Kent Sewer Commission Regular Meeting

January 15, 2019 4:30 P.M. Town Hall

Present: Elissa Potts, John Casey, John Grant and Jack Nelson.

Also present: Bart Clark, Debbie Devaux, Barbara Herbst, Jeff Sienkiewicz and Lyle Somers.

Ms. Potts called the regular meeting of the Kent Sewer Commission to order at 4:30 p.m.

The pledge was recited.

Ordinance Review with Jeff Sienkiewicz:

Attorney Jeff Sienkiewicz came to the Sewer Commission with a proposal to update the existing ordinances. He recommends that there be two documents: ordinances that would define the Sewer Commission and the other document would be regulations that the Sewer Commission would use to handle the day today operations. Mr. Casey made a motion to authorize Attorney Jeff Sienkiewicz to separate the current document into condensed ordinances and regulations for review by the Sewer Commission for submission to the Board of Selectmen. Mr. Nelson seconded the motion and the motion carried.

Approval of Minutes:

Mr. Casey made a motion to approve the minutes of the December 11, 2108 Regular Sewer meeting, as submitted. Mr. Nelson seconded the motion and the motion carried.

Public Communication:

Oral:

None.

Written:

Ms. Potts reported that she received the following written

correspondences:

January 5, 2019 e-mail from Kerry Rooney regarding a grease

The Commission requested an updated menu.

2. January 11, 2109 e-mails from Monica Brown from 109 Cheese regarding a grease trap.

The Commission requested a clarification on which class the business would fall under for Torrington Area Health.

3. Correspondence from Frank Way regarding a grease trap for a prepared food vender in the old 109 Cheese location

The Commission requested a menu.

4. January 9, 2019 letter from Virginia Bush Suttman requested clarification on a connection fee for a proposed renovation The Commission requested a floor plan.

5. January 7, 2019 letter from Jeffrey Cataldo of Kent School

The Commission decided to wait until the ordinances and regulations are updated before creating a Community Sewage System Agreement.

- Report of Chairman:

Ms. Potts had nothing new to report.

Report of Superintendent:

Mr. Sommers provided a written report (attached).

Mr. Sommers asked for clarification on the roof repair. Ms. Potts confirmed that there was a motion at the last meeting approving the repair.

Report of Treasurer:

Mrs. Herbst provided the following reports:

- Balance Sheet as of December 2018
- Income and Expenses Actual vs. Budget as of December 2018
- Operating Account ledger as of December 31, 2018

Mr. Casey made a motion to approve the December 31, 2018 Operating Account Ledger, as submitted. Mr. Nelson seconded the motion and the motion carried.

Report of Collector:

Ms. Devaux stated that she did not have a new report.

Ms. Devaux stated that two of the delinquent accounts have been paid and one more is close. She added that the bank should pay off the outstanding balance on that account.

Report of Consulting Engineer:

Mr. Clark provided a written report (attached).

Belt Press:

Mr. Clark and Mr. Sommers provided a new estimate from BDP Industries. Mr. Sommers stated that there could be a savings if local vendors provided the electrical work. The quote does not include the cost of a shed to house the pump and would take approximately six months to get. Mr. Casey expressed his concerns with spending down the reserve by \$425,000. The Commission discussed potentially getting a loan for some of the Capital projects, as well as going to the Board of Selectmen and asking to be put in the Five-Year Capital Plan. After further discussion it was determined that the pump on the current belt press is not working at all, and sludge is building up. Mr. Nelson offered to talk to C.H. Nickerson regarding a design, build and finance for the belt press and other Capital projects. The Commission authorized Mr.

Nelson to talk to C.H. Nickerson and report back to the Commission. Mr. Casey made a motion to authorize the purchase of the proposed new pump, electrical work and a shed for a cost not to exceed \$40,000. Mr. Nelson seconded the motion and the motion carried.

Employee Handbook/Paid Time Off (PTO):

Ms. Potts stated still working on the Employee Handbook.

Job Descriptions:

Ms. Potts stated still working on job descriptions.

Capital Plan:

Mr. Clark provided updated Capital Plans (attached).

Mr. Casey made a motion to adjourn the meeting at 6:44 p.m. Mr. Grant seconded the motion and the motion carried.

Administrative Assistant

These are draft minutes and the Kent Sewer Commission at the subsequent regular meeting may make corrections. Please refer to subsequent regular meeting minutes for possible corrections and approval of these minutes.

AGENDA

KENT SEWER COMMISSION REGULAR MEETING

January 15, 2019 4:30 P.M. TOWN HALL

Regular Meeting

- 1. Call to order and Pledge of Allegiance
- 2. Amend agenda/approve agenda
- 3. Approval of Minutes
 - a December 11, 2018

Regular meeting

- 4. New Business
 - a Ordinance Review with Jeff Sienkiewicz
- 5. Public Communication
 - a Oral
 - b Written
- 6. Report of Chairman
- 7. Report of Superintendent
- 8. Report of Treasurer
- 9. Report of Collector
- 10. Report of Consulting Engineer
- 11. Old Business
 - a Belt Press
 - b Employee Handbook/Paid Time Off (PTO)
 - c Job Descriptions
 - d Capital Plan
- 12. Adjourn

[&]quot;An equal opportunity employer and service provider."

Subject: Kerry Rooney | Grease trap question NEW BUSINESS inKent

From: Elissa Potts <elissa@fifendrum.com>

Date: 1/5/2019, 9:52 AM

To: Arctic Smash <arcticsmashicecream@gmail.com>, Elissa Potts <epotts@kentsewer.org>

CC: Kent Sewer Joyce Kearns < jkearns@kentsewer.org>

Dear Kerry

In order to determine whether or not a grease trap is required, we need to know more about your menu. When you have a moment, would you submit a letter listing of all the products you anticipate selling and what process you will be using on-site to prepare them for sale. Once the Commission has that information, we can make a determination about whether a grease trap is needed or not.

I look forward to your reply.

Elissa Potts

Chair, Kent Sewer Commission

Class II or IV

On 1/3/2019 2:20 PM, Arctic Smash wrote:

Dear Mrs. Potts,

I am looking at a space In Kent to open an ice cream/sweet shoppe. I'm planning on hand rolled ice cream, possible soft stove or scooped ice cream, cookies, brownies and cupcakes. This is located in the yellow and white plaza in town near David Gavin. The board of health said I should inquire as to wether or not I will need a grease trap? I currently have an ice cream shop in NY and I don't need one. I'm not sure about CT.

I can be reached on My cell is 845-233-8482 or this email.

Thank you,

Kerry Rooney

Elissa G T Potts |

Fife 'n Drum Restaurant and Inn

P O Box 188

53 N Main Street

Kent, CT 06757 |

is she abatery or a II/I

Subject: Grease trap

From: Monica Brown <monica@109cheeseandwine.com>

Date: 1/11/2019, 1:16 PM

To: egtpotts@snet.net, elissa@fifndrum.com, todd@109cheeseandwine.com

Hi Elissa,

Hope you had a wonderful holiday season. It went by so fast..

Not sure if you heard but I'm moving from 14N Main to the old Panini location in the Kent Barns.

The building does not have an existing grease trap and Kathy Weber said I should inquire with you if it is needed.

We are doing artisan cheese cut to order, sandwiches, salads, soup and coffee.

Also this is going to be a temporary situation until our new location at 10N Main Street is built...

If you would like we could schedule a time to meet.

Just let me know how to proceed.

Thank you for your consideration in this matter.

Monica Brown

cell 203 241 0700

store 860 592 0366

109 Cheese Market

Monica Brown 109cheeseandwine.com Sent from my iPhone



Grilled Cheese \$8

109 Signature Cheese blend (Vermont Sharp Cheddar, Gruyere, Toma Pt. Reyes) on Sourdough

Add on Prosciutto + \$2.00

Fresh sliced Tomato + 1.00

Spinach + 1.00

Apple + 1.00

Roasted tomato w/garlic and a touch of red pepper \$1.50

Mushroom roasted w/shallot & thyme plus a slice of raclette cheese \$2.50

Baguette Sandwiches

—The Big Ed \$8.95 what's not to love! Northcountry Award winning smoked turkey, Saxon Big Ed gouda from Wisconsin, Mama Iil's goathorn peppers (sweet and spicy), Maple Bourbon pickles from Brooklyn Brine, tomato and lettuce with a smear of Kozliks Amazing maple Mustard.

The Parisian \$8.25 reminds us of the simplest baguette sandwich you can get anywhere in France (gas station, train station, bistro..) and it the best sandwich you ever ate anywhere! Simply, Prosciutto di Parma, Gruyere, Vermont Butter and Arugula on a French baguette.

Salami D'Affinois \$9.25 what could be better than 3 great salamis on a baguette smeared with the creamiest brie and a touch of arugula to give it a nice bite.3 Salamis (Salumeria Biellese, Finochietta, Saucisson sec Basque and Sopressata), D'Affinois (a double crème brie from France), olive oil and arugula.

