CITY OF ELY

501 Mill Street Ely, Nevada 89301
City Hall (775) 289-2430
Fax (775) 289-1463

September 3rd, 2020

To: Mayor Robertson

City Council Members

Utility Board Members

From: Thomas Lawrence- Landfill Leadman

Subject: Landfill monthly report

During the month of August we performed daily operations as usual. Class I year to date total tons 4,562.53 tons. Year to date daily average for Class I 18.62 tons. Class III year to date total tons 5,905.55 tons. Year to date daily average for Class III 24.1 tons. Landfill crew is hauling dirt daily from Class III expansion area to use as cover for household and Class III. Still working on moving dirt and tires from old entrance. Manpower is back at full staff- had one employee off for three weeks due to off work injury. Equipment status: All equipment is up and running. Repairs were made to 938H loader and D8N. The City has received a bid to bale scrap pile and the baling will take place in September. Will be doing quarterly water sampling this month. Routine maintenance and service completed on equipment and vehicles as needed.

Report Criteria:
Customer.Alert message = "LIEN"

Account Balance	Name	Service Address	Alert Message	City
2,331.66	ACP 1	2 FIRST ST /RUTH	LIEN	RUTH,
2,390.04	ALLEN, JESSICA & WICKS, JAMIE	1536 E 2748 N ST	LIEN	
2,628.92	AMES STEVAN	37 SECOND ST	LIEN	MCGILL
698.78	ANDERSON BARBARA	2591 NORTH 21ST WEST	LIEN	ELY
83.16	ANDERSON FRED	450 & 460 ELY AVE	LIEN	ELY,
2,821.90	ANDERSON, GERALD & DEAN	005-073-04/CHERRY CREEK	LIEN	
1,423.36	AVILA NETZAHUALCOYTL	008-260-05/BIDA RANCH/CHERRY CR	LIEN	ELY,
333.46	BAINBRIDGE CHARLES J	1215 MILL ST	LIEN	ELY
2,331.66	BARKER VICTORIA	291 NORTH MAIN	LIEN	LUND,
2,331.66	BARKER VICTORIA	10 & 12 NORTH FOURTH ST	LIEN	MCGILL,
2,331.66	BARKER VICTORIA	31 AVE B	LIEN	MCGILL,
2,331.66	BARKER VICTORIA	2 AVE F	LIEN	MCGILL,
638.98	BIDA SAM	2160 CRAWFORD	LIEN	ELY
1,073.61	BLISS RICHARD	40 KEYSTONE ST	LIEN	RUTH,
3,010.86	BRAGG HOLLIE	5 AVE B	LIEN	MCGILL,
677.51	BRICENO HECTOR & SUAREZ ISELA	1541 N 92ND E ST	LIEN	ELY
