## HIDEOUT, UTAH TOWN COUNCIL REGULAR MEETING July 08, 2021

Amended Agenda

PUBLIC NOTICE IS HEREBY GIVEN that the Town Council of Hideout, Utah will hold its Regular Meeting electronically for the purposes and at the times as described below on Thursday, July 8, 2021.

This meeting will be an electronic meeting without an anchor location pursuant to Mayor Rubin's July 6, 2021 No Anchor Site Determination Letter (attached).

All public meetings are available via ZOOM conference call and YouTube Live. Interested parties may join by dialing in as follows:

Zoom Meeting URL:<a href="https://zoom.us/j/4356594739">https://zoom.us/j/4356594739</a>To join by telephone dial: US: +1 408 638 0986Meeting ID:435 659 4739YouTube Live Channel:<a href="https://www.youtube.com/channel/UCKdWnJad-WwvcAK75QjRb1w/">https://www.youtube.com/channel/UCKdWnJad-WwvcAK75QjRb1w/</a>

## Regular Meeting 6:00 PM

I. Call to Order

1.

- Mayor Rubin's No Anchor Site Determination Letter
- II. Roll Call
- III. Approval of Council Minutes
  - October 12, 2020 Town Council Meeting Minutes DRAFT
- IV. Public Input Floor open for any attendee to speak on items not listed on the agenda
- V. Agenda Items

1.

- 1. Discussion with Heber Valley Animal Services
- 2. Discussion regarding audit findings for Fiscal Year ending 2019
- 3. Continued discussion and possible action of the Sewer Master Plan
- 4. Dark Skies Ordinance update
- 5. Discussion and possible action for Hideout's Emergency Operations Plan and line of succession
- 6. Continued discussion on compensation model for Mayor, Town Council, and Planning Commission members
- 7. Appointment of a Mayor Pro Tempore for July 17 through July 31, 2021
- 8. Discussion and possible appointment of a permanent Mayor Tempore for dire emergencies
- <u>9.</u> Honorary Resolution for Council Member Jerry Dwinell for his service to the Town of Hideout
- VI. Closed Executive Session Discussion of pending or reasonably imminent litigation, personnel matters, and/or sale or acquisition of real property as needed
- VII. Meeting Adjournment

Pursuant to the Americans with Disabilities Act, individuals needing special accommodations during the meeting should notify the Mayor or Town Clerk at 435-659-4739 at least 24 hours prior to the meeting.

#### HIDEOUT TOWN COUNCIL

10860 N. Hideout Trail Hideout, UT 84036 Phone: 435-659-4739 Posted 7/07/2021

## File Attachments for Item:

1. Mayor Rubin's No Anchor Site Determination Letter



#### July 6, 2021

#### DETERMINATION REGARDING CONDUCTING TOWN OF HIDEOUT PUBLIC MEETINGS WITHOUT AN ANCHOR LOCATION

The Mayor of the Town of Hideout hereby determines that conducting a meeting with an anchor location presents a substantial risk to the health and safety of those who may be present at the anchor location pursuant to Utah Code section 52-4-207(5) and Hideout Town Ordinance 2020-03. The facts upon which this determination is based include: The seven-day rolling percent and number of positive COVID-19 cases in Utah has been over 11.3% of those tested since June 30, 2021. The seven-day average number of positive cases has been, on average, 385 per day since July 5, 2021.

This meeting will not have a physical anchor location. All participants will connect remotely. All public meetings are available via YouTube Live Stream on the Hideout, Utah YouTube channel at: <a href="https://www.youtube.com/channel/UCKdWnJad-WwvcAK75QiRb1w/">https://www.youtube.com/channel/UCKdWnJad-WwvcAK75QiRb1w/</a>

Interested parties may join by dialing in as follows:

Meeting URL: <u>https://zoom.us/j/4356594739</u> To join by telephone dial: US: +1 408-638-0986 Meeting ID: 4356594739

Additionally, comments may be emailed to <u>hideoututah@hideoututah.gov</u>. Emailed comments received prior to the scheduled meeting will be read during the public comment portion and entered into public record.

This determination will expire in 30 days on August 5, 2021.

BY:

Phil Rubin, Mayor

ATTEST:

Alicia Fairbourne, Town Clerk



## File Attachments for Item:

1. October 12, 2020 Town Council Meeting Minutes DRAFT

2		Town of Hideout
3		Town Council - Public Hearing
4		October 12, 2020
5		000000112,2020
6 7 8 9		eout, Wasatch County, Utah met for a Public Hearing on October 12, 2020 at ically via Zoom meeting due to the ongoing COVID-19 pandemic.
10	Regular Meeting	
11	Regular Moeting	
12	I. <u>Call to Order and</u>	<u>Reading of Mayor Rubin's No Anchor Site Determination Letter</u>
13	1. Mayor Rubin's No	Anchor Site Determination Letter
14	PR Called the meeti	ing to order at 6:05 pm and read the no anchor site determination letter in its
15	entirety.	
16	II. <u>Roll Call</u>	
17	Present:	Mayor Phil Rubin
18		Council Member Chris Baier
19		Council Member Jerry Dwinell
20		Council Member Carol Haselton
20		Council Member Bob Nadelberg
22		Council Member Ralph Severini
22		Could i Member Kaipi Severini
23	Staff Present:	Town Attorney Polly McLean
24		Town Administrator Jan McCosh
25		Town Planner Thomas Eddington
26		Town Clerk Alicia Fairbourne
27		Deputy Town Clerk Kathleen Hopkins
28		
29		Alexandra Ananth, Roger Armstrong, Anne Asman, Karen Ballash, Danny
30		ff Bawol, Kathie Beckman, Andy Beerman, David Bennett, Pamela Bingham,
31		Block, Lynne Bolwell, Reb Bowen, Jami Brackin, Rod Bradshaw, Christine
32	Brick, Rick Brough, L	arry Brownstein, Alex Butwinski, Sergio Castellanos, Camron Chin, Steve
33	Chin, John Colcannon,	Kendall Crittenden, Eric Davenport, Chris Day, Colin DeFord, Jim Dewelney,
34	Max Doilney, Ken Dru	immet, Sally Elliott, Chris Ensign, Doug Fox, Tom Fisher, Dennis Forchic,
35	Jeffrey Franco, Debra a	nd Mark Franzen, MJ Fryar, Becca Gerber, Susan Geyer, Korlin Gillette, Jason
36	Glidden, Richard Gold	berg, Rusty Gower, Paul Grandsire, Steven Grayson, Joe Guttenplan, Scott
37		el, Ira Hammerman, Rob Hansen, Larry Hardebeck, Tracy Harden, Alanna
38	0	ert Hingh, Brad Holmes, Ben Holzman, Beth Holzman, Joshua Horner, Hillary
39	•	llan Inglis, Linda Jager, Mark Kasperick, Karen Kaspernick, Angie Keb,
40		n Kelly, Tom Kelly, Jeff and Nikki Keye, Carolyn Keys, Avery Kiser, Spencer
	,	

Minutes

1

Knight, Bob Kollar, Susan Jucher, John Labrun, Spencer Lace, Brenda Lah, Eric Langvardt, Erik 1 2 Larsen, Leia Larsen, John Leone, Christy Lewis, Steven Mackay, Lauren Major, Mitchell Manassa, 3 Jon Manwaring, Scott Martin, Matt McCormick, Mary Polley McCulloch, Dave McCurdy, Pam Gosh, Dave McFawn, John McKnight, Sheila McLaughlin, Ryan McTish, Steve Morrison, Joan Mosch, 4 Angela Moschetta, Rory Murphy, Alexandria Myers, Charlie Myers, Jason Nageli, M. Alex Natt, 5 6 Martina Nelson, Kathleen Nichols, Scott Ogden, Douglas Ogilvy, Gary Oliverson, Margaret Olson, 7 Teddy Oram, Suzanne Ostrand-Rosenberg, Caleb Payeur, Dean Peters, John Phillips, Frank Pizz, Sean 8 Philipoom, Anita Price, Emma Prysunka, Utah State Representative Tim Quinn, Myles Rademan, 9 Susan Richer, Roberto Guillermo Rivero, Chris Robinson, Scott Robertson, Joy Rocklin, Lynn Ross, Bret Rutter, Amy Sage, Christina Sally, Keara Sardo, Jeff Schiff, Allison Schwam, Kurt Shadle, Katie 10 Sharp, Maddy Shear, Ellen Sherk, Meg Shuff, Heleena Sideris, Tom Sly, Daron Smith, Mary Christa 11 Smith, Paul Smith, Karen Soltis, Mike Sonzini, Cheryl Soshnik, Andrea Spaulding, Meg Steele, Leslie 12 Steiner, Thomas Story III, Helen Strachan, Jean Thompson, Craig Valentine, Wendy Vertal, Johnny 13 Wasden, Michael Waters, Suze Weir, Gwen Wetzel, Dana Williams, Ron Winterton, Rich Wyman, 14 Becky Yih, Paul Ziegler and others who may not have used their full or proper names when logging 15 in electronically via Zoom, or who may have dialed in using only a phone number. 16

## 17 III. Agenda Items - Public Input Session

## 18 **1. Public Hearing on Notice of Intent to Annex**

- Mayor Rubin read the government guidelines for Public Hearings, noting they were an opportunity for the public to provide input on proposed legislation. He reviewed the waiting requirements for an intent to annex land, which required a waiting period of thirty (30) days prior to holding a Public Hearing. He reviewed guidelines and instructions for members of the public to voice their opinion during the meeting and noted Council was only taking input for consideration on whether or not to pass the annexation ordinance.
- Mayor Rubin provided an overview of the consideration of annexation of approximately threehundred fifty (350) acres in the Richardson Flats area to address the retail and service needs of residents of the Town. Possible services discussed included retail, community, and transit services, mixed housing, and schooling needs. The Town felt the services were needed for longterm livability for residents.
- He reviewed the various studies which would be conducted, including environmental, traffic and a feasibility study in order to ensure the plan would adhere to the Town's overall goals. The concern of dark skies and utility services were being considered in order to reach an agreement designed to address those concerns.
- 34 At 6:25 pm, Mayor Rubin opened the floor to public comment.
- Utah State Representative Tim Quinn (District 54) was the first to speak. He thanked the Town for the opportunity for the public to comment. Representative Quinn had attended a meeting in which the developer's counsel stated they had spoken with Utah State Representative Calvin Musselman (District 9) and Utah State Senator Kirk Cullimore (District 9), who were the original sponsors of the annexation bill, as well as those who repealed the bill. Representative Quinn contacted Senator Cullimore regarding the discussion with the developer's counsel, to which Senator Cullimore stated he did not remember speaking with the developer's counsel and it was

not intended to leave a sixty (60)-day window open for Hideout to pursue the annexation.
Representative Quinn read minutes from a committee meeting held on August 19, 2020, and noted
the discussion between Representative Kera Birkeland (District 53), Senator Anderegg (District 13), and Senator Musselman in which the repeal of the bill was discussed. The committee which
had discussed the annexation was in litigation with Summit County and it was questioned if, by
repealing the bill by the legislature, it would act in influencing which way the judge decided to
rule.

- 8 Representative Quinn stated he felt it was obvious the legislative intent was not to leave the sixty 9 (60)-day window open for Hideout to annex and leaving the sixty (60)-day window open was 10 typical procedure for the legislative process during a Special Session, which should be taken into 11 consideration by Hideout's Council.
- Next to speak was Town resident Bret Rudder, who stated he felt the Town was approaching the 12 annexation in the wrong way. He noted the proposed development area of Richardson Flats was 13 5.9 miles from Hideout, which was the same distance to the retail stores and service stations of 14 15 Kamas. He agreed Hideout needed a more sustainable revenue generation from a retail sales tax base but felt the Town should annex by working regionally with surrounding cities, or by rezoning 16 areas within the existing Town boundaries. He expressed his concern regarding the partnership 17 of the developers being broken and one of the developers (Josh Romney) abandoning the 18 transaction. 19
- John McKnight, a resident of The Retreat at Jordanelle, spoke and gave a metaphorical
   comparison of the growth he experienced in Santa Barbara to the growth and development of the
   Park City area. He expressed his concern of the timing of the project and felt the recreational
   aspect of the land should be preserved.
- Craig Valentine, a resident of Park Meadows, Park City, appreciated the support of Representative Quinn and Senator Winterton for their involvement in trying to resolve the issue. He noted he had looked at buying a home in Hideout and agreed with Mr. Rudder's comments regarding the distance to local retail services in Kamas and the south Summit County area. He suggested if Hideout were to continue the feasibility studies, Summit Land Conservancy and Mountain Trails Organization should be included. He also noted Hideout would not be in this annexation predicament they were in if the standard procedure had been followed.
- Myles Rademan, a professional urban planner, offered his comments regarding Hideout's 31 statement on the annexation was to increase its commercial offerings and tax base. He believed 32 33 approving a large amount of residential density would not cover the cost of the services required. He believed the planned 20,000 units already approved around the Jordanelle Reservoir and the 34 35 need for services around the area would only exacerbate the already growing problems of congestion and noted the quantity and quality of recreational and open space amenities provided 36 around the annexation area would determine its livability and success. He expressed if the 37 annexation were to go through, the agreements between the United Park City Mines 38 Company/Talisker of maintaining open space should be honored and made a condition of 39 approval. 40
- 41

- Town residents Mark and Debbie Franzen agreed with earlier comments and thought the increase
   in the tax base was commendable. Mr. Franzen expressed his concern regarding the proposed
   increase in density. He felt, although Hideout did everything legally, the timing was not right for
   the annexation.
- 5 Dave McCurdy, who lived in Deer Vista and was a previous resident of Black Rock Ridge, 6 understood the challenges of an inadequate tax base, but did not agree bringing density, light 7 pollution, and destroying recreational area was the best for the community or region. He noted 8 there were signs for a future grocery store or commercial development on the corner of Browns 9 Canyon Road and SR248 and stated access to retail facilities could be addressed without the 10 annexation.
- 11 Kurt Shadle, resident of Hideout, read a petition which was solicited throughout the Town in 12 opposition of the annexation. The petition urged Hideout to organize a regional approach to 13 planning with Summit County, Park City and Wasatch County in an effort to jointly solve the 14 region's traffic, housing and shopping needs. The petition was signed by almost one hundred 15 Town residents, which Mr. Shadle noted was greater than the number of ballots received for any 16 elected official in past elections.
- Mayor Rubin reminded the public all written comments had been submitted to Council for reviewand consideration.
- 19 Reb Bowen, resident of Park's Edge, stated he submitted his comments via email the previous 20 night but wanted to add his thoughts during the meeting. He was grateful for the public hearing 21 and agreed with the previous comments. He stated the way it was proposed felt fundamentally 22 wrong and was in favor of regional collaborative discussions to work toward solutions.
- Bill Hults, a developer who had recently moved to Park City, agreed with the previous comments. He understood what the Town's intent was and suggested looking at the land on the west side of town toward Kamas which would suit the needs of the Town. He noted he had looked at purchasing that land for development and retail services, however, the developer/owner of that land had it on hold.
- Suze Weir stated she appreciated all the hard work but agreed with the previous speakers in that
  she did not feel comfortable with the way the attempt to annex was approached.
- Suzanne Osterand-Rosenberg, resident of Park City, spoke on behalf of herself and her husband, Robert. She stated the back deck of their home overlooked SR-248 and she could see the traffic accumulate on SR-248 into Park City in the morning. She was concerned about additional traffic in the Richardson Flats development and mentioned a meeting held by the Utah Highway Commission which had no solution to remedy the traffic situation. She doubted there would be a solution found by the developer of the area and was opposed to the annexation.
- John Phillips, the Park City Planning Commission Chair, co-authored and submitted a letter to the Hideout Planning Commission and Town Attorney, Polly McLean. He stated Hideout should make long-term relationships with surrounding areas in order to work together collaboratively in regional planning. He wanted to work together as neighbors and not adversaries and stated there are other areas nearby which would eventually meet the Town's needs as the area grows.

