

**STATE OF WEST VIRGINIA, COUNTY OF UPSHUR, CITY OF BUCKHANNON, TO WIT:**

A regular scheduled meeting of the City of Buckhannon Sanitary Board was held June 21, 2018 at 4:00pm at The Sam Ludlow Sewer Plant with the following persons present:

Mayor	David McCauley	Present
Recorder	Colin Reger	Present
Finance Director/Assistant Recorder	Amberle Jenkins	Absent
City Engineer	Jay Hollen	Present
Board Member	Gene Frye	Present
Board Member	Phil Loftis	Absent
Plant Engineer	Sam Ludlow	Present
Sanitary Superintendent	Erasmus Rizo	Present
Director of Public Works	Jerry Arnold	Present

Guest in attendance: Becky Martin, Robert Ehrlich and Cheryl Ehrlich.

**Meeting Agenda Posted 06/18/18**

***City of Buckhannon Tour of the Waste Water Treatment Plant  
3:00 p.m. at 298 Sewer Plant Rd & Sanitary Board Meeting at 4:00 p.m.  
Meeting Agenda for Thursday, June 21, 2018***

---

- A. **Call to Order**
  - A.1 **Moment of Silence**
  - A.2 **Pledge to the Flag of the United States of America**
- B. **Recognized Guests**
  - B.1 **Rex Harris (9- Maple St.) -Stormwater**
- C. **Finance Report-Amby**
  - C.1 **June 2018**
- D. **Department Report**
  - D.1 **Wood St. Road Repairs**
  - D.2 **Shawnee, West View Acres, Henry St.**
  - D.3 **Mapping Updates -GIS**
  - D.4 **Land Apply 80-100 tons of Biosolids**
  - D.5 **Pump Station/Deanville**
- E. **City Engineer Report**
- F. **Correspondence and Information**
  - F.1 **DEP Laboratory Auditor Change**
  - F.2 **Scrap Metal Recycled**
  - F.3 **PSC-Municipal & Association Seminar July 17-18, 2018**
- G. **Consent Agenda**
  - G.1 **Approval of Minutes -May 15, 2018 Sanitary Board Meeting**
- H. **Strategic Issues for discussion and vote**
  - H.1 **UV Unit Upgrade**
  - H.2 **F550 Truck Stainless Steele Dump Bid Package**
- I. **Stormwater**
  - I.1 **Swisher Street Culvert**
  - I.2 **June 2, 2018 Storm event**
- J. **Board Members Comments and Announcements**
- K. **Mayor's Comments and Announcements**
- L. **Adjournment** **Posted 06/18/18**

**Press Release**

CityPR:City of Buckhannon dedicates Sewer Plant to innovative engineer and longtime manager Sam Ludlow



**City of Buckhannon dedicates Sewer Plant to innovative engineer and longtime manager Sam Ludlow**

June 21, 2018

BUCKHANNON, WV: Colleagues, family, and friends gathered Thursday afternoon to rename the Buckhannon Sewer Plant in honor of longtime engineer and creative, kind manager, Sam Ludlow. While Ludlow is not retiring just yet, the City wanted to recognize his dedication and ingenuity in managing the storm and sanitary sewer systems for thirty years for the City of Buckhannon and forty-five years of service to the community in various engineering-related roles with the Region VII Planning & Development Council and the engineering firm responsible for the design of the Buckhannon Sewer Plant.

The Sam Ludlow Sewer Plant was constructed in 1987 thanks in part to funding from the United States Environmental Protection Agency (EPA). Since then, the plant, led by Ludlow established a "firm policy regarding control of sewer extensions and has become actively engaged in the construction of extensions, replacement sewers, and storm sewers" (Combined Sewer Operations Long Term Control Plan Update). His leadership and innovative practices allowed a system that normally would reach its lifespan in thirty years, continue to operate with an expected operation for another forty or more years, saving City residents millions of dollars.

Thank you, Sam Ludlow!