The Bocadillo - \$8.95

Roasted tomatoes with garlic and red pepper flakes, local goat cheese, marcona almonds, baby spinach on a french baguette with a drizzle of olive oil.

Salad & Soup

Local organic greens with EVOO and aged balsamic \$3.50

Kale, shaved Brussels and beet with marcona almonds, Piave cheese and maple tahini dressing \$8

Cup of house made soup \$5.95 Add on a ½ grilled cheese \$4 Housemade Soups: Mostly Vegetarian selection Chicken Soup

Other gourmet to go items:
Bolognese
Mac and Cheese
Mini Tarts (mushroom, spinach feta, ham and cheese)
Pigs in a blanket
Buttermilk biscuits
Flatbread pizza

No fryer used Olive oil and butter used in production

Virginia Bush Suttman

860-927-3684-vbushsuttman@aol.com 8A Bluff Road Kent. CT 06757-1312

January 9, 2019

To the Kent Sewer Commission From Virginia Bush Suttman RE: New Sewer Connection

This letter accompanies an application to add a bathroom to the existing boathouse on my property, which I am seeking to renovate into an office for myself.

I have attached diagrams of the existing sewer line that crosses the property, with a manhole in my front yard. That part of the sewer system passes from the condos on Elizabeth Street through to Bridge Street. The condos were built later than the diagram so it shows a stub where they were subsequently connected.

The other diagram shows that the depth at the manhole is approximately 13', which is below the planned location of the bathroom. If the Sewer Commission cannot confirm the feasibility of that connection, I will ask Bill Gawel if he can determine that.

I am presently paying the Commission sewer use fees for two separate units, a two bedroom and a one bedroom. Since no additional bedroom will be added, I ask the Commission to determine whether there will be a new connection fee.

This project will take some time for relevant permits, and will be renovated in stages, as I find the necessary money. Therefore, I will delay paying connection fees until I am sure the project is going forward. New use fees will be paid through my current sewer account.

Thank you for your attention to my application.

Virginia Bush Suttman Bull Juliana

Enc.

- 1. Application form
- 2. Diagram of sewer line crossing property
- 3. Diagram of depth of sewer line at manhole.
- 4. Plan of revision of existing boathouse. Only change to foot print is one set of steps.
- 5. Survey of property with notes on relevant structures, etc.

KENT SEWER COMMISSION

WATER POLLUTION CONTROL AUTHORITY

KENT TOWN HALL, 41 KENT GREEN BOULEVARD

PO BOX 144, KENT CONNECTICUT 06757

PHONE 860 927 3269 FAX 860 927 4541

APPLICATION FOR SEWER USE / CONNECTION RESIDENTIAL PERMIT

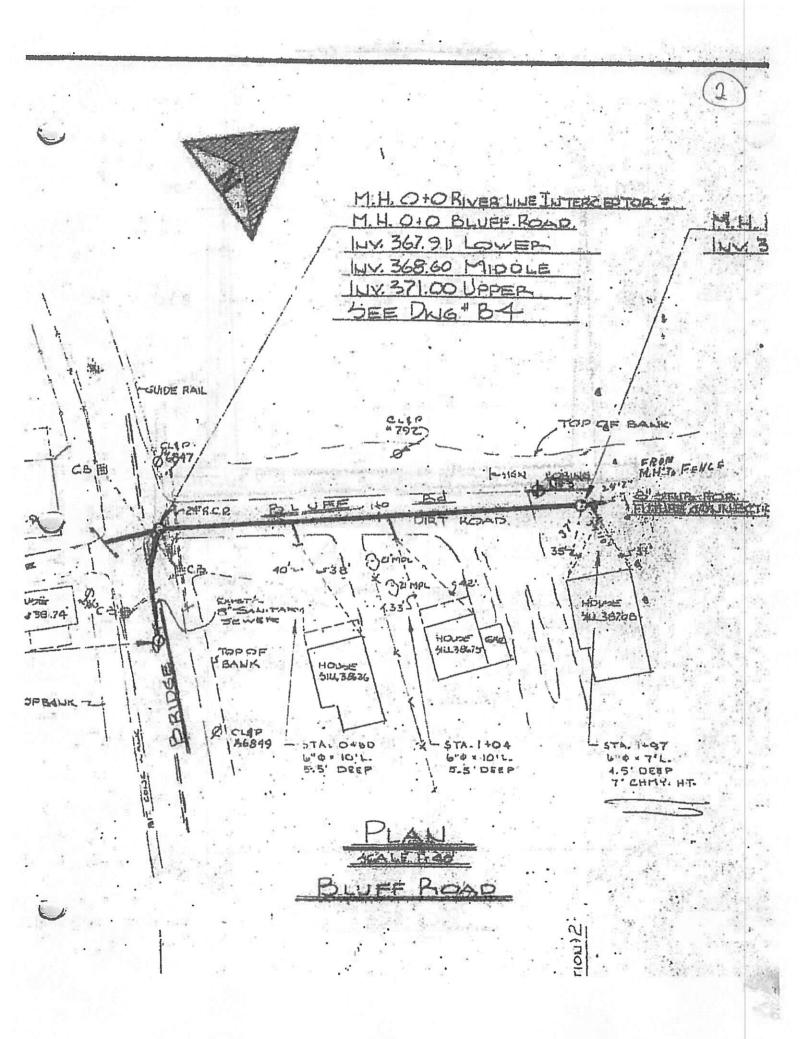
DATE 1/9/19		EXPIRATION Date (180 DAYS)
OWNER'S NAME Virginia Bush ?	Suttman	PHONE# 860-927-3684
ADDRESS 8(A)BLUEF Rond		email: Vbushsuttman @ aol.com
PROPERTY LOCATION 19/15/38	·	
SINGLE FAMILY		MULTI FAMILY Properties by lied
#BEDROOMS 3		MULTI FAMILY Presently billed #DWELLING UNITS 2 as 2 units
SOURCE OF WATER AQUARION	WELL METE	NO NO
SIZE OF PIPE TO BE INSTALLED 8"		
RESIDENTIAL CONNECTION FEES (INCLUE	DING MULTIFAMILY)	
1 BEDROOM UNIT:	\$2,865.00	Present billing, Flow would.
2 BEDROOM UNITS:	\$4,355.00	Present billing. Flan would add I both room in office / Sout house.
3 BEDROOM UNITS:	\$5,627.00	office boot house.
EACH ADDITIONAL BEDROOM:	\$ 733.00	
DATE PAID		CHECK #
OWNER'S SIGNATURE Chaque Bu	L Stellimas	DATE
WPCA APPROVAL		DATE

DISCHARGE PERMIT

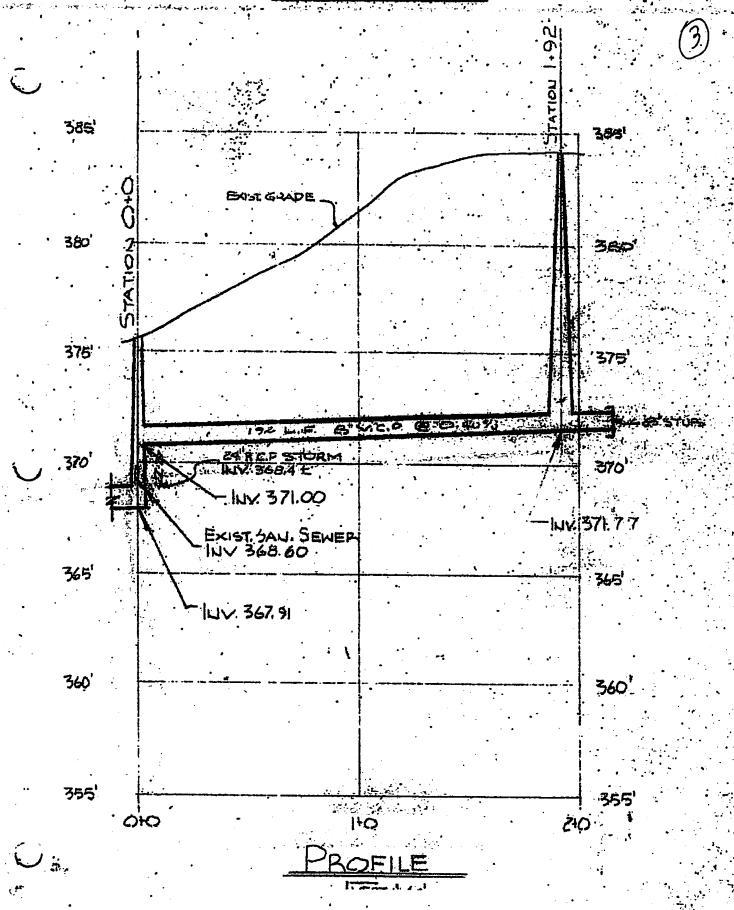
THIS PERMIT AUTHORIZES THE OWNER OF THE ABOVE PROPERTY TO DISCHARGE SANITARY WASTE INTO THE TOWNOF KENT MUNICIPAL SANITARY SEWER SYSTEM.