- Tom Sly, a resident of Hideout, thanked the Mayor and Council for the opportunity to speak. He 1 opposed the annexation and expressed his belief this had been a poorly executed case of 2 3 deception, hiding tax benefit under the veil of closer retail and recreational amenities. He believed 4 the best approach was to work in collaboration with southern Wasatch County regional planning efforts to solve the current retail traffic, housing and recreational issues. He recognized the efforts 5 town officials had invested in the community but felt the approach had damaged the reputation 6 of Hideout and those that lived there. He urged town officials to work collaboratively with the 7 adjoining communities and counties to find a resolution. 8
- 9 Amy Sage, a seven-year resident of the Retreat at Jordanelle, expressed her concern of adding a 10 chairlift, stating it would add noise and decreased privacy in the neighborhood. She also felt the 11 corridor, which was proposed along SR-248, and what having that corridor might bring to the 12 major entrance and egress routes to the neighborhood was not being properly addressed. She 13 wondered what, if any, easement the HOA (Homeowner's Association) would get.
- Mary Christa Smith, a thirty (30)-year resident of Summit County, asked the Town to pause and
   reflect on Representative Quinn's comments. She reiterated his statement of the intent of the
   legislature was not to allow the sixty (60)-day window open for the Town to annex and asked
   Council Members to take him up on his offer to convene a group for regional collaboration.
- Danny Barber, a resident of Park City and a lifetime Utah resident, had seen the growth in the area and stated it was a wonderful place to live. He urged Council to work with Summit County to continue to keep the area desirable for residents. He noted he had sent the results of a petition started with chang.org which had 876 signatures opposed to the annexation. *(Clerk's note: the petition was later included with the meeting materials.)*
- Park City Council Member Max Doilney reiterated the position of the Park City Council opposing
  the annexation and stated if Hideout's Council would consider not moving forward with the
  annexation, they would work collaboratively to create a solution.
- Angela Moschetta, a Park City Resident, strongly opposed the annexation, and suggested turning
   to Heber City to incorporate Hideout into their city boundaries.
- Dana Williams, former Mayor of Park City, stated when he took office in 2002, there was nothing 28 in Quinn's Junction except a cement plant and a power station. He was involved in the 29 30 development of all four quadrants over a period of about twelve (12) years. He mentioned he was the soil scientist for the National Soil Conservation Service in 1974, which tested the land for its 31 impacts with heavy metals. He stated those tests revealed lead and heavy metals were everywhere 32 33 in the soil. He reiterated previous suggestions of approaching the annexation regionally and forming relationships with neighboring communities in order to create more commercial retailers 34 in the area. 35
- David Bennett spoke stating Hideout was acting as if they were entitled to the land. He reiterated the importance of relationships with neighboring communities and felt the Town's relationships with Park City, Wasatch County and Summit County would forever be compromised as a result of this process. He suggested Senator Winterton and Representative Quinn convene a meeting between parties to see if an agreement could be reached. He asked Council to reconsider the annexation proposal.

Summit County Council Member Roger Armstrong stated he had never heard of Summit County 1 being in a lawsuit with its neighboring communities, and instead had worked collaboratively on 2 3 the biggest issues faced in the Wasatch Back. He stated Hideout's first proposal of intent to annex 4 was announced in 2019 and was met with objection. However, Summit County Council offered to work with Hideout to try to understand the challenges and collaborate on mutually beneficial 5 solutions. No further communication was had until the annexation attempt in 2020. He stated a 6 7 collaborative process would have been a positive in order to address significant issues including the EPA (Environmental Protection Agency) Superfund Site which abuts the proposed annexation 8 9 area. He noted the area was important, particularly as it relates to its interaction with Park City's contaminated soils disposal and the ultimate cleanup of the contaminated soils in the Highway 40 10 corridor. He addressed the need for basic services such as water, sewer, utilities, police and fire, 11 and stated roads, traffic and transportation issues were also critical. He was concerned these 12 services could have cost impacts on Hideout residents and Summit County residents, and some 13 of those costs would be paid through tax increases that Hideout residents may not be willing to 14 bear. He stated the feasibility process should have been driven by Hideout, Wasatch County, 15 Summit County, and Park City, which would have been a regional collaboration and more likely 16 to result in real and productive solutions. He expressed his concern of when the developer finished 17 Hideout, problems would be left with no other solutions. He stated the value of the Wasatch Back 18 was to escape suburban and urban areas and enjoy the rural nature, trails, ski resorts and open 19 spaces for recreation. He urged Hideout to stop the annexation process and find a better 20 21 sustainable, efficient and thoughtful process to address the issues and find solutions.

- Rich Wyman expressed his thoughts of the process being amateur and unprofessional, and
   reiterated previous comments made during the meeting were opposed to the annexation.
- Park City Mayor Andy Beerman expressed Park City's strong objection to the annexation. He 24 25 noted Park City was sympathetic to Hideout's needs but felt this was the wrong way to approach the solution and stated there were reasons why a traditional annexation process exists. He restated 26 27 Council Member Armstrong's comments regarding the land being next to an EPA Superfund 28 cleanup site and repository, which was currently in litigation. He felt Hideout would regret owning and working in those soils as Park City has. He spoke of his concern of building new 29 roads through the Black Rock and Park City Heights area and how it would not sustain 30 31 commercial development, but it would destroy those neighborhoods. He stated moving forward 32 with the annexation would not create regional relationships and would have the opposite effect. 33 He asked Council to work regionally with the neighboring communities to find a solution.
- Alex Butwinski, a former Council Member of Park City, stated these types of annexations take a
   long time due to needing a development agreement in place which would address the various
   needed services. He urged Council to reconsider pushing the annexation through.
- Sean Phillipoom spoke in support of the annexation and noted how difficult it was to show support amidst the negativity surrounding it. He stated just because there were 170 people logged into the Zoom meeting opposing the annexation, it did not mean there were not a large majority of residents supporting it.
- 41

- Joy Rocklin, a Black Rock Ridge resident, opposed the annexation and pointed out Hideout's
   website stated six new areas were under development and advertised open space and acreage. She
   inquired if some residential areas could be rezoned to commercial and urged Hideout to stop the
   annexation and work with neighboring cities.
- 5 Steven Grayson, a Park City resident, noted the unanimous comments opposing the annexation 6 and felt the developer was only interested in the annexation in order to benefit financially.
- John Labrum, a Park City resident, expressed residents' enjoyment of the Wasatch Back's recreation and open space. He was concerned the legislative process was deceitful and felt the Utah Legislature put time and energy into repealing the bill. He was amazed Hideout was continuing to move forward with the annexation when neighboring communities had stated they would work collaboratively in order to find a solution.
- John Leone, a resident of Hideout, felt the annexation was rushed and urged Council to work with
   neighboring communities to reach a mutual decision. He agreed the Town needed commercial
   and retail services but wanted to do it in a more collaborative way with Summit County.
- 15 Colin DeFord, a former Planning Commissioner of Centerville Basin, felt the annexation was 16 primarily a sales tax consideration to support the Town. He understood the Town (as a whole) 17 was pushed through and there was no consideration from the developers on how to sustain the 18 Town, and now the Town was looking for help. He felt there was a way to support the Town, but 19 it needed to be creative in doing it. He was not convinced Hideout wanted regional collaboration 20 and stated the only winner in this deal would be the developer.
- Chris Ensign, a landowner in Hideout, was surprised by the negative outlook. He had worked with the Hideout Planning Commission and Town Council and felt it was a capable group of leaders which could make the project work well. He spoke of the development of Kimball Junction and noted the similarity of this annexation project. He asked Park City to be good neighbors and support the Town and its future.
- Eric Davenport, general counsel for Holmes Homes, spoke in favor of the project. As he understood, all the issues which had been raised as it related to the project had been appropriately addressed and the appropriate steps had been followed. He noted Utah was a growing state, and this was a growing area. He expressed his thoughts about the hypocrisy of residents moving into an area but then attempting to stop any further development.
- Kamas City Mayor Matt McCormick echoed many of the comments already made wanting
  regional planning and working with Park City, Summit County and Wasatch County and even
  Kamas in order to build relationships and work toward a solution.
- Summit County Council Member Chris Robinson stated Summit County would like a good relationship with Hideout, Wasatch County and surrounding communities. He expressed concerns of Hideout proceeding with the annexation, how relationships may be strained between all involved. He reiterated Summit County's desire to work with Hideout and the surrounding jurisdictions and stakeholders in a positive, constructive way. He urged Hideout to reconsider pursuing the annexation at this time.
- 40

Madison Keller was in support of the annexation. She noted Park City officials stated they did
not want this type of development within their boundaries but were adding a bigger development
behind the Outlets. She added Summit County was developing behind the Home Depot as well.
She noted Summit County had been in a lawsuit and lost for stifling development on the film
studio parcel. She expressed her support of the development in Hideout, Summit County and Park
City, but did not support the hypocrisy of Park City and Summit County's stance on the matter.

- Sally Elliott expressed her concern of a bad public process and not receiving enough public input.
  She felt by giving the process more time, a resolution could be found.
- Spencer Knight, a Park City resident, spoke in support of the development. He and his wife rent
  a home in Park City and work at the ski resort. He expressed he would like to own a home in the
  area and the proposal of affordable housing would provide a way for him to do that.
- James Doilney, a Park City resident and former member of the Park City Council, stated his
   opposition to the annexation and felt if the annexation were to move forward, it would be done in
   conflict with state lawmakers' intent and would forever stain the reputation of the Town.
- 15 There being no further comments from the public, Mayor Rubin closed public input at 8:49 p.m.
- 16 Council Member Jerry Dwinell expressed his appreciation for those who took the time to provide 17 comments and stated it was informative and helpful in the decision-making process. Other 18 Council Members agreed.

## 19 IV. Meeting Adjournment

20 There being no further business, Mayor Rubin asked for a motion to adjourn the meeting.

# Motion: Council Member Dwinell moved to adjourn the meeting. Council Member Severini made the second. Voting Yea: Council Members Baier, Dwinell, Haselton, Nadelberg and Severini. None opposed.

- 24 The meeting adjourned at 8:51 p.m.
- 25
- 26
- 27 28

30

29

Alicia Fairbourne, Town Clerk

## File Attachments for Item:

2. Discussion regarding audit findings for Fiscal Year ending 2019



April 1, 2021

To the Mayor and City Council Hideout Town 10860 N Hideout Trail Hideout, UT 84036

We have audited the financial statements of the governmental activities, the business-type activities, and each major fund of Hideout Town for the year ended June 30, 2020. Professional standards require that we provide you with information about our responsibilities under generally accepted auditing standards, *Government Auditing Standards*, and if applicable the Uniform Guidance, as well as certain information related to the planned scope and timing of our audit. We have communicated such information in our letter to you dated September 4, 2020. Professional standards also require that we communicate to you the following information related to our audit.

#### Significant Audit Matters

#### Qualitative Aspects of Accounting Practices

Management is responsible for the selection and use of appropriate accounting policies. The significant accounting policies used by Hideout Town are described in Note 1 to the financial statements. No new accounting policies were adopted and the application of existing policies was not changed during the year. We noted no transactions entered into by Hideout Town during the year for which there is a lack of authoritative guidance or consensus. All significant transactions have been recognized in the financial statements in the proper period.

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's knowledge and experience about past and current events and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ significantly from those expected. The most sensitive estimate affecting the Town's financial statements was:

- Management's estimate of accounts receivable collectible within one year and the allowance for uncollectible accounts. A portion of Hideout Town's receivable balance (\$320,000) has been challenged by a customer and is in the process of litigation.
- Management's estimate of the estimated useful life of capital assets is based on historical averages on replacement. We evaluated the key factors and assumptions used to develop the estimate in determining that it is reasonable in relation to the financial statements taken as a whole.

The financial statement disclosures are neutral, consistent, and clear.

#### Difficulties Encountered in Performing the Audit

We encountered no significant difficulties in dealing with management in performing and completing our audit.

#### ROYCE J. RICHARDS, J.D., CPA | RYAN R. CHILD, CPA

#### Corrected and Uncorrected Misstatements

Professional standards require us to accumulate all known and likely misstatements identified during the audit, other than those that are clearly trivial, and communicate them to the appropriate level of management. Management has corrected all such misstatements. See Appendix A of this letter for a listing of individually significant corrections. In addition, none of the misstatements detected as a result of audit procedures and corrected by management were material, either individually or in the aggregate, to each opinion unit's financial statements taken as a whole.

#### Disagreements with Management

For purposes of this letter, a disagreement with management is a financial accounting, reporting, or auditing matter, whether or not resolved to our satisfaction, that could be significant to the financial statements or the auditor's report. We are pleased to report that no such disagreements arose during the course of our audit.

#### Management Representations

We have requested certain representations from management that are included in the management representation letter dated April 1, 2021.

#### Management Consultations with Other Independent Accountants

In some cases, management may decide to consult with other accountants about auditing and accounting matters, similar to obtaining a "second opinion" on certain situations. If a consultation involves application of an accounting principle to Hideout Town's financial statements or a determination of the type of auditor's opinion that may be expressed on those statements, our professional standards require the consulting accountant to check with us to determine that the consultant has all the relevant facts. To our knowledge, there were no such consultations with other accountants.

#### Other Audit Findings or Issues

We generally discuss a variety of matters, including the application of accounting principles and auditing standards, with management each year prior to retention as Hideout Town's auditors. However, these discussions occurred in the normal course of our professional relationship and our responses were not a condition to our retention.

#### Other Matters for Your Consideration

During our audit we also noted items of improvement to internal controls and processes that will improve financial reporting and the control structure. Below are these items for your consideration.

#### 2020-5 Miscalculated Building Permit Fees

**Finding:** Per the Town of Hideout Fees and Rates Schedule, building valuations should be derived from current building valuation data from the International Code Council (ICC). Valuation figures for one of the five sample items tested were calculated using ICC tables from an outdated fee and rate schedule, resulting in under-calculated building permit fees of \$1,164.

**Recommendation:** We recommend the City use the latest tables available from the ICC in calculating building valuations.

**Management's Response**: Administrations will be trained on figuring proper building rates per the ICC table and charge accordingly.

#### 2020-6 Unsupported Vacation Balances

**Finding:** Vacation balances of the Public Works Director are based on employee record only and are not tracked independently by the Town of Hideout. Because these balances ultimately result in payouts to the employee upon termination, it is important that the balances be tracked and regularly reviewed by an independent individual.

**Recommendation:** We recommend an independent individual maintain and review the vacation balances of the Public Works Director each pay period.

**Management's Response**: The Public Works Director's Vacation Balance will be reviewed monthly by the Town Administrator. This employee had a grandfathered vacation agreement. The town will ensure that the vacation is paid out and that it will be tracked moving forward in the accounting system.

#### 2020-07 Noncompliance with State Requirements

Finding: We noted noncompliance with the following state requirements:

- 1. Per Utah Code, Section 52-4-203(4)(e), a state public body shall within three business days after approving written minutes of an open meeting, post to the website and make available to the public a copy of the approved minutes. Meeting minutes were not posted to the Public Notice website for four meetings held during the fiscal year.
- 2. Per Auditor Alert 2020-01 issued by the Office of the State Auditor, all local governments are required to complete, certify, and present an Annual Fraud Risk Assessment to the governing board before the end of the 2020 fiscal year. The Town was unable to complete the assessment prior to June 30, 2020. The Town completed the assessment in July 2021 but has not uploaded the required documents to the Office of the State Auditor.

**Recommendation:** We recommend the Town 1) ensure all Town council meeting minutes are posted in a timely manner to the Public Notice Website as required by law, and 2) complete and present the fraud risk assessment to the town council annually before the end of the fiscal year and upload documents as required by the Office of the State Auditor.

**Management's Response**: The town got behind on minutes due to loss of a recorder amid a significant increase in the number of public meetings due to a controversial annexation petition. The town hired a new clerk as well as a deputy clerk to address this.

#### Other Matters

We applied certain limited procedures to the management's discussion and analysis and the budgetary comparison for the general fund which are required supplementary information (RSI) that supplements the basic financial statements. Our procedures consisted of inquiries of management regarding the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We did not audit the RSI and do not express an opinion or provide any assurance on the RSI.

We were engaged to report on combining individual fund financial statements, which accompany the financial statements but are not RSI. With respect to this supplementary information, we made certain inquiries of management and evaluated the form, content, and methods of preparing the information to determine that the information complies with accounting principles generally accepted in the United States of America, the method of preparing it has not changed from the prior period, and the information is appropriate and complete in relation to our audit of the financial statements. We compared and reconciled the supplementary information to the underlying accounting records used to prepare the financial statements or to the financial statements themselves.