[Callie.csams@buckhannonwv.org](mailto:Callie.csams@buckhannonwv.org)

<http://buckhannonwv.org/city-of-buckhannon-dedicates-sewer-plant-to-innovative-engineer-sam-ludlow/>



**DEDICATED BY THE CITY OF BUCKHANNON DURING THE REDEDICATION OF OUR CITY'S SEWER PLANT – JUNE 21, 2018 - Mayor David W. McCauley**



**SPECIAL THANKS-**

- 1. Ann Ludlow, co-conspirator!**
- 2. Our City Sewer Department Staff**
- 3. The Sign Guy**

**THE CITY OF BUCKHANNON  
REDEDICATES ITS  
SEWER PLANT IN TRIBUTE  
TO SAM LUDLOW**



**3:00 P.M. THURSDAY, JUNE 21, 2018  
BUCKHANNON SEWER PLANT**

**SAM LUDLOW BIOGRAPHY**

**\*BORN SEPT. 29, 1946, FELTON, DELAWARE**

**\*B.S. CIVIL ENGINEERING FROM U. OF DELAWARE 1969**

**\*ROTC + MILITARY SERVICE**

**\*MASTERS DEGREE FROM CORNELL UNIVERSITY IN SANITARY ENGINEERING 1971**

**\*BEGAN WORKING FOR REGION VII PLANNING & DEV. COUNCIL IN 1973-80 ASSISTING  
BUCKHANNON**

**\*KELLEY, GIDLEY, BLAIR, & WOLFE 1980-88 CONTINUING TO ASSIST OUR CITY & REGION**

**\*1988 AT URGING OF MAYOR TONY GUM, SAM CAME ABOARD AS BUCKHANNON'S ENGINEER & SEWER SUPERINTENDENT**

**\*DESIGNED & SUPERVISED DOZENS OF PROJECTS DURING THE PAST 30 YEARS WITH OUR CITY EXTENDING THE LIFE OF OUR SEWER PLANT BY 40-50 YEARS; ADDING 30+ MILES OF SANITARY & STORM SEWER TO OUR PUBLIC UTILITY SYSTEM**

**\*ASSUMED LEADERSHIP ROLE IN NUMEROUS PUBLIC WORKS PROJECTS INCLUDING SOLID WASTE TRANSFER STATION, BUCKHANNON DAM, & MANY MORE**

**\*SAM'S "IN-HOUSE" MODEL OF PROJECT CONSTRUCTION & MAINTENANCE WAS ADOPTED AS OUR CITY-WIDE APPROACH TO ALL PUBLIC WORKS PROJECTS**

