separating the aeration basin from the clarifier.
- (6) Hydraulic Suction Hoods
- (6) 4" Schedule 40 PVC Airlift Pipes
- (4) 8" Schedule 40 PVC Side Distributor Pipes w/ 4" Tees. These PVC pipe distributors are solvent welded in place at the factory and supported with SS brackets and U-Bolts (supplied by Aero-Mod).
- (1) Set of suction hood base forming frames for use by the general contractor. Frames are to be returned to Aero-Mod upon completion of concrete work.
- (8) Skimmer Assemblies

Each Split-ClarAator upper section has three (3) 1-1/2" SS air pipes attached. Two (2) air pipes supply the air for the skimmers, while the other air pipe supplies the air to the RAS airlift pumps. Only two (2) airline connections are required per Split-ClarAator Upper Section. The flexible hose for these two (2) connections is provided by Aero-Mod.

The pipe supplying air for the RAS airlift pumps will have one (1) 1-1/4" double actuating pneumatic ball valve (This valve is already installed on the unit in the factory). Two (2) 1/4" Parflex tubing connections are required for each pneumatic ball valve. This 1/4" Parflex tubing is supplied by Aero-Mod and will need to be installed in PVC conduit. The flexible hoses used to connect to these SS pipes to the PVC air piping are provided by Aero-Mod.

The upper sections on the clarifiers each have four (4) skimmers. These are pre-assembled in the factory and require a single SS union connection in the field plus a single 1/2" flexible hose (Aero-Mod supplied) connection to the 1/2" stainless steel air supply.

The suction hoods are placed over the top of the concrete suction hood bases. These bases are formed in the field by the general contractor utilizing the set of metal frames and contractor supplied 3/4" plywood and 2 x 4's.

Each clarifier upper section will require three (3) airlift pipe connections.

The 1/2" airlift air supply line is pre-assembled on each airlift pipe in the factory. Each airlift will require a single flexible hose (Aero-Mod supplied) connection in the field to the 1/2" stainless steel air pipe on the upper assembly.

Wall mounted Aerators

Note: All required flexible hose, SS brackets, SS bolts, and saddles for tapping into the PVC air piping are supplied by Aero-Mod. PVC piping from the saddle to the flexible hose is to be supplied by the general contractor. This piping is included in the list of PVC piping and fittings.

- (3) First Stage Aeration Basin Aerator Assemblies, Model WA-PS4. These units bolt to the concrete walls of the aeration basins as per the plans with ½" stainless steel expansion bolts. Each assembly includes a stainless steel guide rail fabricated of 1-1/2" Schedule 5 pipe that is bolted to the concrete wall and floor. A saddle is provided for connection to the PVC air header piping for each aerator. All necessary fittings and piping from and including the flexible hose to the diffusers are provided by AERO-MOD. Included is the air header saddle, a flexible hose connection, a stainless steel ball valve and union assembly with two (2) SS ells, and a 2" PVC air drop pipe. A diffuser header with four (4) 24" stainless steel coarse bubble tubular diffusers by Aeromix is supplied. The diffuser header is glued to the PVC drop pipe and the diffusers are installed on the diffuser header in the field.

- (8) Second Stage Aeration Basin Aerator Assemblies, Model WA-PS4. These units bolt to the concrete walls of the aeration basins as per the plans with ½" stainless steel expansion bolts. Each assembly includes a stainless steel guide rail fabricated of 1-1/2" Schedule 5 pipe that is bolted to the concrete wall and floor. A saddle is provided for connection to the PVC air header piping for each aerator. All necessary fittings and piping from and including the flexible hose to the diffusers are provided by AERO-MOD. Included is the air header saddle, a flexible hose connection, a stainless steel ball valve and union assembly with two (2) SS ells, and a 2" PVC air drop pipe. A diffuser header with four (4) 24" stainless steel coarse bubble tubular diffusers by Aeromix is supplied. The diffuser header is glued to the PVC drop pipe and the diffusers are installed on the diffuser header in the field.

- (4) Selector Tank Aerator Assemblies, Model WAD-HSS2. These units bolt to the concrete walls of the selector tank as per the plans with ½" stainless steel expansion bolts. Each assembly includes a stainless steel guide rail fabricated of 1-1/2" Schedule 5 pipe that is bolted to the concrete wall and floor. A saddle is provided for connection to the PVC air header piping for each aerator. All necessary fittings and piping from and including the flexible hose to the diffusers are provided by AERO-MOD. Included is the air header saddle, a flexible hose connection, a stainless steel ball valve and union assembly with two (2) SS ells, and a 2" PVC air drop pipe. A diffuser header with two (2) 12" stainless steel coarse bubble diffuser by Aeromix is supplied. The diffuser header is glued to the PVC drop pipe and the diffusers are installed on the diffuser header in the field.

- (LS) All required SS wall brackets, SS U-bolts, and SS anchor bolts for installation of the Aero-Mod supplied equipment and contractor supplied PVC piping (in process tankage).

- (LS) All PVC wall inserts for concrete wall penetrations (for PVC pipe) in the aeration basins, clarifiers, selector tank, and aerobic digester. All other types of wall inserts will be by others (i.e., mechanical).

Sludge Management

Note: All required flexible hose, SS brackets, SS bolts, and saddles for tapping into the PVC air piping are supplied by Aero-Mod. PVC piping from the saddle to the flexible hose is to be supplied by the general contractor. This piping is included in the list of PVC piping and fittings.

- (4) Digester Tank Aerator Assemblies, Model WAD-PS4. These units bolt to the concrete walls of the digester as per the plans with ½" stainless steel expansion bolts. Each assembly includes a stainless steel guide rail fabricated of 1-1/2" Schedule 5 pipe that is bolted to the concrete wall and floor. A saddle is provided for connection to the PVC air header piping for each aerator. All necessary fittings and piping from and including the flexible hose to the diffusers are provided by AERO-MOD. Included is the air header saddle, a flexible hose connection, a stainless steel ball valve and union assembly with two (2) SS ells, and a 2" PVC air drop pipe. A diffuser header with four (4) 24" stainless steel coarse bubble diffusers by Aeromix is supplied. The diffuser header is glued to the PVC drop pipe and the diffusers are installed on the diffuser header in the field.
- (1) Activated sludge wasting airlift pump, Model AL-400 and associated supernatant return weir. This airlift pump bolts to the concrete wall of the aeration basin adjacent to the digester tank as shown on the plans with ½" stainless steel expansion bolts and is used to waste activated sludge to the digester tank from the aeration basin. It is controlled by the Plant Process Control Panel and requires a single 1/4" pneumatic line connection. The ½" thick PVC supernatant return weir bolts to the digester tank wall separating the digester tank from the aeration tank as shown on the plans.

Process Controls

- (1) Plant Process Control Panel, Model SQC-200 NEMA 4X panel will control the automatic return of the activated sludge to the selector tank, control the wasting of sludge to the digester tank, and control the sequencing of air in the aeration basins. It will require a 115-V duplex outlet. Within the SQC-200 panel will be three (3) manual timers to operate the plant. This NEMA 4X panel will also contain the solenoid valves to activate the pneumatic valves of the SEQUOX process.
- (2) Air Compressor. Ingersoll-Rand 5 HP, 240V, 3 phase pilot air compressor with a 60 gallon upright air tank, pressure switch, automatic drain, and oil particulate filter to supply at least 65 psi pilot air to the pneumatic control system of the Plant Process Control Panel.

- (1) Hankison dual tower regenerative desiccant dryer to keep the pilot air dry and prevent moisture buildup in the pneumatic control system. This panel will operate using 115-V, 15-amp service.
- (LS) Color coded 1/4" and 3/8" nylon tubing for pneumatic controls between the Plant Process Control Panel in the control building and the process tankage, and within the process tankage.

Aeration Blowers & Controls

- (2) Roots EasyAir 8000 Model 409 Ram positive displacement blowers. Each blower will be equipped with a 30 HP, TEFC, 3 phase, 60 hertz, 240 V motor and will be able to provide 590 icfm at 6.3 psi of water pressure, 115⁰F, and 762 FASL. Each complete blower package will arrive pre-assembled and ready for the contractor to connect to the discharge air header pipe, except as noted. One (1) blower will operate with one (1) serving as a standby. Each blower package shall include the following:

Qty.

- 1 Inlet filter & silencer
- 1 Motor/blower base w/ motor rails
- 1 Belt guard w/ access panel
- 1 30 HP TEFC premium efficiency motor, 240 V/3 ph/60 Hz
- 1 V-belt drive assembly w/ 1.5 S.F.
- 1 4" flex joint, discharge
- 1 Discharge silencer
- 1 Spring-loaded pressure relief valve
- 1 4" check valve
- 1 sound enclosure
- 1 15 psig pressure gauge, liquid filled

- (2) Blower Isolation Valve. A 4" butterfly valve (with lever operator) which shall be mounted in-line by the contractor with the 4" discharge air header pipe for each blower.

- (2) Safronics RapidPak GP10 Variable Frequency Drive Control Panels. Each blower control panel shall be a NEMA 12 panel. Each panel shall include:

- a. Hand/Off/Automatic Selector switch
- b. Circuit Breaker
- c. Fault Light
- d. Power on light
- e. VFD run light
- f. Run time meter
- g. Potentiometer

The blower arrangement shall be as shown on the contract drawings.

Miscellaneous

- (3) Wall Mounted Stop Plates and Frames. The frame for each unit will bolt over the notch provided between various tanks. The stop plate will fit into each frame for isolation of the corresponding tank.
- (1) Manually-cleaned bar screen rack. This polypropylene bar screen rack will be mounted within the concrete influent channel as shown on the plans. This bar screen rack will have a typical bar spacing to catch most large objects but allow the influent to flow through the rack. A rake will be included that can be used to clean debris from the bar screen.

Start-Up & Operator Training

When the provided equipment has been completely installed, Aero-Mod shall provide equipment start-up (one trip only) for two (2) days on-site at the jobsite. Start-up services shall only be supplied if all pending invoices are paid in full.

Process training for the new plant shall be conducted in Manhattan, KS. As part of this scope of supply, two (2) of the plant's operators shall attend Aero-Mod's operator training school within 60 days (before or after) mechanical start-up of the plant. If any additional trips are requested for additional assistance to the operator or to train new operators, additional days and/or trips shall be charged at a \$500/day rate plus travel expenses.

Contractor Supplied Parts & Fittings

PROJECT: HERITAGE SPRINGS - GREENVILLE, IN.
 DATE: February 1, 2006

This list approximates PVC pipe and fittings to be supplied by the General Contractor necessary for installation of the Aero-Mod equipment. **This list is an approximation** and is intended as a reference for planning purposes only. Aero-Mod, Inc. is in no way responsible for errors or omissions of necessary items. **It is the responsibility of the General Contractor** to verify the accuracy of this list with the Contract Plans, Specifications and Approved Submittals prior to ordering. Also note that items other than those listed on these sheets may be necessary for General Contractor supply. Reference all plan drawings for items to be supplied by the General Contractor.

NOTE: Unless otherwise noted, the plumbing fittings are to be PVC SCH 40 pressure rated. Due to their size and shape, DWV fittings are not suitable. Spears plastic fitting part numbers are provided for reference.

Conduit fittings are CARLON Electric PVC numbers

PARTS LISTING PER TANK

QTY.	PARTS #	DESCRIPTION
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		SELECTOR TANK
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2	#406-040	PVC 90 DEG. ELL, 4"
2	#429-040	PVC COUPLING, 4"
2	#437-532	PVC REDUCER BUSHING, 6" x 4"
50		PVC SCH 40 PIPE, 1-1/2"
65		PVC SCH 40 PIPE, 4"
5		PVC SCH 40 PIPE, 6"
1	#401-060	PVC SCH 40 TEE, 6"
1	#447-015	PVC SLIP CAP, 1-1/2"
2	#447-040	PVC SLIP CAP, 4"

		1ST STAGE AERATION TANK
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2	#417-060	PVC 45 DEG. ELL, 6"
1	#417-080	PVC 45 DEG. ELL, 8"
1	#406-080	PVC 90 DEG. ELL, 8"
5		PVC SCH 40 PIPE, 1"
15		PVC SCH 40 PIPE, 1-1/2"
15		PVC SCH 40 PIPE, 6"

10		PVC SCH 40 PIPE, 8"
1	#401-626F	PVC SCH 40 TEE, 10" x 6"
15		PVC SCH 40, 160 PSI PIPE, 10"
1	#447-020	PVC SLIP CAP, 2"
1	#983J	PVC TYPE-T CONDUIT TEE, 2"

2ND STAGE AERATION TANK		
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1		10" EPDM FLANGE GASKET
4		8" EPDM FLANGE GASKET
1	#417-080	PVC 45 DEG. ELL, 8"
1	#406-100	PVC 90 DEG. ELL, 10"
1	#406-040	PVC 90 DEG. ELL, 4"
8	#406-060	PVC 90 DEG. ELL, 6"
6	#406-080	PVC 90 DEG. ELL, 8"
2	#853-080	PVC BLIND FLANGE
3	#UB9AJ	PVC CONDUIT 90 DEG SWEEP, 2"
1	#E987N	PVC CONDUIT JUNCTION BOX, 4"x4"
7	#429-020	PVC COUPLING, 2"
1	#429-040	PVC COUPLING, 4"
2	#429-060	PVC COUPLING, 6"
1	#854P-100	PVC FLANGE x SLIP, 10"
2	#854P-060	PVC FLANGE x SLIP, 6"
9	#854P-080	PVC FLANGE x SLIP, 8"
1	#437-532	PVC REDUCER BUSHING, 6" x 4"
55		PVC SCH 40 PIPE, 1-1/2"
85		PVC SCH 40 PIPE, 2"
45		PVC SCH 40 PIPE, 4"
65		PVC SCH 40 PIPE, 6"
45		PVC SCH 40 PIPE, 8"
2	#401-626F	PVC SCH 40 TEE, 10" x 6"
15		PVC SCH 40, 160 PSI PIPE, 10"
1	#447-015	PVC SLIP CAP, 1-1/2"
3	#447-020	PVC SLIP CAP, 2"
1	#447-040	PVC SLIP CAP, 4"
2	#986J	PVC TYPE-LB CONDUIT LB, 2"
5	#983J	PVC TYPE-T CONDUIT TEE, 2"