#### Restriction on Use

This information is intended solely for the information and use of the Mayor and City Council and management of Hideout Town and is not intended to be, and should not be, used by anyone other than these specified parties.

Very truly yours,

Child, Richards CPAs & Advisors

#### ltem # 2.

## APPENDIX A TOWN OF HIDEOUT JOURNAL ENTRIES JUNE 30, 2020

#	ACCOUNT DESCIPTION	DEBIT	CREDIT
GENE	RAL FUND		
1	2981 Fund Balance	5,463.90	
	1175 Undeposited receipts		5,463.90
	2981 Fund Balance	2,838.68	
	NEW - Allowance for doubtful accounts		2,838.68
	10 2971 - Restricted	15,874.04	
	1341 Due from other governments		15,874.04
	1341 Due from other governments	19,714.86	
	10 2981 - Fund balance		19,714.86
	1341 Due from other governments	31,029.23	
	2380 Deferred inflows - property taxes		31,029.23
	1341 Due from other governments	9,866.13	
	2981 Fund Balance		9,388.52
	2981 Fund Balance		477.61
	1341 Due from other governments	2,255.13	
	2981 Fund Balance		2,255.13
	2981 Fund Balance	79,319.69	
	5002.3 Engineering		13,041.57
	5002.2 Legal		4,880.00
	5002.4 Building inspection		33,879.89
	5002.3 Engineering		27,518.23
	5001.8 Admin Personnel	1,633.17	
	10 2981 - Fund balance		1,633.17
	10 2981 - Fund balance	4,357.55	
	5001.8 Admin Personnel	,	4,357.55
	10 2981 - Fund balance	8,643.75	,
	NEW - Interest Payable	,	8,643.75
	10-2131 Accounts Payable	1,631.25	,
	10 2981 - Fund balance	)	1,631.25
	10 2981 - Fund balance	2,092.50	)
	5002.3 Engineering	_,	2,092.50
	10 2981 - Fund balance	1,640.00	_,
	2700 Western Ventures-Deer Springs	_,	1,640.00
	2700 Western Ventures-Deer Springs	10,532.66	1,010100
	10 2981 - Fund balance	10,002100	10,532.66
	10 2981 - Fund balance	787.50	10,552.00
	2703 Golden Eagle Phase 1	101.50	787.50
	2703 Golden Eagle Phase 1	7,512.26	101.50
	10 2981 - Fund balance	7,512.20	7,512.26
	10 2981 - Fund balance	1,756.25	7,512.20
	2705 Golden Eagle Phase 3	1,750.25	1,756.25
	10 2981 - Fund balance	925.00	1,730.23
	2712 Klaim	923.00	925.00
	2712 Klaim 2712 Klaim	- 7 721 25	923.00
		7,231.35	7 7 7 1 7 5
Page	10 2981 - Fund balance		7,231.35

10	2981 - Fund balance	60.00	ltem # 2.
10	2713 Klaim The View at Hideout	00.00	60.00
271	3 Klaim The View at Hideout	600.00	00.00
2/1	10 2981 - Fund balance	000.00	600.00
272	4 Shoreline Phase 1 Plat C""	620.00	000.00
212	10 2981 - Fund balance	020.00	620.00
272	6 Shoreline Phase 2A	280.00	020.00
212	10 2981 - Fund balance	280.00	280.00
10	2981 - Fund balance	640.09	280.00
10		040.09	640.09
272	2727 Soaring Hawk Phase 1 Soaring Hawk Subdivision 7 Soaring Hawk Phase 1 Soaring Hawk Subdivision	1,416.60	040.09
212	10 2981 - Fund balance	1,410.00	1 116 60
272	1 Sunrise	2 190 00	1,416.60
273	10 2981 - Fund balance	3,180.00	2 190 00
10	2981 - Fund balance	(00.00	3,180.00
10		600.00	(00.00
207	2735 The Views Development Review	16 425 00	600.00
297	1 Restricted	16,425.00	16 425 00
10	2981 Fund balance	29 122 20	16,425.00
10	2981 - Fund balance	28,123.20	20 122 20
111	NEW 10 2975 - Bond Reserves	45 000 00	28,123.20
111	1 Key Bank (4000)	45,000.00	45 000 00
	2981 Fund balance	520 72	45,000.00
	5004 Admin Other	529.72	520 72
1 1 1	2981 Fund balance	011.40	529.72
111	1 Key Bank (4000)	911.42	011.40
	2981 Fund balance		911.42
-to	adjust retained earnings to beginning audited balance		
2 500	2.3 Engineering	23,175.75	
500	2.2 Legal	814.00	
	2700 Western Ventures-Deer Springs		23,989.75
270	0 Western Ventures-Deer Springs	27,573.85	
	NEW REVENUE ACCT - Developer reimbursements		27,573.85
500	2.3 Engineering	22,203.10	
500	2.2 Legal	374.00	
	2701 Deer Waters Resort		22,577.10
270	1 Deer Waters Resort	25,155.14	
	NEW REVENUE ACCT - Developer reimbursements		25,155.14
500	2.3 Engineering	15,358.50	
	2703 Golden Eagle Phase 1	10,00000	15,358.50
270	3 Golden Eagle Phase 1	19,489.75	,
270	NEW REVENUE ACCT - Developer reimbursements	19,109170	19,489.75
500	2.3 Engineering	1,803.65	
	2705 Golden Eagle Phase 3	,	1,803.65
	-		
500	2.3 Engineering	10,135.15	
	2.2 Legal	3,234.00	
Page 18	2712 Klaim	,	13,369.15

2712 Klaim	15,725.15	ltem # 2.
NEW REVENUE ACCT - Developer reimbursements		15,725.15
2713 Klaim The View at Hideout	225.00	
NEW REVENUE ACCT - Developer reimbursements	225.00	225.00
		223.00
2715 Perches/Commercial (Golden Eagle)	704.00	
2714 New Town Center & Perch		704.00
5002.2 E	7 010 05	
5002.3 Engineering 2716 Plumb Holdings	7,210.25	7,210.25
2716 Plumb Holdings	8,279.00	7,210.25
NEW REVENUE ACCT - Developer reimbursements	0,277.000	8,279.00
5002.3 Engineering	9,595.00	
2721 Shoreline (remaining lots)		9,595.00
2722 Shoreline Phase 1 Plat "A"	3,301.22	
NEW REVENUE ACCT - Developer reimbursements	5,501.22	3,301.22
ľ		,
5002.3 Engineering	10,531.20	
5002.2 Legal	198.00	10
2725 Shoreline Phase 2 2725 Shoreline Phase 2	25 622 10	10,729.20
NEW REVENUE ACCT - Developer reimbursements	25,632.19	25,632.19
NEW REVENUE ACCT - Developer tembulsements		25,052.17
5002.3 Engineering	1,020.40	
2727 Soaring Hawk Phase 1 Soaring Hawk Subdivision		1,020.40
5002.2 En sin serin s	600.00	
5002.3 Engineering 2729 Soaring Hawk Phase 3 Fox Hollow	600.00	600.00
2729 Soaring Hawk Phase 3 Fox Hollow	2,618.07	000.00
NEW REVENUE ACCT - Developer reimbursements	,	2,618.07
5002.3 Engineering	188.50	100 50
2730 Soaring Hawk Phase 4 2730 Soaring Hawk Phase 4	894.90	188.50
NEW REVENUE ACCT - Developer reimbursements	094.90	894.90
		0, 1,,0
5002.3 Engineering	8,671.50	
2732 Vanden Akker		8,671.50
2732 Vanden Akker	8,722.20	0.722.20
NEW REVENUE ACCT - Developer reimbursements		8,722.20
5002.3 Engineering	4,948.75	
2733 Venturi	·	4,948.75
2733 Venturi	4,628.75	
NEW REVENUE ACCT - Developer reimbursements		4,628.75
02.3 Engineering	1 671 25	
02.3 Engineering 2734 All West	4,671.25	4,671.25
2/0111111000		.,071.20

Page

	2734 All West NEW REVENUE ACCT - Developer reimbursements	6,467.00	<i>Item</i> # 2. 6,467.00
	5002.3 Engineering 2801 Creekside	1,000.00	1,000.00
	5002.3 Engineering 2735 The Views Development Review -to reclass developer liabilities as revenue and expense	225.00	225.00
3	2981 Fund balance 1111 Key Bank (4000) -to adjust Retained Earnings for prior period voided checks #3882 & #4015	5,046.55	5,046.55
4	2307 Security deposits NEW Deferred Revenue -to reclass unspent CARES act funds as deferred revenue	29,389.00	29,389.00
5	5003 Admin Benefits 5001.7 Admin Office supplies 2221 Accrued SS, MC, & FWT payable -to reclass PEHP & lease pament	1,857.40 136.87	1,994.27
6	NEW - Prepaid Expense 2221 Accrued SS, MC, & FWT payable 2222 Accrued state withholding payable -to reclass overpayments less amounts due as prepaid expense	6,412.34	1,297.06 5,115.28
7	5002.3 Engineering 5002.2 Legal 2602 Professional Services Advanced	7,074.50 1,753.00	8,827.50
8	-to reclassify as expenses to the Town 1341 Due from other governments 1411 Due from other -to reclass Energy taxes accrual	2,885.55	2,885.55
9	<ul> <li>1341 Due from other governments</li> <li>3120 Prior year property taxes - delinquent</li> <li>-to recognize deferred delinquent taxes received in FY2020 less FY2019 accrual a</li> </ul>	3,079.26 as revenue	3,079.26
10	<ul><li>1111 Key Bank (4000)</li><li>1175 Undeposited receipts</li><li>-to allocate undeposited receipts from General Fund to Water Fund</li></ul>	2,929.04	2,929.04
11	5002.4 Building inspection 5002.2 Legal 2131 Accounts payable -to accrue FY20 expenses	20,388.75 9,980.10	30,368.85

12 **NEW Deferred Revenue** 13,647.46 NEW - CARES Act Revenue 13,647.46 -to recognize spent CARES act funds as revenue 13 5001.8 Admin Personnel 2,372.74 2211 Accrued wages payable 2,372.74 -to adust 2020 wages payable 14 2307.1 Application Deposits 61,000.00 **NEW - Contributions from Developers** 61,000.00 -to reclassify contribution from developer made in exchange for annexation 15 2380 Deferred inflows - property taxes 15,872.85 1341 Due from other governments 15,872.85 -to adjust balance of 2020 Delinquent taxes receivable 16 2981 Fund balance 592.91 NEW :2975 Bond Reserves 592.91 -to adust bond reserve account to PTIF balance at year end 17 1341 Due from other governments 2,034.09 3120 Prior year property taxes - delinquent 1,593.20 3124 Fee-in-lieu of property taxes 440.89 -to accrue property taxes April - June 18 1341 Due from other governments 1,074.41 10 2981 - Fund balance 1,074.41 3124 Fee-in-lieu of property taxes 135.52 3120 Prior year property taxes - delinquent 938.89 1341 Due from other governments 1.074.41 -to record June PY receivable and FY20 reversal of property taxes 19 3140 Municipal energy taxes 7,659.68 1341 Due from other governments 7,659.68 3140 Municipal energy taxes 2,255.13 1341 Due from other governments 2,255.13 -to record reversal of PY accrual and to reverse out accrual in account that shouldn't be accrued anymore 19,855.18 20 3130 Sales tax 3135 Telecomm Tax Revenue 151.43 1341 Due from other governments 20,006.61 - to reverse out accruals that shouldn't be in the revenue accounts 21 3120 Prior year property taxes - delinquent 11,186.70 3124 Fee-in-lieu of property taxes 8,134.24 3110 Property taxes - current 6,722.20 1341 Due from other governments 12,598.74 record property taxes to match the confirmations

Page 21

#### ltem # 2.

22	5004 Admin Other	1,319.27	ltem # 2.
	1116 Zions Bank - City Bldg Acct	,	1,319.27
	-to agree cash balance to statement		
23	1311 Accounts receivable	23,750.00	22 750 00
	2601 Developer Performance Bonds Held -to correct negative A/R balance for cust account #12478 MISC		23,750.00
	-to correct negative A/K balance for cust account #12478 MISC		
24	NEW - Bad Debt Expense	12,187.32	
	NEW - Allowance for doubtful accounts		12,187.32
	-to adjust A/R allowance in General Fund		
25	1111 Key Bank (4000)	33,880.20	
	2601 Developer Performance Bonds Held		33,880.20
	-to correct recording of cash transfer as a Deer Waters performance bond.		
26	NEW - Developer Reimbursements	21,641.25	
20	1311 Accounts receivable	21,011.20	21,641.25
	-to reverse FY18 subdivision fees no longer collectible.		
		919,486.78	919,486.78
XX/ A TTE	CR FUND		
WAIE			
27	2981 Retained earnings	16,566.17	
	NEW - Allowance for doubtful accounts		16,566.17
	NEW Prepaid Expense	41,102.53	
	2981 Retained earnings		41,102.53
	1640 Machinery & Equipment	10,627.00	
	1610 Water System	10,02,000	261,864.38
	1620 Sewer System		463,084.00
	NEW 1630 Storm Drain System		206,348.07
	1710 Acc Dpn Water System		145,543.56
	1720 AccDpn Sewer System		79,057.29
	1730 AccDpn Storm Drain System		66,666.58
	NEW AccDpn Machinery & Equipment		885.58
	2981 Retained earnings	1,212,822.46	
	2131 Accounts payable	45,000.00	
	1111 Key Bank (4000)	12,000.00	45,000.00
	2981 - Fund balance	1,146.92	
	NEW Wages Payable	,	1,146.92
	6305 Repairs and Maint - Sewer	1,200.00	
	2981 - Fund balance		1,200.00
	6350 Salaries and wages	2,200.55	
	2981 - Fund balance		2,200.55
	6240 Office expenses	331.32	
Page	22 2981 - Fund balance		331.32
	adjust beginning retained earnings		

			ner
28	6610 Depreciation Expense	2,016.46	
	1710 Acc Dpn Water System		3,124.14
	1720 AccDpn Sewer System	3,979.71	
	1730 AccDpn Storm Drain System		1,353.89
	NEW AccDpn Machinery & Equipment		1,518.14
	-to adjust depreciation expense to depreciation schedule		
29	NEW - Construction in Progress	8,580.25	
	1610 Water System	-)	4,290.13
	1620 Sewer System		4,290.12
	-to reclass public works building as CIP. NOTE: Also adjust on depreciation s	chedule	
30	1175 Undeposited receipts	2,929.04	
20	1111 Key Bank (4000)	2,929.01	2,929.04
	-to allocate undeposited receipts from General Fund to Water Fund		2,929.01
31	6405 JSSD - Sewer	3,305.55	
51	6410 JSSD - Water	20,812.50	
	2131 Accounts payable	20,012.30	24,118.05
	-to accrue June payments to JSSD		24,110.05
	-to accrue June payments to JSSD		
32	5140 Water service	7,884.00	
	2131 Accounts payable		7,884.00
	-to accrue refunds to Community Preservation Assoc.		
33	6140 - Engineering	3,777.50	
	2131 Accounts payable		3,777.50
	-to accrue T-O May enginnering services		
34	6350 Salaries and wages	3,592.59	
	NEW - Wages Payable	,	3,592.59
	-to adjust 2020 wages payable		,
35	6250 Operating expenses	3,454.18	
55	1311 Accounts receivable	5,15 1.10	3,454.18
	-to agree A/R Summary with G/L due to opening balance discrepancies		5,10 1110
		1,391,328.73	1,391,328.73
		1,571,526.75	1,571,520.75
FUND	91 - GOVT'L FIXED ASSETS		
36	1640 Machinery & Equipment	8,300.00	
50	2910 Invested in Capital Assets	3,088,626.61	
	1690 Roadway Improvements	5,000,020.01	1,927,979.47
	1720 AccDpn Buildings		8,063.48
	1740 AccDpn Machinery & Equipment		36,582.08
	1790 AccDpn Roadway Improvements		1,124,301.58
	-to adjust balances to depreciation schedule		1,127,301.30
Page			
, age			

3,096,926.61 3,096,926.61

ltem # 2.