**\*SAM'S LEGACY IS SIMPLY 45 YEARS OF PROFESSIONAL EXCELLENCE & PROTECTING OUR ENVIRONMENT!**

**\*HUSBAND TO ANN, STEPDAD TO CECILIA & RACHEL; MAINTAINS AN EXCELLENT FARM IN TALLMANSVILLE!**

### **OUR PROGRAM**

**GREETINGS - DAVID McCAULEY, MAYOR**

**REMARKS – TONY GUM, MAYOR 1987-96**

**REMARKS – JERRY ARNOLD, DIR. PUBLIC WORKS**

**REMARKS - AMBY JENKINS, DIR. OF FINANCE & ADMINISTRATION**

**REMARKS – TIM ROCK, RET. SEWER SUPER.**

**REMARKS – ERASMO RIZO, SEWER SUPER.**

**REMARKS – MARK SANKOFF, POTESTA ENGS.**

**REMARKS – BUD McCALLISTER, TERRADON CORP.**

**REMARKS – BUCK SAMPLES, SEWER DEPT.**

**REMARKS – GENE FRYE, SANITARY BOARD**

**UNVEILING OF NEW SAM LUDLOW BIO + SEWER PLANT SIGNS**

**OUR HONOREE – SAM LUDLOW!**

**CLOSING REMARKS – MAYOR McCAULEY**

**TOUR OF SEWER PLANT IMPROVEMENTS**

**RECEPTION FOLLOWED BY REGULAR SANITARY BOARD MEETING**

### **\*\*SAMUEL S. "SAM" LUDLOW\*\***

SAMUEL S. "SAM" LUDLOW WAS BORN ON SEPTEMBER 29, 1946 IN FELTON, DELAWARE, SON TO LOUISE & LOTT LUDLOW. AFTER GRADUATING FROM FELTON HIGH SCHOOL IN 1964, SAM ENROLLED AT THE UNIVERSITY OF DELAWARE, GRADUATING WITH A BACHELOR OF SCIENCE DEGREE IN CIVIL ENGINEERING IN 1969. HE PARTICIPATED IN UNDERGRADUATE SCHOOL IN R.O.T.C., & UPON COMPLETING HIS STUDIES AT DELAWARE, PERFORMED SIX MONTHS OF ACTIVE DUTY IN OUR MILITARY SERVICE. SAM THEN WENT ON TO EARN HIS MASTER'S DEGREE IN SANITARY ENGINEERING AT CORNELL UNIVERSITY IN 1971.

AFTER WORKING FOR TWO YEARS FOR EDWARD H. RICHARDSON & ASSOCIATES IN NEWARK, DELAWARE, SAM TOOK A JOB AS ENVIRONMENTAL ENGINEER WITH THE REGION VII PLANNING & DEVELOPMENT COUNCIL IN BUCKHANNON WHERE HE WORKED FROM 1973-80. HE PROVIDED VALUABLE, TECHNICAL SUPPORT TO CITIES & COUNTIES THROUGHOUT OUR REGION, BUT BUCKHANNON WAS SAM'S HOME. FROM 1980-88, SAM WAS EMPLOYED AS AN ENGINEER & OFFICE MANAGER FOR KELLEY, GIDLEY, BLAIR, & WOLFE'S BUCKHANNON OPERATIONS, KGBW HAVING SERVED AS OUR CITY'S PRIMARY CONSULTING ENGINEERING FIRM DURING THAT TIME. SAM WAS INTEGRAL IN CONSULTING WITH BUCKHANNON CITY OFFICIALS FROM 1973-88 REGARDING OUR CITY'S WATER WORKS, SEWER WORKS, STORM SYSTEM, & DAM PROJECTS.

IN 1988, MAYOR TONY GUM LURED SAM INTO ACCEPTING THE POSITION OF CITY ENGINEER & SUPERINTENDENT OF BUCKHANNON'S SEWER DEPARTMENT. THE BUCKHANNON SEWER PLANT LARGELY

DESIGNED BY SAM LUDLOW, WAS THEN INTENDED TO SERVE OUR COMMUNITY FOR 30-40 YEARS WHEN IT OPENED IN 1987. THANKS TO SAM'S EXCELLENT STEWARDSHIP OF THIS FACILITY, IN 2018, IT'S NOW ESTIMATED THAT OUR SEWER PLANT HAS A LIFE EXPECTANCY OF AN ADDITIONAL 40-50 YEARS, MOSTLY ATTRIBUTED TO SAM & HIS EXCELLENT STAFF'S OVERSIGHT OF OUR PLANT DURING THE PAST 30 YEARS. UNDER SAM'S LEADERSHIP, THE "IN-HOUSE" MAINTENANCE PROGRAM OF OUR SANITARY & STORM SEWER SYSTEMS HAVE REALIZED TREMENDOUS EXPANSION INCLUDING 30 MILES OF NEW SANITARY & STORM SEWER LINES & WELL MORE THAN A MILLION DOLLARS OF MATERIAL INVESTMENT IN OUR SEWER PLANT & SUPPORTING PUMP STATIONS. THE TRUE VALUE OF SAM LUDLOW'S SERVICE & CONTRIBUTIONS TO OUR COMMUNITY IS INCALCULABLE.