720.99	BUTCHER ROY	10 AVE A	LIEN	MCGILL,
1,289.49	CHACHAS, GEORGE C	490 HIGH ST	LIEN	ELY
2,915.91	CISCAR JESSE	16 AVE I	LIEN	MCGILL,
2,361.67	CISCAR, JESSIE	2 AVE E	LIEN	MCGILL,
3,488.72	COLLETT RONNIE PAUL	27 KEYSTONE ST	LIEN	RUTH,
5,712.63	COOPER DANNY	1369 AVE D	LIEN	ELY
17,942.94	COOPER DANNY	2987 W HWY 50/5 MILES WEST ON U.	LIEN	ELY,
841.51	CRAIG LAWRENCE H	05-086-03/ ONELL/ CHERRY CREEK	LIEN	ELY,
1,309.38	CRAW, HELGA HOLLY	20 SUNSHINE ST	LIEN	RUTH,
13,195.11	CUNDICK KENNETH	44 KEYSTONE ST	LIEN	RUTH,
533.24	DAILEY CHRIS	3 AVE D	LIEN	MCGILL,
10,112.99	DALY MARK	8400 NORTH SR 892	LIEN	EUREKA
2,150.95	DARLING CHAUNTELL	311 N MAIN ST	LIEN	LUND
1,162.86	DELUCIA MARY L	14275 EAST 323 SOUTH STREET	LIEN	ELY
2,599.74	DORRIS LAURA M	89 WEST 1ST SOUTH	LIEN	LUND,
3,290.64	DRAIN MARK & PEGGY	40 AVE C	LIEN	MCGILL,
1,462.10	DUNN CHARLES & PATRICE	17 MAHOGANY ST	LIEN	RUTH,
1,270.54	ELDRIDGE SHARLENE	582 NORTH US HWY 93	LIEN	ELY
.00	ELKRIDGE MOTEL	1550 HIGH ST	LIEN	ELY
9,124.53	EREKSON DEEANNA	25 E 7TH N *	LIEN	LUND
6,253.10	FACKRELL W RALPH	67 N 1ST EAST ST	LIEN	LUND,
836.25	FOSTER CHRISTOPHER	3 CEDAR ST	LIEN	RUTH,
1,820.42	FRY ALVIN H	5 MAHAGONY ST	LIEN	RUTH,
3,418.83	GAULT MARY	22 FIRST ST / RUTH	LIEN	RUTH,
717.75	George Christopher	20 FOURTH ST	LIEN	SPARKS,
812.61	GORTAT H W JR	05-074-02/CHERRY CREEK	LIEN	CHERRY CREEK,
10,948.79	GUBBINE JAMES J JR	16 THIRD ST	LIEN	MCGILL,
2,638.94	GUBBINE KELLY	37 FOURTH ST	LIEN	MCGILL,
3,003.31	GUBLER ONTIE & RACHAEL	22 PINE ST	LIEN	RUTH
2,959.04	GUNDERSON CAROL	58 FOURTH ST	LIEN	MCGILL,
806.01	HARDY KEITH AND KARL	13 JUNIPER ST	LIEN	RUTH,
4,252.64	HARRISON ROBERT	8 AVE A	LIEN	MCGILL,
1,243.40	HESTER TROY	414 ELY ST	LIEN	ELY,
1,048.00	HIBBS WILLIAMS G	12 AVE D	LIEN	MCGILL,
10,306.19	HILL GARY & MICHELLE	2551 NORTH 21ST WEST ST	LIEN	ELY
13.79	HINES STEPHEN M	21 JUNIPER ST	LIEN	RUTH
2,220.76	HOLLINGSWORTH HAL & JENNIFER	20 AVE G	LIEN	MCGILL,
1,069.41	HOLLINGSWORTH HAL M & JENNIFER	3 CIRCLE DR	LIEN	MCGILL,
2,168.51	HOPEWELL HEATHER	23 AVE F	LIEN	MCGILL,