## FUND 95 - GENERAL LONG-TERM DEBT

37	2599 General L-t debt offset NEW - Compensated Absences -to adjust compensated absences liability to maximum carryover	3,448.00	3,448.00
38	2599 General L-t debt offset NEW - 2015 Chevy Lease -to record balance of lease as of 6/30/2020.	4,137.58	4,137.58
39	<ul> <li>2501.2 2013 Town Hall Bond Repaid</li> <li>2599 General L-t debt offset</li> <li>-to record 2020 principal payment in General L-t debt fund</li> </ul>	14,000.00	14,000.00
		21,585.58	21,585.58

HIDEOUT TOWN BASIC FINANCIAL STATEMENTS AND REQUIRED SUPPLEMENTARY INFORMATION WITH INDEPENDENT AUDITOR'S REPORTS YEAR ENDED JUNE 30, 2020

## **TABLE OF CONTENTS**

Independent Auditor's Report Management's Discussion and Analysis	
Basic Financial Statements:	
Government Wide Financial Statements:	
Statement of Net Position	8
Statement of Activities	
Governmental Funds Statements:	
Balance Sheet – Governmental Funds	
Reconciliation of the Balance Sheet – Governmental Funds	
to the Statement of Net Position	
Statement of Revenues, Expenditures, and Changes in	
Fund Balances – Governmental Funds	
Reconciliation of the Statement of Revenues, Expenditures, and	
Changes in Fund Balances to the Statement of Activities	
Proprietary Fund Statements:	
Statement of Net Position – Proprietary Funds	
Statement of Revenues, Expenses, and Changes in Fund	
Net Position – Proprietary Funds	
Statement of Cash Flows – Proprietary Funds	16
Notes to the Financial Statements	
Required Supplementary Information:	
Schedule of Revenues, Expenditures, and Changes to Fund Balances Budget and Actual – General Fund	
Auditors' Reports and Schedule of Findings:	
Independent Auditors' Report on Internal Control Over Financial Reporting and on Compliance and Other Matters based on an audit of financial statements performed in accordance with <i>Government Auditing Standards</i>	35.36
performed in accordance with Oovernment Auditing Stuniuurus	
Independent Auditors' Report in Accordance with the State Compliance Audit Guide	
Schedule of Findings	



## **INDEPENDENT AUDITOR'S REPORT**

To the Mayor and City Council of Hideout Town

#### **Report on the Financial Statements**

We have audited the accompanying financial statements of the governmental activities, the business-type activities, and each major fund of Hideout Town, as of and for the year ended June 30, 2020, and the related notes to the financial statements, which collectively comprise Hideout Town's basic financial statements as listed in the table of contents.

#### Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

#### Auditor's Responsibility

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

#### **Opinions**

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities, the business-type activities, and each major fund of Hideout Town, as of June 30, 2020, and the respective changes in financial position, and, where applicable, cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

#### **Other Matters**

#### Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis and the budgetary comparison information on pages 3-7 and 33-34 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

#### Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated April 1, 2021, on our consideration of Hideout Town's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of Hideout Town's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering Hideout Town's internal control over financial reporting and compliance.

Child, Richards CPAs & Advisors

Ogden, Utah April 1, 2021

ltem # 2.

## MANAGEMENT'S DISCUSSION AND ANALYSIS

#### INTRODUCTION

The following is a discussion and analysis of Hideout Town's financial performance and activities for the fiscal year ending June 30, 2020.

#### HIGHLIGHTS

Net position of the Town increased by \$23,919. Of this amount, business-type activities increased by \$250,035 and governmental activities decreased by \$226,116.

The assets of Hideout Town exceeded its liabilities and deferred inflows of resources at the end of the current fiscal year by \$12,088,051 (net position). Of this amount, \$1,208,976 (unrestricted net position) is available to meet ongoing obligations to citizens and creditors.

The Town's governmental funds reported a combined ending fund balance of \$373,682, an increase of \$103,195 compared to the prior years' ending amount. Of the combined total fund balance, \$344,966 is available for spending at the discretion of the Town (unrestricted and unassigned fund balance).

The unrestricted and unassigned fund balance of the General Fund at June 30, 2020, totaling \$344,966, is 37% of the General Fund total revenues for the year. The General Fund has \$28,716 of fund balance restricted for specific purposes that will be carried over into the following fiscal year.

#### OVERVIEW OF THE FINANCIAL STATEMENTS

This discussion and analysis is an introduction to the Town's Basic Financial Statements. The Basic Financial Statements includes three components: 1) government-wide financial statements, 2) fund financial statements, and 3) notes to the financial statements.

The government-wide financial statements are comprised of the Statement of Net Position and the Statement of Activities. These two statements provide a broad overview of the Town's finances. The Statement of Net Position shows the overall net position of the Town. Increases and decreases in net position are one indicator of the Town's overall financial condition. The Statement of Activities helps to identify functions of the Town that are principally supported by taxes and other general revenues (governmental activities) along with other functions that are intended to recover all or most of their costs through user fees and charges (business-type activities). Hideout Town's business type activities are water.

The fund financial statements provide detailed information about individual major funds and not the Town as a whole. A fund is a group of related accounts that the Town uses to keep track of specific resources that are segregated for a specific purpose. Some funds are required by law to exist, while others are established internally to maintain control over a particular activity. All of the Town's funds are divided into two types. The two types are Governmental Funds and Proprietary Funds.

A fund is defined as a fiscal and accounting entity with a self-balancing set of accounts recording cash and other financial resources, together with all related liabilities and residual equities or balances, and changes therein, which are segregated for the purpose of carrying on specific activities or attaining certain objectives in accordance with special regulations, restrictions, or limitations.

Hideout Town maintains one individual governmental fund. Information is presented separately in the governmental fund Balance Sheet and in the governmental fund Statement of Revenues, Expenditures, and Changes in Fund Balances for the General Fund.

Hideout Town adopts an annual appropriated budget for its General Fund. A budgetary comparison statement has been provided for the General Fund to demonstrate compliance with this budget.

Hideout Town has one Proprietary Fund. The Enterprise Funds may be used to report any activity for which a fee is charged to external users for goods or services. The Enterprise Funds are used to report the same functions presented as business-type activities in the government-wide financial statements.

There are several differences between Government-Wide and Fund Statements. Capital assets and longterm debt are included on the government-wide statements, but are not reported on the governmental fund statements. Capital outlays result in capital assets on the government-wide statements, but are expenditures on the governmental fund statements.

(The remainder of this page intentionally left blank)

#### FINANCIAL ANALYSIS OF THE CITY AS A WHOLE

#### **Net Position**

#### **GOVERNMENT-WIDE FINANCIAL ANALYSIS**

	Government	al Activities	Business-typ	be Activities	To	Total	
	June 30	June 30	June 30	June 30	June 30	June 30	
	2020	2019	2020	2019	2020	2019	
Cash	\$ 930,928	\$ 671,690	\$ 509,950	\$ 443,445	\$ 1,440,878	\$ 1,115,135	
Other assets	326,112	335,499	412,182	297,806	738,294	633,305	
Capital assets	7,321,510	7,678,090	3,975,849	4,159,319	11,297,359	11,837,409	
Deferred outflows of resources Total assets and deferred							
outflows	8,578,550	8,685,279	4,897,981	4,900,570	13,476,531	13,585,849	
Noncurrent liabilities	454,934	482,203	-	-	454,934	482,203	
Other liabilities	735,263	588,648	50,188	302,812	785,451	891,460	
Total liabilities	1,190,197	1,070,851	50,188	302,812	1,240,385	1,373,663	
Deferred inflows of resources Total liabilities and deferred	148,095	148,054			148,095	148,054	
inflows	1,338,292	1,218,905	50,188	302,812	1,388,480	1,521,717	
Net position:							
Net investment in capital assets	6,874,510	7,217,090	3,975,849	4,159,319	10,850,359	11,376,409	
Restricted	28,716	28,123	-	-	28,716	28,123	
Unrestricted	337,032	221,161	871,944	438,439	1,208,976	659,600	
Total net position	\$ 7,240,258	\$ 7,466,374	\$ 4,847,793	\$ 4,597,758	\$ 12,088,051	\$ 12,064,132	

The largest component of the Town's net position, 89.8%, reflects investments in capital assets (land, buildings, equipment, and infrastructure) less all outstanding debt that was issued to buy or build those assets. As capital assets, these resources are not available for future spending, nor can they all be readily liquidated to pay off the related liabilities.

Restricted net position comprises less than 1% of the total net position and is subject to external restrictions on how they may be used. The remaining 10% of net position is unrestricted and may be used at the Town's discretion to meet its ongoing obligations to citizens and creditors.

## **Changes in Net Position**

	Government	al Activities	Business-type Activities		To	Total		
	June 30	June 30	June 30	June 30	June 30	June 30		
	2020	2019	2020	2019	2020	2019		
Revenues:								
Program revenues:								
Charges for services Operating grants and	\$ 489,945	\$ 300,298	\$ 1,074,127	\$ 515,386	\$ 1,564,072	\$ 815,684		
contributions	77,896	56,657	-	-	77,896	56,657		
Capital grants and contributions	61,000	-	-	-	61,000	-		
General revenues:								
Property taxes	152,129	64,745	-	-	152,129	64,745		
Sales taxes	110,955	100,174	-	-	110,955	100,174		
Other taxes	41,435	34,734	-	-	41,435	34,734		
Interest	3,277	5,464	3,277	-	6,554	5,464		
Other	1,764	6,877			1,764	6,877		
Total revenues	938,401	568,949	1,077,404	515,386	2,015,805	1,084,335		
Transfers In (Out)								
Total revenues and transfers	938,401	568,949	1,077,404	515,386	2,015,805	1,084,335		
Expenses:								
General government	646,541	566,194	-	-	646,541	566,194		
Public safety Highways and public	1,929	1,604	-	-	1,929	1,604		
improvements	500,522	446,370	-	-	500,522	446,370		
Parks and recreation	4,000	4,943	-	-	4,000	4,943		
Interest	11,525	20,554	-	-	11,525	20,554		
Water			827,369	461,623	827,369	461,623		
Total expenses	1,164,517	1,039,665	827,369	461,623	1,991,886	1,501,288		
Change in net position	(226,116)	(470,716)	250,035	53,763	23,919	(416,953)		
Net position-beginning	7,466,374	7,937,090	4,597,758	4,543,995	12,064,132	12,481,085		
Net position-ending	\$ 7,240,258	\$ 7,466,374	\$ 4,847,793	\$ 4,597,758	\$ 12,088,051	\$ 12,064,132		

#### **Governmental Activities**

The activities in the governmental funds resulted in a decrease in net position of \$226,116 for the year.

## **Business-Type Activities**

The business-type activities increased net position by \$250,035. The Enterprise Fund is generating sufficient operating revenue to cover operating costs with a small surplus.

#### **Capital Assets**

Hideout Town added \$11,160 in new capital assets in governmental activities and \$8,580 in business-type activities during the fiscal year. This consisted of new machinery and equipment purchases and construction in progress for the Public Works building.

#### **Fund Balances**

The fund balance in the General Fund increased by \$103,195. The Net Position in the Enterprise Funds increased by \$250,035.

#### **General Fund Budgets**

Hideout Town prepares its budget according to state statutes. The General Fund Budget was adjusted during the year.

Actual General Fund revenues before other financing sources were \$86,476 above the original budget and \$111,476 above the final adjusted budget. Actual General Fund expenditures before transfers were \$16,781 above the original budget and \$49,719 below the final adjusted budget.

#### ADDITIONAL INFORMATION

This financial report is designed to provide our citizens, taxpayers, and creditors with a general overview of Hideout Town's finances and to demonstrate the Town's accountability for the money it receives. Questions concerning any of the information provided in this report or any other matters related to the Town's finances should be addressed to Hideout Town, 10860 No. Hideout Trail, Hideout, Utah 84036.

ltem # 2.

## **BASIC FINANCIAL STATEMENTS**

## HIDEOUT TOWN STATEMENT OF NET POSITION JUNE 30, 2020

	<b>Primary Government</b>			
	Governmental Activities	Business-type Activities	Total	
ASSETS				
Cash and cash equivalents	\$ 902,212	\$ 509,950	\$ 1,412,162	
Restricted cash	28,716	-	28,716	
Accounts receivable	147,921	371,079	519,000	
Due from other governmental units	171,779	-	171,779	
Prepaid expenses	6,412	41,103	47,515	
Capital assets (net of accumulated depreciation):				
Land	50,000	-	50,000	
Construction in progress	2,860	8,580	11,440	
Buildings	443,492	-	443,492	
Water system	-	1,576,512	1,576,512	
Sewer system	-	1,392,035	1,392,035	
Storm drain system	-	990,499	990,499	
Roadway improvements	6,772,453	-	6,772,453	
Machinery & equipment	52,705	8,223	60,928	
TOTAL ASSETS	8,578,550	4,897,981	13,476,531	
Deferred outflows of resources - pensions			-	
TOTAL ASSETS AND DEFERRED OUTFLOWS	8,578,550	4,897,981	13,476,531	
LIABILITIES				
Accounts payable	50,383	35,866	86,249	
Accrued liabilities	15,386	4,739	20,125	
Deposits	669,494	9,583	679,077	
Non-current liabilities:		- )		
Due within one year	19,136	-	19,136	
Due in more than one year	435,798	-	435,798	
TOTAL LIABILITIES	1,190,197	50,188	1,240,385	
<b>DEFERRED INFLOWS OF RESOURCES</b>				
Unavailable revenue - property taxes	132,354	-	132,354	
Unavailable revenue - CARES act funds	15,741	_	15,741	
Deferred inflows of resources related to pensions	-	-	-	
TOTAL DEFERRED INFLOWS OF RESOURCES	148,095		148,095	
NET POSITION			· · · · ·	
Net investment in capital assets	6,874,510	3,975,849	10,850,359	
Restricted for:	0,077,010	5,775,077	10,000,007	
Bond reserves	28,716		28,716	
	· · · · · ·	- 971 044		
Unrestricted TOTAL NET POSITION	<u>337,032</u> \$ 7,240,258	871,944 \$ 4,847,793	1,208,976 \$ 12,088,051	
I OTAL INLE I OSITION	φ 1,240,230	φ τ,0+7,795	φ 12,000,031	
#### HIDEOUT TOWN STATEMENT OF ACTIVITIES FOR THE YEAR ENDED JUNE 30, 2020

				I	Progra	am Revenue	s		1	Net (Expense Positio	·	venue and C imary Gove	,
FUNCTIONS/PROGRAMS		Expenses	Charges for Services		Operating Grants and Contributions		Capital Grants and Contributions		Governmental Activities		Business-type Activities		Total
<b>PRIMARY GOVERNMENT:</b> Governmental activities:		-											
General government	\$	646,541	\$	489,945	\$	-	\$	61,000	\$	(95,596)	\$	-	\$ (95,596)
Public safety		1,929		-		-		-		(1,929)		-	(1,929)
Highways and improvements		500,522		-		77,896		-		(422,626)		-	(422,626)
Parks and recreation		4,000		-		-		-		(4,000)		-	(4,000)
Interest		11,525		-		-		-		(11,525)		-	(11,525)
Total governmental activities		1,164,517		489,945		77,896		61,000		(535,676)		-	(535,676)
Business-type activities:													
Water		827,369		1,074,127		-		-		-		246,758	 246,758
Total business-type activities		827,369		1,074,127		-		-		-		246,758	246,758
Total primary government	\$	1,991,886	\$	1,564,072	\$	77,896		61,000		(535,676)		246,758	 (288,918)
			Gen	eral revenues	:								
			Pr	operty taxes						152,129		-	152,129
				les taxes						110,955		-	110,955
			Fe	es-in-lieu of	taxes					2,876		-	2,876
			Fi	anchise taxe	S					38,559		-	38,559
			Μ	iscellaneous						1,764		-	1,764
			G	ain (loss) on	sale of	f asset				-		-	-
				terest earning	-					3,277		3,277	 6,554
			,	Total general			sfers			309,560		3,277	312,837
				Change in	net po	sition				(226,116)		250,035	 23,919
			Net	position - be	ginnin	g				7,466,374		4,597,758	 12,064,132
			Net	position - en	ding				\$	7,240,258	\$	4,847,793	\$ 12,088,051

ltem # 2.