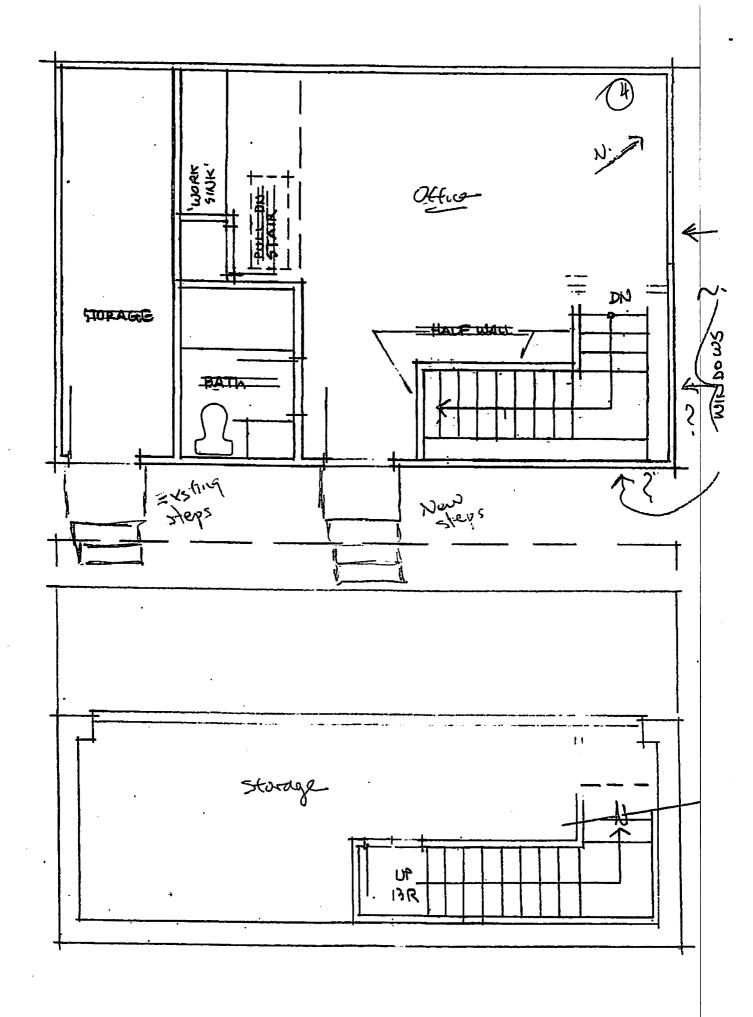
KENT WPCA BY

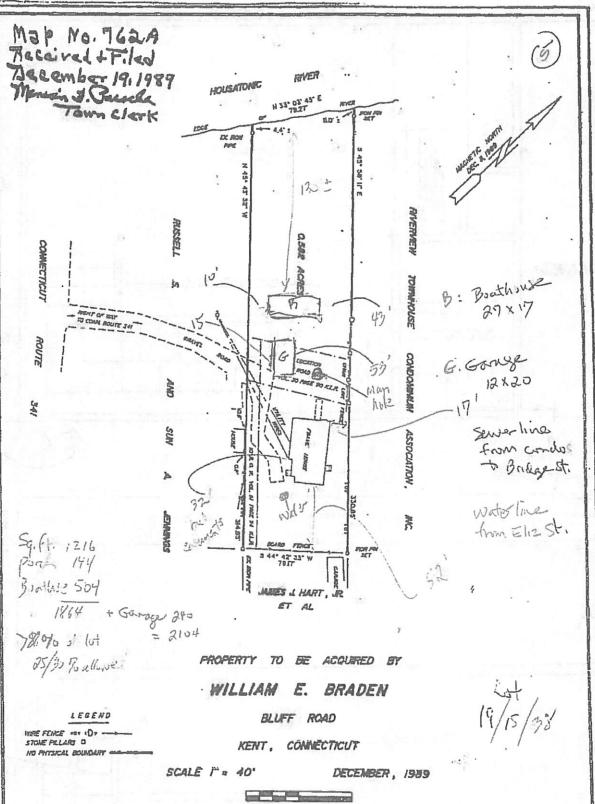
DATE











NOTES

REFER TO SEWER EASEMENTS RUSSING THROUGH PROPERTY (LOCATION OF SEWER EASEMENT NOT APPARENT ON THE GROUND) VOLUME 57 PAGE 105 AND VOLUME 53 PAGE 448 KLR.

REFER TO MAPS PREPARED BY; ROBERT HOCK RLS. FETER MYER RLS. C, JAMES OSBOWE, JR. RLS. MILAND L. SOLF, JR. RLS.

Class 12 survey certified substantially correct and in accordance with the code of recommended practice for standards of accuracy of surveys and maps approved by the State Board of Registration for Professional Engineers and Land Surveyors.

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Richard & adams Richard J. Adoms R.L.S. 9674 Kent, Connecticut



January 7, 2019

Elissa Potts, Chair Kent Sewer Commission 41 Kent Green Boulevard P.O. Box 144 Kent, CT 06757

Re: Community Sewage System Registration and Storm Water Management During Extreme Events

Dear Elissa:

Thank you for your letter dated December 14, 2018. I have studied this letter carefully, and considered the request that Kent School develop and implement a plan that minimizes the possibility of storm water being discharged by Kent School pump stations to the Treatment Plant. Your request is reasonable, and appears necessary to avoid non-compliance with the Commission's Discharge Permit.

We have been reviewing this issue since last year's ice jam and campus flood. It is clear that we must take the following actions:

- Inspect all man holes that allow access to sewer lines. Ensure these holes are properly capped
 and sealed to avoid storm water finding its way to Kent School sewer lines. We have a plan in
 place to complete this inspection and make necessary repairs by June 30, 2019.
- Inspect heavily used drains during flood conditions to ensure those drains do not connect to sewer lines. It appears that a drain at the back of the Gymnasium Building on Skiff Mountain road connects with a School sewer line. This drain is used heavily when the building and surrounding area floods. We are putting a plan in place to redirect the flow of water from this drain so the Treatment Plant does not receive this water. We expect this work to be completed by September 1, 2019.
- Engage the School's civil engineer to review the concern as described in your letter, and assess the effectiveness of our remediation plan. This will be done in the coming months.

I very much appreciate your willingness to work on a cooperative basis to resolve the excessive discharge of storm water by Kent School during a flood. We are focused on this issue, appreciate the severity of the issue, and committed to executing the actions necessary to fully resolve the issue.

When convenient, I would like to meet with you to make sure the actions as described are sufficient. I would also like to discuss your request that Kent School enter into a formal Community Sewage System Agreement, with the School applying for coverage under the CTDEEP's general permit for the Discharge of Domestic Sewage. I am not sure I understand the purpose of this agreement. I will discuss this request with the School's civil engineer and other experts. Please let me know when you are available to meet. The best way to contact me is by e-mail: cataldoj@kent-school.edu or by phone: 860-927-6046.

I look forward to working with you.

Jeffrey D. Cataldo

Kent School

CFO/& Assistant Treasurer

Superintendents report for December 2018

Good afternoon everyone.

1.9 million gallons total
61k gallons per day average
765k gallons came from Kent school
Average BOD removal rate 98%
Average TSS removal rate 97%
Average influent PH 7.5

The aerators are installed. It was necessary to bring in Pupper septic to remove the sediment from the bottom of the tanks.

I balanced the aeration system for the plant. Doing so I was able to throttle back the air intakes of the blowers which should give us a cost savings on electrical usage.

The parameters of the plants past operation are in process of being fine tuned due to the DO increase.

The sludge pump for the press is at the point where it hardly works. Replacement is figured into the cost of the new press minus the shed and electrical upgrade.

Progress continues on the plant wash water system. We were able to overhaul the wash water screening system in house, for a savings of about \$3500.

Due to so much rain and the level of ground water. A second effluent bed had to be brought online.

The John Deere tractor was sent out for warranty adjustments.

The #1 septage lagoon will have to wait till summer for cleanout. Everything is frozen solid and with the water table so high, its causing issues with the 3rd area.

SHOP Roof?