Account Balance	Name	Service Address	Alert Message	City
2,230.03	HUMPHERY RICK & KATHY	39 SUNSHINE ST	LIEN	ELKO,
720.99	HUTCHINSON RANCE	3694 N 151st STREET	LIEN	ELY,
3,194.80	IRLBECK TSUNEKO	6075 EAST 2973RD NORTH ST	LIEN	ELY
1,244.61	JENSEN KYLE	49 FIRST ST	LIEN	MCGILL,
4,831.92	JONES, RALPH	5 NORTH SIXTH ST	LIEN	MCGILL,
5,496.87	KOCUREK KRISTIN	8 NORTHFOURTH ST / CLUB HOUSE	LIEN	MCGILL,
1,752.33	LAIL LAWRENCE R	40 SUNSHINE ST	LIEN	RUTH,
4,441.20	LAIL, LAWRENCE & C DECARBONEL	3733 NORTH HWY 93/50 CLUB	LIEN	ELY,
4,138.80	LAZAR RENEE	4 AVE E	LIEN	MCGILL,
753.13	LEE JEAN	488 STEVENS AVE	LIEN	ELY,
1,348.85	LILLY JEREMY F	450 OGDEN AVE	LIEN	ELY
2,386.43	LUCIENTES MICHAEL	1325 AVENUE C	LIEN	ELY
10,577.71	LYMAN LYLE AND PHYLLIS	22 SIXTH ST	LIEN	MCGILL,
3,190.37	LYMAN LYLE O	64 NORTH THIRD ST	LIEN	MCGILL
13.79	MALCOLM GERALD R	1 PINE ST	LIEN	RUTH,
9,150.53	MARRUJO, KENNETH/PETE'S DRIVE I	1155 E AULTMAN ST/PETE'S DRIVE IN	LIEN	ELY
73.34	MARTINEZ TERRI	32 FIRST ST / RUTH	LIEN	RUTH,
3,245.08	MASINI JOSEPH & MISTY	110 W 9TH N	LIEN	LUND
7,169.62	MATHEWS LEONARD GUY	10 DALY ST	LIEN	ELY
1,048.00	MCKENZIE RODRIC D	64 N MAIN	LIEN	LUND,
11,149.95	MCLEAN NORA	8 AVE C	LIEN	MCGILL,
4,428.62	MELLOS DEMETRIOS ET AL	4 FIFTH ST	LIEN	ELY
27.79	Melser, Dustin R	1415 W 359TH N ST	LIEN	ELY
592.51	MERLINO,JASON & GERLACH, MICHE	908 1/2 E AULTMAN ST	LIEN	ELY,
10,409.45	MILLER KRISTOPHER & JESSICA	6 AVE C	LIEN	MCGILL,
1,561.33	MILLER SARAH	2490 NORTH SR 490	LIEN	ELY,
4,488.98	MITCHELL DOROTHY JUNE TRUST	6 EAST ST	LIEN	RUTH,
3,848.49	MONTGOMERY JANE	25 SIXTH ST	LIEN	MCGILL,
3,307.06	MORIAH ENTERPRISES INC	35 AVE R	LIEN	MCGILL,
5,314.23	MORRIS MARIE	10 FOURTH ST/MARIE'S CAFE	LIEN	MCGILL,
4,579.58	MOSHER BYRAN T	8 AVE J	LIEN	MCGILL,
825.83	NICHOLES STANLEY	17 AVE F	LIEN	MCGILL,
.00	Nicolls, David	554 STEVENS AVE	LIEN	ELY,
1,437.46	OUDHEUSDEN HENRY	944 PINE ST	LIEN	ELY
1,265.46	PARMLEY SHERYL	30 AVE B	LIEN	LAS
842.07	PAY BRUCE & JODEAN	13 AVE F #1	LIEN	MCGILL,
1,819.16	PEARCE JESSICA	236 FAY AVE#2	LIEN	ELY
2,238.64	PEHRSON, NEAL E	4 PINE ST	LIEN	ELY,NV
613.42	POOLE STEPHEN & KATHY	1176 E 199TH N ST	LIEN	ELY
2,688.03	POPE ROBERT	646 STEVENS AVE	LIEN	ELY
766.42	POTTER TONY	18 AVE H	LIEN	MCGILL,
3,389.97	PRATT ROBERT N	15 AVE K	LIEN	HENDERSON,
3,389.97	PRATT ROBERT N	13 AVE K	LIEN	HENDERSON,NV
3,389.96	PRATT ROBERT N	11 AVE C	LIEN	MCGILL,
786.91	REDFERN LISA	4 AVE C	LIEN	MCGILL,
587.02	ROBINSON CLAUD	15 AVE D	LIEN	MCGILL,
1,943.82	SAMPLE LARRY & LINDA	310 S Silen Avenue	LIEN	BAKER,
8,045.83	SANKOVICH LORI	26 THIRD ST	LIEN	MCGILL,
1,327.22	Simplistic Solutions LLC	22 MAIN ST	LIEN	RUTH,
7,019.99	SORENSON MARY	48 KEYSTONE ST #1	LIEN	RUTH,
12,021.72	STEVENS JAMES	158 W WHITE RIVER RD	LIEN	ELY
1,165.07	STEWART LARRY & KIMBERLY	6 MAIN ST/TOWN STORE/RUTH	LIEN	RUTH,
2,232.85	TRUJILLO SCOTT	19 AVE H	LIEN	MCGILL,
4,261.66	V.I.T.A.L.	1 A NORTH FIRST ST	LIEN	MCGILL,
2,912.60	WALKER CHRIS	2 B FIRST ST	LIEN	MCGILL,
825.36	WILLIAMS MARY LYNN	8 AVE E	LIEN	MCGILL,
1,943.45	WILLIS STEVE	60 NORTH FOURTH ST	LIEN	MCGILL,
11,321.16	WINTERS WARD	28 KEYSTONE ST	LIEN	RUTH,