CLARIFIER TANK A		
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15		PVC SCH 40 PIPE, 8"
1	#401-080	PVC SCH 40 TEE, 8"

CLARIFIER TANK B		
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1	#406-080	PVC 90 DEG. ELL, 8"
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20		PVC SCH 40 PIPE, 8"
1	#401-080	PVC SCH 40 TEE, 8"

SURGE TANK		
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15		PVC SCH 40 PIPE, 8"
1	#401-080	PVC SCH 40 TEE, 8"
1	#447-080	PVC SLIP CAP, 8"

DIGESTER TANK		
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2	#417-040	PVC 45 DEG. ELL, 4"
6	#406-060	PVC 90 DEG. ELL, 6"
1	#429-040	PVC COUPLING, 4"
2	#854P-060	PVC FLANGE x SLIP, 6"
1	#437-532	PVC REDUCER BUSHING, 6" x 4"
20		PVC SCH 40 PIPE, 1-1/2"
5		PVC SCH 40 PIPE, 2"
30		PVC SCH 40 PIPE, 4"
30		PVC SCH 40 PIPE, 6"
1	#401-532	PVC SCH 40 TEE, 6" x 4"
1	#447-020	PVC SLIP CAP, 2"
1	#447-040	PVC SLIP CAP, 4"

BILL OF MATERIAL

Heritage Springs
Greenville, IN

Caterpillar Olympian 150 kW Generator Set

One new Caterpillar Olympian Model D150P1 Emergency Generator with a Perkins diesel fueled engine, directly connected to a single bearing synchronous generator with PMG excitation system to sustain a short circuit @ 300% for 10 seconds, 60 Hz., 3 phase, 1800 RPM, 150 kW standby, 120 kW prime power, 120/208 volts, and including the following attachments and accessories:

- Air cleaner, single stage dry type
- Breather, crankcase
- Cooler, lube oil
- Lube oil filters
- Lubricating oil
- Exhaust, manifold dry type
- Paint, Caterpillar Yellow
- Jacket water pump
- Flexible fuel lines
- Governor, electronic type allowing isochronous frequency regulation and a steady state operation of $\pm 0.25\%$ from no load to full load
- Formed steel base
- Vibration isolators mounted between the formed steel base and the engine generator set
- Radiator, engine mounted, with duct adapter and of sufficient capacity to maintain a safe operating temperature in an ambient of 122°F.
- Anti-freeze
- Exhaust silencer
- Flexible exhaust fitting
- Safety shutoff system for high coolant temperature, low oil pressure, engine overspeed and overcrank.
- Electric starting system, 12 volt DC
- Battery charging alternator, 12 volts, 45 amps
- Automatic Engine Start/Stop control mounted in the generator control panel. It shall provide for cycle crank operation and includes alarm lights for low oil pressure, combination high coolant temperature and low coolant level, overspeed and overcrank; a three position selector switch providing positions for auto-start, manual start, and off
- Battery 12 volt with acid, rack, and cables
- Trickle charger, 120 VAC input, 12 VDC output, UL listed, 10 ampere per NFPA 110
- Jacket water heater thermostatically controlled, 1.5 kW, 120 VAC single phase.
- Local alarm horn with mute
- Voltage adjustment potentiometer
- Low coolant temperature alarm
- Low coolant shutdown circuit
- Low fuel level alarm
- Generator mounted control panel, EMCP 3.2 in NEMA 1 enclosure and includes voltmeter, ammeter, frequency meter, power factor, kW hours and kVAR hours with separate LCD display for each, 0.5% accuracy; Engine and AC metering shortcut keys; cool down timer factory set for five minutes; emergency stop switch with LED indicator; LCD indicator for engine speed, battery DC volts, lube oil pressure, coolant temperature, operating hours and system diagnostic codes; auxiliary relay, illumination lights, automatic starting controls quoted above
- PMG excitation system for isolating the voltage regulator power circuit from voltage distortions created when the generator supplies a non-linear load.

Generator mounted molded case circuit breaker, mounted in a NEMA 1 enclosure
Generator voltage regulator will be generator mounted.

Weatherproof CAWB with two hinged doors on each side and one at the, bolted to the integral base fuel tank with the critical exhaust silencer and trickle charger mounted inside the enclosure. The enclosure is constructed of 14 gauge steel and each individual piece of the enclosure is powder coat painted Caterpillar yellow. Panel viewing window is included.

Integral base fuel tank, double wall construction, UL approved, 24-hour fuel capacity at full load and conduit stub-up area to facilitate cabling to the generator circuit breaker (Fuel is not included)

Automatic transfer switches, Caterpillar rated 400 amps, at 120/208 volts, 3 phase, 3 pole, 4 wire, 60 hertz in NEMA 1 enclosure and includes the following accessories:

- time delay engine starting, adjustable 0-6 seconds
- adjustable time delay on retransfer to normal 0-30 minutes with 5 minute cooldown timer
- differential relay protection
- test switch to provide for operation of emergency plant and transfer switch
- auxiliary contact, engine starting, close when normal fails
- auxiliary contact open when normal fails
- pilot light for indicating switch in normal position
- pilot light for indicating switch in emergency position
- auxiliary contact on main shaft closed on normal, two provided
- auxiliary contact on main shaft closed on emergency, two provided
- frequency relay
- exerciser - load / no load type
- test maintain switch

Startup and personnel training

O & M Manuals - 1 set

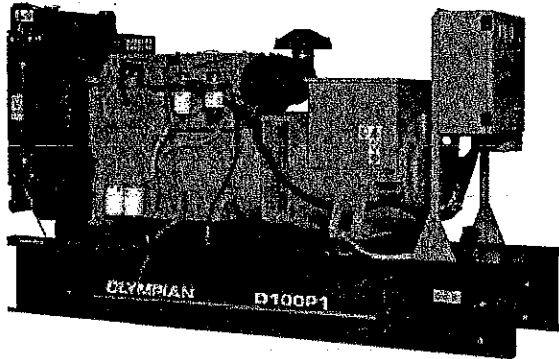
Submittal Data - 6 sets or as needed

WARRANTY: Two years beginning with the date of start-up of the equipment if used in a standby application.

DIESEL GENERATOR SETS

OLYMPIAN™

Exclusively from your Caterpillar® dealer



STANDBY
PRIME

90-150 kW
82.4-114 kW

60 Hz

Model	Standby kW (kVA)	Prime kW (kVA)
D90P1**	90 (112.5)	82.4 (103)
D100P1**	100 (125)	90 (112.5)
D100P4*	100 (125)	90 (112.5)
D125P1**	125 (156.3)	114 (142.5)
D125P2***	125 (156.3)	114 (142.5)
D150P1**	150 (187.5)	N/A

- * Tier II EPA Approved, Emissions Certified
- ** 50 Hz option is available. Consult factory for more details.
- *** Meets regulations under the transition provisions in paragraph 102 of the EPA regulations with the following statement:

THIS ENGINE IS CERTIFIED TO THE CURRENT MODEL YEAR REQUIREMENTS UNDER THE PROVISION OF 40CFR89.102

FEATURES

GENERATOR SET

- Complete system designed and built at ISO 9001 certified facilities
- Factory tested to design specifications at full load conditions

ENGINE

- Governor, electronic (D125P1, D125P2, D150P1)
- Governor, mechanical (D90P1, D100P1, D100P4)
- Electrical system, 12VDC
- Cartridge type filters
- Battery(ies), rack and cables
- Coolant and lube drains piped to edge of base

GENERATOR

- Insulation system, class H
- Drip proof generator air intake (NEMA 2, IP23)
- Electrical design in accordance with BS5000 Part 99, EN61000-6, IEC60034-1, NEMA MG-1.33

CONTROL SYSTEM

- 2001 Autostart control panel
- Vibration isolated NEMA 1 enclosure with lockable hinged door
- DC and AC wiring harnesses

MOUNTING ARRANGEMENT

- Heavy-duty fabricated steel base with lifting points
- Anti-vibration pads to ensure vibration isolation
- Complete OSHA guarding
- Flexible fuel lines to base with NPT connections
- Stub-up pipe ready for connection to silencer pipework

COOLING SYSTEM

- Radiator and cooling fan complete with protective guards
- Standard ambient temperatures up to 122° F (50° C)

CIRCUIT BREAKER

- UL/CSA listed
- 3-pole with solid neutral
- NEMA 1 steel enclosure, vibration isolated
- Electrical stub-up area directly below circuit breaker

AUTOMATIC VOLTAGE REGULATOR

- Voltage within ± 0.5% at steady state from no load to full load
- Provides fast recovery from transient load changes

EQUIPMENT FINISH

- All electroplated hardware
- Anticorrosive paint protection
- High gloss polyurethane paint for durability and scuff resistance

QUALITY STANDARDS

- BS4999, BS5000, BS5514, EN61000-6, IEC60034, NEMA MG-1.33, NFPA 110 (with optional equipment)

DOCUMENTATION

- Operation and maintenance manuals provided
- Wiring diagrams included

WARRANTY

- All equipment carries full manufacturer's warranty.

LEHX9506-11 (08-05)

Materials and specifications are subject to change without notice.

WHERE THE WORLD TURNS FOR POWER

STANDBY 90 - 150 kW
 PRIME 82.4 - 114 kW
 60 Hz

OLYMPIAN™

OPTIONAL EQUIPMENT*

ENCLOSURE

- E-Series weather protective enclosure (includes internal silencer system)
- Single point lift
- Panel viewing window
- External emergency stop pushbutton
- Sound attenuated enclosure (includes internal silencer system)
- Super sound attenuated enclosure (includes internal silencer system) (D90P1, D100P1)

SILENCER SYSTEM — OPEN UNIT

- Level 1 silencer 10 dBA
- Level 2 silencer 25 dBA
- Level 3 silencer 35 dBA
- Mounting kit
- Through-wall installation kits

ENGINE

- Electronic governor (fully adjustable)
- Battery heater
- Lube oil drain pump
- High lube oil temperature shutdown
- Lube oil sump heater

CIRCUIT BREAKER

- Auxiliary voltfree contacts
- Shunt trip (100 amp breakers)

GENERATOR

- Anti-condensation heater
- Permanent magnet generator
- AREP excitation system
- Generator upgrade 1 size - except D150P1

CONTROL SYSTEM

- No control system
- 4001 Series Autostart control panel
- 4001E Series Autostart control panel

MOUNTING ACCESSORIES

- Seismic Zone 4 vibration isolators

FUEL SYSTEM

- Metal fuel tank
- UL listed closed top-bike skid-mounted fuel tank base (12.7 gallon capacity) with fuel alarm (low level/leak detected)
- Critical high fuel alarm
- Critical low fuel level shutdown

REMOTE ANNUNCIATORS

- 8- and 16-channel remote annunciator panel (supplied loose)
- Remote annunciator upgrade normal/run control switch
- Remote annunciator upgrade lockdown emergency stop button

COOLING SYSTEM

- Coolant heater
- Low coolant temperature alarm
- Low coolant level shutdown
- Radiator transition flange

MISCELLANEOUS ACCESSORIES

- Toolkit
- Additional operator's manual pack
- Special enclosure color
- UL listing
- CSA certification
- French or Spanish language labels

EXTENDED SERVICE CONTRACTS

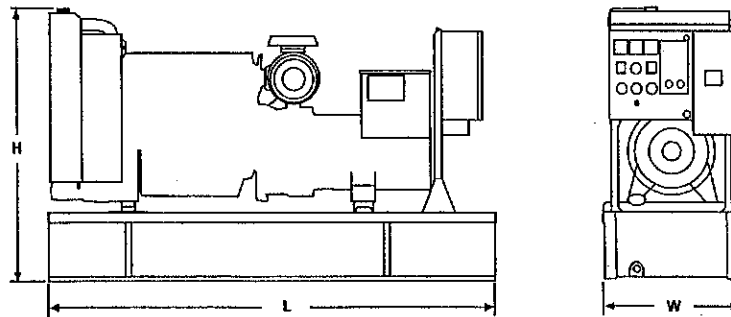
- Extended Service Coverage available

TESTING

- Factory witness test (restricted to 6 hours — full load, 1.0 pf)

*Some options may not be available on all models. Not all options are listed.

GENERATOR SET DIMENSIONS AND WEIGHTS



Model	Length in (mm)	Width in (mm)	Height in (mm)	Weight lbs (kg)**
D90P1	97.7 (2481)	29.4 (746)	56.4 (1433)	2778 (1260)
D100P1	97.7 (2481)	29.4 (746)	56.4 (1433)	2778 (1260)
D100P4	92.4 (2347)	43.3 (1100)	52.0 (1321)	3157 (1432)
D125P1	105 (2675)	35.4 (900)	57.5 (1460)	3263 (1480)
D125P2	105 (2675)	35.4 (900)	57.5 (1460)	3131 (1420)
D150P1	105 (2675)	35.4 (900)	57.5 (1460)	3263 (1480)

NOTE: General configuration not to be used for installation. See specific dimensional drawings for detail.