Respectfully,

Kent Sewer Commission

Balance Sheet as of Dec 2018

Checking/Savings		12/31/18	12/31/17	\$ Change
1 USB	Checking/Savings			
3 USB Capital #3880 513,248 676,512 -163,264 5 Brookwoods 32,324 31,974 350 6 Kent Affordable Housing 24,079 23,983 96 7 Saddle Ridge Estates 163,409 163,204 205 Total Checking/Savings 983,882 1,161,561 -177,679 Accounts Receivable 1,538 2,115 -578 Due from General Fund 0 0 0 Total Current Assets 985,420 1,163,676 -178,256 Fixed Assets 4,813,633 4,763,684 49,949 Total Fixed Assets 3,357,563 3,410,896 -53,334 TOTAL ASSETS 4,342,983 4,574,572 -231,590 LIABILITIES & EQUITY Accounts Payable 40,501 28,005 12,495 Due To Brookwoods 32,324 31,974 350 Due To Saddle Ridge Estates 163,409 163,204 205 Federal Taxes Payable 3,994 1,547 2,447 State Taxes Payable 705 226 <td></td> <td>54,676</td> <td>26,456</td> <td>28,220</td>		54,676	26,456	28,220
5 Brookwoods 32,324 31,974 350 6 Kent Affordable Housing 24,079 23,983 96 7 Saddle Ridge Estates 163,409 163,204 205 Total Checking/Savings 983,882 1,161,561 -177,679 Accounts Receivable 1,538 2,115 -578 Due from General Fund 0 0 Total Current Assets 985,420 1,163,676 -178,256 Fixed Assets Accumulated Depreciation -1,456,070 -1,352,787 -103,283 Property and equipment 4,813,633 4,763,684 49,949 Total Fixed Assets 3,357,563 3,410,896 -53,334 TOTAL ASSETS 4,342,983 4,574,572 -231,590 LIABILITIES & EQUITY Accounts Payable 40,501 28,005 12,495 Due To Brookwoods 32,324 31,974 350 Due To Kent Affordable Housing 24,079 23,983 96 Due To Saddle Ridge Estates 163,409 163,204 205 Federal Taxes Payable <td>2 USB Septage MMA #8052</td> <td>196,145</td> <td>239,432</td> <td>-43,286</td>	2 USB Septage MMA #8052	196,145	239,432	-43,286
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7 Saddle Ridge Estates 163,409 163,204 205 Total Checking/Savings 983,882 1,161,561 -177,679 Accounts Receivable 1,538 2,115 -578 Due from General Fund 0 0 Total Current Assets 985,420 1,163,676 -178,256 Fixed Assets -1,456,070 -1,352,787 -103,283 Property and equipment 4,813,633 4,763,684 49,949 Total Fixed Assets 3,357,563 3,410,896 -53,334 TOTAL ASSETS 4,342,983 4,574,572 -231,590 LIABILITIES & EQUITY Accounts Payable 40,501 28,005 12,495 Due To Brookwoods 32,324 31,974 350 Due To Saddle Ridge Estates 163,409 163,204 205 Federal Taxes Payable 3,994 1,547 2,447 State Taxes Payable 3,994 1,547 2,447 USDA Loan 92-04 468,446 476,797 -8,351 USDA Loan 92-08 76,794 78,668	5 Brookwoods	32,324	31,974	350
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Accumulated Depreciation -1,456,070 -1,352,787 -103,283 Property and equipment 4,813,633 4,763,684 49,949 Total Fixed Assets 3,357,563 3,410,896 -53,334 TOTAL ASSETS 4,342,983 4,574,572 -231,590 ELIABILITIES & EQUITY Accounts Payable 40,501 28,005 12,495 Due To Brookwoods 32,324 31,974 350 Due To Kent Affordable Housing 24,079 23,983 96 Due to Saddle Ridge Estates 163,409 163,204 205 Federal Taxes Payable 3,994 1,547 2,447 State Taxes Payable 705 226 479 USDA Loan 92-04 468,446 476,797 -8,351 USDA Loan 92-06 818,200 830,455 -12,255 USDA Loan 92-08 76,794 78,668 -1,874 Total Liabilities 1,628,453 1,634,859 -6,406 Equity *Retained Earnings 1,741,256 1,893,114 -151,857 Opening Bal Equity 420,287 420,287 0 Retained Earnings 665,228 665,228 0 Net Income -112,242 -38,915 -73,327 Total Equity 2,714,530 2,939,714 -225,184	Total Current Assets	985,420	1,163,676	-178,256
Property and equipment 4,813,633 4,763,684 49,949 Total Fixed Assets 3,357,563 3,410,896 -53,334 TOTAL ASSETS 4,342,983 4,574,572 -231,590 LIABILITIES & EQUITY Accounts Payable 40,501 28,005 12,495 Due To Brookwoods 32,324 31,974 350 Due To Kent Affordable Housing 24,079 23,983 96 Due to Saddle Ridge Estates 163,409 163,204 205 Federal Taxes Payable 3,994 1,547 2,447 State Taxes Payable 705 226 479 USDA Loan 92-04 468,446 476,797 -8,351 USDA Loan 92-06 818,200 830,455 -12,255 USDA Loan 92-08 76,794 78,668 -1,874 Total Liabilities 1,628,453 1,634,859 -6,406 Equity *Retained Earnings 1,741,256 1,893,114 -151,857 Opening Bal Equity 420,287 420,287 0 Retained Earnings	Fixed Assets			
Total Fixed Assets 3,357,563 3,410,896 -53,334 TOTAL ASSETS 4,342,983 4,574,572 -231,590 LIABILITIES & EQUITY Accounts Payable 40,501 28,005 12,495 Due To Brookwoods 32,324 31,974 350 Due To Kent Affordable Housing 24,079 23,983 96 Due to Saddle Ridge Estates 163,409 163,204 205 Federal Taxes Payable 3,994 1,547 2,447 State Taxes Payable 705 226 479 USDA Loan 92-04 468,446 476,797 -8,351 USDA Loan 92-06 818,200 830,455 -12,255 USDA Loan 92-08 76,794 78,668 -1,874 Total Liabilities 1,628,453 1,634,859 -6,406 Equity *Retained Earnings 1,741,256 1,893,114 -151,857 Opening Bal Equity 420,287 420,287 0 Retained Earnings 665,228 665,228 0 Net Income -112,242	Accumulated Depreciation	-1,456,070	-1,352,787	-103,283
TOTAL ASSETS 4,342,983 4,574,572 -231,590 LIABILITIES & EQUITY Accounts Payable 40,501 28,005 12,495 Due To Brookwoods 32,324 31,974 350 Due To Kent Affordable Housing 24,079 23,983 96 Due to Saddle Ridge Estates 163,409 163,204 205 Federal Taxes Payable 3,994 1,547 2,447 State Taxes Payable 705 226 479 USDA Loan 92-04 468,446 476,797 -8,351 USDA Loan 92-06 818,200 830,455 -12,255 USDA Loan 92-08 76,794 78,668 -1,874 Total Liabilities 1,628,453 1,634,859 -6,406 Equity *Retained Earnings 1,741,256 1,893,114 -151,857 Opening Bal Equity 420,287 420,287 0 Retained Earnings 665,228 665,228 0 Net Income -112,242 -38,915 -73,327 Total Equity 2,714,530 2,939,714 -225,184	Property and equipment	4,813,633	4,763,684	49,949
LIABILITIES & EQUITY Accounts Payable	Total Fixed Assets	3,357,563	3,410,896	-53,334
Accounts Payable 40,501 28,005 12,495 Due To Brookwoods 32,324 31,974 350 Due To Kent Affordable Housing 24,079 23,983 96 Due to Saddle Ridge Estates 163,409 163,204 205 Federal Taxes Payable 3,994 1,547 2,447 State Taxes Payable 705 226 479 USDA Loan 92-04 468,446 476,797 -8,351 USDA Loan 92-06 818,200 830,455 -12,255 USDA Loan 92-08 76,794 78,668 -1,874 Total Liabilities 1,628,453 1,634,859 -6,406 Equity *Retained Earnings 1,741,256 1,893,114 -151,857 Opening Bal Equity 420,287 420,287 0 Retained Earnings 665,228 665,228 0 Net Income -112,242 -38,915 -73,327 Total Equity 2,714,530 2,939,714 -225,184	TOTAL ASSETS	4,342,983	4,574,572	-231,590
Due To Brookwoods 32,324 31,974 350 Due To Kent Affordable Housing 24,079 23,983 96 Due to Saddle Ridge Estates 163,409 163,204 205 Federal Taxes Payable 3,994 1,547 2,447 State Taxes Payable 705 226 479 USDA Loan 92-04 468,446 476,797 -8,351 USDA Loan 92-06 818,200 830,455 -12,255 USDA Loan 92-08 76,794 78,668 -1,874 Total Liabilities 1,628,453 1,634,859 -6,406 Equity 420,287 420,287 0 Retained Earnings 1,741,256 1,893,114 -151,857 Opening Bal Equity 420,287 420,287 0 Retained Earnings 665,228 665,228 0 Net Income -112,242 -38,915 -73,327 Total Equity 2,714,530 2,939,714 -225,184	LIABILITIES & EQUITY			
Due To Kent Affordable Housing 24,079 23,983 96 Due to Saddle Ridge Estates 163,409 163,204 205 Federal Taxes Payable 3,994 1,547 2,447 State Taxes Payable 705 226 479 USDA Loan 92-04 468,446 476,797 -8,351 USDA Loan 92-06 818,200 830,455 -12,255 USDA Loan 92-08 76,794 78,668 -1,874 Total Liabilities 1,628,453 1,634,859 -6,406 Equity *Retained Earnings 1,741,256 1,893,114 -151,857 Opening Bal Equity 420,287 420,287 0 Retained Earnings 665,228 665,228 0 Net Income -112,242 -38,915 -73,327 Total Equity 2,714,530 2,939,714 -225,184	Accounts Payable	40,501	28,005	12,495
Due to Saddle Ridge Estates 163,409 163,204 205 Federal Taxes Payable 3,994 1,547 2,447 State Taxes Payable 705 226 479 USDA Loan 92-04 468,446 476,797 -8,351 USDA Loan 92-06 818,200 830,455 -12,255 USDA Loan 92-08 76,794 78,668 -1,874 Total Liabilities 1,628,453 1,634,859 -6,406 Equity *Retained Earnings 1,741,256 1,893,114 -151,857 Opening Bal Equity 420,287 420,287 0 Retained Earnings 665,228 665,228 0 Net Income -112,242 -38,915 -73,327 Total Equity 2,714,530 2,939,714 -225,184	Due To Brookwoods	32,324	31,974	350
Federal Taxes Payable 3,994 1,547 2,447 State Taxes Payable 705 226 479 USDA Loan 92-04 468,446 476,797 -8,351 USDA Loan 92-06 818,200 830,455 -12,255 USDA Loan 92-08 76,794 78,668 -1,874 Total Liabilities 1,628,453 1,634,859 -6,406 Equity *Retained Earnings 1,741,256 1,893,114 -151,857 Opening Bal Equity 420,287 420,287 0 Retained Earnings 665,228 665,228 0 Net Income -112,242 -38,915 -73,327 Total Equity 2,714,530 2,939,714 -225,184	Due To Kent Affordable Housing	24,079	23,983	96
State Taxes Payable 705 226 479 USDA Loan 92-04 468,446 476,797 -8,351 USDA Loan 92-06 818,200 830,455 -12,255 USDA Loan 92-08 76,794 78,668 -1,874 Total Liabilities 1,628,453 1,634,859 -6,406 Equity *Retained Earnings 1,741,256 1,893,114 -151,857 Opening Bal Equity 420,287 420,287 0 Retained Earnings 665,228 665,228 0 Net Income -112,242 -38,915 -73,327 Total Equity 2,714,530 2,939,714 -225,184	Due to Saddle Ridge Estates	163,409	163,204	205
USDA Loan 92-04 USDA Loan 92-06 USDA Loan 92-06 USDA Loan 92-08 Total Liabilities 1,628,453 1,634,859 Equity *Retained Earnings 1,741,256 Pening Bal Equity Retained Earnings Retained Earnings Net Income 112,242 138,915 -73,327 Total Equity 2,714,530 2,939,714 -225,184	Federal Taxes Payable	3,994	1,547	2,447
USDA Loan 92-06 818,200 830,455 -12,255 USDA Loan 92-08 76,794 78,668 -1,874 Total Liabilities 1,628,453 1,634,859 -6,406 Equity *Retained Earnings 1,741,256 1,893,114 -151,857 Opening Bal Equity 420,287 420,287 0 Retained Earnings 665,228 665,228 0 Net Income -112,242 -38,915 -73,327 Total Equity 2,714,530 2,939,714 -225,184	State Taxes Payable	705	226	479
USDA Loan 92-08 76,794 78,668 -1,874 Total Liabilities 1,628,453 1,634,859 -6,406 Equity *Retained Earnings 1,741,256 1,893,114 -151,857 Opening Bal Equity 420,287 420,287 0 Retained Earnings 665,228 665,228 0 Net Income -112,242 -38,915 -73,327 Total Equity 2,714,530 2,939,714 -225,184	USDA Loan 92-04	468,446	476,797	-8,351
Total Liabilities 1,628,453 1,634,859 -6,406 Equity *Retained Earnings 1,741,256 1,893,114 -151,857 Opening Bal Equity 420,287 420,287 0 Retained Earnings 665,228 665,228 0 Net Income -112,242 -38,915 -73,327 Total Equity 2,714,530 2,939,714 -225,184	USDA Loan 92-06	818,200	830,455	-12,255
Equity *Retained Earnings 1,741,256 1,893,114 -151,857 Opening Bal Equity 420,287 420,287 0 Retained Earnings 665,228 665,228 0 Net Income -112,242 -38,915 -73,327 Total Equity 2,714,530 2,939,714 -225,184			78,668	-1,874
*Retained Earnings 1,741,256 1,893,114 -151,857 Opening Bal Equity 420,287 420,287 0 Retained Earnings 665,228 665,228 0 Net Income -112,242 -38,915 -73,327 Total Equity 2,714,530 2,939,714 -225,184	Total Liabilities	1,628,453	1,634,859	-6,406
Opening Bal Equity 420,287 420,287 0 Retained Earnings 665,228 665,228 0 Net Income -112,242 -38,915 -73,327 Total Equity 2,714,530 2,939,714 -225,184	Equity			
Retained Earnings 665,228 665,228 0 Net Income -112,242 -38,915 -73,327 Total Equity 2,714,530 2,939,714 -225,184	*Retained Earnings	1,741,256	1,893,114	-151,857
Net Income -112,242 -38,915 -73,327 Total Equity 2,714,530 2,939,714 -225,184	Opening Bal Equity	420,287	420,287	0
Total Equity 2,714,530 2,939,714 -225,184	Retained Earnings	665,228	665,228	0
			-38,915	
TOTAL LIABILITIES & EQUITY 4,342,983 4,574,572 -231,590	Total Equity	2,714,530	2,939,714	-225,184
	TOTAL LIABILITIES & EQUITY	4,342,983	4,574,572	-231,590

