

THE SEWER BOARD MEETING OF THE CIVIL CITY OF NEW ALBANY, INDIANA, WILL BE HELD IN THE THIRD FLOOR ASSEMBLY ROOM OF THE CITY-COUNTY BUILDING ON THURSDAY, SEPTEMBER 14, 2017 AT 9:15 A.M.

CALL TO ORDER:

PLEDGE OF ALLEGIANCE:

APPROVAL OR CORRECTION OF THE FOLLOWING MINUTES:

August 24, 2017 Regular Meeting Minutes

BIDS/CONTRACTS:

1. Wes Christmas re: Opening Bids for Basin 7 Project
2. Rob Sartell re: Delta Services Quotes

COMMUNICATIONS - PUBLIC:

1. Chad Sprigler re: Plat for 2110 State Street
2. John McCoy for Matt Chalfant project re: Request for sewer credits
3. Pat Lilly re: Waiver of the size of the line going into 614 Mt. Tabor Road

COMMUNICATIONS - CITY OFFICIALS:

SEWER ADJUSTMENTS:

FINANCIAL REPORT:

NEW BUSINESS:

OLD BUSINESS:

1. Wes Christmas re: Clark Dietz Update & Sewer Credits Update

UTILITY REPORT:

CLAIMS:

ADJOURN:

**THIS AGENDA IS SUBJECT TO CHANGE.
For more information, please see the City Clerk in Room 332, City County Bldg.**

THE SEWER BOARD MEETING OF THE CIVIL CITY OF NEW ALBANY, INDIANA, HELD A MEETING IN THE THIRD FLOOR ASSEMBLY ROOM OF THE CITY-COUNTY BUILDING ON THURSDAY, AUGUST 24, 2017 AT 9:15 A.M.

PRESENT: Ed Wilkinson, member, Nathan Grimes, member. Mayor Gahan was absent.

ALSO PRESENT: April Dickey, Larry Summers, Linda Moeller and Mindy Milburn

CALL TO ORDER:

Mr. Wilkinson called the meeting to order at 9:15 a.m.

PLEDGE OF ALLEGIANCE:

APPROVAL OR CORRECTION OF THE FOLLOWING MINUTES:

Mr. Grimes moved to approve the August 10, 2017 Regular Meeting Minutes, Mr. Wilkinson second, all voted in favor.

BIDS/CONTRACTS:

COMMUNICATIONS - PUBLIC:

Jason Copperwaite, Paul Primavera & Associates, representing Bob Lynn and JT Shire. He explained that he has appeared before the board several times regarding Valley View and today he would like to talk about the lots that aren't developed. He presented a map that outlines 5 lots that are undeveloped and are currently owned by Jesse Ballew. He explained that the Shire's are looking to purchase those lots and build houses. He stated that they think they can construct a gravity to those two lots into Lafollette Station. He explained that he highlighted 3 lots north of the cul-de-sac and she has indicated that she might be interested in participating in running the gravity line and tying into the sewers. He requested permission to connect and possibly grant 1,550 credits but asked that they not send a waiver letter to IDEM until they can make sure that the engineering works.

Mr. Grimes asked if one lot is already being serviced.

Mr. Copperwaite stated that the resident is on septic but expressed interest in connecting.

Mr. Wilkinson asked if he spoke to Mr. Sartell about any of this.

Mr. Copperwaite replied no, but added that they did speak with Scott Wilkinson and received information about tap fees. He stated that if the board accepts the connection, their next step would be to put together a survey to determine if the plans would work.

Mr. Grimes stated that he doesn't think they have credits for this.

Mr. Christmas stated that it doesn't sound like they need credits at the moment but they do have them if he does. He asked Mr. Copperwaite if there has been any coordination with the Thieneman project because they are getting ready to run a line. He explained that it would that it makes sense to serve these properties and he just wanted to make sure that all the projects were coordinating with one another.

Mr. Wilkinson asked if they have done any calculations on the line

Mr. Copperwaite explained that he hasn't done any engineering yet but it looks like it will be 500 feet and three manholes.

Mr. Wilkinson stated that he doesn't see any issues with this at all but it seems like they need to coordinate and gather more information before they approve anything.

Mr. Copperwaite stated that they just need to know the board is open to accepting the sewer before they move forward with the engineering.

Mr. Grimes moved to approve a willingness to serve, Mr. Wilkinson second, all voted in favor.