#### HIDEOUT TOWN BALANCE SHEET GOVERNMENTAL FUNDS JUNE 30, 2020

	 General Fund
ASSETS	
Cash and cash equivalents	\$ 902,212
Restricted cash	28,716
Prepaid expenses	6,412
Accounts receivable	147,921
Due from other governmental units	 171,779
Total assets	\$ 1,257,040
LIABILITIES	
Accounts payable	\$ 50,383
Accrued liabilities	15,386
Customer deposits	 669,494
Total liabilities	735,263
DEFERRED INFLOWS OF RESOURCES	
Unavailable revenue - CARES act funds	15,741
Unavailable revenue - property taxes	132,354
Total deferred inflows of resources	 148,095
FUND BALANCES	 <u> </u>
Nonspendable:	
Prepaids	-
Restricted for:	
Class C roads	-
Bond reserves	28,716
Unassigned	344,966
	 ,
Total fund balances	 373,682
Total liabilities, deferred inflows of	
resources, and fund balances	\$ 1,257,040

#### HIDEOUT TOWN RECONCILIATION OF THE BALANCE SHEET - GOVERNMENTAL FUNDS TO THE STATEMENT OF NET POSITION JUNE 30, 2020

Total fund balances - governmental funds: Amounts reported for governmental activities in the Statement of Net Position is different because:			\$	373,682
Capital assets used in governmental activities are not financial resources and, therefore, are not reported in the funds.				
Land	\$	50,000		
Construction in progress	Ψ	2,860		
Infrastructure		10,004,312		
Buildings		483,809		
Machinery and equipment		214,616		
Accumulated depreciation		(3,434,087)		
		(0,101,001)		7,321,510
Net pension assets used in governmental activities are not fina	ncial	resources		
and, therefore, are not reported in the funds.	inerar	105001005		_
and, incretore, are not reported in the runds.				-
Deferred outflows of resources, a consumption of net position periods, is not shown in the fund statements.	that	applies to futur	e	_
				-
Deferred inflows of resources, a use of net position that applie is not shown in the fund statements.	es to f	uture periods,		_
Long-term liabilities, including compensated absences are not				
due and payable in the current period and therefore are not				
reported in the governmental funds, but they are reported in				
the Statement of Net Position.				
Net pension liability		-		
Building bond		(447,000)		
Lease financing		(4,136)		
Compensated absences		(3,798)		
*				(454,934)
Net position of governmental activities			\$	7,240,258

Page 39

#### HIDEOUT TOWN STATEMENT OF REVENUES, EXPENDITURES, AND CHANGES IN FUND BALANCES GOVERNMENTAL FUNDS FOR THE YEAR ENDED JUNE 30, 2020

REVENUES	General Fund
Taxes	¢ 152.120
Property taxes Sales taxes	\$ 152,129 110,955
Fees-in-lieu of taxes	2,876
Franchise taxes	38,559
Licenses and permits	356,156
Charges for services	127,071
Intergovernmental	77,896
Fines and forfeitures	6,718
Miscellaneous revenue	5,041
Total revenues	877,401
EXPENDITURES	
Current	
General government	640,222
Public safety	1,929
Highways and public improvements Parks and recreation	152,370
	4,000
Capital outlay	8 200
General government Public safety	8,300
Highways and public improvements	2,860
Parks and recreation	2,800
Debt service	
General government	
Principal	14,000
Interest	11,525
Total expenditures	835,206
Excess (deficiency) of revenues over expenditures	42,195
Other financing sources (uses)	
Transfers in	-
Transfers out	-
Contribution from developer	61,000
Total other financing sources and uses	61,000
Net change in fund balances	103,195
Fund balances - beginning of year	270,487
Fund balances - end of year	\$ 373,682

#### **HIDEOUT TOWN**

#### RECONCILIATION OF THE STATEMENT OF REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCES OF GOVERNMENTAL FUNDS TO THE STATEMENT OF ACTIVITIES FOR THE YEAR ENDED JUNE 30, 2020

Amounts reported for governmental activities in the Statement of Activities are different because:			
Net changes in fund balances - total governmental funds			\$ 103,195
Governmental funds report capital outlays as expenditures. However, in the Statement of Activities the cost of those assets is allocated over their estimated useful lives and reported as depreciation expense. This is the amount by which capital additions exceeded depreciation in the current period. Capital outlays Depreciation expense	\$	11,160 (367,740)	(356,580)
Donations of capital assets increase net position in the Statement of			
Activities, but do not appear in the governmental funds because			
they are not financial resources.			
Infrastructure			-
The Statement of Activities includes the net pension benefit (expense)			
from the adoption of GASB 68, which is not included in the fund			
financial statements.			-
The issuance of long-term debt (e.g., bonds, leases) provides current financial resources to governmental funds, while the repayment of the principal of long-term debt consumes the current financial resources of governmental funds. Neither transaction however, has any effect on net position. This amount is the net effect of these differences in the treatment of long term debt.			
Issuance of debt			-
Repayment of debt			25,875
The governmental funds report the proceeds from the sale of assets			
as revenues, while the government-wide financial statements report the difference between the sale proceeds and the net book value of the assets solo as a gain or loss.	1		
Net book value of assets sold			-
Some expenses reported in the Statement of Activities do not require use of current financial resources and therefore, are not			
reported as expenditures in governmental funds.			1,394
Change in net position of governmental activities			\$ (226,116)
-			 

#### HIDEOUT TOWN STATEMENT OF NET POSITION PROPRIETARY FUNDS JUNE 30, 2020

	Business-Type Activities - Enterprise Funds
	Water
ASSETS AND DEFERRED OUTFLOWS Current assets: Cash and cash equivalents Accounts receivable Prepaid expense	\$ 509,950 371,079 41,103
Total current assets	922,132
Noncurrent assets: Restricted cash and cash equivalents Construction in progress Water system Sewer system Storm drain system Machinery & equipment Less: accumulated depreciation	8,580 2,239,051 1,954,515 1,522,398 10,627 (1,759,322)
Total noncurrent assets	3,975,849
Total assets	4,897,981
Deferred outflows of resources - pension	
Total assets and deferred outflows of resources	4,897,981
LIABILITIES AND DEFERRED INFLOWS Current liabilities: Accounts payable Accrued liabilities Customer deposits	35,866 4,739 9,583
Total current liabilities Noncurrent liabilities: Net pension liability Total noncurrent liabilities	
Deferred inflows of resources - pension	
Total liabilities and deferred inflows of resources	50,188
NET POSITION Net investment in capital assets Unrestricted	3,975,849 871,944
Total net position	\$ 4,847,793

#### HIDEOUT TOWN STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN FUND NET POSITION PROPRIETARY FUNDS FOR THE YEAR ENDED JUNE 30, 2020

	Business-Type Activities - Enterprise Funds
	Water
OPERATING REVENUE	
Charges for service Other	\$ 1,073,122 1,005
Total operating revenue	1,074,127
OPERATING EXPENSES	
Software and technology	600
Water expense	242,469
Sewer fees	40,609
Water reservation fees	55,332
Professional fees	45,779
Repairs and maintenance	49,929
Meters	11,632
Salaries and wages	151,538
Depreciation	192,050
Other expenses	37,431
Total operating expenses	827,369
Operating income (loss)	246,758
NONOPERATING REVENUE (EXPENSES)	
Transers in	-
Interest revenue	3,277
Total nonoperating revenue	3,277
Income (loss) before contributions	250,035
Capital contributions	
Change in net position	250,035
Net position - beginning	4,597,758
Net position - ending	\$ 4,847,793

#### HIDEOUT TOWN STATEMENT OF CASH FLOWS PROPRIETARY FUNDS FOR THE YEAR ENDED JUNE 30, 2020

	Α	iness-Type ctivities - prise Funds
		Water
Cash Flows From Operating Activities Receipts from customers Payments to employees Payments to suppliers Net cash from operating activities	\$	961,834 (147,946) (742,080) 71,808
<b>Cash Flows From Noncapital Financing Activities</b> Transfers in/out Interfund loan activities Net cash from noncapital financing activities		-
Cash Flows From Capital and Related Financing Activities Purchases of capital assets Proceeds from sale of assets Net cash from capital and related financing		(8,580)
Cash Flows From Investing Activities Interest and dividends received Net cash from investing activities		3,277
Net increase (decrease in cash and cash equivalents		66,505
Cash and cash equivalents, July 1 Cash and cash equivalents, June 30	\$	443,445 509,950
Reconciliation of Operating Income to Net Cash Provided (Used) by Operating Activities: Operating income (loss) Adjustments to reconcile operating income to net cash provided (used) by operating activities:	\$	246,758
Depreciation expense (Increase) decrease in accounts receivable (Increase) decrease in prepaid expense Increase (decrease) in accounts payable Increase (decrease) in accrued liabilities		192,050 (114,376) - (258,299) 3,592
Increase (decrease) in customer deposits Total adjustments Net cash provided (used) by operating activities	\$	2,083 (174,950) 71,808
Noncash Investing, Capital and Financing Activities: Contributed capital assets from developers	\$	

#### NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The accounting policies of Hideout Town, Utah conform in all material respects to generally accepted accounting principles (GAAP) as applicable to governments. The Town has adopted the provisions of the Governmental Accounting Standards Board (GASB). Preparation of the financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts and disclosures in the financial statements.

The following is a summary of the more significant policies and is presented to assist the reader in interpreting the financial statements and other data in this report. These policies, as presented, should be viewed as an integral part of the accompanying financial statements.

#### A. Reporting Entity

The Town of Hideout (the Town) was incorporated in 2008 under the laws of the state of Utah. The Town operates by ordinance under the Mayor-Council form of government and provides the following services as authorized by its charter: public safety (police), highway and streets, sanitation, recreation, public improvements, planning and zoning, and general administration. In addition, the Town owns and operates water utilities.

The criteria set forth by generally accepted accounting principles (GAAP) was used to determine which entities to include in this report. GASB Concepts Statement-1 (Objectives of Financial Reporting) concludes that the basic foundation for governmental financial reporting is accountability. The Concepts Statement asserts that accountability requires governments to answer to the citizenry - to justify the raising of public resources and the purposes for which they are used. In turn, the concept of accountability becomes the basis for defining the financial reporting entity.

In defining the government, for financial reporting purposes, management has considered all potential component units. The decision to include a potential component unit in the reporting entity was made by applying the criteria set forth by the Governmental Accounting Standards board (GASB). Under GASB Statement No. 61, The Financial Reporting Entity, the financial reporting entity consists of the primary government and no component units.

#### **B.** Government-wide and Fund Financial Statements

The Town's financial statements are prepared in accordance with generally accepted accounting principles (GAAP) The Governmental Accounting Standards Board (GASB) is responsible for establishing GAAP for state and local governments through its pronouncements (Statements and Interpretations). The Town has adopted GASB Statement No. 62, *Codification of Accounting and Financial Reporting Guidance*. Accordingly, the Town has elected to apply all applicable GASB pronouncements and codified accounting standards issued by GASB. The more significant accounting policies established in GAAP and used by the Town are discussed below.

The Town's basic financial statements consist of both government-wide statements and fund statements. The government-wide statements focus on the Town as a whole, while the fund statements focus on individual funds.

#### Government-wide Financial Statements

The government-wide statements present information on all non-fiduciary activities of the primary government. Primary government activities are distinguished between *governmental* and *business-type* activities. Governmental activities generally are financed through taxes, intergovernmental revenues, and other non-exchange revenues. Business-type activities are financed in whole or in part by fees charged to external parties for goods or services.

The *Statement of Net Position* presents the Town's non-fiduciary assets and liabilities, with the difference reported as net position. Net position are restricted when constraints placed upon them are either externally imposed or are

#### NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

#### B. Government-wide and Fund Financial Statements (Continued)

imposed by constitutional provisions or enabling legislation. The *Statement of Activities* demonstrates the degree to which the direct expenses of a given function or segment are offset by program revenues. Direct expenses are those that are clearly identifiable within a specific function. The Town does not allocate general government (indirect) expenses to other functions. Program revenues include: 1) charges to customers or applicants who purchase, use, or directly benefit from goods, services, or privileges provided by a given function; and 2) grants and contributions that are restricted to meeting the operational or capital requirements of a particular function. Taxes and other revenues not meeting the definition of program revenues are reported as general revenues.

#### **Fund Financial Statements**

The financial transactions of the Town are recorded in individual funds. A fund is a separate accounting entity with a self-balancing set of accounts. Fund accounting is used to demonstrate legal compliance and to aid financial management by segregating transactions related to certain government functions or activities. Statements are provided for *governmental funds* and for *proprietary funds*. For governmental and proprietary funds, the emphasis is on *major funds*, with each displayed in a separate column.

The Town reports the following major governmental funds:

**General Fund** - This fund is the principal operating fund of the Town. It is used to account for all financial resources not required to be accounted for in another fund.

The Town reports the following major proprietary funds:

Water Fund - The water fund is used to account for operations of the water system, (a) that are financed and operated in a manner similar to private business enterprises, where the intent of the governing body is that the cost (expenses, including depreciation) of providing goods or services to the general public on a continuing basis be financed or recovered primarily through user charges; or (b) where the governing body has decided that periodic determination of revenues earned, expenses incurred, and/or net income is appropriate for capital maintenance, public policy, management control, accountability, or other purposes.

#### C. Measurement Focus and Basis of Accounting

The government-wide financial statements are prepared using the economic resources measurement focus and the accrual basis of accounting. Revenues are recorded when earned and expenses are recorded when the related liability is incurred, regardless of the timing of the cash flows. Taxes and fees are recognized in the year in which the related sales or other activity has occurred. Grants and similar items are recognized as revenue when all eligibility requirements have been met.

The governmental fund financial statements are prepared and reported using the current financial resources measurement focus and the modified accrual basis of accounting. Revenues are recognized when they are both measurable and available. Expenditures are generally recorded when the related liability is incurred.

Proprietary funds separate operating and non-operating revenues and expenses. Operating revenues and expenses normally arise from providing goods and services in connection with the fund's normal ongoing operations. The

#### C. Measurement Focus and Basis of Accounting (Continued)

principal sources of operating revenues for the proprietary funds are charges to customers for goods and services. Operating expenses include the cost of sales and services, administrative overhead expenses and depreciation on capital assets. All other revenues or expenses are recorded as non-operating.

#### D. Assets, Liabilities, and Fund Balances/Net Position

The following are the Town's significant policies regarding recognition and reporting of certain assets, liabilities, and equity.

#### **Pooled Cash and Temporary Investments**

Unrestricted and restricted cash balances of both funds are combined to form a pool of cash which is managed by the Town Treasurer. Utah State Statutes allow for investments in the Utah Public Treasurer's Investment Fund and Utah Money Management Act (UMMA) approved financial institutions. The UMMA provides for a committee to evaluate financial institutions and provide a list of those qualified as depositories for public funds, including the amount they are authorized to maintain over and above insured amounts. The Town Treasurer invests unrestricted and restricted cash with the Utah Public Treasurer's Investment Fund and with local financial institutions. Investments in the pooled cash fund consist primarily of certificates of deposit, repurchase agreements, and time deposits and are carried at cost which approximates market value. Interest income earned as a result of pooling is distributed to the appropriate funds based on month end balances of cash. The Town considers all highly liquid investments to be cash equivalents if they have a maturity of three months or less when purchased.

#### Inventories

No significant inventories are maintained by the Town; therefore, none are reflected in these statements.

#### **Restricted Assets**

Certain resources set aside as reserves in accordance with council resolutions and State statutes are classified as restricted assets on the balance sheet because their use is limited.

#### Capital Assets

General capital assets are not capitalized in the governmental funds used to acquire or construct them. Instead, capital acquisition and construction are reflected as expenditures.

Capital assets are reported in the governmental column in the government-wide financial statements. All purchased fixed assets are valued at cost or estimated historical cost. Donated fixed assets are valued at their estimated fair market value on the date received. The costs of normal maintenance and repairs that do not add to the value of the asset or materially extend asset lives are not capitalized. Improvements are capitalized and depreciated over the remaining useful lives of the related capital assets, as applicable. Capital assets are defined as assets with an initial, individual cost of more than \$5,000.

Infrastructure capital assets which are newly constructed are capitalized. The Town currently has infrastructure assets recorded.

#### NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

#### D. Assets, Liabilities, and Fund Balances/Net Position (Continued)

#### Capital Assets (Continued)

Depreciation of all exhaustible capital assets is charged as an expense in the related program. Accumulated depreciation is reported on the Statement of Net Position. Depreciation has been provided over the estimated useful lives using the straight-line method. The estimated useful lives are as follows:

Buildings & Improvements	60 years
Water System & Equipment	30 years
Machinery & Equipment	7-10 years
Infrastructure	30 years

#### **Deferred Outflows of Resources**

In addition to assets, the statement of financial position will sometimes report a separate section for deferred outflows of resources. This separate financial statement element, deferred outflows of resources, represents a consumption of net position or fund balance that applies to a future period(s) and thus, will not be recognized as an outflow of resources (expense/expenditure) until then. The Town does not have an item that qualifies for reporting in this category.