Kent Sewer Commission Income and Expense Actual vs. Budget

	Jul -Dec 18	Budget	% of Budget
Income			
Septage Fees	37,903	40,000	94.8%
Sewer User Charges	137,541	130,054	105.8%
Total income	175,443	170,054	103.2%
Expense			
General & Admin Expenses			
Accounting/Bookkeeping Services	2,750	3,300	83.3%
Audit	2,580	2,500	103.2%
Bank Service Charges			
Office Supplies		350	0.0%
Outside services-Admin	150	300	50.0%
Printing & Advertising			0.0%
Software/Licensing Fees	3,005	2,220	135.4%
Total General & Admin Expenses	8,485	8,670	97.9%
Operating Expenses			
Continuing Education		500	
Depreciation			
Electricity	17,850	14,100	126.6%
Fuel	1,082	1,100	98.3%
Insurance			
Dental Insurance	660	755	87.4%
Liab Auto Prop Insura	573	600	95.4%
Life Insurance	65	65	100.6%
Medical	15,574	13,607	114.5%
Workman's Comp	1,828	2,500	73.1%
Total Insurance	18,700	17,527	106.7%
Internet	132	360	36.7%
Lab exams	7,380	6,720	109.8%
Materials and supplies	3,909	750	521.3%
Miscellaneous	171	-	100.0%
Outside Services-Operating	23,873	8,650	276.0%
Parts & Repairs	4,187	4,700	89.1%
Payroll Expenses	58,275	58,509	99.6%
Payroll taxes	2,810	4,476	62.8%
Pension	875	2,672	32.7%
Permit fees	2,361	2,100	112.4%
Postage	85 4	990	86.3%
Professional fees			
Engineering fees	9,875	25,546	38.7%
Legal fees	779	2,500	31.2%
Total Professional fees	10,654	28,046	38.0%

Kent Sewer Commission Income and Expense Actual vs. Budget

	Jul -Dec 18	Budget	% of Budget
Telephone	755	1,020	74.0%
Uniforms	957	774	123.6%
Total Operating Expenses	154,824	152,994	101.2%
Total Expense	163,309	161,664	101.0%
Investment income	229	300	76.2%
Transfers In	38,906	38,906	
Other Expense			
Capital Reserve	17,544	11,904	147.4%
Short Term Asset Reserve	3,509	2,550	137.6%
Maple Street Extension 100% of Connection Fees		1 760	
80% of User Fees Collected		1,750	
Total Maple Street Extension		1,750	0.0%
USDA Loan Interest (92-06) (92-04) (92-08)	26,651	26,990	
Net Income and Expense	3,565	4,402	81.0%

Budget is only for report period NOT full year

Transfers to Capital and ST Asset Reserve of 21,053 are only posted to show amounts sequestered.