Ruby Jones explained that she is Donald Hines' mother and he has been deceased since 2015. She stated that Marla Hanes was living in the house and was supposed to have everything changed over to her name and apparently she didn't because they received a lien notice for the property.

Mrs. Dickey stated that she would need more information and without being able to look at the history she is unable to give her any details on the account.

Ms. Jones stated that her daughter went to the sewer office and they sent them back over here.

Mr. Wilkinson stated that they can't do anything for her without a history of the account and asked Mrs. Dickey to get her contact information so that she can work with her to resolve this.

Ms. Jones asked if there is anything she can do to press charges.

Mr. Grimes suggested that she contact an attorney and possibly the police department.

COMMUNICATIONS - CITY OFFICIALS:

SEWER ADJUSTMENTS:

FINANCIAL REPORT:

NEW BUSINESS:

OLD BUSINESS:

1. Wes Christmas re: Clark Dietz Update and Sewer Credits Update

Mr. Christmas stated that the basin 7 project advertises tomorrow, the second advertisement is schedule for next Friday, the pre-bid meeting is scheduled for the 7th, and they will open bids at the September 14th meeting. He added that they will be bidding basin 16 storage improvements after that is complete. He explained that they did receive some feedback from the EPA that they reevaluated a previous request for the elimination of Georgetown from the system, and decided to issue 71,300 credits in association with that request. He added that he doesn't have the current balance but he thinks that puts them back over 100,000 credits.

Mr. Copperwaite asked if IDEM has identified those additional credits.

Mr. Christmas explained that IDEM is always copied on the correspondence from the EPA but he doesn't know if Mr. Sartell has followed up with IDEM directly. He stated that he doesn't anticipate it being an issue.

UTILITY REPORT:

Wastewater Utility Report for June 2017

Influent / Effluent Quality

The treatment facility was in full compliance for the month of June.

Pretreatment

There were 25 grease trap inspections of restaurants and food preparation facilities.
Product Specialties was fined \$2,700.00 for CBOD daily maximum effluent violations.

Facility Operations

79 dry tons of bio solids were removed from the WWTP.
The WWTP was at 41% of its Total Suspended Solids design limit and at 43% of its CBOD design limit.

There were 3.07 inches of rain for the month

Preventative and Unscheduled Maintenance

187 preventative work orders were completed and 29 corrective work orders were completed for the WWTP and Lift Stations

Highlights

The maintenance crew replaced all of the lamps on bank A of the UV system along with 3 ballasts.

We replaced the HMI screen for the #210 grit system and replaced a bad screen in the #1 VFD for the #420 Intermediate pump station.

The maintenance crew pulled the channel grinder (Muffin Monster) and sent it out for repair.

We pulled the #2 pump at Jacob’s Creek Lift station and sent it out for repair and installed the spare pump for this station.

Maintenance replaced the last air actuated check valve at Basin #14 Lift Station with a hydraulic cushioned check valve.

LaFollette Lift Station – Replaced a bad transducer, sent #1 pump out for repairs, and tightened the guide rails for the #2 pump.

Sanitary Collection System

<i>Project</i>		<i>Current Month</i>		<i>Year-to-Date</i>	
<i>Sanitary Sewer Flushed/ft</i>		8,791		49,222	
<i>Sanitary Sewer Televised/ft.</i>		10,113		51,782	
<i>CIPP Installed/ft</i>		2,958		11,121	
<i>Tap Inspections</i>		23		47	
<i>Locates</i>		1,026		4,415	
<i>Pipe Patches</i>		1		12	
<i>Call Outs</i>	<i>Odor Complaint</i>	<i>Main Block</i>	<i>Resident Problem</i>	<i>Dye Test</i>	<i>Emergency Locates</i>
13	0	0	10	1	23

Sanitary Sewer Overflow Monitoring

There were 0 rain events that required Stantec monitoring.

Preventative and Unscheduled Maintenance

47 preventative work orders were completed and 12 corrective work orders were issued for the Collection System.

Construction Highlights

# Manhole Repairs	#Manhole Installations	#Pipe Patches
3	0	1
Main Line Repairs	#Lateral Repairs	
1	4	

Annual/Semi Annual Routine Sewer Cleaning
None scheduled in June.

Facility Safety

The monthly safety inspection rating was 98.4%

The safety training topics for the month were on Personal Protective Equipment and Hearing Conservation.

Projects

McLean Lift Station

This project is substantially complete. The punch list has been generated and we are awaiting its completion.