Account Balance	Name	Service Address	Alert Message	City
1,751.19	WRIGHT RENAYE	355 S Silen Ave.	LIEN	BAKER,

Grand Totals:
362,991.20

112

Report Criteria:
Customer.Alert message = "LIEN"

Report Criteria:
Customer.Alert message = "LIEN RELEASED"

Customer Number	Name	Service Address	Alert Message	City
2.4338.1	GILLASPIE BEN & WANDA	6 FIRST ST	LIEN RELEASED	ELY

Grand Totals:
1

Dear City Attorney – City of Ely – City Council

I have been trying to contact these offices for some time now without response.

Please add my issue/concern to the next Ely City Council agenda. I respectfully ask that penalties added to my account, ending in . for property at 1176 E 199th Street N, Ely, NV, 89301 be waived due to the convoluted billing history for the account. I had no knowledge of these arrears, received no demands for payment and only knew of the account when I received notice that a lien had been placed on my property in May 2020. I promptly took steps at that time, at great financial hardship, to bring my account current. I am requesting that the penalty amount of $693.48 be credited as well.

Please advise me of the Council's decision. Please reconcile my account ASAP and remove the lien from my property. I am aware that there is a $74.00 fee for this. I will, of course, continue to pay the account as billed going forward.

Please respond to this communication at your earliest opportunity. Please use my personal Email account _____ for all correspondence, or you may call me at
Thank you.

Warm regards,

Kathy Poole

File Edit Search Filters Settings Period Other Document Management Zoom Help

Close 09/30/2020

Caselle Connect® > Utility Management > Customer Inquiry

Caselle Connect® | Customer Inquiry

Location: | Location | 3534 of 6364

POOLE STEPHEN & KATHY
1176 E 199TH N ST

Account balance: 613.42
Balance due: 09/15/2020 613.42
Last payment: 08/13/2020 600.00-

Display | Compare | History | Transactions | Customer | Services | Location | Meters | Backflow | Contracts | Loans | Certification | Credit History | Supplemental

Detail | Balance by Service Chart

Date	Description	Amount	Balance
01/31/2020	Payments	.00	.00
01/31/2020	Balance Transfers	1,746.52	1,746.52
01/31/2020	Billings	13.39	1,759.91
02/28/2020	Payments	.00	1,759.91
02/28/2020	Billings	39.79	1,799.70
03/31/2020	Payments	.00	1,799.70
03/31/2020	Billings	40.39	1,840.09
04/30/2020	Payments	.00	1,840.09
04/30/2020	Billings	40.99	1,881.08
05/31/2020	Payments	175.00-	1,706.08
05/31/2020	Billings	38.98	1,745.06
06/30/2020	Payments	200.00-	1,545.06
06/30/2020	Billings	36.57	1,581.63
07/31/2020	Payments	225.00-	1,356.63
07/31/2020	Billings	34.14	1,390.77
08/31/2020	Payments	800.00-	590.77
08/31/2020	Billings	22.65	613.42
09/30/2020	Payments	.00	613.42
09/30/2020	Billings	.00	613.42

Service	Amount
LIEN FEE	.00
LANDFILL FEE	255.79
PENALTY	357.63
	613.42

09/30/2020	08/31/2020	07/31/2020	06/30/2020	05/31/2020	04/30/2020	03/31/2020	02/28/2020	01/31/2020	12/31/2019	11/30/2019	10/31/2019	Balance
.00	22.65	34.14	36.57	38.98	40.99	40.39	39.79	359.91	.00	.00	.00	613.42

Checklist | Active Tasks | Favorites

ElyNV | jlee | S:\CSLDATA | Thu, Sep 3, 2020 10 02 AM

CITY OF ELY

501 Mill Street Ely, Nevada 89301
City Hall (775) 289-2430
Fax (775) 289-1463

To: Mayor Robertson
Ely City Council Members

From: Mike Cracraft – Public Works Supervisor

Subject: Monthly Report August 2020

Parks: We are continuing to maintain the City parks. We have had no issues this month with the parks. The starter went out on our quad runner. We will be replacing it in the near future.

Cemetery: We did five (5) services in the month of August. The cemetery's equipment is all in good working order. Q&D Construction has been using the cemetery to store the dirt from the NDOT project. When the project is complete, we will use the remaining dirt for improvements on the cemetery and the parks. The slurry seal contractor doing the roads will also be storing the sand for the project at the cemetery.