These amounts are not technically an expense and are included as part of the net income on the Balance Sheet.

Capital Expenses pd w/ Capital Funds -136,861 Aeration equipment and Aeration System upgrade

Engineering Costs for Aeration project

by including these items

the net income is actually -112,243

Kent Sewer Commission Operating Account ledger

As of December 31, 2018

Date	Num	Name	Мето	Amount	Balance
1 USB					78,413.35
Operating - 80					78,413.38
12/05/18	12/05/18	Sewer Customers		2,228.95	80,642.33
12/06/1B		QuickBooks Payroll Service	Direct Deposit for 12/7/18	-3,014,68	77,627,65
12/07/18	DirDep	Kearns, Joyce	Direct Deposit	0.00	77,627.65
12/07/18	DirDep	Sommers, Lyte R	Direct Deposit	0.00	77,627.65
12/07/18	DirDep	Warner, Jesse T	Direct Deposit	0.00	77,627.65
12/07/18	10703	ABT	November bookkeeping support	-550.00	77,077.65
12/07/18	10704	ACE Hardware	paint, rule tape, bead wire, clamp, cutoff blade, primer, PVC cement, gutter guard screen, scrub	-143,28	76,934.37
12/07/18	10705	Aramark	860075607	-73.26	76,661.11
12/07/18	10706	HVA	CAD drawing to Bart Clark PE - per Patricia Braislin	-80.00	76,781.11
12/07/18	10707	Sommers, Lyle - Reimbursement	Telephone reimbursement - November 2018	-80.00	76,701.11
12/07/18	10708	Tunxis	Lab exams - 8/29, 11/26, 11/30, 12/5	-1,028.00	75,673.11
12/12/18	12/12/18	Sewer Customers		2,724.55	78,397.66
12/14/18	10709	Frontier	Telephone and Internet service: 12/1/18 - 12/31/18	-65.38	78,312.28
12/14/18	10710	Superior Plus Energy	329.3 gai heating fuel	•778. 2 7	77,534.01
12/14/18	10711	Tunxis	12/6/18	-257.60	77,277.01
12/14/18	10712	Welsh Senitation	Commercial service: November 2018	-45.34	77,231.67
12/14/18	10713	USA Blue Book	mercold snap action pressure switch, Y-strainer, socket 1/2 in clear pvc, 1/32 in pvc screen	-170.30	77,061.37
12/19/18	12/12/19	Sewer Customers	and the second second	1,262.52	78,323.69
12/20/18		QuickBooks Payroll Service	Direct Deposit for 12/21/16	·3,014.66	75,309.23
12/21/18	DirDep	Keams, Joyce	Direct Deposit	0.00	75,309.23
12/21/18	DirDep	Sommers, Lyle R	Direct Deposit	0.00	75,309.23
12/21/18	DirDep	Warner, Jesse T	Direct Deposit	0.00	75,309.23
12/28/18	40-44	QuickBooks Payroll Service	Ofrect Deposit for 12/29/18	-707.70	74,601.53
12/28/18	10714	Alon Industries, Inc.	Agration System upgrade - 73% complete	-18,900.00	55,701.53
12/31/18	DirDep	Davaux, Deborah 3.	Direct Deposit	0,00	55,701.53
12/31/18	DirDep	Soule Jr., Milard L	Direct Deposit	0.00	55,701.53
12/31/18	12/12/21	Sewer Customers	- · · · · · · · · · · · · · · · · · · ·	315.01	56,016.54
12/31/16	Trasf	Kent Sewer Commission	Transfer Capital Reserve and ST Asset reserve accruais to date	-1,340.98	54,675.56
Total Operation	g • 6044			-23,737.82	54,675.55
Total 1 USB				-23,737.62	54,675.56
TOTAL				-23,737.62	54,675.56

(860)868-1367

MEMORANDUM

From: Bart Clark

Date: January 6, 2019

TO: Kent Sewer Commission

Re: Status Report January 2019

Aeration Project - Alon Industries has installed the Aerators in the both the Digester and aeration tank. They are operating properly. During installation of the grids in the Aeration Tank, the sludge, rag and grit had accumulated to levels well beyond those measured previously. The Commission's operators assisted with the removal of this material to allow the aeration grids to be installed.

Plant Grinder - The Commission will have to determine if and when the right time is to replace the grinder which no longer operates and to consider a schedule to upgrade to automatic screening and grit removal.

System wide Smoke Testing – There were three issues that came out of the smoke testing that need to be followed up on. Draft Letters to each of the property owners have been prepared for the Commission's consideration.

The Kent School Campus was part of the smoke testing. We have prepared a letter for the Commission to consider concerning requiring the School to study how the water is entering the system and make a plan to prevent it from occurring in the future. The Commission needs to decide if the letter should be revised and then mailed.

Ease Slopes around Infiltration Basins - The Commission decided to rebid the project in in January or February of this year.

Filter Press – I have met with the Superintendent and representatives of the press manufacturer. We are trying to resolve a few issues before the manufacturer revises his quote on the press and installation. This effort has been delayed dealing with the aeration project.

Ordinance Update and New Application Form

A draft of the updated Sewer Use Ordinance was provided by the Attorney and we have provided a redline of the Ordinance for the Commission's review. The Redline added sections to cover water meter installation, community systems, described the user fee system, septage receiving regulations and others. Further work will be needed to bring the rough draft

A preliminary draft of a new application form was prepared in August for discussion purposes.

The Collection system map has been updated by Josh Reynolds. Finished copies of the map will be available at the January meeting.

Miscellaneous Projects

Morrison Gallery - No work has been requested in the past month.

Kent Mobile - Final inspection of the clean-out covers on the sewer line will be needed.

Plant Water System - We have been working with the Superintendent to repair the plant water system.



354 State Route 29 Greenwich, New York 12834 Phone No 518-695-6851 E-mail_dan@bdpindustries.com

Date: January 15, 2019

Page: 1 of 7

To: Town of

Town of Kent Wastewater Treatment Plant

Kent, CT

Attn: Lyle Sommers

WWTP Superintendent

Re: One (1) 0.5m 2VP Belt Press System

BDP Firm Proposal #: 061118-1406 REV B

BDP Industries, Inc. is pleased to offer our quotation for the one complete dewatering system including a 0.5 meter 2VP Belt Filter Press and accessories.

EQUIPMENT DESCRIPTION

One (1) complete skid mounted Model 2VP Belt Filter Press, equipped to dewater the waste sludge from the Kent WWTP. The 2VP equipment package includes a complete press and appurtenant equipment described as follows:

- One (1) 316L stainless steel polymer injection and polymer/sludge mixing system consisting of an injection ring, variable vortex mixer, and reducing fittings.
- One (1) 0.5 meter 2VP, 2-belt, belt filter press with the following design features:
 - a.) Hot dipped galvanized tubular steel frame per ASTM A123.
 - b.) Frame safety factor of 10.
 - c.) 0.5 meter effective belt width (0.7m total belt width)
 - d.) Machined bearing pads.
 - e.) Up-flow feedbox.
 - f.) Variable speed paddle distributor wheel for feedbox.
 - g.) Eight foot gravity section at operator level.
 - h.) 1/4" x 3" stainless steel gravity deck support spaced every 6 inches.
 - Four (4) rows of adjustable, furrowing plows with 304 stainless steel support bars.
 - i.) Curved wedge section.
 - k.) 304 stainless steel, 20" diameter, perforated roller.
 - I.) Eight s-wrap pressure section.
 - m.) UHMW scraper blades.
 - n.) Nylon covered rollers.



354 State Route 29 Greenwich, New York 12834 Phone No 518-695-6851 E-mail: dan@bdpindustries.com

- 9. One (1) discharge chute, 304 stainless steel.
- One (1) hot dipped galvanized equipment skid. The equipment skid will
 include the belt press, control panel, hydraulic unit, booster pump, sludge
 pump and polymer system mounted to the skid and will be pre-wired and preplumbed at the BDP Factory.
- 11. One (1) Lime Feeder System for post-lime addition:
 - One (1) Torit Model UMA 40 dust collection system.
 - One (1) 304 stainless steel hopper capable of holding 80 pounds of lime.
 - One (1) 4" diameter 304 stainless steel screw auger, tube screw with full pitch flighting. ¾ HP DC drive motor.
 - Controls for the lime feeder system will be located in the belt press control
 panel.
- 12. One (1) 9" diameter x 14'10" long, 304 stainless steel, u-trough shafted screw conveyor with 3 HP TEFC drive motor.
- All start-up, mechanical checkout and operator training. Service to include three (3) separate trips with seven (7) days of on-site services.
- Three-year machine warranty.
- Freight to the jobsite.
- 16. Removal of the existing belt press.
 - a) Disconnect Sludge Line.
 - b) Disconnect water line.
 - c) Disconnect polymer line
 - d) Disconnect Power into existing control panel
 - e) Remove Control Panel.
 - Remove existing sludge pump.
 - Provide Schedule 80 PVC and parts to re-connect sludge line in the vault.
 - g) Removal of the existing press.
 - Removal of the existing concrete piers.
 - Removal of the existing polymer tank.
- 17. Installation of the new press.
 - a) Unload press skid.
 - b) Install new belt press skid.
 - Connect power wires to control panel on skid.
 - d) Provide necessary main breaker in the new control panel.
 - e) Install sludge pump.
 - f) Install underground conduit and wire for Sludge Pump.