Reline New Albany

We have started lining in Basin #7. We expect this to be a challenging basin due line segment lengths and pipe conditions. 2,958 feet of liner was installed.

Grantline Road Lift Station Project

This project is substantially complete. The punch list has been developed and is being addressed.

LED Lighting Project

The lighting project is 2/3rds complete. Expanded the project to include new garages and 520 building.

Bellwood Generator Project

This project is complete. We will have to come back in the fall and reseed.

Up Hill Run Lift Station

Survey work has been completed. Progress meeting was held on July the 10th. NAWU has CCTV'd the gravity section of the force main to check on condition and lateral connections. Geotechnical analysis is being scheduled.

Jacob's Creek Lift Station Removal and Interceptor

Survey work is complete. Site assesment is taking place for wetland mitigation. Easement discriptions are being prepared.

Construction Garage

The garage is constucted and under roof. Overhead and mandoors to be installed. Final grading and gate relocation still remain.

CLAIMS:

Mrs. Moeller presented the sewer claims docket for 08/10/17 to 08/23/17 in the amount of \$326,980.02.

OFFICE SUPPLY COMPANY, INC	29.29	SEW
OFFICE SUPPLY COMPANY, INC	351.98	SEW
OFFICE SUPPLY COMPANY, INC	166.79	SEW
OFFICE SUPPLY COMPANY, INC	25.55	SEW
FLOYD COUNTY RECORDER	1,250.00	SEW
FLOYD COUNTY RECORDER	1,250.00	SEW
FLOYD COUNTY RECORDER	1,250.00	SEW
FLOYD COUNTY RECORDER	1,250.00	SEW
FLOYD COUNTY RECORDER	1,250.00	SEW

FLOYD COUNTY RECORDER	1,250.00	SEW
FLOYD COUNTY RECORDER	1,250.00	SEW
FLOYD COUNTY RECORDER	1,250.00	SEW
FLOYD COUNTY RECORDER	1,250.00	SEW
FLOYD COUNTY RECORDER	1,250.00	SEW
FLOYD COUNTY RECORDER	1,250.00	SEW
FLOYD COUNTY RECORDER	1,250.00	SEW
FLOYD COUNTY RECORDER	1,250.00	SEW
FLOYD COUNTY RECORDER	1,250.00	SEW
FLOYD COUNTY RECORDER	1,250.00	SEW
FLOYD COUNTY RECORDER	1,250.00	SEW
FLOYD COUNTY RECORDER	1,250.00	SEW
FLOYD COUNTY RECORDER	1,250.00	SEW
FLOYD COUNTY RECORDER	1,250.00	SEW
DATA VAULT	36.74	SEW
CROWN SERVICES INC	480.00	SEW
CROWN SERVICES INC	480.00	SEW
NATIONAL BUSINESS FURNITURE	2,103.62	SEW
HUGHES,CARMEN - ATLAS CLEANING	560.00	SEW
SHAW, ANGELICA	173.49	SEW
HOSTETLER, PHYLLIS	185.86	SEW
Total	28,343.32	

HANNUM,WAGLE & CLINE	15,750.00	WWTP
ACE HARDWARE	18.97	WWTP
ACE HARDWARE	9.97	WWTP
ACE HARDWARE	20.33	WWTP
ACE HARDWARE	11.45	WWTP
ACE HARDWARE	11.99	WWTP
ACE HARDWARE	19.94	WWTP
ACE HARDWARE	4.99	WWTP
ACE HARDWARE	23.06	WWTP
DAN CRISTIANI EXCAVATING CO.	27,000.00	WWTP
NEWS AND TRIBUNE	15.70	WWTP
SPRIGLER DOOR SERVICE	432.00	WWTP
FED EX	71.38	WWTP
CLARK-FLOYD LANDFILL LLC.	3,507.90	WWTP
DELL MARKETING L.P.	2,157.82	WWTP
DELL MARKETING L.P.	6,312.21	WWTP
QUILL	19.78	WWTP
CINTAS #302	56.87	WWTP
CINTAS #302	260.58	WWTP
CINTAS #302	56.87	WWTP
CINTAS #302	260.58	WWTP
HEADWORKS INC.	3,295.29	WWTP
FASTENAL COMPANY	13.68	WWTP
CULLIGAN WATER SYSTEMS	80.00	WWTP
VERIZON WIRELESS	1,501.08	WWTP
ORR SAFETY EQUIPMENT CO.	85.00	WWTP
BROWN EQUIPMENT CO.,INC.	821.01	WWTP
SAFETY-KLEEN CORP.	224.02	WWTP
BARNES & THORNBURG	6,315.25	WWTP
S & R TRUCK TIRE CENTER, INC	1,833.52	WWTP
BYRNE'S GARAGE INC.	209.76	WWTP
BYRNE'S GARAGE INC.	107.88	WWTP
BYRNE'S GARAGE INC.	41.25	WWTP
RADIOLAND INC.	750.00	WWTP
GRAINGER	1,322.60	WWTP
HOME CITY ICE CO.	139.30	WWTP
BIOCIEM, INC.	3,005.83	WWTP
DELTA SERVICES, LLC	41,400.00	WWTP
DELTA SERVICES, LLC	334.79	WWTP