#### **Deferred Inflows of Resources**

In addition to liabilities, the statement of net position reports a separate section for deferred inflows of resources. This separate financial statement element, deferred inflows of resources, represents an acquisition of net position that applies to future period(s) and so will not be recognized as an inflow of resources (revenue) until that time. The Town has only one type of item reported under this category. Unavailable revenue-property taxes are reported as deferred inflows of resources since they are recognized as receivables before the period for which the taxes are levied. These amounts are reported in both the government-wide statements and the governmental fund statements.

#### Long-term Obligations

In the government-wide statements, long-term debt obligations are reported as liabilities. The face amount of debt issued is reported as other financing sources in the governmental fund financial statements.

#### Equity

#### Fund financial statements

In February 2009, GASB issued Statement No. 54 on Fund Balance Reporting and Governmental Fund Type Definitions. The statement is effective for years beginning after June 15, 2010. The statement applies only to governmental fund financial statements and not to government-wide statements or proprietary fund statements. Proprietary fund equity is classified the same as in the government-wide statements. The governmental fund balances may be classified as follows:

a. Non-spendable - Fund balances that cannot be spent either because they are in non-spendable form or because they are legally or contractually required to be maintained intact.

#### D. Assets, Liabilities, and Fund Balances/Net Position (Continued)

#### Equity, continued

- b. Restricted fund balance Fund balances are reported as restricted when they are constrained by externally imposed legal restrictions, by law through constitutional provision or enabling legislation, or restrictions set by creditors, grantors, or contributors.
- c. Committed fund balance Fund balances are reported as committed when the Council formally designates the use of resources by ordinance or resolution for a specific purpose and cannot be used for any other purpose unless the Town Council likewise formally changes the use.
- d. Assigned fund balance Fund balances are reported as assigned when the Town Council or Management intends to use funds for a specific purpose. Normally funds are assigned by the appropriation process of setting the budget. Additionally, funds in special revenue, debt service, and capital project funds are by their nature assigned to the purpose of those respective funds.
- e. Unassigned fund balance Fund balances in the general fund are reported as unassigned when they are neither restricted, committed, nor assigned. They may be used for any governmental purpose.

When an expenditure is incurred for purposes for which both restricted and unrestricted fund balance is available, the Town considers restricted funds to have been spent first. When an expenditure is incurred for which committed, assigned, or unassigned fund balances are available, the Town considers amounts to have been spent first out of committed funds, then assigned funds, and finally unassigned funds, as needed unless Town Council has provided otherwise in its commitment or assignment actions.

#### Government-wide statements:

Equity is classified as net position and displayed in three components:

- a. Net investment in capital assets Consists of capital assets, net of accumulated depreciation and reduced by the outstanding balances of any bonds, mortgages, notes, or other borrowings that are attributable to the acquisition, construction, or improvement of those assets.
- b. Restricted net position Consists of net position with constraints placed on the use either by (1) external groups such as creditors, grantors, contributors, or laws or regulations of other governments; or (2) law through constitutional provisions or enabling legislation.
- c. Unrestricted net position All other net position that do not meet the definition of "restricted" or "net investment in capital assets."

It is Town's policy to first apply restricted resources when the expense is incurred for purposes for which both restricted and unrestricted net position are available.

#### E. Revenues and Expenditures

The following are the Town's significant policies related to recognition and reporting of certain revenues, expenditures, and interfund activity.

#### Revenue Availability

Under the modified accrual basis of accounting, revenues are considered to be "available" when they are collected within the current period or expected to be collected soon enough thereafter to pay liabilities of the current period. The Town considers property tax revenues to be available if they are collected within 60 days after the end of the current year. Grants and similar items are recognized as revenue when all eligibility requirements have been met. All other revenues are considered to be available if they are collected within 60 days after year-end.

Statement of Governmental Accounting Standards (SGAS) No. 33, *Accounting and Financial Reporting for Nonexchange Transactions*, defines a non-exchange transaction as one in which "a government either gives value to another party without directly receiving equal value in exchange or receives value from another party without directly giving equal value in exchange." For property taxes, at January 1 of each year (the assessment date), the Town has the legal right to collect the taxes, and in accordance with the provisions of the new statement, has now recorded a receivable and a corresponding deferred inflows or resources for the assessed amount of those property taxes as of January 1 of the current year.

#### Expenditure Recognition

In governmental funds, expenditures are generally recorded when the related liability is incurred. However, debt service expenditures, as well as expenditures related to claims and judgments, are recorded only when payment is due. Capital asset acquisitions are reported as expenditures, and proceeds of long-term debt and acquisitions under capital leases are reported as other financing sources.

#### F. Budgets and Budgetary Accounting

Budgets are adopted on a basis consistent with generally accepted accounting principles. Annual appropriated budgets are adopted for all governmental funds. All annual appropriations lapse at the fiscal year end. Encumbrance accounting is not used by the Town. Summary of Town Budget Procedures and Calendar:

- 1. The Town Council can amend the budget to any extent, provided the budgeted expenditures do not exceed budgeted revenues and appropriated fund balance.
- 2. Budgets are required by the State of Utah for both the General and Special Revenue Funds.
- 3. Each year the Town publishes a separate budget document prepared according to this legal level of control.
- 4. The Town's budget is a Financial Plan of all estimated revenues and all appropriations for expenditures. Revenues and Expenditures must balance for the funds required by the State Code as indicated in item 2 above.
- 5. A tentative budget is presented by the Mayor to the Town Council by the first regularly scheduled council meeting in May. The tentative budget is reviewed and tentatively adopted by the Council no later than June 22.
- 6. The tentative budget is a public record and is available for inspection at the Town offices for at least ten days prior to adoption of the final budget.
- 7. Notice of public hearing on adoption of the final budget is published seven days prior to the public hearing.
- 8. The public hearing on the tentatively adopted budget is held no later than June 22. Final adjustments are made to the tentative budget by the Council after the public hearing.
- 9. Occasionally the Town Council will exercise their option to open the budget to indicate additional financing sources that become available.
- 10. The final budget is adopted by ordinance before June 22 and a copy of the budget certified by the Budget Officer is filed with the State Auditor within thirty days of adoption.
- 11. In connection with budget adoption:

#### F. Budgets and Budgetary Accounting, continued

- a. An annual tax ordinance establishing the property tax rate is adopted before June 22.
- b. The Town Treasurer is to certify the property tax rate to the County Auditor before June 22.
- 12. Budgets for the General and Special Revenue Funds are adopted on a basis consistent with generally accepted accounting principles (GAAP).

#### **Summary of Action Required for Budget Changes:**

The Council may, by resolution, transfer unexpended appropriations from one department to another department within the same fund. The budget appropriation for any department may be reduced by resolution.

Fund budgets may be increased by resolution after a public hearing.

#### G. Contributions

Certain proprietary fund types receive contributions for aid in construction from various sources. With the adoption of GASB No. 33, these contributions that were formerly credited directly to contributed capital accounts are now reflected as non-operating revenue.

#### H. Compensated Absences

Town policy provides for vested or accumulated vacation leave. All compensated absences are accrued when incurred in the government-wide and proprietary financial statements. A liability for these amounts is reported in governmental funds only if they have matured, for example, as a result of employee resignations and retirements.

#### I. Use of Estimates

The preparation of the accompanying financial statements in conformity with accounting principles generally accepted in the United States of America, requires management to make estimates and assumptions that affect certain reported amounts and disclosures. Accordingly, actual results could differ from those estimates.

#### J. Restricted Resources

The Town's policy is to use restricted resources first to fund appropriations when an expense is incurred for purposes for which both restricted and unrestricted net position are available.

#### **NOTE 2 - DEPOSITS AND INVESTMENTS**

#### A. <u>Deposits & Investments</u>

The Town maintains a cash and investment pool that is available for use by all funds. Cash includes amounts in demand deposits as well as time deposits. Investments are stated at cost or amortized cost, which approximates fair value. Each fund's portion of this pool is displayed as "Cash and Cash Equivalents' which also includes cash accounts that are separately held by some of the Town's funds. Deposits are not collateralized nor are they required to be by State statute.

#### NOTE 2 - DEPOSITS AND INVESTMENTS (CONTINUED)

The Town follows the requirements of the Utah Money Management Act (*Utah Code*, Section 51, Chapter 7) in handling its depository and investment transactions. This Act requires the depositing of Town funds in a "qualified depository".

The Act defines a "qualified depository" as any financial institution whose deposits are insured by an agency of the Federal government and which has been certified by the State Commissioner of Financial Institutions as meeting the requirements of the Act and adhering to the rules of the Utah Money Management Council.

#### Deposits

#### Custodial Credit Risk

Custodial credit risk is the risk that, in the event of a bank failure, the Town deposits may not be returned to it. The Town does not have a formal deposit policy for custodial credit risk. As of June 30, 2020, \$1,277,860 of the Town's bank balances of \$1,636,177 was uninsured and uncollateralized.

#### Investments

The State of Utah Money Management Council has the responsibility to advise the State Treasurer about investment policies, promote measures and rules that will assist in strengthening the banking and credit structure of the state, and review the rules adopted under the authority of the State of Utah Money Management Act that relate to the deposit and investment of public funds.

The Town follows the requirements of the Utah Money Management Act (*Utah Code*, Title 51, Chapter 7) in handling its depository and investment transactions. The Act requires the depositing of Town funds in a qualified depository. The Act defines a qualified depository as any financial institution whose deposits are insured by an agency of the Federal Government and which has been certified by the State Commissioner of Financial Institutions as meeting the requirements of the Act and adhering to the rules of the Utah Money Management Council.

The Money Management Act defines the types of securities authorized as appropriate investments for the Town's funds and the conditions for making investment transactions. Investment transactions may be conducted only through qualified depositories, certified dealers, or directly with issuers of the investment securities.

Statutes authorize the Town to invest in negotiable or nonnegotiable deposits of qualified depositories and permitted negotiable depositories; repurchase and reverse repurchase agreements; commercial paper that is classified as "first tier" by two nationally recognized statistical rating organizations; bankers' acceptances; obligations of the United States Treasury including bills, notes, and bonds; obligations, other than mortgage derivative products, issued by U.S. government sponsored enterprises (U.S. Agencies) such as the Federal Home Loan Bank System, Federal Home Loan Mortgage Corporation (Freddie Mac), and Federal National Mortgage Association (Fannie Mae); bonds, notes, and other evidence of indebtedness of political subdivisions of the State; fixed rate corporate obligations and variable rate securities rated "A" or higher, or the equivalent of "A" or higher, by two nationally recognized statistical rating organizations; shares or certificates in a money market mutual fund as defined in the Money Management Act; and the Utah State Public Treasurers' Investment Fund.

The Utah State Treasurer's Office operates the Public Treasurers' Investment Fund (PTIF). The PTIF is available for investment of funds administered by any Utah public treasurer and is not registered with the SEC as an investment company. The PTIF is authorized and regulated by the Money Management Act (*Utah Code*, Title 51, Chapter 7). The Act established the Money Management Council which oversees the activities of the State

#### NOTE 2 - DEPOSITS AND INVESTMENTS (CONTINUED)

Treasurer and the PTIF and details the types of authorized investments. Deposits in the PTIF are not insured or otherwise guaranteed by the State of Utah, and participants share proportionally in any realized gains or losses on investments.

The PTIF operates and reports to participants on an amortized cost basis. The income, gains, and losses of the PTIF, net of administration fees, are allocated based upon the participant's average daily balance. The fair value of the PTIF investment pool is approximately equal to the value of the pool shares.

#### Fair Value of Investments

The Town measures and records its investments using fair value measurement guidelines established by generally accepted accounting principles. These guidelines recognize a three-tiered fair value hierarchy, as follows:

- Level 1: Quoted prices for identical investments in active markets;
- Level 2: Observable inputs other than quoted market prices; and,
- Level 3: Unobservable inputs.

At June 30, 2020, the Town had the following recurring fair value measurements:

	Fair Value Measurements Using							
		Total	Lev	el 1	]	Level 2	Le	vel 3
Investments by fair value level								
Debt securities:								
Utah Public Treasurer's Investment Fund	\$	289,905	\$	-	\$	289,905	\$	-
Total debt securities	\$	289,905	\$	-	\$	289,905	\$	

Debt and equity securities classified in Level 1 are valued using prices quoted in active markets for those securities. Debt and equity securities classified in Level 2 are valued using the following approaches:

- U.S. Treasuries, U.S. Agencies, and Commercial Paper: quoted prices for identical securities in markets that are not active;
- Corporate and Municipal Bonds: quoted prices for similar securities in active markets;
- Money Market, Bond, and Equity Mutual Funds: published fair value per share (unit) for each fund;
- Utah Public Treasurers' Investment Fund: application of the June 30, 2020 fair value factor, as calculated by the Utah State Treasurer, to the Town's average daily balance in the Fund; and,

#### Interest Rate Risk

Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment. The Town's policy for managing its exposure to fair value loss arising from increasing interest rates is to comply with the State's Money Management Act. Section 51-7-11 of the Money Management Act requires that the remaining term to maturity of investments may not exceed the period of availability of the funds to be invested. The Act further limits the remaining term to maturity on all investments in commercial paper, bankers' acceptances, fixed rate negotiable deposits, and fixed rate corporate obligations to 270 days - 15 months or less. The Act further limits the remaining term to maturity on all investments in obligations of the United States Treasury; obligations

#### NOTE 2 - DEPOSITS AND INVESTMENTS (CONTINUED)

issued by U.S. government sponsored enterprises; and bonds, notes, and other evidence of indebtedness of political subdivisions of the State to 5 years. In addition, variable rate negotiable deposits and variable rate securities may not have a remaining term to final maturity exceeding 3 years.

As of June 30, 2020, the Town's investments had the following maturities:

		Investment Maturities (in Years)							
Investment Type	Fair Value	Less than 1	1-5	6-10	More than 10				
PTIF Investments	289,905	289,905							
	289,905	289,905							

#### Credit Risk

Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations. The Town's policy for reducing its exposure to credit risk is to comply with the State's Money Management Act, as previously discussed.

At June 30, 2020, the Town's investments had the following quality ratings:

		Quality Ratings						
Investment Type	Fair Value	AAA	AA	A	Unrated			
PTIF Investments	289,905				289,905			
	289,905				289,905			

Concentration of Credit Risk

Concentration of credit risk is the risk of loss attributed to the magnitude of a government's investment in a single issuer. The Town's policy for reducing this risk of loss is to comply with the Rules of the Money Management Council. Rule 17 of the Money Management Council limits investments in a single issuer of commercial paper and corporate obligations to 5-10% depending upon the total dollar amount held in the portfolio.

Custodial credit risk (investments) – For an investment, this is the risk that, in the event of the failure of the counterparty, the Town will not be able to recover the value of its investments or collateral securities that are in the possession of an outside party. The Town does not have a formal policy for custodial credit risk.

The Town's investment in the Utah Public Treasurer's Investment Fund has no custodial credit risk.

Cash on hand and on deposit:	
Cash on deposit	\$ 1,150,873
Petty cash	100
PTIF investment	289,905
Total cash and investments	\$ 1,440,878

#### NOTE 2 - DEPOSITS AND INVESTMENTS (CONTINUED)

Cash and investments are included in the accompanying combined statement of net position as follows:

Unrestricted Cash	\$ 1,412,162
Restricted Cash for:	
Bond reserves	28,716
Total cash and investments	\$ 1,440,878

#### **NOTE 3 – DISAGGREGATED RECEIVABLES AND PAYABLES**

The table below disaggregates the balances due form other government units and amounts reported as accounts receivable on the statement of net position under governmental activities. The receivables in the business-type activities are all due from customers for utility services provided.