**Includes oil and coolant
 ∞ Estimated weight

STANDBY 90 - 150 kW
 PRIME 82.4 - 114 kW
 60 Hz

OLYMPIAN™

SPECIFICATIONS



GENERATOR

Voltage Regulation ±0.5% at steady state from no load to full load
 Frequency .. ±0.8% (models with mechanical governor) ±0.25% (models with electronic governor) for constant load, no load to full load
 Waveform Distortion THD < 4%, at no load
 Radio Interference Compliance with EN61000-6
 Telephone Interference TIF <50, THF <2%
 Overspeed Limit..... 2250 rpm
 Insulation Class H
 Temperature Rise Within Class H limits
 Available Voltages 277/480, 266/460, 120/240, 127/220, 120/208, 347/600
 Deration Consult factory for available outputs
 Ratings At 86° F (30° C), 500 ft. (152.4 m), 60% humidity, 0.8 pf



ENGINE

D90P1, D100P1, D125P1, D125P2 D150P1 — 1006

Manufacturer Perkins
 Type..... 4-Cycle
 Cylinder Configuration..... In-line 6
 Displacement — cu in (L) 365 (5.99)
 Bore — in (mm) 3.94 (100.0)
 Stroke — in (mm) 5.00 (127.0)
 Compression Ratio
 D90P1, D100P1 16.0:1
 D125P1, D125P2, D150P1 17.0:1
 Governor
 Type Mechanical/Electronic
 Class A1/G2
 Piston Speed — ft/sec (m/sec)..... 25.0 (7.62)
 Engine speed — rpm..... 1800
 Air Cleaner Type Dry, replaceable paper element type with restriction indicator
 Regenerative Power — kW 16.2

D100P4 — 1104

Manufacturer Perkins
 Type..... 4-Cycle
 Cylinder Configuration..... In-line 4
 Displacement — cu in (L) 268.5 (4.4)
 Bore — in (mm) 4.13 (105)
 Stroke — in (mm) 5.00 (127)
 Compression Ratio 19.3:1
 Governor
 Type Electronic
 Class..... A1
 Piston Speed — ft/sec (m/sec)..... 25.0 (7.62)
 Engine speed — rpm..... 1800
 Air Cleaner Type Dry, replaceable paper element type with restriction indicator
 Regenerative Power — kW 16.2

RATING DEFINITIONS

Standby — Applicable for supplying continuous electrical power (at variable load) in the event of a utility power failure. No overload is permitted on these ratings. The generator is peak rated (as defined in ISO8528-3).

D90P1 — 1006TG1A

Max Power at Rated rpm — hp (kW)
 Standby 149.8 (111.7)
 Prime 136.2 (101.6)
 BMEP — psi (kPa)
 Standby..... 182 (1259)
 Prime 164 (1133)
 Aspiration..... Turbocharged

D100P1 — 1006TG2A

Max Power at Rated rpm — hp (kW)
 Standby..... 166 (124)
 Prime 151 (112)
 BMEP — psi (kPa)
 Standby..... 202 (1393)
 Prime 182 (1253)
 Aspiration..... Turbocharged

D100P4 — 1104C-TAG2

Max Power at Rated rpm — hp (kW)
 Standby 157.5 (117.5)
 Prime 143.2 (106.9)
 BMEP — psi (kPa)
 Standby 258 (1780)
 Prime 235 (1618)
 Aspiration..... Turbocharged

D125P1 — 1006TAG

Max Power at Rated rpm — hp (kW)
 Standby 212.1 (158.5)
 Prime 193.8 (144.2)
 BMEP — psi (kPa)
 Standby..... 266 (1836)
 Prime..... 234 (1610)
 Aspiration Turbocharged, AA Charge Cooled

D125P2 — 1006-6TA

Max Power at Rated rpm — hp (kW)
 Standby 212.1 (158.5)
 Prime 193.8 (144.2)
 BMEP — psi (kPa)
 Standby..... 266 (1836)
 Prime..... 233 (1610)
 Aspiration Turbocharged, AA Charge Cooled

D150P1 — 1006TAG1

Max Power at Rated rpm — hp (kW)
 Standby 244 (182)
 Prime N/A
 BMEP — psi (kPa)
 Standby..... 294 (2026)
 Prime N/A
 Aspiration Turbocharged, AA Charge Cooled



CONTROL PANEL

NEMA 1 steel enclosure with lockable hinged door
 Vibration isolated mounted Autostart control panel
 Single location customer connector point
 Electrical stub-up area directly below control panel

Prime — Applicable for supplying continuous electrical power (at variable load) in lieu of commercially purchased power. There is no limitation to the annual hours of operation and the generator set can supply 10 percent overload power for 1 hour in 12 hours.

Consult your Olympian representative for more information.

STANDBY 150 kW
PRIME N/A
60 Hz

OLYMPIAN™

D150P1 (3-Phase)

Materials and specifications are subject to change without notice.

Generator Set Technical Data — 1800 rpm/60 Hz		Standby
Power Rating	kW (kVA)	150 (188)
Lubricating System Type: Full Pressure Oil Filter: Spin-On, Full Flow Oil Cooler: Watercooled Oil Type Required: API CG4 Total Oil Capacity Oil Pan	U.S. gal (L) U.S. gal (L)	5.0 (19) 4.23 (16)
Fuel System Generator Set Fuel Consumption 100% Load 75% Load 50% Load	G/hr (L/hr) G/hr (L/hr) G/hr (L/hr)	11.60 (43.90) 9.00 (34.07) 6.40 (24.21)
Engine Electrical System Voltage/Ground: 12/Negative Battery Charging Generator Ampere Rating	Amps	45
Cooling System Water Pump Type: Centrifugal Radiator System Capacity Incl. Engine Maximum Coolant Static Head Coolant Flow Rate Minimum Temperature to Engine Temperature Rise Across Engine Heat Rejected to Coolant at Rated Power Total Heat Radiated to Room at Rated Power Radiator Fan Load	U.S. gal (L) Ft H ₂ O (m H ₂ O) U.S. gal/hr (L/hr) °F (°C) °F (°C) Btu/min (kW) Btu/min (kW) Hp (kW)	9.8 (30.7) 32.2 (9.8) 2725 (10 320) 169 (76) 14.4 (8.0) 4363 (83) 2551 (36.2) 10 (7.5)
Air Requirements Combustion Air Flow Maximum Air Cleaner Restriction Radiator Cooling Air (zero restriction) Generator Cooling Air Allowable Air Flow Restriction (After radiator) Cooling Airflow (@ rated speed) Rate with restriction	Cfm (m ³ /min) In H ₂ O (kPa) Cfm (m ³ /min) Cfm (m ³ /min) In H ₂ O (kPa) Cfm (m ³ /min)	394 (11.2) 20 (3.0) 11,000 (312) 933 (26.4) 0.48 (0.120) 8900 (252)
Exhaust System Maximum Allowable Backpressure Exhaust Flow at Rated kW Exhaust temperature at Rated kW — Dry Exhaust	In Hg (kPa) Cfm (m ³ /min) °F (°C)	1.8 (6.0) 1102 (31.2) 1229 (665)
Generator Set Noise Rating* (Without Attenuation) at 3 ft (1 m)	dB(A)	97

Generator Technical Data	277/480V	266/460V	127/220V	120/240V 120/208V	347/600V
Motor Starting Capability: (kVA) (30% Voltage Dip)					
Self Excited	420	391	363	330	N/A
PM Excited**	548	511	476	433	548
AREP Excited	548	511	476	433	548
Full Load Efficiencies: Standby	92.9	92.9	92.8	92.9	92.9
Reactances (per unit):					
X _d	2.91	3.16	3.46	3.87	2.91
X _d	0.10	0.11	0.12	0.13	0.10
Reactances shown are applicable to the standby rating.					
X _d	0.058	0.064	0.070	0.076	0.058
X _q	1.74	1.90	2.08	2.29	1.74
X _q	0.069	0.075	0.082	0.089	0.069
X ₂	0.063	0.069	0.075	0.082	0.063
X ₀	0.005	0.005	0.006	0.006	0.005
Time Constants:	t _d 100 ms	t _d 10 ms	t _{do} 2966 ms	t _a 15 ms	

* dB(A) levels are for guidance only



Strand Associates, Inc.®

Waterfront Plaza
325 West Main Street, Suite 710
Louisville, KY 40202
(P) 502-583-7020
(F) 502-583-7026

January 30, 2013

Mr. Randal Johnes, Town Manager
Town of Greenville
P.O. Box 188
Greenville, IN 47124

Re: Heritage Springs WWTP Review

Dear Mr. Johnes:

Enclosed are two copies of the final Heritage Springs Wastewater Treatment Plant Review report. Thank you for the opportunity to prepare this report.

If you or the Town should have any questions, please feel free to call.

Sincerely,

STRAND ASSOCIATES, INC.®

A handwritten signature in blue ink that reads 'Mark A. Sneve'.

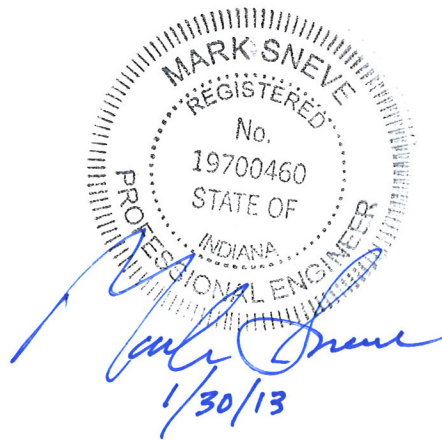
Mark A. Sneve, P.E., BCEE
Senior Associate

Enclosure: Report

c/enc: Jorge Lanz-Jacobi, Toombs & Lanz, Inc.

Report for Town of Greenville, Indiana

Heritage Springs Wastewater Treatment Plant Review



Prepared by:

STRAND ASSOCIATES, INC.®
325 W. Main Street, Suite 710
Louisville, KY 40202
www.strand.com

January 2013



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APPENDICES

APPENDIX A–PHOTOS FROM SITE VISIT
APPENDIX B–FACILITY DESIGN CHECKLISTS

The Town of Greenville (Town) hired Strand Associates, Inc.[®] to conduct a review of the Heritage Springs Wastewater Treatment Plant (WWTP) in advance of the Town pursuing a purchase of the assets from the current owner. The scope of services included:

1. Reviewing background information provided by the client and current WWTP owner. Examples of background information include construction drawings, construction specifications, National Pollutant Discharge Elimination System (NPDES) permit and permit application, Indiana Department of Environmental Management (IDEM) construction permit application and Construction Permit, and any other permits or contracts (i.e., sludge hauling or disposal permits).
2. Conducting a half-day site visit to review the condition of the plant.
3. Confirming unit process sizing and rated capacity.
4. Reviewing latest 12 months of operational data [Monthly Review of Operations (MRO) and Discharge Monitoring Reports (DMRs)]. Data to be provided by client or current plant owner.
5. Preparing a brief report on the condition and capacity of the existing facility, which is to include any obvious recommendations based on the site visit and data review.

BACKGROUND

The Heritage Springs WWTP was constructed by Thieneman Environmental, LLC beginning in 2006. The facility was designed by Paul Primavera & Associates and constructed by Thieneman Environmental with the assistance of a mechanical contractor. The facility is located at 1011 Freedom Court, Greenville, Indiana. Access to the WWTP is provided by a gravel road off Arthur Coffman Road. The facility construction was permitted by the IDEM based on a construction permit application dated August 17, 2005. IDEM also issued a NPDES permit that authorized a discharge of effluent treated to a specified degree to Jersey Park Creek. The facility operates under NPDES Permit No. IN0062553 that was reissued on July 29, 2011.

A site visit was conducted by Mark Sneve on January 16, 2013. Mr. Sneve was accompanied by Don Thieneman for part of the site visit.

The following files were obtained and reviewed as part of this effort:

1. NPDES Discharge Permit IN0062553 issued July 29, 2011.
2. DMRs as available on-site and via the IDEM Virtual File Cabinet.
3. MRO information from 2012 as provided by Thieneman Environmental, LLC.
4. AeroMod WWTP shop drawings for the WWTP, dated January 2006.
5. IDEM Facilities Construction and NPDES Permit Application Information, dated August 2005.

6. Application for a Certificate of Territorial Authority to the Utility Regulatory Commission, filed June 2004.
7. Specification for the Heritage Springs WWTP by Paul Primavera & Associates, not dated.
8. Construction Drawings for the Heritage Springs WWTP by Paul Primavera & Associates, dated 2004 and 2005.
9. Wasteload Allocation Report from IDEM, dated April 2011.
10. Sanitary Sewer Feasibility Study, Step 1 Interim Report prepared by Jacobi, Toombs & Lanz, Inc., dated June 2011.
11. Inspection correspondence from 2012 obtained from IDEM Virtual File Cabinet.

PHYSICAL CONDITION

The physical condition of the WWTP was visually assessed during the January 16, 2013 site visit. Photos taken during the site visit are included in Appendix A.

Overall the facility was found to be in good condition. The WWTP is surrounded by a security fence topped by three strands of barbed wire. The treatment tanks are constructed of 12-inch-thick cast-in-place concrete walls. Walkways are constructed using aluminum grating and aluminum handrails. The influent magnetic flow meter is installed in a concrete vault. The ultraviolet (UV) chamber is constructed of concrete. A fiberglass manhole with access hatch contains the effluent Parshall flume. An outfall cascade is constructed of cast-in-place reinforced concrete. The plant building is constructed of reinforced concrete walls with a truss-type roof supporting a shingled roof. The emergency generator is a stand-alone package unit located outside the building.

The outfall sewer and influent pump stations were not reviewed. According to the construction plans, the influent pump station consists of a precast concrete wetwell and valve vault. Submersible pumps lift the wastewater into the WWTP. The outfall sewer is identified as a 10-inch polyvinyl chloride (PVC) sewer with nine precast manholes and a precast outfall headwall.

There was no evidence of any tank or channel overflows. The equipment and facilities appear to have been maintained. Review of maintenance records was not performed and was not included in the scope.

OPERATING CONDITION

The operating condition of the WWTP was visually assessed during the January 16, 2013 site visit. Photos taken during the site visit are included in Appendix A.

The WWTP was found to be operating in batch treatment mode with two reactor tanks under aeration and one sludge storage tank under aeration. The largest aeration tank was out of service. One blower

was in service at about two-thirds speed and cycled on and off based on a timer. The ultraviolet disinfection system was not in service because the NPDES permit does not require disinfection in the winter months. The UV light banks were being stored in the building for the winter. During the site visit, the function of the influent bar screen was observed. The screen was adequate. There was no batch discharge from the facility during the site visit, so the hydraulics of the Parshall flume and the function of the cascade aerator could not be observed. The emergency generator was not in service during the site visit.