DELTA SERVICES, LLC	556.00	WWTP
RODEFER MOSS & CO., PLLC	1,375.00	WWTP
CROWE HORWATH LLP	1,000.00	WWTP
STANTEC CONSULTING SERVICES	966.00	WWTP
METRO ANSWERING SERVICE	88.40	WWTP
EYE-TRONICS	2,467.92	WWTP
OFFICE DEPOT	48.99	WWTP
OFFICE DEPOT	69.99	WWTP
KENTUCKIANA WIRE & ROPE	556.76	WWTP
AIRGAS-MID AMERICA	123.86	WWTP
PRO4MANCE CONTRACTING SERVICES	1,182.21	WWTP
PRO4MANCE CONTRACTING SERVICES	475.87	WWTP
PRO4MANCE CONTRACTING SERVICES	1,922.88	WWTP
RABEN TIRE CO.	396.76	WWTP
CRUM'S HEATING & COOLING	2,277.75	WWTP
ONESOURCE WATER	99.98	WWTP
NCL OF WISCONSIN INC	401.61	WWTP
NCL OF WISCONSIN INC	24.71	WWTP
XYLEM WATER SOLUTIONS USA	3,598.60	WWTP
RELIN AMERICA, INC	5,940.21	WWTP
HACH COMPANY	566.17	WWTP
ECO-TECH, LLC-WASTE LOGISTICS	366.36	WWTP
ENVIRONMENTAL RESOURCE ASSOCIA	86.62	WWTP
ENVIRONMENTAL RESOURCE ASSOCIA	86.62	WWTP
MEINERS MEDICAL,FIRE & SAFETY	69.25	WWTP
MEINERS MEDICAL,FIRE & SAFETY	37.04	WWTP
MEINERS MEDICAL,FIRE & SAFETY	209.15	WWTP
MEINERS MEDICAL,FIRE & SAFETY	27.70	WWTP
MEINERS MEDICAL,FIRE & SAFETY	540.00	WWTP
ADVANCED GLOBAL COMMUNICATIONS	3,508.04	WWTP
IUPPS	924.35	WWTP
ELEMENT MATERIALS TECHNOLOGY	14.40	WWTP
ELEMENT MATERIALS TECHNOLOGY	470.30	WWTP
ELEMENT MATERIALS TECHNOLOGY	14.40	WWTP
NAPA OF NEW ALBANY	11.22	WWTP
NAPA OF NEW ALBANY	23.74	WWTP
NAPA OF NEW ALBANY	127.49	WWTP
NAPA OF NEW ALBANY	9.99	WWTP
GOTTA GO INC.	972.00	WWTP
CONSTELLATION NEWENERGY	188.27	WWTP
B&H ELECTRIC	144.92	WWTP
NORTON HEALTHCARE	59.00	WWTP
UPS SUPPLY CHAIN SOLUTIONS	207.62	WWTP
ALLTERRAIN PAVING & CONSTRUCT	18,909.00	WWTP
ALLTERRAIN PAVING & CONSTRUCT	19,499.00	WWTP
SCHWALM USA LLC	22.00	WWTP
HERITAGE PETROLEUM, LLC	120.00	WWTP
HERITAGE PETROLEUM, LLC	90.00	WWTP
NETWORKFLEET INC	175.50	WWTP
Total	188,556.30	

GIBSON LAW OFFICE, LLC	865.38	TU
SILVER CREEK WATER	9.47	TU
SILVER CREEK WATER	9.47	TU
SILVER CREEK WATER	9.47	TU
SILVER CREEK WATER	7.92	TU
SILVER CREEK WATER	9.47	TU
SILVER CREEK WATER	9.47	TU
SILVER CREEK WATER	9.73	TU
SILVER CREEK WATER	9.47	TU
CLARK CO. REMC	186.66	TU
CLARK CO. REMC	128.48	TU