SAM MARRIED ANN IN 2003, & HE HAS TWO LOVING & DEVOTED STEPDAUGHTERS IN CECILIA DELOACH LYNN & RACHEL DELOACH PLUNKET. GIVEN THE IMMENSE OWNERSHIP THAT SAM LUDLOW HAS STEADFASTLY ASSUMED RESPECTING SO MANY EXCELLENT PROJECTS THAT HE HAS OVERSEEN FOR OUR CITY & COMMUNITY DURING HIS 45 YEARS OF SERVICE HERE, BUT PARTICULARLY TO SEWER WORKS & ESPECIALLY TO THIS SEWER PLANT, OUR CITY OF BUCKHANNON NOW & FOREVER ON THIS DAY REDEDICATES THIS FACILITY AS "THE SAM LUDLOW SEWER PLANT" IN PERMANENT TRIBUTE TO THE RICH LEGACY OF OUR VISIONARY FRIEND, CONSULTANT, EMPLOYEE, & SERVANT- SAM LUDLOW- WHOSE SKILLS & LEADERSHIP HAVE VASTLY IMPROVED OUR QUALITY OF LIFE HERE FOR EVERY RESIDENT.

**DEDICATED BY THE CITY OF BUCKHANNON DURING THE REDEDICATION OF OUR CITY'S SEWER PLANT – JUNE 21, 2018**

**Call to Order:** Mayor McCauley called the meeting to order, followed by a moment of silence, followed by the pledge to the US flag.

**Recognized Guests:**

**B.1 Rex Harris (9 Maple Street) Stormwater-** Ms. Becky Martin came to discuss ongoing water problems that have occurred over many years. They have owned the house for 6 years, and have issues of laying water, and it has become worse over time. The culvert was subsiding and was removed by the city. Cost to replace is \$10,000, and the cost has been passed to Rex Harris and Becky Martin.

Raz brought pictures showing some of the cause of the storm water issues and proposed potential solutions.

Ms. Martin indicated that the foundation of the home has cracked after last two storms, along with other damage in the house.

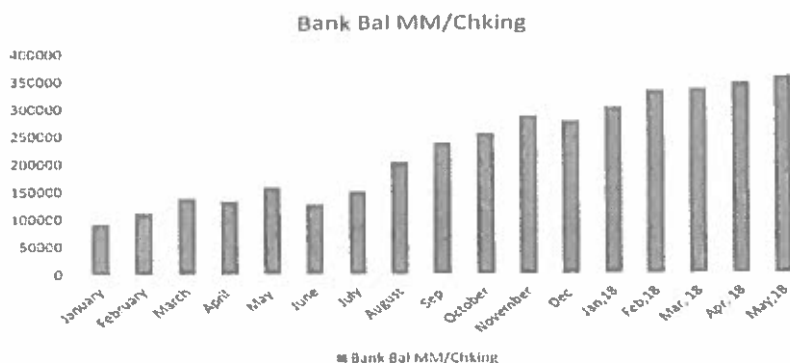
Mayor McCauley indicated that a revenue committee will be put together to help increase city funding to assist in financing the solutions for stormwater management.

**Finance Report:** Mayor McCauley remarked that the operating account has shown much improvement. Raz indicated a larger expense purchase for stone box to improve crew efficiency.

**C.1 June 2018 Financial Report**

**SANITARY BOARD  
CITY OF BUCKHANNON  
BALANCE SHEET**

<b>Balance May 30, 2018</b>	
<b>Money market checking</b>	<b>\$ 358,887.65</b>
<b>CD at FCB</b>	<b>\$ 22,797.20</b>
<b>CD Investment</b>	<b>\$ 40,403.51</b>
<b>CD Investment (Citizens)</b>	<b>\$ 50,000.00</b>



**Motion Frye/McCauley to accept the monthly financial report; Motion Carried.**

**Department Report-Erasmo Rizo:**

**D.1 Wood St-Road Repairs-** Significant improvements on Wood Street. Road has been sawcut and concrete will be poured next Wednesday to complete.

**D.2 Shawnee, West View Acres, Henry St.-** Sewer failures in Shawnee and Henry St., cleanouts failed and repaired. West View Acres – 180LF lateral to main line installed.

**D.3 Mapping Updates – GIS-** Focus on mapping updates, details and improvements to incorporate in GIS over the next month. Will be entered into CAD for use on handheld devices.

**D.4 Land Apply 80-100 tons of Biosolids-** Bill Rohr fields will receive 80 tons of sludge, and be tailgated. Three to five days to complete.

**D.5 Pump Station/Deanville-** Money was allotted to complete repairs in Deanville. Pump Station may need upgraded because of weak connections.