All facilities observed during the site visit appeared to be in good operating order.

Some time just before the site visit, the operations staff had discharged a batch of effluent from the aeration tanks and also had a contractor remove solids from the solids holding tank.

There were no unusual or objectionable odors at the facility.

During the site visit, checklists were filled out to compare the installation against typical criteria as found in the Ten State Standards published by Great Lakes–Upper Mississippi River Board, a widely accepted guidance document for the design of municipal WWTPs. Refer to Appendix B for the completed checklists. Based on the checklists, the following concerns are identified in Table 1.

Concern	Significance
No backflow preventer (BFP) to protect the public water supply.	Recommend installation of BFP.
Lack of hand railing on outfall cascade.	Recommend installation of handrail.
Lack of on-site first aid supplies.	Provide on-site first aid supplies.
Coarse bubble diffusers.	Future upgrade to fine bubble diffuser will improve operations and efficiency.
Influent concentrations are above design concentrations. Design Biochemical Oxygen Demand (BOD) is 240 mg/L, actual has been 316 mg/L. Design NH3-N is 25 mg/L, actual has been 41 mg/L.	As WWTP approaches design conditions the plant may run out of oxygen transfer capacity. Not an immediate concern.
Inability to take one aeration tank out of service.	Consider flexibility to operate with one of two aeration tanks if using full plant capacity causes concern.
Improve outfall cascade to create pools at each step.	Improve oxygen transfer to address occasional low effluent dissolved oxygen (DO).

Table 1 Design Checklist Concerns

PERMIT REVIEW

The NPDES discharge permit was reviewed and found to be quite standard. Effluent limits are typical of this type of plant and the receiving stream. The NPDES permit discusses the procedure to transfer the permittee on Page 11 of 26. Should the Town take ownership of the treatment facility, we recommend the Town become very familiar with the NPDES permit.

IDEM has provided a Wasteload Allocation (WLA) for increasing plant capacities up to 0.4 mgd. The WLA indicates that effluent limits would remain essentially the same as today. The site footprint may not allow the WWTP to be expanded beyond 0.2 mgd. Also, IDEM setback requirements (327 IAC 3-2-6) apply to new treatment plants and require 500 feet from the nearest dwelling to the nearest treatment tank or equipment. IDEM should be consulted to make sure it does not intend to apply this requirement to expansions of existing WWTPs. If IDEM does, additional buffer land or written approval from future property owners (less than 500 feet away) may be required.

No sludge disposal permit was provided for the existing facility. Sludge is reportedly removed from the site and disposed of by a contract hauler (B&H according to Mr. Thieneman). Should the Town take ownership, additional permitting may be required. Permits for the disposal of sludge may be required according to Page 18 of 26 of the NPDES permit.

UNIT PROCESS SIZING

The dimensions of the tanks on the site were compared to the dimensions on the drawings. The facility appeared to be constructed according to drawings. The sizing of each unit process was checked in the facility checklist review. No concerns were identified over the unit process sizing. The extended aeration activated sludge aeration tanks were sized based on a 15 pounds of BOD per 1,000 cubic feet (15 lb BOD/1000 CF) loading rate as recommended by Ten State Standards.

DMR REVIEW

DMRs were obtained for the past 12 months of operation at the Heritage Springs WWTP. The results presented in the DMRs are published in Table 2. The significance of the results will be discussed in the Compliance Review section.

TABLE 2

HERITAGE SPRINGS DMR DATA

	EFFLUENT						AVERAGE					WEEKLY AVERAGE				
	DO Min Summer (mg/L)	DO Min Winter (mg/L)	pH Min (std. units)	pH Max (std. units)	Flow Average (mgd)	Flow Monthly Total (mil gal)	BOD (mg/L)	TSS (mg/L)	NH3-N Summer (mg/L)	NH3-N Winter (mg/L)	E-Coli Summer (CFU)	BOD (mg/L)	TSS (mg/L)	NH3-N Summer (mg/L)	NH3-N Winter (mg/L)	E-Coli Daily Max Summer (CFU)
Permit	> 6	> 5	> 6	< 9			< 20	< 24	< 1.5	< 3.0	< 125	< 30	< 36	< 2.3	< 4.5	< 235
Jan-12		9.2	7.0	7.8	0.0049	0.151	7.8	17.2		0.25		10	23		0.41	
Feb-12		7.3	7.4	8.1	0.0044	0.127	5.2	5.6		0.45		7	9		1.16	
Mar-12		6.5	6.9	7.9	0.0055	0.172	15.4	29.3		1.25		19	38		4.74	
Apr-12		7.8	7.0	7.8	0.0045	0.134	7.3	7.0		0.31	5	12	9		0.69	10
May-12	7.0		7.0	8.1	0.0045	0.140	6.4	13.4	<0.2		3	7	19	<0.2		8
Jun-12	6.0		6.2	7.9	0.0048	0.144	8.9	10.8	10.25		22	19	23	27.9		344
Jul-12	6.8		7.1	7.9	0.0085	0.264	6.3	9.4	7.18		20	19	29	31.6		219
Aug-12	6.0		7.3	7.8	0.0059	0.184	3.6	3.4	<0.2		3	5	5	<0.2		15
Sep-12	7.0		7.0	7.7	0.0053	0.158	9.0	15.6	0.93		16	13	27	1.7		106
Oct-12	5.2		7.3	8.0	0.0060	0.186	8.2	14.4	1.39		14	11	22	3.1		813
Nov-12	5.2		7.5	7.9	0.0053	0.160	4.7	7.5		0.20		6	13		0.20	
Dec-12		7.5	7.4	8.0	0.0064	0.178	8.0	8.6		0.99		15	21		2.06	

Notes: November and December 2012 data were taken from MRO information, not DMR information.

Highlighted cells show permit excursions.

COMPLIANCE REVIEW

The compliance history for the WWTP was assessed based on a review of the past 12 months of DMR documents. The licensed operator is required to submit monthly reports to IDEM to document the performance of the WWTP and its compliance with NPDES permit limits. The DMRs were reviewed and discussed in the previous section. Based on a review of the DMRs in Table 2, the compliance status is summarized as follows:

- Effluent DO—The plant was in compliance with the minimum effluent dissolved oxygen in 10 of 12 months. The plant was out of compliance in October and November. In October, two days had less than the required concentration of 6 mg/L out of 23 days when measurements were taken. In November, one day was less than the required concentration out of 17 days when measurements were taken. The outfall cascade's effectiveness could be improved by installing plates to create more pools for reoxygenation. Also the DO settings for the biological treatment plant could be increased.
- Effluent pH—The plant must discharge effluent with a pH between 6.0 and 9.0. The plant was in full compliance.
- Effluent BOD—The plant must meet monthly and weekly average concentration and mass discharge limitations. The plant was in full compliance.
- Effluent TSS—The facility must discharge effluent with total suspended solids (TSS) of less than 24 mg/L as a monthly average and less than 36 mg/L as a weekly average. In March 2012, the monthly average effluent TSS was 29.3 and the peak weekly effluent TSS was 38 mg/L; both were in violation of the permit. The effluent TSS is a measure of how well the plant clarifiers captured the treatment biomass before discharge. A slight compromise in effluent quality is not of significant concern since the facility is currently being operated in an alternate processing mode that involves batch discharges. Once continuous flow discharges are employed (as the plant flow picks up), the effluent TSS should be in compliance.
- Effluent NH₃-N—The WWTP is required to meet monthly and weekly average discharge concentrations that differ between winter and summer. In the winter, the monthly and weekly averages must be less than 3.0 and 4.5 mg/L, respectively. In the summer, the monthly and weekly averages must be less than 1.5 and 2.3 mg/L, respectively. The plant has had numerous violations of the monthly and weekly average NH₃-N effluent limits. Two violations of the summer monthly average and three violations of the summer weekly average occurred. In addition, one violation of the winter weekly average occurred in the past 12 months. Violations of ammonia effluent limits can occur because of inadequate treatment time, inadequate DO, inadequate alkalinity, or a lack of specific microorganisms to complete the nitrification process. Given that the WWTP is being operated in a batch mode, it is likely that either the processing time or the oxygen transfer was insufficient to support full nitrification. These concerns should not persist when the plant begins operation as a continuous flow through extended aeration activated sludge process.

- Effluent *E. coli*—The plant is required to meet monthly average standards for *E. coli* and also demonstrate compliance with a maximum daily concentration during the summer months. The plant is routinely in compliance with the monthly average criteria, but it had two isolated violations of the daily maximum criteria in 63 sampling results. *E. coli* violations are the result of inadequate disinfection. Since the WWTP uses UV light to disinfect the effluent, the likely cause of poor disinfection was either a fouled lamp sleeve or aged UV lamps. Given that the facility was in routine compliance, the cause is likely a maintenance issue that could be managed or resolved.

The WWTP should be expected to achieve an effluent that meets permit standards as the operation begins to use the plant capacity as designed. To demonstrate the typical effluent quality achieved with a very similar WWTP, Table 3 shows data from the Wymberly Sanitary Works in Floyd County. This facility was selected as a comparison because it is of the same AeroMod design and it was designed by the author of this report. Also, very similar effluent limits are imposed. Table 3 shows effluent quality can be produced to consistently achieve the required effluent quality. In the 13 months of data tabulated for Wymberly Sanitary Works, there were no effluent limit violations.

TABLE 3

WYMBERLY SANITARY WORKS COMPARABLE DMR DATA

	EFFLUENT					AVERAGE					WEEKLY AVERAGE				
	DO Min (mg/L)	pH Min (std. units)	pH Max (std. units)	Flow Average (mgd)	Flow Monthly Total (mil gal)	BOD (mg/L)	TSS (mg/L)	NH3-N Summer (mg/L)	NH3-N Winter (mg/L)	E-Coli Summer (CFU)	BOD (mg/L)	TSS (mg/L)	NH3-N Summer (mg/L)	NH3-N Winter (mg/L)	E-Coli Daily Max Summer (CFU)
Permit	> 6	> 6	< 9			< 25	< 30	< 1.3	< 1.9	< 125	< 40	< 45	< 1.9	< 2.9	< 235
Jul-11	6.3	7.5	7.8	0.090	2.777	5.7	2.0	0.09		1.0	9.7	3.0	0.10		1.0
Aug-11	6.4	7.6	7.7	0.093	2.898	4.0	2.0	0.10		1.0	6.0	3.0	0.10		21.0
Sep-11	6.5	7.5	7.7	0.096	2.875	2.9	3.4	0.09		2.0	4.0	4.3	0.12		8.0
Oct-11	6.6	7.4	7.6	0.094	2.905	3.6	3.8	0.21		3.0	4.3		0.29		44.0
Nov-11	7.3	7.1	7.6	0.128	3.835	2.5	2.5		0.21		3.2	3.0		0.50	
Dec-11	6.9	7.3	7.5	0.154	4.779	2.1	2.3		0.25		2.3	3.5		0.50	
Jan-12	8.6	7.3	7.6	0.138	4.265	2.0	2.2		0.28		2.0	2.7		0.39	
Feb-12	9.1	7.3	7.5	0.115	3.336	2.2	2.2		0.26		2.5	2.9		0.29	
Mar-12	7.7	7.1	7.5	0.128	3.964	3.0	2.3		0.23		3.8	2.7		0.44	
Apr-12	6.1	7.4	8.1	0.100	2.991	4.2	2.4		0.75	1.0	9.1	3.3		1.86	4.0
May-12	7.3	7.0	7.6	0.112	3.460	4.8	5.0	0.21		1.0	6.1	11.2	0.35		31.0
Jun-12	6.8	7.0	7.2	0.091	2.741	5.9	3.1	0.15		2.0	7.5	4.0	0.18		4.0
Jul-12	6.4	7.1	7.3	0.087	2.698	2.4	2.3	0.16		1.0	2.8	2.6	0.20		2.0

Note: Highlighted cells show permit excursions.

The IDEM Virtual File Cabinet was consulted for IDEM inspections or letters of violation. One such letter was sent in 2012. The October 18, 2012 letter from IDEM noted three concerns. First, there was a concern over the method of sample compositing. Second, IDEM noted the effluent flow meter had not been calibrated in the past year, as required by the NPDES permit. Third, IDEM pointed out the recent effluent limit violations. A reply letter was sent on November 13, 2012, by the operator (American Water–Contract Services Group). The response noted that the composite sampling concern was a nonissue since IDEM had modified the permit to allow grab sampling. The effluent flow meter was subsequently calibrated to address the second concern. The third concern was identified as a consequence of the batch treatment approach or from something dumped into the WWTP from the ongoing home construction.

RECOMMENDATIONS

The intent of this review was not to identify needs for the facility; however, several recommendations were identified as a result of the study. These recommendations are listed in Table 4.

Recommendation	Benefit
Add handrail around the top and west edge of the outfall cascade.	Improve safety.
Add stairs to access plant walkways in lieu of cast-in-place manhole steps.	Improve access.
Confirm grating is on the UV structure for compliance with OSHA fall protection. Add grating or handrail if missing.	Improve safety.
Install fine bubble diffusers in lieu of coarse bubble diffusers (check blower and air filtration impacts first).	Improve oxygen transfer and overall efficiency and enhance permit compliance. Not an immediate concern.
Improve outfall cascade to transfer more oxygen at low flows.	Enhance permit compliance.
Carefully monitor influent concentrations since they are above design concentrations. Design BOD is 240 mg/L, actual has been 316 mg/L. Design NH3-N is 25 mg/L, actual has been 41 mg/L.	As WWTP approaches design flows, the plant may run out of oxygen transfer/treatment capacity. Not an immediate concern.
Consider adding ability to take either aeration tank out of service.	May allow better match of tankage to capacity needed as flows increase.
Confirm permits are in place for the proper disposal of sludge.	Confirm compliance with regulations.