CLARK CO. REMC	160.26	TU
CLARK CO. REMC	236.05	TU
CLARK CO. REMC	161.15	TU
CLARK CO. REMC	156.49	TU
HARRISON CO. REMC	311.13	TU
HARRISON CO. REMC	75.38	TU
FLOYDS KNOBS WATER	583.94	TU
FLOYDS KNOBS WATER	667.74	TU
EDWARDSVILLE WATER CO.	17.00	TU
DUKE ENERGY	26.29	TU
DUKE ENERGY	965.77	TU
DUKE ENERGY	51.68	TU
DUKE ENERGY	348.24	TU
DUKE ENERGY	143.33	TU
DUKE ENERGY	787.07	TU
DUKE ENERGY	591.87	TU
NEOPOST	954.04	TU
SPECTRUM BUSINESS	279.90	TU
SPECTRUM BUSINESS	599.90	TU
BYRNE'S GARAGE INC.	81.43	TU
BYRNE'S GARAGE INC.	85.00	TU
INDIANA AMERICAN WATER	1,551.62	TU
INDIANA AMERICAN WATER	1,650.00	TU
GIBSON LAW OFFICE, LLC	865.38	TU
SILVER CREEK WATER	4.75	TU
CITY OF NEW ALBANY	76,500.00	TU
CITY OF NEW ALBANY	12,500.00	TU
DUKE ENERGY	241.75	TU
FLEETONE MSC 30425	3,494.26	TU
SPECTRUM BUSINESS	1,213.17	TU
CK REAL ESTATE LLC	3,520.82	TU

Total 110,080.40

Grand Total 326,980.02

Mr. Grimes moved to approve, Mr. Wilkinson second, all voted in favor.

ADJOURN:

There being no further business before the board, the meeting adjourned at 9:41 a.m.

Mayor Gahan, President

Mindy Milburn, Deputy City Clerk



Providing Quality Electrical Installations

Industrial

Commercial

24HR Service

TO: New Albany Waste Water ATTN: Randy Sikes	Date: 07/14/2017	Tele: 502-773-8002
	Scope or Project Name: Blower motor	

Description of Work:

Delta Services, LLC proposes to furnish the necessary supervision, labor, material, tools and equipment for the electrical work on the referenced project as detailed herein for the sum of:

Scope:

Option #1 New MCC

Provide to New Albany Waste Water (1) new 1200 Amp MCC, 480 Volt W/ NO Neutral in a NEMA 1 gasketed enclosure.

MCC shall contain

- (4) new Eaton Cutler Hammer 125 HP DG1 VFD
- (4) 3 Pos selector switches (hand, off, auto)
- (4) LED Pilot light for Run
- (4) LED Pilot light for Stopped
- (4) terminal block for wiring connections.

Option #1 Price \$115,566.08

Option #2 Self-contained VFD

Provide to New Albany Waste Water (1) new Cutler Hammer DG1 VFD in a self-contained, wall mountable enclosure.

Provide (1) new 200-amp feeder circuit breaker bucket.
Provide certified start-up by a factory authorized person.

Option #2 Price \$13,250.00

All work is to be completed as per this quote. No extra work will be completed until a signed change order has been received.

This quote is for the purchase and delivery of certain material listed above, with no installation time included. Owner must provide to Delta Services LLC a Tax-exempt certificate before any material can be ordered.

Terms

50% due upon material purchase.
Remaining amount due upon project acceptance and completion.

ESTIMATED JOB COST

This estimate is for completing the job as described above. It is based on our Evaluation and does not include material price increases or additional labor and materials which may be required should unforeseen problems or adverse conditions arise after work has started.

For the sum of: \$ SEE ABOVE

NOTE: Delta Services, LLC may withdraw this estimate, if it is not accepted within 30 days.

ESTIMATED BY: Jeremy Shumate 502-773-8002



Providing Quality Electrical Installations

Industrial

Commercial

24HR Service

TO: New Albany Waste Water

ATTN: Rob Sartell

Date: 07/18/2017 Tele: 502-773-8002

Scope or Project Name: **Option #2 Blower VFD installation.**

Description of Work:

Delta Services, LLC proposes to furnish the necessary supervision, labor, material, tools and equipment for the electrical work on the referenced project as detailed herein for the sum of: \$29,381.00 Twenty-nine thousand three hundred eighty-one dollars.