Public Works: The Street Department did cold mix overlay on 10th Street from Park Avenue to Avenue M. Also, cold patch overlay on Ely Street from 15th Street to Faye Avenue, with a chip overlay in the future. The slurry seal project will begin in the near future.

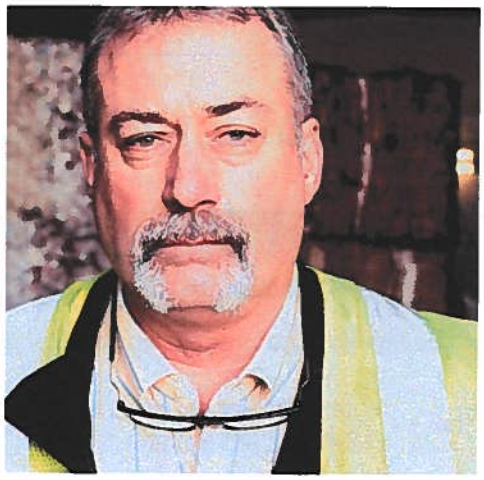
We compared the water usage at the Ely Golf Course to the Wendover Golf Course and discovered that there was an issue with our meter and we were not getting correct amounts. After replacing with a new meter, we found that to be true in a big way.

Recycling: See attached recycling market update.

Again, our hopes are that all of you are safe and weathering through these trying times. If your business has been hurt and is trying to get back to business, please ask me about our Bridge to Zero program. This is designed to help cut costs and help better manage your waste streams so you can better focus on your business.

As always, please contact us with any questions or concerns.

Smokey Peck
President - Interwest Paper / Pro Baler Services / Pro Polymers



Recycling Market Update

Here is our quick overview on recycling markets in the West. Pricing is a net overall, because we cover a large geographic area. Actual net returns / changes may vary per customer.

OCC Corrugated Cardboard: Overall OCC markets have seen a increase in value on both Export and Domestic Markets. Export markets are offering healthy prices, and domestics are starting to become more dominant in markets in the US. Added value for OCC is expected to carry into September and hopefully months to come.

Office Pack / White Grades: Pricing has slowed for white grades, seeing another drop this month. We are seeing about a $10.00 per ton drop in white paper as the demand has slowed on the paper side for paper for high quality tissue papers. The demand has slowed as some processors have reached capacity or has taken downturns on machines for maintenance this month.

Mixed Paper / Newspaper: Prices for clean papers have increase for August a small amount. This is a welcoming sign that demand is up for clean and dry paper. Dirty paper that is created from MRF's are still a very difficult grade to market, and in many markets are still in the negative for material values.

Post - Consumer Plastics: Market is priced very low. Plastics are derived from Oil. With oil pricing for raw material hitting historical lows, resin prices are also dropping just as fast. The plastic recycling market sits lower than virgin resins, and with the price of virgin dropping, it is harder to push to purchase material's with recycled content. Pricing is very low this month for most grades.

Plastics Films: Pricing is sluggish with Oil and virgin resin prices remaining low in price. We are seeing virtually all grades of plastic remaining low in value on pricing. Films are still in healthy demand as more domestic opportunities are upcoming into the market. The market is improving, just the value of the raw material has seen price drops keeping the price low.

Printer Grades: Print grades are seeing another pricing drop about $10.00 per ton for most white printer grades. This is following the demand from the tissue industry where not as much clean white is needed, markets are still fair in prices but are no longer "on fire". Prices are expected to remain flat.

Metals / Non Ferrous Metal markets have improved for the month of August. Small adjustments up for metal markets. Steel is seeing a healthy increase up, and not much disruption in Aluminum and other high grade metal markets. Metal markets are on the rebound and are looking great.

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Interwest Paper, Inc.
575 West 3615 South
South Salt Lake, UT 84115

iContact
TRY IT FOR FREE

KGHM

4 September 2020

Jennifer Lee, City Clerk
City of Ely
501 Mill Street
Ely, Nevada 89301

Re: August 29, 2020 Letter

Dear Ms. Lee:

Robinson Nevada Mining Company ("Robinson") will provide a written response to the proposed modifications to the Water Supply Agreement between the City of Ely ("City") and Robinson in the City's letter dated March 10, 2020. Robinson's written response to requested modifications will be based on recently-collected groundwater data, with the data relied upon provided to the City along with the response.