Table 4 Recommendations

APPENDIX A
PHOTOS FROM SITE VISIT



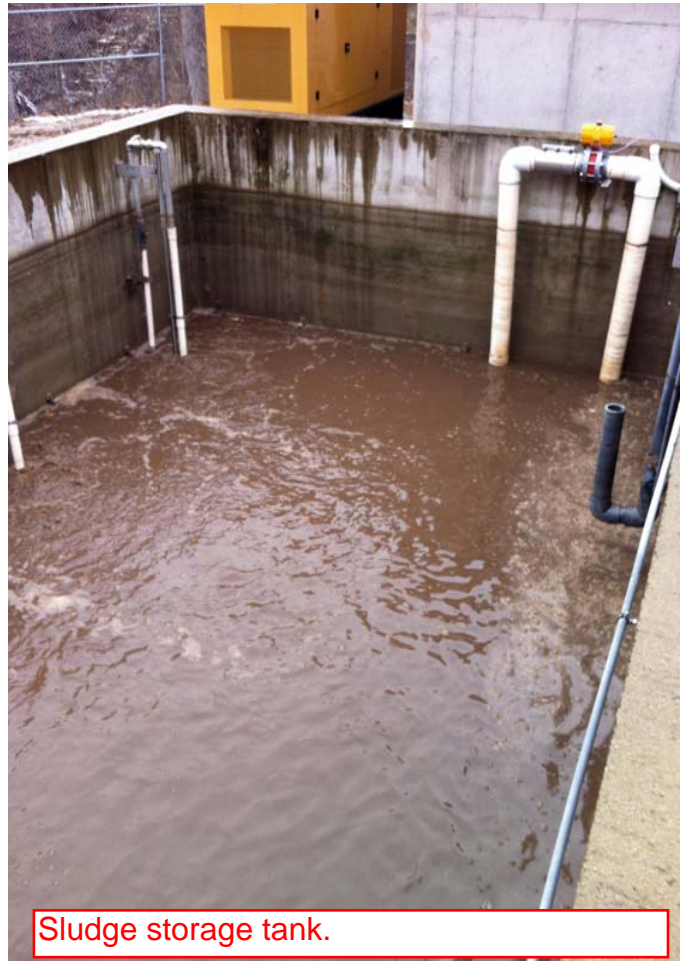
Site access with perimeter fence.



First stage aeration tank.



First stage aeration tank.



Sludge storage tank.



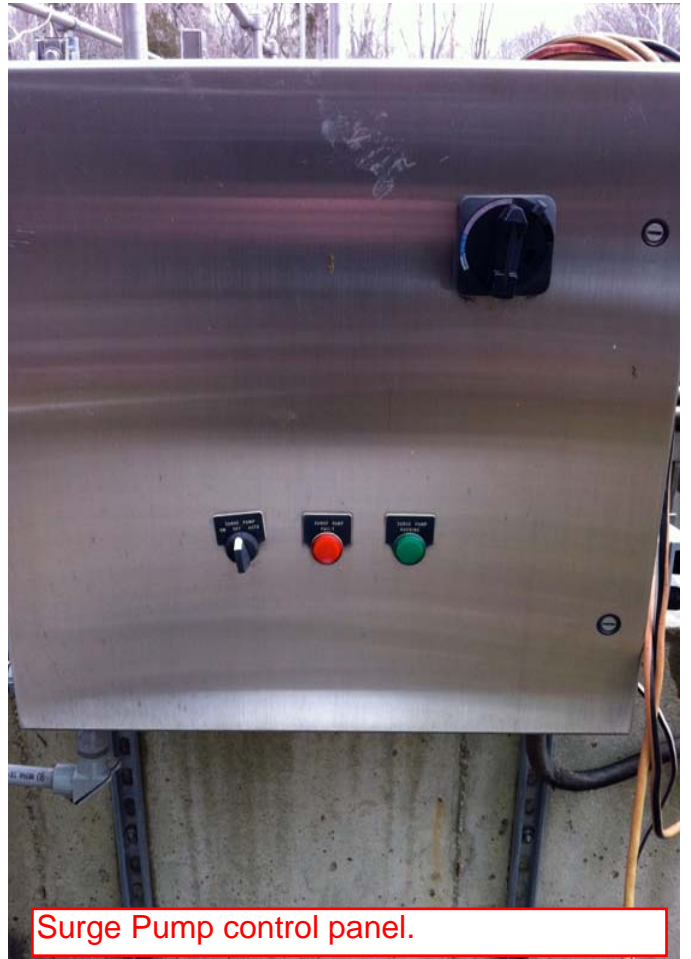
Manhole steps to access tank walkways.



Manual bar screen and selector tank.



Manual Bar Screen Box with alarm float.



Surge Pump control panel.



Precast Influent flow meter vault.



Ultraviolet Disinfection Structure.



Ultraviolet disinfection Control Panel.



Fiberglass Parshall Flume structure.



Effluent flow meter totalizer.



Outfall Cascade.



Outfall Cascade.



Control/Blower Building.



Second stage aeration tank (out of service).



PVC air pipes that have been replaced.



Pneumatic Air Lift controller



Tank walkway.



Clarifier (out of service).



Surge tank (out of service).



First stage aeration tank.



Clarifier (recent batch discharge).



Surge tank (out of service).



Clarifier (out of service).



Plant influent pump station.



Plant influent pump station.



Plant influent pump station.



Plant influent pump station.



Control/Blower Building & fixed generator.



Control/Blower Building access doors.



Generator Disconnect.



Blower 1.



Blower 1 and Blower 2.



Generator Control Panel.



Generator Control Panel.



Power transformer.



Transformer disconnect.



Blower piping and valves.



Main Plant Control Panel.



Blower VFDs and Wiring chase.



Blower 1 gauges when operating.



Flow control stop gates.



Air compressors for pneumatic controls.



UV disinfection modules stored for winter.



Air Compressor Control Panel.



Alarm Reset Panel.



Air Compressor dryer system.



Blower Variable Frequency Drive (VFD).



Blower VFD close up.



Blower 1 run time meter.



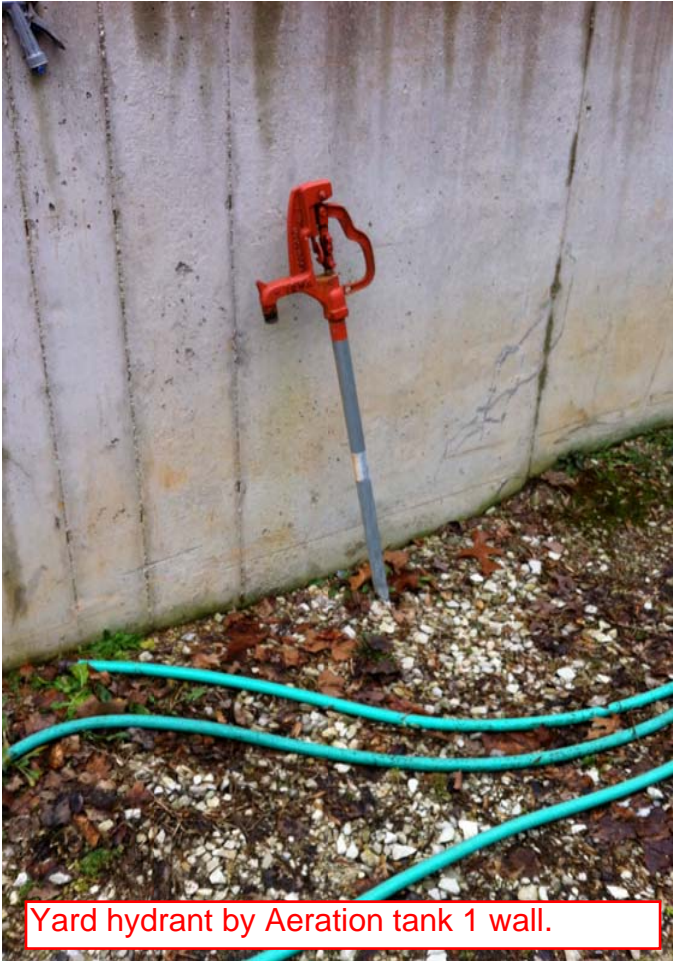
Blower 2 run time meter.



Pipe and conduit exit from building.



Control building doors, ceiling, lights.

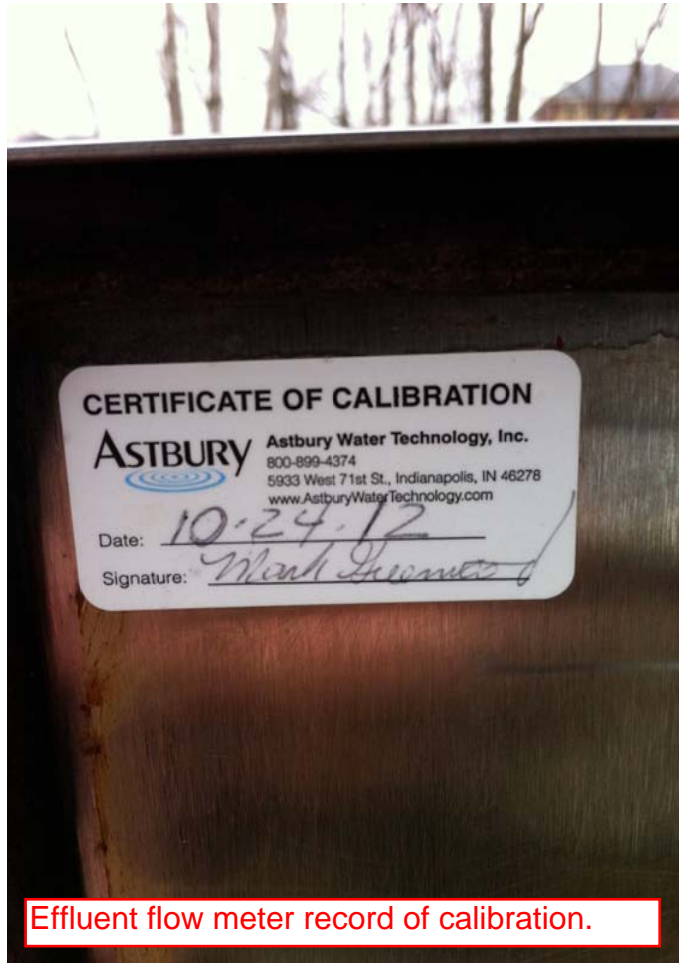


Yard hydrant by Aeration tank 1 wall.





Effluent Parshall Flume and meter.



Effluent flow meter record of calibration.

MAS
1/16/13

WWTP GENERAL

Name: Heritage Springs

NPDES Number IN 0062553

Yes No N/A

- FIRM 18043 C0102E*
- 1. Are all structures, electrical and mechanical equipment protected from physical damage by the 100 year flood? (51.2)
 - 2. Is the treatment works operational and accessible during the 25 year flood? (51.2) *Yes*
100yr Flood Jersey Cr = 714 & WWTP is at 760+
 - 3. Are bottom corners of the channels fileted? (53.5) *EQ + Clarifiers*
 - 4. Are conduits designed to avoid creation of pockets or corners where solids can accumulate? (53.5)
 - 5. Are flow division control facilities:
 - a. Provided to insure organic and hydraulic loading control to plant process units? (53.7) *Single Plant*
 - b. Designed for easy operator access, change, observation and maintenance? (53.7)
 - c. Designed with appropriate flow measurement facilities incorporated? (53.7) *Influent & Effluent*
 - 6. Are properly located bypass structures or piping provided so that each unit of the plant can be removed from service independently? (54.21)
Except for Clarifiers - yes
 - 7. Is maintenance of operation during construction addressed in the specifications? (54.22)
 - 8. Are drains or sumps provided to completely dewater each unit to an appropriate place in the process? (54.3)
Check Plans (Only For Digester Tanks)
 - 9. Are hydrostatic pressure relief valves provided? (54.3) *Check Plans - No*
 - 10. Are pipes subject to plugging provided with means of mechanical cleaning or flushing? (54.3) *Easily Accessed.*
 - 11. Has a complete outfit of tools, accessories and spare parts been provided? (54.6)

- | <u>Yes</u> | <u>No</u> | <u>N/A</u> | |
|-------------------------------------|-------------------------------------|-------------------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 12. Has readily accessible storage space and workbench facilities been provided? (54.6) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 13. Has effective site erosion control been provided during construction? (54.7) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 14. Has final grading, seeding or sodding been included in the specifications? (54.8) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 15. Is surface water diverted away from all process units, especially trickling filter beds, sludge beds and intermittent sand filters? (54.8) |
| | | | 16. The outfall sewer: |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | a. Has been protected from the effects of floodwater or ice? (55.2) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | b. Has been provided with a manhole at the shore end? (55.2) <i>Headwall</i> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | c. Has been designed to be safe for navigation? (55.2) <i>Edge of bank</i> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | d. Does allow for a sample of the effluent to be taken after the last treatment process and before discharge to the receiving waters? (55.3) <i>AT CASCADE</i> |
| | | | 17. Which alternative source of power has been provided? (56.11) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | a. 2 separate power lines from 2 independent substations. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | b. Portable engine driven generator. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | c. In-place engine driven generator. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | d. Portable pumping equipment when only emergency pumping is required. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 18. If plant has a history of power outages over 4 hours is auxiliary power provided for aeration? (56.12) <i>Generator</i> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 19. Has an adequate supply of potable water been provided? (56.21) Plans |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 20. Is a backflow preventor provided to protect the potable water supply? (56.21, DOW) <i>Check Plans</i>
<i>Assume No since could not locate on Plans.</i> |

Yes No N/A

 21. If potable water is used for any purpose other than the following, then is a break tank provided: (56.22)

1. Lavatory
2. Water closet
3. Laboratory sink
4. Shower
5. Drinking fountain
6. Eyewash fountain or
7. Safety shower

None

 22. If a nonpotable water supply is provided, do all system outlets have a permanent sign indicating the water is not safe for drinking? (56.23)

 23. Are all floor surfaces sloped to a point of drainage? (56.4)

 24. Are stairways provided for access to units requiring routine inspection and maintenance; i.e., digesters, trickling filters, aeration tanks, clarifiers, tertiary filters, etc.? (56.5) *MANHOLE STEPS*

 25. If spiral or winding stairs are used, is a stairway provided as the primary means of egress? (56.5)

26. For all stairways:

 a. Are stairway slopes between 30° and 40° from the horizontal? (56.5)

 b. Are the tread and riser a uniform dimension in each flight? (56.5)

 c. Is the minimum tread run greater than 9 inches? (56.5)

 d. Is the riser 8 or 9 inches tall? (56.5)

 e. Is the maximum continuous rise without a platform for each flight of stairs less than 12 feet? (56.5)

27. Are flow measurement facilities provided for the following flows? (56.61)

 a. Plant influent. *MAG METER*

 b. Plant effluent, if significantly different from influent; i.e., plants with flow equalization, lagoons or excess flow storage.