Governmental Activities:	gov	ue from ernment units	ient Accounts		 Total
Receivables:					
Utah State Tax Commission	\$	10,424	\$	-	\$ 10,424
Utah Department of Transportation		11,422		-	11,422
County - Current Property Taxes		15,583		-	15,583
Taxpayers - Unavailable Taxes		134,350		-	134,350
Business - Franchise Tax		-		2,734	2,734
Customers		-	360	5,004	366,004
Other Receivables			18	1,854	 181,854
Gross receivables		171,779	550	),592	722,371
Less: Allowance for uncollectibles		-	(31	,592)	 (31,592)
Net total receivables	\$	171,779	\$ 519	9,000	\$ 690,779

	Accounts Payable Due To:								
		Other ernments	V	endors	Total				
General Fund Water Fund	\$	24,118	\$	50,383 11,748	\$	50,383 35,866			
Total	\$	24,118	\$	62,131	\$	86,249			

#### **NOTE 4 - CAPITAL ASSETS**

Capital assets activity for the year ended June 30, 2020, was as follows:

	Balance			Balance
GOVERNMENTAL ACTIVITIES	June 30, 2019	Additions	(Deletions)	June 30, 2020
Nondepreciated Assets				
Land	\$ 50,000	\$ -	\$ -	\$ 50,000
Construction in progress		2,860	-	2,860
Total nondepreciated assets	50,000	2,860	-	52,860
Depreciated Assets				
Infrastructure	10,004,312	-	-	10,004,312
Improvements	-	-	-	-
Buildings	483,809	-	-	483,809
Machinery and equipment	206,316	8,300		214,616
Total depreciated assets	10,694,437	8,300		10,702,737
Less accumulated depreciation				
Infrastructure	(2,898,383)	(333,477)	-	(3,231,860)
Improvements	-	-	-	-
Buildings	(32,253)	(8,063)	-	(40,316)
Machinery and equipment	(135,711)	(26,200)	-	(161,911)
Total accumulated depreciation	(3,066,347)	(367,740)	-	(3,434,087)
Net assets depreciated	7,628,090	(359,440)		7,268,650
Governmental activities capital assets, net	\$ 7,678,090	\$ (356,580)	\$ -	\$ 7,321,510

#### NOTE 4 - CAPITAL ASSETS (CONTINUED)

	Balance			Balance
<b>BUSINESS-TYPE ACTIVITIES</b>	June 30, 2019	Additions	(Deletions)	June 30, 2020
Nondepreciated Assets				
Construction in progress	\$ -	\$ 8,580	\$ -	\$ 8,580
		8,580		8,580
Depreciated Assets				
Water system	2,239,051	-	-	2,239,051
Sewer system	1,954,515	-	-	1,954,515
Storm drain system	1,522,398	-	-	1,522,398
Machinery & equipment	10,627			10,627
Total depreciated assets	5,726,591			5,726,591
Less accumulated depreciation				
Water system	(587,904)	(74,635)	-	(662,539)
Sewer system	(497,330)	(65,150)	-	(562,480)
Storm drain system	(481,152)	(50,747)	-	(531,899)
Machinery & equipment	(886)	(1,518)		(2,404)
Total	(979,368)	(192,050)		(1,759,322)
Net assets depreciated	4,747,223	(192,050)		3,967,269
Business-type activities capital assets, net	\$ 4,747,223	\$ (183,470)	\$ -	\$ 3,975,849

#### **DEPRECIATION EXPENSE**

IATION EXPENSE		vernmental	В	usiness	
	Types		Гуреs Types		 Totals
General Government	\$	8,063	\$	-	\$ 8,063
Public Safety		-		-	-
Highways & Improvements		359,677		-	359,677
Parks & Recreation		-		-	-
Water System		-		76,153	76,153
Sewer System		-		65,150	65,150
Storm Drain System		-		50,747	 50,747
Total	\$	367,740	\$	192,050	\$ 559,790

#### NOTE 5 - LONG-TERM DEBT

Long-term liability activity for the year ended June 30, 2020, was as follows:

Description	Interest Rate		utstanding 5/30/2019	Addi	itions	Pavments		itstanding /30/2020		Current Portion
GOVERNMENTAL ACTIVITIES								2012020		
		¢	461.000	¢		¢ (14,000)	ф	117 000	¢	15.000
Building bond	2.5%	\$	461,000	\$	-	\$ (14,000)	\$	447,000	\$	15,000
Capital Lease			16,011		-	(11,875)		4,136		4,136
Compensated Absences	N/A		5,192			(1,394)		3,798		
TOTAL GOVERNMENTAL		\$	109,480	\$	_	\$ (27,269)	\$	454,934	\$	19,136

**Lease Revenue Bonds, Series 2011** - On November 15, 2011, the Town Council authorized the issuance of interestbearing revenue bonds in the amount of \$540,000. The purpose of the bond issue was to defray a portion of the cost of the town hall project. As of June 30, 2020, \$540,000 had been issued and \$447,000 is outstanding. The bonds have an interest rate which is set at 2.50%. The annual requirement to amortize this debt is as follows:

Year	Principal	Interest	Total
2021	15,000	11,175	26,175
2022	15,000	10,800	25,800
2023	15,000	10,425	25,425
2024	16,000	10,050	26,050
2025	16,000	9,650	25,650
2025-2029	87,000	41,975	128,975
2030-2034	99,000	30,550	129,550
2035-2039	111,000	17,575	128,575
2040-2043	73,000	3,650	76,650
	\$ 447,000	\$ 145,850	\$ 592,850

**Capital Lease** - The Town entered a lease-to-own agreement on October 12, 2015 for a 2015 Chevrolet Silverado. The Town paid \$0 up front. The following is a summary of the future minimum payments for the year ended June 30:

Year	Pr	Principal		erest	Total			
2021		4,136		59	4,195			
	\$	4,136	\$	59	\$	4,195		

#### **NOTE 6 – BOND RESOLUTION COMPLIANCE**

#### Series 2011 Lease Revenue Bonds

The Series 2000 Sewer Revenue Bonds issuance provides for the establishment of the following funds:

 Beginning October 1, 2012, and on the first day of each subsequent month, the Town is required to reserve \$365 until such time as the aggregate reserve equals \$26,250. This Reserve Account shall be used to fund the lease revenue bond redemption fund in the event it is in a deficit position. The balance in this account at June 30, 2020 was \$28,716.

#### **NOTE 7 - RISK MANAGEMENT**

Hideout Town is exposed to various risks of loss related to torts; theft of, damage to and destruction of assets; errors and omissions; and natural disasters for which the Town carries commercial insurance. The Town maintains comprehensive insurance coverage in aggregate amounts sufficient to protect against all reasonably foreseeable liability risks. Specific liability policies purchased include automobile, general liability, property, bond (employee dishonesty), treasurer, public officials and officers, excess liability, and workman's compensation. As of June 30, 2020, there is no anticipation of unpaid claims. Therefore, a liability is not accrued.

#### NOTE 8 - AMOUNT TO BE PROVIDED FOR COMPENSATED ABSENCES

The accumulated unpaid vacation time which would be paid if employees terminated employment June 30, 2020 was \$3,798.

#### NOTE 9 - PROPERTY TAX CALENDAR

Lien date	Jan. 1
Taxing entity notifies the county of date, time, and place of public hearing	Mar. 1
Budget officer of the entity prepares and files with the Town Council a tentative budget for the next fiscal year	1 <sup>st</sup> scheduled council meeting in May
County auditor sends valuation certified tax rate and levy worksheets to each taxing entity	Jun. 8 Before Jun. 22
Taxing entity must adopt a proposed tax rate, certify the rate and levy, and submit to the county auditor	Defore Juli. 22
Taxing entity adopts a final tax rate if there is no increase in certified tax rate	Jun.22
Taxing entity adopts final budget if there is no increase in certified tax rate	Jun. 22
Copy of the budget is submitted to state auditor within 30 days of adoption Payment and delinquency date	Nov. 30

#### NOTE 10 - STEWARDSHIP, COMPLIANCE, AND ACCOUNTABILITY

The Town is required to keep actual expenditures below budget appropriations by fund. For the year ended June 30, 2020 expenditures in the General Government Department exceeded appropriations by \$20,722; however, the Town was under budget in the General Fund in total by \$49,719. Expenses in the Water fund exceed budgeted amounts by \$83,622.

The Town is also required to maintain positive fund balances in each fund and has complied with this requirement.

#### NOTE 11 - SUBSEQUENT EVENTS

No significant subsequent events have occurred since the date of the financial statements through April 1, 2021, which is the financial statement issuance date.

ltem # 2.

## REQUIRED SUPPLEMENTARY INFORMATION

#### HIDEOUT TOWN

#### SCHEDULE OF REVENUES, EXPENDITURES, AND CHANGES TO FUND BALANCES -BUDGET AND ACTUAL GENERAL FUND FOR THE YEAR ENDED JUNE 30, 2020

Budgeted Amounts				ounts		Variance Favorable		
REVENUES	(	Original		Final	Actual		favorable)	
Taxes:					 	<u> </u>		
Property taxes	\$	122,525	\$	127,525	\$ 152,129	\$	24,604	
Sales taxes		96,000		116,000	110,955		(5,045)	
Fees-in-lieu of taxes		1,000		1,000	2,876		1,876	
Franchise taxes		40,500		40,500	38,559		(1,941)	
Licenses and permits		430,400		430,400	356,156		(74,244)	
Fines and forfeitures		1,000		1,000	6,718		5,718	
Charges for services		-		-	127,071		127,071	
Intergovernmental revenue		72,500		72,500	77,896		5,396	
Miscellaneous revenue		2,000		2,000	 5,041		3,041	
TOTAL REVENUES		765,925		790,925	 877,401		86,476	
<b>EXPENDITURES</b> General government: Administrative		215,800		235,300	219,857		15,443	
Other professional services		320,500		392,500	 428,665		(36,165)	
Total general government		536,300		627,800	 648,522		(20,722)	
Public safety: Police department		32,100		7,100	1,929		5,171	
•		52,100		<u> </u>				
Total public safety		32,100		7,100	 1,929		5,171	
Streets:		• < 0.00		• • • • • • •	1= 010		0.000	
Equipment lease		26,000		26,000	17,918		8,082	
Insurance		-		-	1,044		(1,044)	
Repair and maintenance		115,500		115,500	76,722		38,778	
Wages		78,000		78,000	 59,546		18,454	
Total highways and streets		219,500		219,500	 155,230		64,270	

#### **HIDEOUT TOWN**

#### SCHEDULE OF REVENUES, EXPENDITURES, AND CHANGES TO FUND BALANCES -BUDGET AND ACTUAL (CONTINUED) GENERAL FUND FOR THE YEAR ENDED JUNE 30, 2020

	Budgeted Amounts						Variance	
	Original		Final		Actual		Favorable (Unfavorable)	
<b>EXPENDITURES</b> (Continued) Parks and recreation: Parks and recreation	\$	5,000	\$	5,000	\$	4,000	\$	1,000
Total parks and recreation		5,000		5,000		4,000		1,000
Debt service: General government Principal Interest		14,000 11,525		14,000 11,525		14,000 11,525		-
Total debt service		25,525		25,525		25,525		_
Miscellaneous		-		-		-		-
TOTAL EXPENDITURES		818,425		884,925		835,206		49,719
EXCESS (DEFICIENCY) OF REVENUE OVER (UNDER) EXPENDITURES		(52,500)		(94,000)		42,195		136,195
OTHER FINANCING SOURCES (USES) Appropriations from fund balance Contribution from developer Operating transfers in Operating transfers out		52,500 - -		94,000 - - -		- 61,000 - -		(94,000) 61,000 -
TOTAL OTHER FINANCING SOURCES (USES)		52,500		94,000		61,000		(33,000)
EXCESS (DEFICIENCY) OF REVENUE AND OTHER FINANCING SOURCES OVER (UNDER) EXPENDITURES AND OTHER USES		-				103,195		103,195
Fund balance - July 1		588,702		588,702		270,487		318,215
Fund balance - June 30	\$	588,702	\$	588,702	\$	373,682	\$	421,410

ltem # 2.

## **AUDITOR'S REPORTS & FINDINGS**

### C R CHILD RICHARDS — CPAS & ADVISORS —

#### INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH *GOVERNMENT AUDITING STANDARDS*

To the Mayor and Council of Hideout Town

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the governmental activities, the business-type activities, and each major fund of Hideout Town, as of and for the year ended June 30, 2020, and the related notes to the financial statements, which collectively comprise Hideout Town's basic financial statements, and have issued our report thereon dated April 1, 2021.

#### **Internal Control over Financial Reporting**

In planning and performing our audit of the financial statements, we considered Hideout Town's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of Hideout Town's internal control. Accordingly, we do not express an opinion on the effectiveness of Hideout Town's internal control.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance. We did identify certain deficiencies in internal control, described in the accompanying schedule of findings that we consider to be significant deficiencies. Those deficiencies are listed as finding 2020-02.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies may exist that have not been identified. We did identify certain deficiencies in internal control, described in the accompanying schedule of findings that we consider to be material weaknesses. Those deficiencies are listed as findings 2020-1 and 2020-03.

#### **Compliance and Other Matters**

As part of obtaining reasonable assurance about whether Hideout Town's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards* and which are described in the accompanying schedule of findings as items 2020-04.

#### **Management's Response to Findings**

Hideout Town's response to the findings identified in our audit is described in the accompanying schedule of findings. Hideout Town's response was not subjected to the auditing procedures applied in the audit of the financial statements and, accordingly, we express no opinion on it.

#### **Purpose of this Report**

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Child, Richards CPAs & Advisors

April 1, 2021



#### INDEPENDENT AUDITOR'S REPORT ON COMPLIANCE AND REPORT ON INTERNAL CONTROL OVER COMPLIANCE AS REQUIRED BY THE *STATE COMPLIANCE AUDIT GUIDE*

To the Mayor and Council of Hideout Town

#### **Report On Compliance**

We have audited Hideout Town's compliance with the applicable state compliance requirements described in the *State Compliance Audit Guide*, issued by the Office of the State Auditor, that could have a direct and material effect on Hideout Town for the year ended June 30, 2020.

State compliance requirements were tested for the year ended June 30, 2020 in the following areas:

Budgetary Compliance Fund Balance Restricted Taxes and Related Revenues Open and Public Meetings Act Fraud Risk Assessment

#### Management's Responsibility

Management is responsible for compliance with the state requirements referred to above.

#### Auditor's Responsibility

Our responsibility is to express an opinion on Hideout Town's compliance based on our audit of the state compliance requirements referred to above. We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States; and the *State Compliance Audit Guide*. Those standards and the *State Compliance Audit Guide* require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the state compliance requirements referred to above that could have a direct and material effect on a state compliance requirement occurred. An audit includes examining, on a test basis, evidence about Hideout Town's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances.

We believe that our audit provides a reasonable basis for our opinion on compliance for each state compliance requirement referred to above. However, our audit does not provide a legal determination of Hideout Town's compliance with those requirements.

ROYCE J. RICHARDS, J.D., CPA | RYAN R. CHILD, CPA

#### **Opinion on Compliance**

In our opinion, Hideout Town complied, in all material respects, with the state compliance requirements referred to above for the year ended June 30, 2020.

#### **Other Matters**

The results of our auditing procedures disclosed instances of noncompliance, which are required to be reported in accordance with the *State Compliance Audit Guide* and which are described in the accompanying schedule of findings as item 2020-04. Our opinion on compliance is not modified with respect to these matters.

Hideout Town's response to the noncompliance findings identified in our audit is described in the accompanying schedule of findings. Hideout Town's response was not subjected to the auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on the response.

#### **Report On Internal Control Over Compliance**

Management of Hideout Town is responsible for establishing and maintaining effective internal control over compliance with the state compliance requirements referred to above. In planning and performing our audit of compliance, we considered Hideout Town's internal control over compliance with the state compliance requirements referred to above to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing an opinion on compliance with the *State Compliance Audit Guide*, but not for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of Hideout Town's internal control over compliance.

A *deficiency in internal control over compliance* exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent or to detect and correct noncompliance with a state compliance requirement on a timely basis. *A material weakness in internal control over compliance* is a deficiency, or combination of deficiencies, in internal control over compliance requirement will not be prevented or detected and corrected on a timely basis. A *significant deficiency in internal control over compliance* is a deficiency, or a combination of deficiencies, in internal control over compliance and corrected on a timely basis. A *significant deficiency in internal control over compliance* is a deficiency, or a combination of deficiencies, in internal control over compliance with a state compliance with a state compliance with a state compliance is a deficiency, or a combination of deficiencies, in internal control over compliance with a state compliance with a state compliance with a state compliance is a deficiency, or a combination of deficiencies, in internal control over compliance with a state compliance requirement that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance.