The written response and supporting data will be provided directly to the City prior to any negotiations between the City and Robinson. Robinson will not agree to negotiations with the City at a Municipal Utilities Board meeting or any other public forum, nor will Robinson agree to present any information not previously provided to the City at any public meeting.

Robinson will commit to providing a written response and supporting data in the month of September 2020, although it is unlikely that we will be able to provide it in advance of the September 10 meeting. When the City has had time to review the information provided, Robinson will commit to good faith negotiations relating to amendments to the Water Supply Agreement.

Kind Regards,

Amanda Hilton

Amanda Hilton
General Manager

Robinson Nevada Mining Company
Robinson Mine
P.O. Box 382, 4232 West White Pine County Rd 44
Ruth, NV 89319 USA

T +1 775 289 7000
F +1 775 289 7104
www.kghm.com

ATTENDANCE LIST

Utilities Board

DATE: 9/10/20

Print name below	Print name below
Jim Alworth	
Ed Spear	

CITY OF ELY

501 Mill Street Ely, Nevada 89301
City Hall (775) 289-2430
Fax (775) 289-1463

To: Mayor Robertson
Ely City Council Members

From: Carl Siemer – Water/Sewer Leadman

Subject: Monthly Report August 2020

Water Digs:

- We replaced 2 malfunctioning 8 inch in-line isolation main valves at the intersection of Stevens and North.
- We replaced a leaking 4 inch in-line isolation valve on the south side of North and Stevens.
- We replaced a water service line and installed a meter on the 700 block of Pine Street.
- Murry booster #2 clay valve malfunction, we replaced the solenoid. Murry Street booster is back on line.
- D.E.N. Elementary School 1 ½ water line, replaced gaskets on jumper.

Sewer Lines:

- Economy Drug – Pulled out soap and grease deposits. There are restaurants and hotels on that line.

Miscellaneous:

- The Mini X is currently being worked on. They are working on the fuel injection lines, motor mounts and fan.
- Monthly Chloroform samples complete.
- Monthly meter reads complete.
- 1 non-payment shut-off.
- New meter installed that registers the proper water usage at Golf Course.

Wells:

- RW-7: Has a flow rate of around 1,700 – 1,800 GPM.
- 17 & M: Well pump still in auto (1,400 GPM).
- 10 & M: Well pump still in auto (900 – 1,000 GPM)
- Golf Course Well: This well has been running to compensate for the high water demand. It is currently pumping 700 – 800 GPM.
- North Street Well: This well is being used on an "as needed" basis. Depending on the water demand it is pumping around 700 GPM. We are looking at valve replacement this winter.
- The Terrace Well: As we know, this well is down. It is our understanding that the new pump and motor will be shipped on the 25th of September.

Aultman Project:

- Highway Project – We've done 3 water main shut downs so Q&D could do new tie-ins (Bell Ave – 7th St. – Stevens Ave.). All water samples have passed and the new mains are in service.
- Locates going on as needed for this project.

Employee Status:

Full crew.

Date: September 2, 2020

To: City of Ely

City of Ely: Water and Wastewater Systems

From: Raul Naranjo, Water, Wastewater DRC, and Laboratory Director

Subject: Water System and Wastewater Treatment Plant – Observations and Recommendations

I visited the facilities on August 5th, 8th, and 27th.

1. **Laboratory**

   a) We had the biannual Laboratory audit from the state; this year, it was done virtually. We had no significant discrepancies; there were only two items that we have to change in our procedure. I will make the amendments to the laboratories' Quality Assurance Manual and SOP. One was checking the pH to the water sample before testing, and the other is to check the pH to the Colilert media. Once I make the changes, I will conduct training to ensure that we are running it correctly and logging everything down. This is not something that we had neglected to do; it a new procedure that they are implementing.
   This is the first year that Mario was part of the state audit. He was asked to go over the entire test procedure, the auditors several times said that he had done an excellent job.

   b) Monthly audit, an internal review of all Quality Control Systems as outlined in the Lab Quality Assurance Plan (QAP). Review of all laboratory supporting documents, Lab Logbooks for discrepancies, laboratory procedures.
   I only found one issue from last month; one sample result was not reported in the required time.

   c) QAM – working on updating the manual.