FLUME

- | <u>Yes</u> | <u>No</u> | <u>N/A</u> | |
|-------------------------------------|-------------------------------------|-------------------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | c. Excess flow treatment facility discharge. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | d. Return activated sludge. <i>Air lift, Adjustable</i> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | e. Waste activated sludge. <i>Air Lift, Adjustable, Timers</i> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | f. Recirculation. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | g. Recycle required for plant operational control. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 28. If this is a mechanical plant, are indicating, totalizing and recording flow measurement devices provided? (56.62) <i>effluent, per permit</i> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 29. If this is a lagoon system, is a calibrated weir flow measuring system, or elapsed time meter provided on pumps with pumping rate tests provided? (56.62) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 30. Is the flow measuring equipment sized to function effectively over the full range of flows expected? (56.62) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 31. Is the flow measurement equipment including entrance and discharge conduit configuration and critical control elevations designed to provide the hydraulic condition necessary for accurate measurement? (56.63) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 32. Is the flow measuring equipment protected from freezing? (56.62) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 33. If this is a mechanical plant with a design flow of at least 0.1 MGD, is a composite sampler provided for the influent and the effluent (required to verify 85% reduction in municipals)? (56.7) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 34. Is the plant site enclosed with a fence designed to discourage the entrance of unauthorized persons and animals? (57.1a) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 35. Are signs provided to discourage the entrance of unauthorized persons to the plant site? (57.1a) |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 36. Are handrails and guards provided for all tanks, trenches, pits, stairwells, and other hazardous structures with the tops of walls less than 42 inches above the surrounding ground level? (57.1b)
<i>All but CASCADE</i> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 37. Are gratings provided over appropriate areas where access for maintenance is required? (57.1c) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 38. Is first aid equipment provided? (57.1d) <i>DID NOT SEE ANY,</i> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 39. Are no smoking signs provided in hazardous areas? (57.1e) |

Yes No N/A

40.

DID NOT SEE ANY - NOT SUBJECT OF REVIEW
Is the following protective clothing and equipment provided? (57.1f)

- | | | | | |
|--------------------------|--------------------------|--------------------------|----|---|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | a. | Self contained breathing apparatus, recommended for protection against chlorine, with a 30 minute capacity, compatible with local fire department equipment. (57.1f, 57.27, 102.56) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | b. | Gas detection equipment certified for use in Class I, Group D, Division 1 locations. (57.1i) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | c. | Chemical workers goggles or other suitable goggles. (57.27b) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | d. | Rubber gloves, aprons with leg straps, boots. (57.27e, f, g) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | e. | Safety harness and line. (57.27h) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | f. | Portable blower and sufficient hose. (57.1g) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | g. | Portable lighting equipment complying with NEC Requirements. (57.1h) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | h. | Hard hats. (57.1f) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | i. | Dust mask to protect the lungs in dry chemical areas. (57.27d) |

41.

DID NOT SEE ANY - NOT SUBJECT OF REVIEW
Are warning signs for the following areas provided? (57.1j)

- | | | | | |
|--------------------------|--------------------------|--------------------------|----|---|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | a. | Slippery areas. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | b. | Low head clearance. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | c. | Open service manholes. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | d. | Hazardous chemical storage areas. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | e. | Flammable fuel storage areas. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | f. | Requiring the use of goggles near chemical stations, pump or other points of frequent hazard. (57.28) |

42. Are provisions made for local lockout on motor controls? (57.1L)

Note: "Lockout" means the ability to disable a circuit for a device by padlocking the switch in the off position. "Local" indicates this is to be near the location of the device.

43. Are provisions made for confined space entry in accordance with OSHA? (57.1m)

NOT SUBJECT OF REVIEW

- | <u>Yes</u> | <u>No</u> | <u>N/A</u> | |
|--------------------------|--------------------------|-------------------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 44. Have the materials utilized for storage, piping, valves, pumping, metering and splash guards been selected considering the characteristics of the hazardous chemical used? (57.21)
<i>NONE</i> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 45. If underground storage tanks are proposed, do they meet applicable requirements? (57.22) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 46. Are the chemical (including liquid polymer) storage areas enclosed in dikes or curbs which will contain the stored volume until it can be transferred to alternate storage or released to the wastewater at allowable rates? (57.23) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 47. Is a system provided to automatically shutdown pumps and to sound an alarm when a failure occurs in a pressurized chemical discharge line? (57.28) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 48. Are splash guards provided for all pumps or feeders of hazardous or corrosive chemicals which will prevent the spray of chemicals into space occupied by personnel? (57.25) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 49. Is all piping containing or transporting corrosive or hazardous chemicals identified with labels every 10 feet with at least two labels in each room, closet or pipechase? (57.26) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 50. Do all connections except those adjacent to storage or feeder areas have guards which will direct leakage away from space occupied by personnel? (57.26) |
| | | | 51. Is dust collection equipment provided: |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | a. To protect personnel from dust injurious to the lungs or skin? (57.29) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | b. To prevent polymer dust from settling on walkways? (57.29) |
| | | | 52. For facilities which use liquified gas chemicals: |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | a. Are properly designed isolated areas provided for storage and handling of chlorine, sulfur dioxide and other hazardous gases. (57.24) |
| | | | b. Have the following gas detection items been provided? (57.24) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 1. Kits |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 2. Alarms |

Yes No N/A

3. Controls

4. Safety devices

c. Are emergency repair kits provided? (57.24)

53. Does the identification and hazard warning data included on shipping containers, when received, appear on all containers used to store or carry a hazardous substance? (57.3)

54. Are safety showers and eyewash fountains no more than 25 feet from points of hazardous chemical exposure? (57.382)

55. Are eyewash fountains supplied with water between 50° and 90°F suitable to provide 15 to 30 minutes of continuous irrigation of the eyes? (58.382)

56. Are emergency showers capable of discharging 30-50 GPM at 50° and 90°F and at pressure of 20 to 50 psi? (58.382)

57. Is a plant hydraulic profile provided for the minimum, design average and peak flows? (20.43d) *Check Plans*

58. Does the hydraulic profile include the high and low water level of the receiving water? (20.43b) *Sheet W-15 has profile, No indication of what flows used. Check Plans used.*

59. Are onsite sludge dewatering facilities provided? (88.1) *No, Plant is well above creek though.*

60. If no grit removal facilities are proposed, has consideration been given to the possible damaging effects on pumps, comminutors, etc. and the need for additional storage capacity in treatment units where grit is likely to accumulate? (63.1) *AIR LIFTS*

MAS
1/16/13

SCREENING/GRINDING

Name: Heritage Springs

NPDES Number IN0062553

1. **Screening Devices:**

A. Coarse Screens: **Required on all POTW's**

Type: Manual X; Mechanical _____

Number of screens: 1

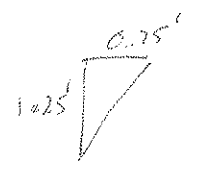
Opening width: 5/8" inches

Slope of bars: ~ 30 degrees

Velocity at average design flow: _____ fps

Velocity at maximum flow: _____ fps

Distance between channel invert and invert of incoming sewer: N/A inches
Force main not sewer



Yes No N/A

1. Is the opening width between the bars no less than one inch, but no greater than 1 3/4 inches for manually cleaned screens? The openings may be smaller for mechanically cleaned screens. (61.121) 5/8"

2. Is the slope of the manually cleaned bar screen between 30 and 45 degrees from the horizontal? (61.122)

3. At average design flow conditions, are the approach velocities between 1.25 and 3.0 feet per second (fps)? (61.122) N/A, Force Main

4. Have dual channels been provided and equipped with the necessary gates to isolate flow from any screening unit? (61.123)

5. Can the channels be dewatered for cleaning? (61.123)

6. Has the channel preceding and following the screen been shaped to eliminate stranding and settling of solids? (61.123)

7. Has an auxiliary manually cleaned screen been provided where a

- | <u>Yes</u> | <u>No</u> | <u>N/A</u> | |
|-------------------------------------|-------------------------------------|-------------------------------------|---|
| | | | single mechanically cleaned screen is used? (61.124) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 8. When two or more mechanically cleaned screens are used, can the design peak instantaneous flow be handled with one unit out of service? (61.124) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 9. Is the screen channel between 3 and 6 inches below the invert of the incoming sewer? (61.125) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 10. Is the entrance channel designed to provide for equal and uniform distribution of flow to the screens? (61.126) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 11. Has a flow measurement device been located in the channel preceding the bar screen? (61.127) <i>FM on FM</i> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 12. If so, will the changes in backwater elevation, due to cleaning the bar screen, effect the accuracy of the flow measurement device? (61.127) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 13. Has the screening device and screening storage area been protected from freezing? (61.128) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 14. Has a convenient and adequate means of removing screenings been provided? (61.129) <i>MANUAL RAKE</i> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 15. Is an accessible platform provided for the operator to rake screenings from the manually cleaned screen? (61.129) <i>OK</i> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 16. Has a drain been provided for both the platform and the storage area? (61.129) |
| | | | 17. If the screening devices are located in an enclosed area, have the following provisions for access, ventilation, shields, safety and electrical equipment been satisfied? (61.13) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | a. Stairways for access to pits greater than 4 feet deep. Access ladders are acceptable for pits less than 4 feet deep. (61.13) |
| | | | b. If installed in building with other uses: |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 1. Isolated from the rest of the building. (61.13) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 2. Separate outside entrance. (61.13) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 3. Separate and independent fresh air supply. (61.13) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | c. Fresh air is forced into enclosed screening device area or into |

- | <u>Yes</u> | <u>No</u> | <u>N/A</u> | |
|--------------------------|--------------------------|-------------------------------------|--|
| | | | open pits more than 4 feet deep. (61.13) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | d. Air supplied at rate of 12 complete air changes per hour for continuous ventilation. (61.13) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | e. Air supplied at a rate of 30 complete air changes per hour for intermittent ventilation when workers enter the area. (61.13) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | f. The switches for operation of ventilation equipment are conveniently located and marked. (61.13) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | g. The intermittently operated ventilation equipment is interconnected with the pit lighting system. (61.13) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | h. The fan material is made from non-sparking material. (61.13) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | i. Gas detectors are provided. (61.13) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 18. Are guard railings and deck gratings provided for both manually and mechanically cleaned screens? (61.141) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 19. Have adequate removable enclosures which protect personnel from accidental contact been provided on mechanically cleaned screens? (61.142) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 20. Has a positive means of locking out each mechanical device for maintenance been provided? (61.142) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 21. Do all mechanical units which are operated by a timing device also include auxiliary controls which will set the cleaning unit in operation at a preset high water elevation? (61.151) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 22. Are warning devices provided to alert personnel when the cleaning unit fails to lower the high water? (61.151) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 23. In screening areas where hazardous gases may accumulate, do the electrical fixtures meet the requirements of the National Electrical Code for Class 1, Group D, Division 1 locations? (61.152) |

B. Fine Screens: Not Required, But May Be Installed After The Coarse Screen

N/A

Type:

- Inclined static screen
 Rotary drum screen
 Rotary disk screen

Yes No N/A
Number of Screens: _____

N/A

Opening Width: _____

Hydraulic Capacity: _____ gal/ft². min.

% BOD₅ Removal: _____ %

% Suspended Solids Removal: _____ %

Yes No N/A

- | | | | |
|--------------------------|--------------------------|-------------------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 1. Are the openings approximately 1/16 inch? (61.21) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 2. If the design projects removals of a portion of the influent BOD ₅ and suspended solids, has the engineer provided test results which support the anticipated removal percentages? (61.22) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 3. Have additional provisions been made for removal of floatable oils and grease? (61.21) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 4. Is a minimum of two fine screens provided, each unit being capable of independent operation? (61.22) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 5. Is each unit designed to treat the design peak instantaneous flow with one unit out of service? (61.22) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 6. Is a course bar screening device provided upstream of the fine screen? (61.22) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 7. Are the fine screens protected from freezing and located to facilitate maintenance? (61.22) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 8. For those screening areas where hazardous gases may accumulate, do the electrical fixtures and controls meet the requirements of the National Electrical Code for Class I, Group D, Division 1 locations? (61.23) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 9. Has hosing equipment been provided to facilitate cleaning? (61.24) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 10. Are the captured solids collected and disposed of separately from the other solids? Separate grinding of screenings and return to the sewage flow is unacceptable. (61.129) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 11. Can the units be isolated and removed for service? (61.123) |

N/A

2. **Comminutors:** Not Required But May Be Used In Place Of Screening Devices Where Stringy Substance Accumulation On Downstream Equipment Will Not Be A Substantial Problem. (62.2)

Type: _____

Design Peak Hourly Flow: _____ gph

Number of Units: _____

Yes No N/A

- 1. Is the comminator located downstream of the grit removal equipment or has a 6 inch deep gravel trap been provided upstream of the comminator? (62.31)
- 2. Has the comminator been sized to handle the design peak hourly flow? (62.32)
- 3. Is a screened bypass channel provided? (62.33)
- 4. Is the bypass channel designed to allow for automatic use for all comminator failures? (62.33)
- 5. Are adequate gates provided to allow for bypass of the comminator during periods of cleaning and maintenance? (62.33)
- 6. If the comminator chambers is located in an enclosed area, have the following provisions for access, ventilation, shields, safety and electrical equipment been satisfied: (61.13)
 - a. Stairways for access to pits greater than 4 feet deep. Access ladders are acceptable for pits less than 4 feet deep. (61.13)
 - b. If installed in building with other uses:
 - 1. Isolated from the rest of the building. (61.13)
 - 2. Separate outside entrance. (61.13)
 - 3. Separate and independent fresh air supply. (61.13)
 - c. Fresh air is forced into enclosed screening device area or into open pits more than 4 feet deep. (61.13)
 - d. Air supplied at rate of 12 complete air changes per hour for