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- g) Connect existing sludge line to skid with Schedule 80 PVC.
- Connect existing water line to skid with Schedule 80 PVC.
- i) Brace lines.
- Install new discharge chute and conveyor.
- k) Install lime system.
- Connect Schedule 40 PVC drain lines to existing center filtrate drain.

The model 2VP belt press will come completely factory-assembled, tested and will be shipped skid mounted in one piece. The polymer injection device, hydraulic unit, booster pump, polymer system, sludge pump, flow meter, VFDs and electrical control panel will be mounted on the equipment skid. The 0.5m 2VP does not require elevated catwalks around the gravity section because the gravity zone is at operator level.

ITEMS NOT INCLUDED IN THIS SCOPE OF SUPPLY

- 1. Applicable taxes of any kind.
- 2. Insulated shed and heater for sludge pump.
- 3. Disposal of the existing press.

SUBMITTAL DATA

Submittals will be made in the number of copies specified and will be available within 4 to 8 weeks after firm purchase order and all information is received at the factory.

SHIPMENT

Approximate shipping weight of the unit is 20,000 pounds. Estimated shipping time is 22 to 26 weeks after receipt of submittal approval.

FIELD SERVICE

Installation observation, testing and operator instruction services as listed above will be supplied. Additional service can be supplied at a service rate of \$1,000 per day plus travel expenses.



354 State Route 29 Greenwich, New York 12834 Phone No 518-695-6851 E-mail; dana bdpindustries.com

FIRM PRICING

The total price for the above equipment is listed below in US Dollars (\$).

This price includes the shipping cost to the job site or nearest unloading point. The price does not include applicable taxes of any kind. This quotation will be valid for sixty (60) days from the date of this proposal.

ITEM	0.5m 2VP
Belt Press:	
Includes relay-based control panel with pushbuttons	\$120,000
Hydraulic Unit	\$4,500
Polymer Blending Unit	\$22,000
Sludge Feed Pump - 75 gpm	\$18,500
Equipment Skid:	E CHO
Pre-wired & pre-plumbed and tested at the factory	\$25,000
Freight & Startup Services	\$9,500
TOTAL	\$199,500
Optional Adders	
	a eligini, est
Installation: Includes removal of existing belt press and concrete piers, along with complete installation of new equipment skid.	\$32,000
Sludge pump wiring from the control panel to the sludge pump	\$10,000
Control Panel with PLC and Touchscreen	\$20,000
Lime Feeder	\$36,000
Discharge Conveyor	\$27,000

TERMS

Terms of payment are 90% prior to shipment of equipment and 10% upon start up. The attached Conditions of Sale are hereby made a part of this proposal.



354 State Route 29 Greenwich, New York 12834 Phone No 518-695-6851 E-mail: dan@bdpindustries.com

We appreciate this opportunity to extend our quotation and if we can answer questions or supply additional information, please do not hesitate to contact Tim Bezler of David F. Sullivan & Associates at 203-731-4318.

Sincerely,

Dan Fronhofer, P.E. BDP Industries, Inc.

re.

A.J. Schmidt, BDP Industries, Inc. & Tim Bezler, David F. Sullivan & Associates

CONDITIONS OF SALE - COS 5-86

GENERAL. — This contract will exist between BDP Industries, Inc. (hereafter referred to as BDP) and the buyer only when accepted in writing by an officer of BDP. The prices quoted herein are firm for a period of 180 days if a contract is entered within sixty (60) days from the date on the face of this proposal. Any amendment to this contract must by in writing and acknowledged by both parties.

TERMS OF PAYMENT — Payment is to be made on a net basis within thirty (30) days after invoice, subject to credit approval by BDP. The buyer's payment obligation is not dependent upon the buyer's receipt of payment from any other party. BDP reserves the right to invoice on partial shipments. Any balance owed by the buyer beyond thirty (30) days or more after due is subject to delinquency charges of 1.5% per month or any fraction thereof. This shall be in addition to any other amounts due and buyer shall reimburse BDP for all collection costs, including attorney's fees BDP may incur with respect to collection of past due amounts from the buyer.

TAXES — This proposal does not include any Federal, State or Local Sales, Privilege, Use or any other taxes of any kind applicable to the sale of the equipment covered under this agreement. These taxes shall be paid by the buyer or the buyer shall provide BDP with a tax exemption certificate applicable to proper taxing authority.

SHIPMENT — All shipment will be F.O.B. factory, Shipping estimates contained herein are based on time of receipt at BDP's factory of all details pertaining to the order which are essential to contract completion.

FORCE MAJEURE — BDP shall not be liable for any loss or damage of any nature whatsoever incurred or suffered as a result of any failures or delays in performance due to any cause or circumstances beyond its, or its subcontractors—or suppliers—control, including, but not by way of limitation, failure or delays in performance caused by strikes, lockouts or labor disputes, acts of purchaser, fires, acts of God or the public enemy, riots, incendiaries, interferences by civil or military authorities, compliance with the laws of the United States or with the orders or policies of any Governmental authority, delays in transit or delivery on the part of transportation companies or communication facilities or failure of sources of raw material. In the event of such delay, the time of delivery or completion shall be extended by a period of time equal to the period of delay plus such time as needed for start-up and/or remobilization, provided however, should the Force Majeure situation extend beyond six months the contract may be canceled by either party. Purchaser shall reimburse BDP for all costs and expenses including overhead costs which BDP may have reasonably incurred in terminating the contract, plus an amount as reasonable profits on that portions to the contract which has been completed.

WARRANTY — BDP warrants the equipment manufactured by it to be free from defects in materials and workmanship for a period of 40 months from the date of shipment or 36 months from the date of start-up, whichever occurs first. BDP will repair or replace, at its option, F.O.B. its factory, any defective part or material, provided prompt notification is rendered in writing. The repair or replacement of items such as light bulbs, grease, oil, drive Screws or chains, pump seals, etc. are not covered by this warranty and are considered normal consumption and routine maintenance items. In addition to the replacement of defective parts, BDP will also provide such labor as it deems necessary, to repair a defect in the main frame structure. BDP will not assume the cost of any modification or repair of its equipment unless it specifically gives authority for such action. THIS



354 State Route 29 Greenwich, New York 12834 Phone No 518-695-6851 E-mail: dan@bdpindustries.com

WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHERS. BDP MAKES NO WARRANTY AS TO FITNESS OF ITS PRODUCTS FOR PARTICULAR PURPOSE OR MERCHANTABILITY.

LIMITATION OF LIABILITY — A. In no event, be it due to breach of any warranty hereunder or any other cause rising out of performance or non-performance of the obligations herein, whether any such breach or cause be or sound in tort, contract or otherwise, shall BDP be liable for indirect, special or consequential damages (such as, but not limited to, loss of profits, plant downtime, fines, penalties, or cost of replacement services) or suet by third parties against the purchaser (excluding suits regarding patents on title to the goods furnished hereunder). B. BDP's total cumulative liability for any and all reasons shall not exceed an amount equal to the contract price.

CLAIMS — The buyer shall immediately inspect equipment within ten (10) days after receipt, BDP is not obligated to consider any claim for shortages or non-conformance unless notified by the buyer within ten (10) days after his receipt of the goods in question, BDP is not responsible for loss or damage in transit, however they will lend any possible assistance to the buyer in his pursuit of claim recovery.

CANCELLATION - BDP will accept cancellation of this order upon receipt of payment for percentage of the contract equal to a percentage of the work completed. This shall be, at a minimum, 20% of the contract price.

STORAGE — If the buyer delays shipment, then the buyer agrees to pay all invoices as they become due. The buyer further agrees to pay, in addition, storage charges computed at 1.5% per month of the invoice price of equipment stored.

PERMITS — The buyer shall assume full cost and responsibility to obtain all permits or licenses with respect to the installation and operation of the equipment covered under this agreement. This shall include all requirements by Federal, State and Local governmental bodies.

OTHER — This contract shall be governed in accordance with the laws of the State of New York. These conditions and terms are the only terms and conditions that will be binding upon the parties unless amended, and acknowledged, in writing by both parties. No assignment of this proposal or any purchase order resulting here from shall be binding on BDP unless accepted in writing by BDP.