2. **Sewer Plant Observations**

   Few incidents occurred at the plant last month. Even though these incidents were terrible, the plant will recover in time. I also would like to say that any actions of the operators did not cause these issues. These events did provide an excellent experience for the operators, it gave them a better understanding of the layout of the piping and how the plant operates, and it also gave them the experience of actions to take in similar situations.

a. We had a problem with the clarifier tripping out. It was stopping at intermittent times. On the 3rd, it started to shut down during the day, and the following day it did it several times. The operators did try to figure out what was causing the stops but could not find the cause. I went down on the 5th to help them troubleshoot. We looked at the electrical and mechanical and did not find any issue there. So, I determined that it was something underwater in the tank. I thought that it could be one of the scrapers that had broken off. The clarifier has two arms that circle, pushing the sludge to the center of the tank to be pumped out.

   On the 7th, we pumped out the clarifier to inspect the armature inside the tank. We did not find anything broken on it. What we did find was a piece of 1" PVC pipe that fell into the tank. I think what was happening is that every once in a while when the arm came around, the PVC pipe would be at the right spot to cause it to aver torque and cause it to stop. We inspected everything else, and we did not see any other issue. It has run fine since then.

   One thing that this incident brought up is that we do not know the last time we did any maintenance to this piece of equipment. The operators do grease and daily visual inspections. I am referring to bearing replacement; I think we should be proactive and replace the upper and lower bearings. I am trying to find parts and finding out what it would take to get this done. I will keep posted when I have anything to update.

   To complete this work, we had to divert the influent flow from the plant. It is required that we report all diversions to NDEP. I contacted Mark Kaminski with Water Pollution Control and notified him of all that happened at the plant during the diversion.

   On a good note, we did use the new diversion gate installed by the operators about a year or so ago. It worked like designed. I mention this because until this gate was installed, every time that sewer flow had to be diverted. Someone would have to get in the sewer channel to put a plug in the pipe. This avoids a very hazardous situation, and it is a thousand times simpler.

b. We keep having issues with the polymer mixer, mostly having it plug up or leaking. First, I believe it keeps plugging because the centrifuge sometimes is not run for many days at a time. So, the polymer sits in the lines and solidifies to the point that it plugs the lines. The second issue could be due to the weakness of the piping material that we use. We can't seem to find something that would give us a good seal. It could be because of the chemical reaction the polymer has with the pipe material, but we are using the PVC pipe recommended by the manufacture.

In the first issue, we have to make sure that the centrifuge is run more often.

Recommendations

These are areas of concern that I recommend being addressed very soon. I understand that some of these items can be complicated to complete, but I feel that they are things that cannot be prolonged more than we have to. All of these concerns are solely for the better operation of the plant and sewer system.

a) SCADA phase II, as you may well know, last spring, the SCADA program for the plant was updated. This upgrade has given the operators a great tool to manage the process of the plant better. It gives us quick access to the functions of the plant. It also gave us alarms and warnings, so when something stops working or something fails, it gives us instant notification.
The first phase of the upgrade only replaces an old program that we had. But it did not include all the equipment at the plant. The second phase would add the screw pump, the screens, the basin blowers, and the centrifuge. At this time, these are not in the SCADA program.

b) Solids screens (bar screens) they are older technology and pose a biohazard to the operators. We should try to eliminate the exposure of infections to the operators. Newer technology equipment is easier to operate and maintain. It would also stop more of the heavy solids that come into the plant and would significantly reduce problems in the process stream.

c) Electrical work, there are several issues at the plant that need to be fixed by an electrician. We have heaters and their breakers in the dewatering building that need to be repaired. The blower panel needs rewiring; part of it is to running control wires for the SCADA upgrade. The waste pump panel needs to the breaker and contactor upgraded. At one time, the waste pumps where changed, but they used smaller pumps and did not change out the breakers to match the current needs of the new pumps.

d) Clarifier bearings, we need to change the bearings in a planned work task, rather than in an emergency when they fail.