- | <u>Yes</u> | <u>No</u> | <u>N/A</u> | |
|--------------------------|--------------------------|-------------------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | continuous ventilation. (61.13) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | e. Air supplied at a rate of 30 complete air changes per hour for intermittent ventilation when workers enter the area. (61.13) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | f. The switches for operation of ventilation equipment are conveniently located and marked. (61.13) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | g. The intermittently operated ventilation equipment is interconnected with the pit lighting system. (61.13) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | h. The fan material is made from non-sparking material. (61.13) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | i. Gas detectors are provided. (61.13) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 7. Are guard railings and deck gratings provided? (61.141) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 8. Have adequate removable enclosures which protect personnel from accidental contact been provided? (61.142) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 9. Has a positive means of locking out each mechanical device for maintenance been provided? (61.142) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 10. Do all mechanical units which are operated by a timing device also include auxiliary controls which will set the cleaning unit in operation at a preset high water elevation? (61.151) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 11. Are warning devices provided to alert personnel when the cleaning unit fails to lower the high water? (61.151) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 12. In areas where hazardous gases may accumulate, do the electrical fixtures meet the requirements of the National Electrical Code for Class 1, Group D, Division 1 locations? (61.152) |

3. **Flow Equalization** - YES

General: Use of flow equalization should be considered where significant variation in organic and hydraulic loadings can be expected. (65.1)

Type of flow equalization:

Example: in-line

off line basin - Future Clarification

Location of flow equalization basin: OFF ANOXIC ZONE, AFTER SCREENING
 Equalization basin should be located down stream of pretreatment facilities such as bar screen, comminutors, and grit chambers. (65.4)

Size of flow equalization basin 12,500 gallons. The equalization basin should have sufficient capacity to effectively reduce expected flow and load variations. (65.4)

10 x 12 x 14' SWD

check plans

A. Operation:

Yes No N/A

- | | | | |
|-------------------------------------|-------------------------------------|--------------------------|---|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 1. Has aeration or mixing equipment been provided to maintain adequate mixing? (65.51) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2. Have corner fillets and hopper bottoms with draw-offs been provided to allow sludge removal? (65.51) |

B. Aeration:

- | | | | |
|--------------------------|--------------------------|-------------------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 1. Has aeration equipment been provided to maintain a minimum of 1.0 mg/l of dissolved oxygen in the mixed basin contents at all times? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 2. Is the air supply rate a minimum of 1.25 cfm/1000 gallons of storage capacity? (65.52) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 3. Is this air supply isolated from other treatment plant aeration requirements? (65.52) |

C. Controls:

- | | | | |
|--------------------------|-------------------------------------|--------------------------|--|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 1. Have inlets and outlets for all basin compartments been equipped with accessible external valves, stop plates, weirs, or other devices to permit flow control and removal of the unit from service? (65.53) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Have flow level measuring and flow level indicators equipment been provided? (65.53) <u>FILLS BY OVERFLOW</u> |

D. Electrical:

- | | | | |
|--------------------------|--------------------------|-------------------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 1. Does all electrical work housed in the equalization basins meet the requirements of the National Electrical Code for Class I, Group D, Division I locations? (65.6) <u>JUST A PUMP</u> |
|--------------------------|--------------------------|-------------------------------------|---|

E. Access:

- | | | | |
|-------------------------------------|--------------------------|--------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1. Has suitable access been provided to facilitate cleaning and the maintenance of equipment? (65.7) <u>ACCESS FROM WALKWAY ABOVE.</u> |
|-------------------------------------|--------------------------|--------------------------|--|

ACTIVATED SLUDGE TYPE PROCESSES

~~MAS~~
1/16/13
1/25/13

Name: Heritage Springs

NPDES Number IN 00 62553

1. Process Type and Loading

A. Type of process:

- | | |
|--|---|
| <input type="checkbox"/> Conventional A.S. | <input checked="" type="checkbox"/> Extended Aeration |
| <input type="checkbox"/> Step Aeration | <input type="checkbox"/> Oxidation Ditch |
| <input type="checkbox"/> Complete Mix | <input type="checkbox"/> Single Stage |
| | Nitrification |
| <input type="checkbox"/> Contact Stabilization | <input type="checkbox"/> Other (Specify) |

AT 1
 $17 \times 15 \times 14' \text{ SWD} = 3570 \text{ CF}$
AT 2
 $50 \times 14 \times 14' \text{ SWD} = 9800 \text{ CF}$
Σ = 13370 CF

B. Process Loading (Aeration Tank):

- Pounds of BOD₅ entering aeration tank/day = 200 ($240 \text{ mg/L} \times 0.1 \text{ mgd} \times 8.34$)
 - Organic Loading: 15 lbs. BOD₅/day/1000 cu. ft. OK
 - Total and volatile suspended solids concentrations in mixed liquor in aeration basin:
MLSS = 3000 (assume) mg/l; MLVSS = 65% to 75% of MLSS = 3000 mg/l
- (Note: MLSS may vary over a range from 1500 mg/l to 5000 mg/l, depending on recycle ratio)
- F/M Ratio = 0.08 lbs. BOD₅/day/lb. MLVSS
 - lb/day NH₃-N entering aeration tank = 21 ($25 \text{ mg/L} \times 0.1 \text{ mgd} \times 8.34$)
 - Diurnal BOD₅ load ratio ____: ____ Assume 1:5 to 1

C. Design Considerations:

Yes No N/A

- | | | | |
|-------------------------------------|--------------------------|--------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1. Independent check of design calculations? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2. Does the design of the aeration tanks meet the permissible loadings shown in the table on page 90-7 of Ten States Standards? (92.31) |

9. Has a freeboard of not less than 18 inches been provided? (92.323)
10. If a mechanical surface aerator is used, has a freeboard at least 3 feet been provided? (92.323)
11. Is a suitable drain provided for emptying the content of each tank by gravity? *MUST BE PUMPED OUT*

3. Oxygen and Air Requirements

Oxygen requirements need to be sufficient for main aeration tank biological treatment processes, aerobic digestion in a separate sludge tank, and effluent post aeration. Other air requirements may need to be met, including air for aerated grit channels, airlift pumps, etc.

Use 1.1 lbs O₂/lb design peak hourly BOD₅ for all activated sludge processes except extended aeration. (92.331)

Use 1.5 lbs O₂/lb design peak hourly BOD₅ for extended aeration plants (includes oxidation ditches). (92.331)

Use 4.6 lbs O₂/lb design peak hourly TKN for all activated sludge processes. (92.331)

A. Calculate lbs O₂ required for aeration tank treatment:

$$\text{lbs O}_2 \text{ required/day} = 1.1 \text{ or } 1.5 \text{ (lbs BOD}_5\text{/day entering)} \underline{\hspace{2cm}} + 4.6 \text{ (lbs TKN/day entering)} \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \text{ lb O}_2\text{/day}$$

Assume 35 mg/L
434 lb O₂/d per calcs

B. Note: the above calculation is for the aeration basin oxygen requirement only. The overall plant oxygen/air requirement may be greater (see item #5 below).

4. Diffused Air System (if applicable)

Blowers capacities should be determined on the basis of the air requirement calculated per 3.A. above (using the method outlined in Ten States Standards, Section 92.332), plus any additional capacity required for other air use demands (airlifts, aerobic digesters, aerated grit channels, post aeration, etc. as applicable). (92.332c)

Separate Calculations

<i>Process air</i>	<i>= 339 scfm</i>	<i>(BOD + TKN, no denite)</i>
<i>Digester Mixing</i>	<i>= 134 scfm</i>	<i>(based on 20 scfm/1000lb)</i>
<i>Channel Mixing</i>	<i>= 45 scfm</i>	<i>(based on 20 scfm/1000lb)</i>
<i>Air Lift Pumps</i>	<i>= 40 scfm</i>	<i>estimate</i>
	<i>558 scfm</i>	

If T = 100°, RH = 36% P = 6.10 psi 558 scfm = 633 icfm

Blowers are 590 icfm close

The following formulas may be used:

Vol. of air (in CFM) = _____

*Separate
Calculations*

$$\frac{(\text{lbs of O}_2 \text{ from 3.A. above required/day}) (\text{Air temp. in } ^\circ\text{R})}{899.7 [(\text{Atmos. Press, Psia}) - (\text{Rel. Humid Fraction})(\text{Sat. Vapor Press, psia})]g}$$

Where $g = \text{O}_2$ transfer efficiency fraction, use $g = 0.20$ for typical diffusers.

Use $t = 80^\circ\text{F}$ ($T = 540^\circ\text{R}$); Rel. Humidity = 60% = 0.6; Sat. Vapor Pressure = 0.512 psia at 80°F

Then use the AOR/SOR conversion formula if applicable.

Use at least two blowers, each having this calculated capacity, or provide this air delivery rate with the largest blower out of service.

- A. Calculated air rate needed _____ CFM
- B. Actual air supply rate provided _____ CFM air/1000 cu. ft. tank water volume.
- C. Actual air supply rate provided _____ $\text{ft}^3/\#\text{BOD}_5$

Yes No N/A

- | | | | | |
|-------------------------------------|-------------------------------------|--------------------------|----|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1. | Can the amount of air or oxygen be varied (either instantaneously or by on/off timer settings)? (92.332e) <i>TIMER + VFD</i> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2. | Can the diffusers be readily cleaned? <i>REMOVED FOR CLEANING</i> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3. | Are duplicate (or multiple) blowers/ compressors provided, and can the plant oxygen demand be met with the largest blower out of service? (92.332e) <i>2 Blowers</i> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. | Do the specifications call for the aeration system performance to be tested (by the contractor) before acceptance (by the owner/engineer)? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 5. | Is at least 1500 cu. ft. of air provided per pound of BOD_5 for all activated sludge processes, except extended aeration? 2050 cu. ft. per pound BOD_5 shall be provided for the extended aeration process. (92.332b) $\frac{(200 \text{ lb/d})}{(1440 \text{ min/d})} \cdot 2050 \text{ CF} = 285 \text{ CFM OK}$ |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 6. | Is the diffuser system capable of providing for 200 percent of the designed average day oxygen demand? (92.332f) <i>UNKNOWN</i> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 7. | Are the diffusers equally spaced through the total length of the tank? (92.332f) |

- | <u>Yes</u> | <u>No</u> | <u>N/A</u> | |
|-------------------------------------|-------------------------------------|-------------------------------------|--|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 8. Can the spacing of the diffusers be adjusted without major revisions to the air header piping? (92.332f) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 9. For plants employing less than four independent aeration tanks, does the design incorporate removable diffusers that can be serviced and/or replaced without dewatering tank? (92.332f) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 10. Is each diffuser equipped with a control valve for throttling or complete shutoff? (92.332g) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 11. Are air filters provided to furnish at all times an air supply sufficiently free from dust? (92.332h) <i>COARSE BUBBLE DIFFUSERS</i> |

5. **Mechanical Aerator(s), (if applicable)** *N/A*

A. The engineer or manufacturer must provide the performance rating of the particular mechanical aerator if such figure is not contained in the specifications. The rating should be given in (or converted to) units of lbs. of O₂ per horsepower per hour. (Typical performance is from 1.5 to 3.5 lb O₂/hp/hr. If design information is not provided, a transfer rate of 2 lb. O₂/hp/hr shall be used. (92.333a)

Given performance rating _____ (lb O₂/hp/hr).

B. Aerator horsepower required

= lbs. O₂ required/day (from 3A, above)
 (lb O₂/hp/hr) (24 hr/day) from 5A above; need to
 convert to field transfer rate if only standard
 transfer rate is given (by using AOR/SOR conversion
 formula).

= _____ + _____ hp

- | <u>Yes</u> | <u>No</u> | <u>N/A</u> | |
|--------------------------|--------------------------|-------------------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 1. Are design transfer efficiencies provided in the specifications? (92.333a) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 2. Is the mixing requirement met, i.e. is there sufficient horsepower per unit, volume of tank liquid to keep biological solids in suspension? (92.333b.2) |

- | <u>Yes</u> | <u>No</u> | <u>N/A</u> | |
|--------------------------|--------------------------|-------------------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 3. Are sufficient mechanical aerators provided to maintain process performance with the largest unit out of service? (92.333b.3) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 4. Have provisions been made (location, mounting method, lifting adds, etc.) for the removal of mechanical aerators for repairs/servicing? (93.333b.5) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 5. Are the mechanical aerators designed to be operable during extended cold weather? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 6. Do the specifications call for the aeration system performance to be tested (by the contractor) before acceptance (by the owner/engineer)? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 7. Can the amount of oxygen transferred be varied in proportion of load demand on the plant? (92.333b.4) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 8. Is a dissolved oxygen level of 2 mg/l maintained in the mixed liquor at all times throughout the tank or basin? (92.333b.1) |

6. Sludge Return and Sludge Wasting

- | <u>Yes</u> | <u>No</u> | <u>N/A</u> | |
|-------------------------------------|--------------------------|-------------------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1. Have the necessary design features been provided to allow the recycling of settled sludge from the secondary clarifier and also for the wasting (removal) of sludge from the plant? <i>MUST WASTE MIXED LIQUOR</i> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 2. Does the piping for pumped return sludge have a diameter of at least 4 inches? (Not to be confused with sludge withdrawal piping which must be 6" or 8"). (92.43) <i>Airlifts are 4" φ</i> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3. Is a pipe flow velocity of 2 ft/sec or more achieved? Velocity = ft/sec. (92.43) <i>2 f/s in 4" φ Requires 78 gpm RAS @ Reported Flow is 200 gpm each → OK</i> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 4. Are multiple and/or variable speed pumps provided for return (recycle) of sludge from the clarifier(s) to the aerator basin(s)? (92.42) <i>Adjustable Air Lift Pump</i> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 5. Can the maximum return sludge capacity be obtained with the largest pump out of service? (92.42) <i>Largest Air Lift Pump → OK</i> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 6. Is a positive head provided on the pump suction? (92.42) <i>AIR LIFT</i> |

7. Do the pumps and air lifts have at least 3 inches suction and discharge openings? (92.42)
Yes No N/A

8. Does the sludge return system provide for return sludge flow rates varying over the range identified in the table on page 90-13 of Ten States Standards (92.41)?