(860)868-1367

MEMORANDUM

Date: January 6, 2019

TO: Kent Sewer Commission

From: Bart Clark

Re: Preliminary Capital Projects List

The Commission had an interest in understanding what large projects/equipment purchases are expected in the next 5 years, 5-10 yr, and more than 10 yr periods. This memo starts a list of projects for the Commission's consideration. A separate memo has the project selected for the 2019 to 2020 Budget Year.

The Commission can consider prioritizing the projects in the first five years and determine priorities for different projects. The Capital Project Plan can be updated every year to take projects off that are completed and add new projects. All cost currently shown are conceptual "order of magnitude" and will have to be revised once more data is obtained to more closely estimate the project costs.

Some projects will not be able to be foreseen. The biggest question mark at the moment is what new requirements that a revised discharge permit will place on the plant operations and what improvements may be needed to meet these requirements.

1.0 Within 5 years

Priority No.	Title	Description	Anticipated Costs	Schedule to complete
	Roof Repairs Maintenance Barn	The Commission is evaluating economics of repair vs replacement.		Investigating for 2018/19 budget year
:	New Filter Sand for Infiltration Basins	Replace Sand in Beds 2 and 3	\$24,000	Summer 2019
		Replace Sand in Bed #4	\$16,000	Summer of 2020
	Ease Slopes around Infiltration Beds	Add blocks to Bed 2 & 3	\$14,000	Summer of 2019
		Add Blocks to Bed #4	\$14,000	Summer of 2020

Priority No.	Title	Description	Anticipated Costs	Schedule to complete
	Sludge Pump Pit Access	Sludge pump is in an underground chamber. The check valves need to be cleaned regularly. The access is through a hatch to a small underground tank. This arrangement is difficult because: it is difficult to work in, it is a confined space which means that safety precautions should be used; the electrical components are no longer operational; and it frequently floods. The proposed improvement is to remove the top of the tank put a framed shed above it with electrical out of the flooding	\$10-20,000	
	Sludge dewatering equipment replacement	zone. The existing equipment is 25 yrs old at the time of this memo. This equipment lasts a long time, but, it should be scheduled for replacement rather than rebuild based on an inspection of the equipment manufacturer. This includes replacement of the sludge pump	\$300,000	
	Sludge/septage Stabilization system	Current Federal regs require sludge be stabilized to prevent odor and minimize chance of disease.	\$150,000	
	Headworks upgrade for Grit removal and screenings removal	Rags are a significant problem in the treatment system. The existing manual screen and "grinder" are old and will need upgrading to minimize problems in treatment system and improve quality of sludge to allow land disposal to continue.	\$80,000- 100,000	
	Septage Pit security fencing	Security fence surrounds only 3 sides with no gate on north side at septage drop-off. May wish to do something Temporary until the Commission decides on fate of Septage Infiltration Basin	\$5,000	

Priority No.	Title	Description	Anticipated Costs	Schedule to complete
	Upgrade Heating and Air conditioning system in Plant Office/Lab	The existing units are outdated and/or not operational. They should be replaced with more efficient units.	\$10,000	
	Lawn Mower	Existing Mower is nearing end of useful life.	\$20,000	Replace in 2020
	Sewer User Billing System Upgrade	20 yr old system, Time to replace or update?	?	
	Sampler Replacement	Automatic samplers are more than 10 yrs old. Replacement should be scheduled.	\$9,000 ea	2020
	Maintenance Building Garage Door Replacement	The existing doors are showing their age and are hard to operate and do not seal very well (3 doors total)	\$20,000	Completed in 2018

2.0	Projects for 5 to 10 yr period			
Item	Title	Description	Anticipated	Funding
No.			Costs	Source
2.01	Septage Receiving Station	The septage station should	\$100,000	
	Upgrade	contain a screening mechanism		
1		to prevent large/visible objects		Ì
		from entering the septage pits		
		and being disposed of on the		
		land.		
2.02	Construction of parallel aeration	The Plant was constructed with	\$500,000	
ļ	and sludge digester tanks or an	only one aeration tank and		
	alternative treatment system	sludge digester a parallel tank		
		system should be provided to		
		allow major maintenance on the		}
		existing tanks.		
2.03	Repair and painting of the	During the Aeration upgrade	\$250,000	į.
	existing Aeration Tank and	project, the tanks that make up	.30	ļ
	Sludge Digester	the Aeration and sludge digester		·
		were shown to be corroded in		
		spots and have significant rust		
		blooms.		
2.02	Septage Infiltration Pit	The septage pits do not infiltrate	\$100,000	
	refurbishment	the water in the discharge		
	·	septage which requires the		
Ì		operators to pump the water to		
		the fields. The septage pits		
		should have adequate area and		ļ
		conditions to allow this water to		
Į		be infiltrated into the ground or	Į.	
		the practice of pumping onto the	1	
	1.0	fields needs to be changed to		
		incorporate the water directly		
2.02	Detail Comment	into the soil.	605.000	
2.03	Portable Generator Replacement	The generator is getting older	\$25,000	
		and should be scheduled for		Ì
		replacement to maximize		
2.04	Acres Diames Victoria	reliability.	6100 000	
2.04	Aeration Blower Upgrade	The existing blowers could be	\$100,000	Ī
		upgraded to a more efficient		
2.05	Twel Dodoows	system.	850,000	
2.05	Truck Replacement	The existing truck was used	\$50,000	
		when bought, but, its age will		
		make it a candidate for	1	
		replacement to maximize		}
	J	reliability.	L	.L

3.0	Projects More than 10 yrs in fut	ure		
Item No.	Title	Description	Anticipated Costs (today's dollars no adjustment for inflation)	Funding Source
3.02	Judd Ave Pump Replacement/Rebuild	Pump replacement should be anticipated in 15 to 20 years from installation (2010).	\$10,000	
3.03	Relining/Ice Pigging Force main Under Housatonic River	The sewer force main is approx. 45 yrs old. It should be expected to require some maintenance.	\$60,000	
3.04	Relining Schaghticoke Rd Sewer Line	The sewer main is approx. 45 yrs old. It should be expected to require some maintenance.	\$60,000	des,
3.05	Johnson Rd Sewer Line Extension	Several homes at the end of Johnson Rd are in a flood zone and have minimal area for repairing existing septic systems. A sewer line extension should be planned for in this area.	\$200,000	
3.06	Relining Elizabeth and Lane St Sewer	Portions of these lines have not been relined.	\$100,000	
3.07	Relining sewer from Bridge St to Judd Ave Pump Station	Some repairs have never been made but full relining will be needed.	\$100,000	
3.08	Relining Sewers in Elizabeth St (south) and Judd Ave	Relining will be needed at some point in the future.	\$80,000	

(860)868-1367

MEMORANDUM

From: Bart Clark

Date:

January 6, 2019

TO:

Kent Sewer Commission

Re:

Capital Projects Budget for 2018 to 2019 Budget Year and remainder of this year.

Kent Sewer Commission

This is a list of the Capital Projects to be undertaken in the next year.

Priority No.	Title	Description	Anticipated Costs	Schedule to complete
1.0	Video Inspection and repairs for Sewer Lines	6" North Main Sewer. A repair in Lane Street needs to be completed.		Completed 2018. \$4,100
2.0	Godwin Emergency Pump Repair/Replacement	Pump has been sent to manufacture for Service.		Completed 2018. \$20,000
3.0	New Filter Sand for Infiltration Basins	Replace Sand Bed #1	\$16,000	Reschedule for Summer of 2019
4.0	Ease Slopes around Infiltration Beds	Perform Earthwork around all 4 beds on 2 outside edges	\$10,000	Summer of 2019
		Add Blocks to bed #1	\$20,000	Summer of 2019
5.0	Aeration Diffuser Upgrade	Address low d.o. in aeration. More diffusers are needed to insure the proper amount of air is being delivered in order to achieve the design capacity of the treatment system.		Complete winter 2019 \$190,000
6.0	Tractor Manure Spreader and Harrow	Tractor is getting older may need replacement soon. Current manure spreader is out of operation.		Complete. \$52,000
7.0	New Fill in base of Septage Receiving Lagoons	The recently cleaned septage lagoon showed that the bottom of the lagoon is 4 to 6 ft lower than the required design level. Approximately 270 yards of fill are required for each lagoon.	\$8,000	Basin 2 Summer of 2019

L	Priority No.	Title	Description	Anticipated Costs	Schedule to complete
	8.0	Smoke Testing Sewers to identify Inflow	Current flows show inflow during heavier rain storms is a big problem. The system needs to be inspected to meet terms of operating permit from the State. Only Sanitary wastewater should be treated.		Complete Summer of 2018. \$20,000 total
	Total			\$54,000	

The Commission is discussing starting the projects necessary to replace the Sludge pump, belt press and lime stabilization this year also. These have not been included on this list.

MENT TOWN CLERK
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