**City Engineer Report-Jay Hollen:**

- FEMA has approved multi-jurisdictional hazard mitigation plan for Region 7. Generator applications worth \$2 Million were held up in this process. FEMA has pushed plan through – by end of July should be able to adopt hazard plan and DHS can release funds for generator projects.
- Will supply backup for water and sanitary stations.
- By adopting this hazard mitigation plan, we identified storm sewer project. FEMA would like proactive stance on stormwater systems before issues. Catastrophic event in the future could make additional funds available to the City for stormwater management.

Mr. Hollen will have to complete a similar application for stormwater management funding.

**Correspondence and Information**

**F.1 DEP Laboratory Auditor Change-Raz –** we received a new auditor.

**F.2 Scrap Metal Recycled**

**F.3 PSC Municipal & Association Seminar -** July 17-18, 2018 South Charleston WV

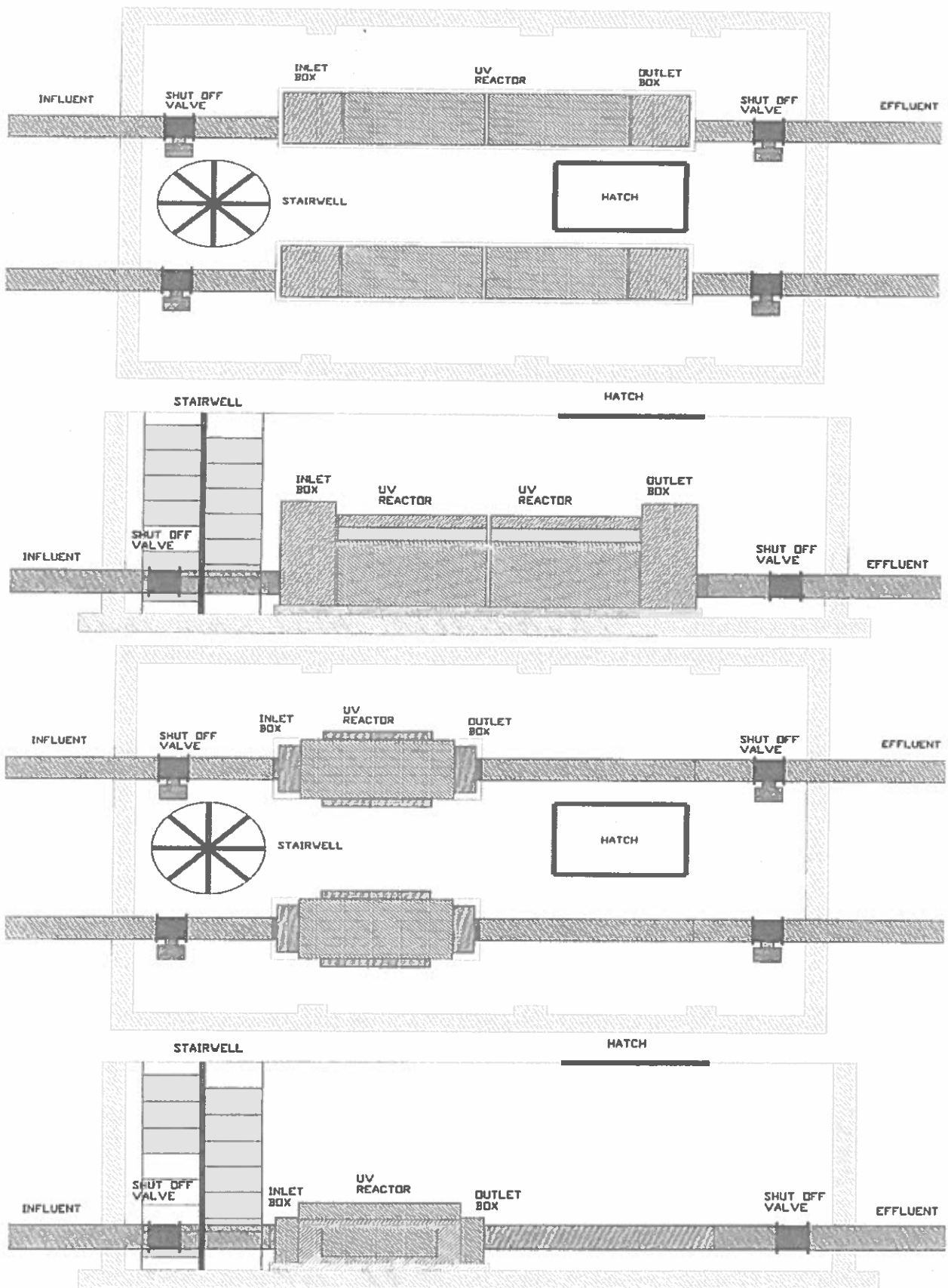
**Consent Agenda:** Approval of minutes from May 15, 2018. **Motion Frye/McCauley to approve the minutes of the meeting held May 15, 2018. Motion carried.**