This range is: minimum 0 %; maximum 1730 % *200 gpm x 6*
Typ is 50-150% OK

9. To what locations are the return sludge stream and the waste sludge stream taken? (92.44)

Return sludge goes to ANOXIC ZONE

Waste sludge goes to DIGESTER FROM AERATION TANK
NOT FINAL CLARIFIER

10.

Is this shown in the plan drawings or details? (92.44)

11.

Has a means of measuring the sludge return and wasting rate been provided? (92.43)

Specify the Type:

Return _____

Waste _____

Adjust Air Flow to Control
Measure waste # by tank depth change OK

12.

Does the waste sludge control facilities have a capacity of at least 25 percent of the design average rate of wastewater flow? (92.44)

13.

Can the waste sludge control facilities function satisfactorily at rates of 50 percent of design average wastewater flow or a minimum of 10 gallons per minute, whichever is larger? (92.44) *OK to 200 gpm*

14.

For plant designed for average wastewater flows of 1 MGD or more, do the flow measuring devices totalize and record as well as indicate flows? (92.5)

15. Check pump capacities, TDH, force main velocities, etc. for return sludge pumps and waste sludge transfer pumps (if applicable). Complete attached sheet for each type of pump.

NA

FLOW MEASUREMENT

MAS
1/16/13

Name: Heritage Springs

NPDES Number IN 0062553

Flow Measurement Type: (Effluent)

	WEIR TYPE	SIZE
<input type="checkbox"/> Sharp Crested Weir	_____	_____
<input checked="" type="checkbox"/> Parshall Flume	_____	<u>3"</u>
<input type="checkbox"/> Other* *See Other Section	_____	_____

Minimum Anticipated Flow Rate 0.01 mgd

Maximum Anticipated Flow Rate 0.4 mgd

Yes No N/A

- 1. If Other, is the installation in accordance with manufacturer's installation recommendations?
- 2. Is the primary flow device located where it will measure only the plant influent or effluent and not include any recycle streams?

Sharp Crested Weir: Based on NPDES Compliance Sampling Inspection Manual

Yes No N/A

- 1. Does the flow to be measured have a low solids concentration, i.e., WWTP effluent?
- 2. Is the weir installed perpendicular to the axis of flow with no leakage at the sides or bottom?
- 3. Is the weir plate level and adjustable?
- 4. Is the thickness of the weir crest less than 1/10 inch?
- 5. Is the distance from the weir crest to the bottom of the approach channel at least 1 foot or 2 times the maximum weir head, whichever is greater?
- 6. Is the distance from the side of the weir to the side of the approach channel at least 1 foot or 2 times the maximum weir head, whichever is greater? This does not apply to suppressed weirs.
- 7. Can air circulate freely under and on both sides of the nappe?

- | <u>Yes</u> | <u>No</u> | <u>N/A</u> | |
|--------------------------|--------------------------|-------------------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 8. Is the cross sectional area of the approach channel at least 8 times the area of the nappe? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 9. Is the approach channel straight and uniform upstream of the weir, a distance of at least 15 times the maximum weir head? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 10. Is the measurement of head at least 4 times the maximum weir head upstream from the crest? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 11. Is the minimum weir head at least 0.2 feet? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 12. Is the weir length for a cippolletti, rectangular or suppressed weir at least 3 times the maximum weir head? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 13. Are the sides of a rectangular contracted weir vertical? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 14. Is the angle of the v-notch weir cut precisely? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 15. Can the weir accurately measure the anticipated flow variations? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 16. Is the maximum downstream pool level at least 0.2 ft. below the crest elevation? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 17. Is a reference staff gauge provided? |

Parshall Flume:

Based on NPDES Compliance Sampling Inspection Manual and Recommended Practice For The Use of Parshall Flumes

LAST CALIBRATED ON 10/24/12

- | | | | |
|-------------------------------------|--------------------------|-------------------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 1. Where the throat width is larger than 1/2 the width of the approach channel, is the straight upstream length of the approach channel 10 times the channel width? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2. Where the throat width is less than 1/2 the width of the approach channel, is the straight upstream length of the approach channel greater than 20 times the throat width? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 3. Are the throat section walls vertical? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 4. Is the measuring point upstream two-thirds (2/3) the length of the converging section sidewall? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 5. Is the flow evenly distributed across the channel, free of turbulence or waves and shall not be located after transition sections? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 6. Is the longitudinal and lateral axes of the converging crest floor level? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 7. Can the flume accurately measure the anticipated flow variations within free flow conditions? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 8. Is a reference staff gauge provided for H_a and H_b ? |

APPEARS SO

YES NO OK

Other Type of Flow Measuring Device:

Yes No N/A

- | | | | | |
|--------------------------|--------------------------|-------------------------------------|----|---|
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 1. | If a doppler or magnetic type of in pipe flow measuring device has been specified, does the manufacturer provide a means of calibrating the device? If so, see the weir or parshall flume sections. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 2. | If the manufacturer cannot offer a means of calibrating their flow meter, has some alternate means been proposed? This may be a parshall flume or some type of weir. |

AMS
1/16/13

ULTRAVIOLET DISINFECTION

Name: Heritage Springs

NPDES Number IN 0062553

Peak Hourly Flow Rate (PHFR) 0.4 MGD

PHFR x 40 lamps/MGD = 16 # of lamps needed (rule of thumb)

16 # of lamps provided

Transmittance _____% Typical 65%

YES NO N/A

- | | | | | |
|-------------------------------------|--------------------------|-------------------------------------|----|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1. | Is the design based on the peak hourly flow rate? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2. | Is the detention time between 5 and 15 seconds at the peak hourly flow rate? <u>± 5 sec at 0.4 mgd</u> |
| | | | 3. | If the transmittance is less than: |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | a. | 65% are additional lamps or is additional detention time provided? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | b. | 20% have other disinfection methods been considered, since UV may not be viable. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 4. | Is the effluent expected to be clear and colorless? |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 5. | If chemicals are proposed to be used in the treatment process (especially iron salts), is this information included in the specification? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 6. | Is the effluent expected to have less than 30 mg/l of suspended solids at all times? (Reliability Class 1 or 2) |

MAS
1/10/13

POST AERATION

Name: Heritage Springs

NPDES Number IN 0062553

<u>Yes</u>	<u>No</u>	<u>N/A</u>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1. Is the WLA effluent D.O. requirement greater than 2 mg/l? If yes, post aeration is required.
			2. What type of post aeration is to be used?
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Diffused Aeration
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Mechanical Aeration
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Cascade Aeration
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Turbine Aeration
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	U-Tube Aeration
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Agitator Aeration
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3. Is the minimum vertical drop provided for the cascade OK? <i>DOW requires 19' (overall) 11.33' is OK</i>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4. Does any portion of the cascade aeration ladder extend below the 25-year flood elevation?
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	If so, has the permittee provided a written request for a letter from the Agency stating that sampling for dissolved oxygen (DO) is not required during flood conditions? This letter will be placed with the discharge permit in the project file.

11'-4" Drop

Aeration formulas are contained in the Process Design Manual for Upgrading Existing Wastewater Treatment Plants (blue book) in Chapter 8, Preaeration and Post aeration Practices. Additionally, a computer program is available for cascade aeration.

MAS
1/16/13

OUTFALL

Name: Heritage Springs
NPDES Number IN 0062553

Type of Outfall: Gravity Pressure

WWTP Design Flow: 0.1 MGD

WWTP Peak Flow: 0.4 MGD

Gravity Outfall:

Length: 2077 ft. Diameter: ^{10"} or 0.83 ft.
Slope: 1.29% ft./ft. = 0.0129 $\frac{ft}{ft}$ Material: PVC *B*
Hydraulic Capacity: 1.661 MGD @ n = 0.013

Pressure Outfall: *N/A*

~~Length: _____ ft. Diameter: _____ ft.
Material: _____ Static head: _____ ft.
Friction head: _____ ft. Total dynamic head: _____ ft.
Pumping rate: _____ GPM and _____ MGD~~

Attach pump curve and calculation

Diffuser: *N/A*

~~Diameter: _____ ft. Length: _____ ft.
Number of ports: _____ Port diameter: _____ ft.
Distance between ports: _____ ft.~~

- | <u>Yes</u> | <u>No</u> | <u>N/A</u> | | |
|-------------------------------------|-------------------------------------|-------------------------------------|----|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1. | Can outfall sewer carry the peak design flows? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 2. | Is a head wall provided? <i>Per Plans</i> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. | Is a flap gate provided? <i>Per Plans</i> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 4. | Is the effluent discharged at the low water level of the stream? <i>Unknown, But IDEM has permitted already so</i> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 5. | If a diffuser is proposed, is it needed to assure adequate mixing and dilution to satisfy a discharge permit parameter? <i>OK</i> |

TOWN OF GREENVILLE
ORDINANCE NO. 2013-WR-009

**RESOLUTION CONCERNING THE TURN OFF OF WATER SERVICE
DUE TO EXCESSIVE WATER USAGE CAUSED BY A LEAK ON
CUSTOMER PROPERTY SERVICE BY THE GREENVILLE MUNICIPAL
WATER UTILITY OF GREENVILLE, INDIANA**

WHEREAS, the Town of Greenville Water Utility Council is responsible for protecting the financial interest of The Greenville Water Utility of Greenville, Indiana and;

WHEREAS, from time to time a water line leak or leaks may occur on customers property which could cause an excessive water bill and burden on a customer and;

WHEREAS, the water line leak or leaks may cause an unfair burden on the Greenville Water Utility for collection of charges for the water service;

NOW, THEREFORE, BE IT ORDAINED BY THE WATER UTILITY COUNCIL OF THE TOWN OF GREENVILLE, INDIANA, AS FOLLOWS:

1. If any or all of the following situations exist the Greenville Water Utility Superintendent by his discretion has the authority to terminate a water customer's service until such time the water leak or leaks are corrected and inspected by the Greenville Municipal Water Utility through flow meter observance.

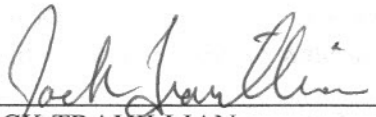
- It is determined that an excessive water leak exist through observance of ground water present or meter box flow meter examination or both.
- It is determined that the amount of water usage may cause a customer's account to go into default.
- Customer has not corrected the water leakage after being informed of the leak within a reasonable time.
- Customer payment by check has been returned because of non-deficient funds.
- Customer payment does not paid full amount due.
- Customer home where service is provided has been placed into a foreclosure process.
- Disconnection would be in the best interest of protecting the Greenville Municipal Water Utility collection of bad debt.

2. After signing of this Resolution its effective date shall be January 1st, 2013.

TOWN OF GREENVILLE
ORDINANCE NO. 2013-WR-009

ADOPTED BY THE WATER UTILITY COUNCIL OF GREENVILLE, INDIANA, ON THE
11th DAY OF FEBRUARY, 2013.

PRESIDENT OF THE WATER UTILITY
COUNCIL OF GREENVILLE, INDIANA



JACK TRAVILLIAN,
CLERK/TREASURER



TALBOTTE RICHARDSON

PREPARED BY: RANDAL JOHNES

TOWN OF GREENVILLE
ORDINANCE NO. 2013-WR-010

**RESOLUTION TO CARRY OVER OF VACATION TIME PER REQUEST
OF CRYSTAL BURKHART WATER UTILITY ASSISTANCE CLERK OF
THE TOWN OF GREENVILLE, INDIANA WATER UTILITY**

WHEREAS, Assistant Water Utility Clerk Crystal Burkhart by written request date 02-11-2013 to the Greenville Water Utility Superintendent and the Greenville Water Utility Council to carry over 3 days of vacation for 90 days pass the 6 month cut-off period in accordance with Water Utility Personnel Manual;

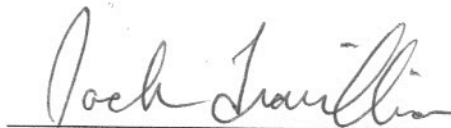
NOW, THEREFORE, BE IT ORDAINED BY THE TOWN AND WATER UTILITY COUNCIL OF THE TOWN OF GREENVILLE, INDIANA, AS FOLLOWS:

1. Per written request {attached} presented to the Greenville Water Utility Superintendent, Town of Greenville and Water Utility Council Crystal Burkhart shall be authorized to carry over 3 days of vacation time beyond the usual 6 month period as stated in the Water Utility Personnel Manual. The time period shall be extended for 90 days past the 6 month cut-off period.

ADOPTED BY THE TOWN COUNCIL OF GREENVILLE, INDIANA, ON THE 11th DAY OF FEBRUARY, 2013.

PRESIDENT OF THE TOWN AND
GREENVILLE WATER UTILITY
COUNCIL OF GREENVILLE,
INDIANA


TALBOTTE RICHARDSON


JACK TRAVILLIAN,
CLERK/TREASURER

PREPARED BY: RANDAL JOHNES

To: The GREENVILLE TOWN COUNCIL

I am making a request to the Water Superintendent and Town Council which would allow me to carry over 3 days of vacation beyond the usual 6 month period as stated in the personnel manual. If possible I would like this period to be extended for 90 days. Thanks you for your time and consideration.

Sincerely,

A handwritten signature in cursive script that reads "Crystal Burkhart". The signature is written in black ink and is positioned below the word "Sincerely,".

Crystal Burkhart