Scope:

- Provide (1) new Cutler Hammer DGI VFD
- Install (1) new Cutler Hammer DGI VFD in a self-contained enclosure inside of the existing blower motor control room.
- Install (2) 2" rigid aluminum conduit from the existing blower motor MCC along the wall and into the new VFD, (1) for the power to the VFD the other for the load side.
- Install (1) new 1" rigid aluminum conduit from the existing blower motor MCC along the wall and into the new VFD, this will be used for the VFD control wiring.
- Extend power wiring from the existing blower motor MCC through the new 2" conduit to feed the new VFD.
- Extend load wiring through the other 2" conduit and connect to existing load wiring in the blower motor bucket.
- Extend control wiring from the existing blower motor MCC through the new 1" conduit to the VFD.
- Remove existing soft start bucket in the existing MCC and replace with new circuit breaker bucket so that proper overcurrent protection is given to the new VFD.
- Upon completion verify proper operation of the VFD with certified manufacture start-up.

Exclusions:

- This work is based upon a standard 40-hour work week with no overtime included.
- Delta Services LLC is not responsible for the condition of the existing blower motors or the condition of any existing wiring.
- Delta Services LLC is not responsible for the condition of the existing MCC.
- This scope is based upon the upgrade of only (1) VFD, this price shall be multiplied by the number of VFD the customer would like to upgrade.

Terms:

- 50% of total contract amount due upon order placement.
- Remaining amount due upon project completion and owner acceptance.

ESTIMATED JOB COST

This estimate is for completing the job as described above. It is based on our Evaluation and does not include material price increases or additional labor and materials which may be required should unforeseen problems or adverse conditions arise after work has started.

For the sum of: \$ SEE ABOVE

NOTE: Delta Services, LLC may withdraw this estimate, if it is not accepted within 30 days.

ESTIMATED BY: Jeremy Shumate 502-773-8002

Vicki Glotzbach

From: Jonathan McCoy <jonmccoy@live.com>
Sent: Wednesday, August 30, 2017 11:54 AM
To: Vicki Glotzbach
Cc: Robert Sartell
Subject: Lafayette Commons Application for Sewer Credits
Attachments: Lafayette Commons_NA Sewer Credit App.PDF

Hi Vicki,

Attached is an application for sewer credits for the Lafayette Commons project I called you about on Monday to get on the 9/14 sewer board meeting agenda, Matt Chalfant is the developer.

Please confirm you received this and also confirm the time of the meeting please.

Thank you,
Jon

Jonathan L. McCoy, P.E.
JLM Engineering
Civil & Environmental Solutions

720 Rolling Creek Dr.
Suite 207

New Albany, IN 47150

Office: 502-275-7777

Mobile: 502-380-7360

jonmccoy@live.com

<https://www.jlmccoyengineering.com>

NEW ALBANY SEWER BOARD

Application for Sewer Credits

Date of Application: 8/30/2017

Name/address/telephone of applicant: JON McCoy - JLM ENGINEERING
MATT CHALFANT - Developer
720 ROLLING CREEK DR., Suite 207
NEW ALBANY, IN 47150
502-275-7777

Project name/location: LAFAYETTE COMMONS / 2857 CHARLESTOWN Rd

Description of project: ① 16,425 SF MEDICAL OFFICE BLDG. (25 EMPLOYEES)

② 5,000 SF OFFICE BLDG. (15 EMPLOYEES)

③ 3,500 SF OFFICE BLDG. (12 EMPLOYEES)

If project to be developed in phases, describe phases and timing: _____

① Complete by 2/1/2018 → ADF = (20)(25) = 500 GPD

② + ③ Complete by 6/1/2018 → ADF = (20)(27) = 540 GPD

TOTAL ADF = 1040 GPD → TOTAL PDF = (1040)(4) = 4,160 GPD

Total credits needed for project: 4,160

Estimated date when project fully complete: (see Above)

How many credits do you need for year 2017 - 2019: 4,160

Once you are granted credits, how long will it take you to commence construction of the project (i.e., complete project design, obtain IDEM construction permit, etc.):

CONSTRUCTION WILL BEGIN IMMEDIATELY

If you are granted credits as of the date of this application, how many connections to the sanitary sewer system from your project do you estimate will be made in:

2017	2018	2019
1	2	