**Strategic Issues for Discussion and Vote:**

**H.1 UV Unit Upgrade-**Sam Ludlow explained that this project is part of necessary plant upgrades. Even though the plant is 30 years old, we don't need a new plant – but, the plant requires annual expenditures for upgrades and repairs. One of the needed upgrades now urgently needed is the UV Unit.

Would like to install new UV's. Vendor proposed UV that was on trial for 9 days and they will refurbish and provide warranties. \$94,000 discounted to \$90,000. Hopeful to install as soon as possible. Vendor is the only producer of proprietary technology necessary to retrofit with pump station.

**Motion Frye/McCauley : A.) Subject to City Attorney review saying purchase okay will approve purchase, or B.) to go out to bid – Motion Carried.**



**H.2 F550 Truck Stainless Stee Dump Bid Package- Raz – Will submit bid package for this item. Motion Frye/McCauley to authorize to bid -Motion Carried.**

**Stormwater:**

**I.1 Swisher Street Culvert-** Project went smoothly after commencement. Seeding and mulching and clean up completed. Paving is next week, weather permitting.

**I.2 June 2, 2018 Storm Event-**Storm event uncovered stormwater issues on Maple Street. Entire culvert section was inspected. Swisher Street culver passed storm event.

**Board Members Comments and Announcements**

-Raz would like to thank Sam Ludlow for his work on behalf of the Sanitary Department

## Mayor's Comments and Announcements:

- **Sam Ludlow Sewer Plant Rededication Day-June 21, 2018**

### SAM LUDLOW SEWER PLANT REDEDICATION DAY – June 21, 2018

On behalf of our entire City of Buckhannon family, & particularly our Sewer Department, greetings, & welcome to Sam Ludlow Sewer Plant Rededication Day. It's hard to believe that it's been 31 years since we opened this facility. Don't blink as they say! I'm David McCauley, mayor of Buckhannon, & today, we celebrate our sewer plant, while honoring one of Buckhannon's longest tenured employees who has served our community for 45 years, our long-time Sewer department supervisor & City Engineer- Sam Ludlow- all while we rededicate our excellent sewer plant. There is no finer sewer facility in the State of WV.

Today, we celebrate our talented, visionary, & excellent colleague, friend, & public servant who has done so much for all of us in our B-U community. The tremendous ownership & oversight that Sam Ludlow & his staff have assumed during the past 31 years of the operation of this facility, allow us to predict today that this plant has another 40-50 years of life given the superb maintenance of & constant improvements to it. That's pretty remarkable since the original life of our sewer plant was estimated to serve us for 30-40 years. The philosophy in approach to undertaking public works improvements whereby our City undertakes projects in-house after hiring a talented work force- in no small part was the brainchild of Sam Ludlow. That philosophy is what has set Buckhannon apart from our sister cities across the region for more than 30 years.

Before we get too far into our program, I'd like to recognize Sam's bride, Ann Ludlow. I observe that so many of Sam's closest City colleagues, folks who worked with him or for him for decades are here, & will share their best thoughts & stories about our ole buddy. We'll hear from Mayor Tony Gum, Jerry Arnold, Amby Jenkins, Tim Rock, Ras Rizo, Mark Sankoff with Potesta Engineering, Bud McCallister with Terradon, Buck Samples, Jeff Ford, & Gene Frye.