3. Water System

a) We reviewed the sampling requirements for the system to ensure that we were up to date on testing and reports. Carl has done some of the yearly samplings on the wells and the distribution system.

b) Everything looks clean and in order; they have done an excellent job of maintaining the water sites.

c) Golf course well flow meter failed. Rocks, duct tape and debris were found in the meter impeller. That is never a good situation when stuff like that is found inside a water pipe.

Recommendations:

I need to do more water system training with the new water system operators.

This is only a very brief explanation of some of the items that I think need attention. If you would like a more in-depth explanation, please contact me at any time.

I want to state that the people and companies I have recommended have only a working relationship with me, and I will not benefit in any way from them getting work from the city.

I would also like to extend an invitation to all council, board members, and office personnel to tour the facilities.

Please feel free to contact me at any time if you have any questions.

Thank you,

Raul Naranjo
DRC Water and Wastewater Systems
City of Ely

Cell: 801-440-2790

Email: tripnsd@gmail.com

City of Ely Laboratory

August 27, 2020

Re: NDEP Biannual Laboratory Audit

Summary,

NDEP conducts audits on certified laboratories to ensure that we are following all regulations. Sample integrity, paperwork, logbooks, quality controls, media, paperwork storage, and test performance were areas that were covered in today's audit.

This year the audit had to be conducted virtually. I had some concerns in the morning because I knew that we have slow internet at the treatment plant. I thought that we would have issues with the connection. It went relatively smoothly; the video was grainy, and we got disconnected once, but overall it went well. We called AT&T customer service to see if they could help us with the internet. They said that the system between the server and the modem was working well, they are sending out a technician to troubleshoot the equipment at the lab on Friday.

They asked for Mario to respond to the microbiology (Coliform Test) part of the audit. He was a little bit nervous, but he did very well. He was able to answer all of there questions and proved that he was a capable analyst.

There are a few discrepancies, two (Chlorine check and pH check) are new to the way we check a sample. Another is that we need to start checking the strength of the blacklight; we use this equipment to verify positive samples for the presence of e-Coli. I will add them to our Standard Operating Procedures and make and instruction sheet. I will also have to do training to ensure we are doing everything correctly. To prepare for these changes, we have ordered Chlorine and pH test strips. Two other items that we need to get for the lab are an NBS (National Bureau of Standers) certified thermometer and a UV meter tester. The NBS thermometer is to do the annual thermometer check, and the UV tester is to check the UV light. I will get you pricing in the next few days.

NDEP will send us a complete report within 30 days, and will we will have 45 days after we receive there to report to respond.

Please feel free to contact me if you have any questions or comments.

Raul Naranjo

801-440-2790

tripnsd@gmail.com

Raul Naranjo
PO Box 4271
West Wendover, NV 89883
Phone: 801-440-2790

INVOICE

Invoice #089
Date: 8/28/2020

TO: City of Ely
501 Mill St
Ely NV 89301

For: Water and Wastewater Systems DRC

Description	Hours	Rate	Amount
Raul - DRC(Use of Certificates) August 2020_Ely	1	$500.00	$500.00
8/5/2020 - Site Visit - Travel Milage (57436 - 57678)	242	$0.56	$135.52
WWTP - Clarifier shuting down, came in to trouble shoot (Electrical, mechanical or something else)	8	$50.00	$400.00
8/7/2020 - Site Visit - Travel Milage (57695 - 57938)	243	$0.56	$136.08
WWTP - Worked on clarifier, the clarifier had to be drained, we found a broken plastic pipe that was jamming the scrapper arm. Worked on a broken polymer line. Found a that a level float was broken in the digester tank.	10	$50.00	$500.00
Utility Board video confrence	1	$50.00	$50.00
Water - reviewed water testing - Terrece Well update and review new water line upgrades along Altman St. (with Carl), water leak at Golf Course well, they found that the flow meter was broken.	2	$50.00	$100.00
8/28/2020 - Site Visit - Travel Milage (58294 - 58538)	244	$0.56	$136.64
Laboratory - NDEP audit	7	$50.00	$350.00
WWTP - Trouble shooting centrifuge its having RPM issues	4	$50.00	$200.00
Administrative - Prep for lab audit: logbooks, reports and SOPs	3	$50.00	$150.00
	Total:		**$2,658.24**

Please make check payable to: **Raul Naranjo**

Thank You For Your Buisness!