Our first speaker is a guy who really needs no introduction. Tony Gum served as our mayor from 1987-96 and was a member of City Council for many years prior to that. Tony Gum is the guy who brought Sam Ludlow aboard as our city engineer & sewer superintendent way back in 1988. We're as indebted to Tony as we are to Sam for that most excellent decision. Tony ushered Buckhannon into a most progressive time & really set in motion & made possible so many of the things that we enjoy today. What a great idea he had in 1988 when he selected an Ivy League grad schooler from Cornell & plugged him into running our sewer plant!

Mayor Tony Gum-

Defer to program- speaker by speaker- read Jeff Ford's comments- From: Jeff Ford <[jeff.ford@buckhannonwv.org](mailto:jeff.ford@buckhannonwv.org)>

Date: Tue, Jun 19, 2018 at 6:39 PM

Subject: Sam Ludlow Day

Good afternoon,

I'm disappointed that I cannot be there to celebrate the very much deserved dedication of the Sam Ludlow Waste Water Treatment Plant. It has been an honor and privilege to work with Sam for some 30+ years. I have seen so many much needed improvements and upgrades to our sewer collection system and our plant facility that Sam was mainly responsible for getting accomplished. Sam, I'm sure that it has already been said but this IS NOT a retirement party and NO you are not getting your rocking chair yet! So, lets have a little fun now with a couple 'Sam Stories'.

The first one begins on Tucker St. as Sam was visiting one of our jobs. It was a very cool fall morning...yes that's important to the story. Sam found a large hornets nest in a tree so he cut the nest down, limb and all and put it in the back of his Jeep. While he was visiting our job for a while, the morning sun began to shine on his Jeep and yes you can guess what happened next, those hornets 'woke up' without anyone knowing it. I can recall seeing Sam jump out of his jeep, arms flailing like Muhammad Ali and we all gathered around to see hundreds, maybe thousands of hornets swarming inside. The funny thing is, I don't really remember what Sam ever done to resolve the mess. "So Sam, what DID you do?..."

The other good 'Sam Story' begins with Sam and I getting a call from a woman on Randolph St. When we got there she met us at the door with a big brown shopping bag. She began pulling out pots and pans complaining how the City water was staining them. Then she proceeds to 'show Sam up close' by throwing them one by one out the door at him. After she was finished playing 'toss', and Sam was finished playing 'dodge', he calmly told her that "she probably should call the Water Dept. because we were with the Sewer Dept."

And then there was the infamous Septic truck spill. We had rented a Septic hauling truck from C.J. Martin with Ace Tank because the sludge was too wet to haul by dump truck. Sam and Bart Short were standing behind the truck and Bart had 'accidentally' pulled the wrong lever and yup...dumping sludge all over Sam!

But on a much more serious note, I can still remember the 'hush' and 'concern' that went thru our dept. the times that Sam had some serious health concerns. Prostate cancer for one and then a heart attack. We were really concerned for him and our then Supervisor Tim Rock would keep us updated on his progress. He recovered really quickly and before you knew it Sam was at the plant again putting in those countless hours that he ALWAYS gave to our dept. and to the City of Buckhannon because 'that was Sam', and that is what he liked to do.

So Sam, I know that this type of ceremony is not your kind of thing because you have never been one to take all of the credit and you like to stay out of the limelight but this tribute is long over due and much well deserved so you can't get out of it. Well, now I had better end because the Board Members will think that you were writing this instead of me! :)

I want to thank you for being a great Boss and friend. Congratulations!!!



Closing stories- Harley Brown & Willard Wimer one + macaroni & cheese!

[After Sam Ludlow] Thanks to everyone for attending our ceremony, & Sam- here's to your next 45 years serving our community!

There being no further business to be conducted. **Motion Frye/McCauley to adjourn at 5:37 pm. Motion carried.**

**Mayor David McCauley**

\_\_\_\_\_

**Recorder Colin Reger**

\_\_\_\_\_

**The next meeting is at 4:00pm on July 19, 2018**