Our consideration of internal control over compliance was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

The purpose of this report on internal control over compliance is solely to describe the scope of our testing of internal control and compliance and the results of that testing based on the requirements of the *State Compliance Audit Guide*. Accordingly, this report is not suitable for any other purpose.

Child, Richards CPAs & Advisors

Ogden, Utah April 1, 2021

#### HIDEOUT TOWN SCHEDULE OF FINDINGS JUNE 30, 2020

#### 2020-01: Material Misstatements (material weakness)

*Criteria*: Management is responsible to maintain accurate financial reporting for the usefulness of management and the governing board.

*Condition*: The auditors identified several factors including various year-end adjustments, reclassifying entries, and reconciliations that had not been performed at the time of the audit resulting in the need for several adjustments to be made by management as proposed by the auditors during the audit process.

*Cause*: As of June 30, 2020, the Town's internal controls were not properly designed and implemented to maintain financial statements free of material misstatements.

*Effect*: The lack of timely adjustments and reconciliations has resulted in misstatements in the general ledger. The Town's revenues and expenditures were misstated prior to adjustments made by the auditor.

*Recommendation:* We recommend the Town perform monthly and year end adjusting entries and account reconciliations to ensure financial reports of the Town accurately reflect the assets, liabilities, revenues, and expenditures of the Town.

*Management's Response*: The Treasurer will review the financials monthly and make adjusting entries at that time to keep up throughout the year. The impact of Covid prevented staff from interacting in a normal environment. This should improve this year.

#### 2020-02: Inadequate Approval, Documentation, and Coding of Disbursements (significant weakness)

*Criteria*: Disbursement of town funds should be approved, supported by adequate documentation, and properly recorded.

*Condition*: During our testwork of 25 disbursement samples, we noted the following: 1) Six transactions did not have approving initials and/or signatures indicating the transaction was reviewed and approved, 2) Two transactions did not have a supporting invoice, and 3) Four transactions were improperly coded as liabilities rather than expenditures.

*Cause*: Inadequate approval and documentation at Hideout Town occurred due to the small size of staff and rotation of duties necessary to follow current pandemic guidelines.

*Effect*: If disbursements are not properly approved and adequately documented, the misappropriation of funds could occur without detection. Improper coding could result in inaccurate financial reporting.

*Recommendation:* We recommend the Town ensure that all disbursements are adequately supported by documentation and are properly approved and evidenced by initials and/or signatures. We also recommend the Town properly code disbursements as expenditures including amounts that are subsequently billed to developers for reimbursement.

*Management's Response*: Administration will develop procedures for ensuring that documentation is kept and filed as necessary. Referring to the files will help ensure that the disbursements are recorded more accurately as there will be something to refer to. Management will also look to have signed payment approvals prior to issuing a check.

#### 2020-03: Inadequate Separation of Duties over Cash Receipts and Cash Disbursements (material weakness)

*Criteria*: A separation of duties and/or mitigating controls should exist to provide controls over cash receipts and disbursements.

*Condition*: The following separation of duties conflicts were noted at the Town of Hideout: 1) The Town Administrator has access to checks, records transactions in the general ledger, and reviews and signs the final checks, 2) The Town Administrator has access to a credit card, enters transactions in the general ledger, and reviews processed transactions, 3) The Finance Director is able to make bank transfers, has access to the general ledger, reviews bank transfers, and performs bank reconciliations, and 4) The Town Administrator has access to cash, records transactions and the general ledger, and reviews processed transactions.

Cause: Inadequate separation of duties at Hideout Town occurred due to the small size of staff.

*Effect*: If proper separation of duties and/or mitigating controls do not exist, the misappropriation of funds could occur without detection.

*Recommendation:* We recommend the Town implement the following mitigating controls: 1) The Finance Director review cancelled checks and track the sequential order of checks as part of bank reconciliation procedures, 2) The Finance Director compare credit card receipts to the credit card statements, 3) The Town Administrator review bank transfers on a regular basis, and 4) The Finance Director review adjustments to customer accounts on a regular basis.

*Management's Response*: Management lost staff and began working remotely due to the Covid pandemic. Typical procedures were suspended due to limitations based on Covid and the ability to work together in close proximity. Management will take the recommendations of the auditor and create the checks and balances proposed. The Treasurer will review the checks as part of the reconciliation process and review receipts and compare them to the credit card statements. The Treasurer will review the transfers on a monthly basis. The Treasurer will review the customer accounts monthly. Hideout is also looking to restructure its employment slightly and hire additional help which could help with the Separation of Duties.

#### **2020-04:** <u>State Compliance – Budgetary Noncompliance</u> (*noncompliance*)

*Criteria*: Per Utah Code Ann. §10-5-115, towns may not make or incur expenditures in excess of total appropriations for any department in the budget as adopted or as subsequently amended.

*Condition*: For the year ended June 30, 2020, expenditures in the General Government department were in excess of appropriations by \$20,722. Water Fund expenses also exceeded budgeted amounts by \$83,622.

*Cause*: The lack of timely account adjustments and reconciliations impaired the Town's ability to accurately review budgeted to actual amounts.

*Effect*: When accurate budgets are not reviewed, noncompliance with state law can occur.

*Recommendation:* We recommend the Town Council review accurate budget to actual reports and ensure expenditures do not exceed appropriations.

Management's Response: The Town Council will review the budget and financial reports monthly.

#### File Attachments for Item:

3. Continued discussion and possible action of the Sewer Master Plan

# Town of Hideout



## Sewer Capital Facility Plan

## May 2021

Prepared By:



Item # 3.
# **Town of Hideout**

# Sewer Capital Facility Plan

## May 2021

Geoffrey Ryan Taylor, S.E.<u>Utah S.E. # 6880006</u>



## ltem # 3.

## TABLE OF CONTENTS

Table of Contents	3
List of Tables	3
List of Figures	3
Executive Summary	5
Introduction	6
Topography	8
Planning Period	0
Planning Area	0
Population and Growth Projections	0
Future Sewer Connection Projections	0
Existing Sewer System	2
Pumping1	2
Treatment	2
Collection System	2
Modeling	4
Recommended Sewer System Improvements and Upgrades1	6
Collection System	6
Capacity1	6
Lift Stations	6
Construction Prioritization	
Opinion of Probable Cost	8
Unit Cost Justification	8
Funding Alternatives	9
Capital Facility Funding (Upgrades)	9
Summary	20
Resources	21
Appendix	22
A. Lift Station Pump ID Tags	
B. KSB KRT Pump Curve	
C. Additional ERU Locations for Buildout Conditions	
D. Estimated Project Costs	
E. SewerGEMs Report	

## LIST OF TABLES

Table 1. Growth Projections	10
Table 2. Project Prioritization	
Table 3. Conceptual Unit Cost Summary	
Table 4. Estimated Project Cost Summary	
Table 5. Considered Sewer Main Updates for Silver Sky	
Table 6. Considered Lift Station Updates for Deer Waters	
Table 7. Considered Lift Station Updates for Dead Man's Gulch	

## LIST OF FIGURES

Figure 1. Existing Sewer Service Areas	7
Figure 2. USGS Site Map	
Figure 4. Existing Sewer Service System	
Figure 3. Future Buildout Sewer Service Areas	11



Page 74 **T-O ENGINEERS** 

3



## Town of Hideout

#### SEWER CAPITAL FACILITY PLAN

## **EXECUTIVE SUMMARY**

The Town of Hideout's sewer system is expected to experience growth as the community expands. In order for the sewer system to adequately handle the additional demands from future growth, system deficiencies will need to be corrected. Deficiencies have been identified at Silver Sky, Dead Man's Gulch Lift Station, and Deer Waters Phase I Lift Station. Funding for these projects will likely come from user rate adjustments, government grants, and low interest loans.



## INTRODUCTION

The Town of Hideout (Town) is located in the northwestern corner of Wasatch County, Utah, just northeast of Jordanelle Reservoir along Highway 248. The Town was incorporated in 2008 and had a population of 658 in the 2010 census. In 2020, the Town had a population of approximately 1,121 residents and occupied 2,500 acres.

The subdivisions included in this analysis are as follows:

- Deer Waters
- Deer Springs
- Klaim
- Deer Mountain
- Shoreline Phase I, Phase II, and the remaining Shoreline development
- Golden Eagle Phases I, II, and III
- Venturi
- Plumb
- Glistening Ridge
- Rustler
- Lakeview Estates
- Soaring Hawk
- Silver Sky
- Reflection Lane
- Reflection Ridge
- Overlook Village
- Forevermore

At the time of this report, some of these subdivisions are built, some are in planning stages, and some are under construction. *The existing sewer model was updated on November 9, 2020, and this is the model used for this Capital Facility Plan.* 

A Town-operated sewer system serves the residents of Hideout. The sewer system currently includes 3 lift stations, all of which currently pump waste north to the Jordanelle Special Service District (JSSD) Lift Station. The existing Town lift stations are: Dead Man's Gulch, Vantage Lane (in Shoreline Phase II), and Deer Waters Phase I. Figure 1 highlights the general service area of the existing sewer system as well as the locations of the lift stations.





#### TOPOGRAPHY

The Town of Hideout is located amongst Deer Valley, the Wasatch Mountains, and the Jordanelle Reservoir in Wasatch County. Within the Town's boundary, the topography consists of steep, mountainous terrain. There is a high area on the northeast side of the Town that is around 7,700 ft, and the lowest part of the Town is along the Jordanelle Reservoir with an elevation of about 6,150 ft. The elevation relief of approximately 1,550 feet is a major reason for the existence of the 3 lift stations within the service area, and additional unit-specific pumps in Rustler. A USGS map of the area is shown in Figure 2 with the Town Boundary roughly outlined.







Page 80

9

#### PLANNING PERIOD

Development within the town is expected to continue for the next 10-15 years. It is expected that the town will reach full buildout before 2040 unless major re-zoning or large annexations occur. As the town grows, it is likely that this plan will become outdated. To ensure that the town will have the ability to adequately maintain and expand the town's sewer system, it is *recommended that this report be updated every 10* years until full buildout is reached, or when major development changes occur.

#### PLANNING AREA

A significant portion of the town is under construction or has plans to be developed. Subdivisions such as (but not limited to) Deer Springs, Golden Eagle, Lakeview Estates, and Shoreline are in the beginning stages of construction or are still in the planning stages. To account for this growth, the anticipated Equivalent Residential Units (ERUs), or family dwellings, were estimated based on plats and plans provided by developers. Potential annexation areas are not accounted for in this Capital Facility Plan. As such, this report will be limited to improving the sewer system within the existing town boundaries. If large annexations occur, this plan will need to be revisited and updated accordingly. Prior to providing services to a new annexation, the town will need to carefully determine the full system impacts, storage, capacity, and other details and require any impacts to be mitigated through impact fees, or the construction of additional facilities.

#### **POPULATION AND GROWTH PROJECTIONS**

The average growth rate in the Town of Hideout was 5.48% between 2010 and 2020. However, to estimate the number of residents after full buildout is completed, plats and plans were used to count the number of ERUs for the existing conditions and the full buildout.

Using the *Jordanelle Special Service District Water and Sewer Master Plan* from June 2015, it was assumed that each equivalent residential unit produces 340 GPD, or 0.24 GPM, of waste. A Peak Hour Sewer Production of 2.5 was used for peak hour analysis and is equivalent to 0.59 GPM/ERU of waste.

1 40	it 1. UI	0 w th 1 1 0	centons	
	2010	2015	2020	2040 (full buildout)
Town of Hideout Population	658	825	1,121	Not analyzed
ERUs	N/A	N/A	450	2,279

#### **Table 1. Growth Projections**

#### FUTURE SEWER CONNECTION PROJECTIONS

The sewer system currently provides services for approximately 450 ERUs. The buildout conditions will require sewer services for approximately 2,279 ERUs (see Section B of the Appendix for potential annexation parcels). The sewer system will be laid as development occurs. This analysis was used to determine if the existing system can be expanded upon or if new sewer lines are needed.

Future connections to the system are anticipated to come from new development and will require the system to expand. Figure 3 indicates the areas of town that are expected to experience future growth based on proposed developments. It is estimated that the system is currently serving approximately 20% of the potential maximum number of connections in this area. There are discussions of annexations underway, but those discussions are not included in this report.





## **EXISTING SEWER SYSTEM**

As the population in the Town has increased, the system has been upgraded and expanded to accommodate increased demands. The oldest segments of the sewer system were installed around 2008 when Hideout became incorporated. However, most of the sewer system is relatively new and has been placed with new development. Replacing pipes due to deteriorated conditions is not anticipated at this time.

Survey data, previously established GIS information, and plan sets were used to set up the SewerGEMs model. The scenarios in the model include an existing scenario, a future scenario, and several buildout scenarios to help determine system improvements and their effects on the system.

#### **PUMPING**

There are several small house-specific pumps in the Rustler development that push sewage to the main line. These pumps were not modeled in SewerGEMs, but the flows coming from the homes were applied at the beginning of the Rustler gravity system. Most of the sewer system in the Town is gravity fed, but there are some sections of pressurized pipes.

There are 3 lift stations in the Town, as previously mentioned. The ID tags on the pumps were used to obtain pump curves for model inputs (see Section A for pump curves). The pumps at Deer Waters Phase I Lift Station have a flow rate of 150 GPM and a head of 102 ft. The Vantage Lane pumps have a flow rate of 400 GPM and a head of 97 ft. The Dead Man's Gulch pumps have a flow rate of 355 GPM and a head of 150 ft. Field-measured flow rates suggest the Dead Man's Gulch pump pushes between 340 and 375 GPM even though the ID tag says 270 GPM.

#### TREATMENT

Wastewater treatment does not occur in the Town. However, there are wet wells at the lift stations that temporarily store wastewater and may provide some biological treatment.

#### **COLLECTION SYSTEM**

The collection system consists of approximately 12 miles of 8-inch to 12-inch diameter lines constructed of PVC and HDPE, and approximately 3 miles of 2-inch to 6-inch pressurized pipes constructed of HDPE. These sewer lines collect wastewater from subdivisions within the Town of Hideout. The collection system is shown in Figure 4.





The JSSD sewer main is not part of the Hideout sewer system.

Golden Eagle is not currently built.

Item # 3.

Ø

1 in = 1,750 ft

TOWN OF HIDEOUT SEWER SYSTEM DATE: 8/11/2020

Althous

Sewer Manhole —— Existing

☆ Lift Station

Page 84

. Legend



: Barl, DigitalOlobe, GeoBys, Barthstar Geographics, CMBi DA, U868, AeroCRID, IGN, and the 618 User Community

Source: DS, VS

#### MODELING

The Town of Hideout's existing sewer system was analyzed using SewerGEMs, version 10.02.03.03. As previously discussed, a Peak Month Average Day Sewer Production of 0.24 GPM/ERU was used in the model with a Peak Hour Sewer Production Factor of 2.5. The average day production was used to analyze the lift stations, while the peak hour production was used to analyze the capacity of the collection system.

In the existing scenario, there are only 14 ERUs going to the Vantage Lane Lift Station. Once Shoreline and Lakeview Estates are fully developed, there will be approximately 217 ERUs going to the Vantage Lane Lift Station. The pump located in the Vantage Lane Lift Station can operate at its capacity in both the future and existing scenarios, with a velocity of 6.6 fps going through the 4-inch pressure main. According to the JSSD Water and Sewer Master Plan, a velocity larger than 7 fps constitutes a deficiently sized pipe. This force main flows south from Shoreline Phase 2 to the Dead Man's Gulch Lift Station. Once the flows reach Dead Man's Gulch, the lift station pumps flow north to the JSSD Lift Station near the Deer Springs development.

The Deer Waters Phase I Lift Station serves 9 ERUs in the existing scenario and will serve approximately 108 ERUs once Deer Waters is fully developed. The pressure main leaving this lift station is a 4-inch diameter pipe with a velocity of 4.8 fps in both the existing and future scenarios. There are currently plans of abandoning or removing this lift station in the future and directing flows elsewhere. The Deer Waters Phase I Lift Station is at a higher elevation than the JSSD Lift station based on survey data. This lift station is not needed when waste can be gravity fed.

The Dead Man's Gulch Lift Station takes wastewater from Golden Eagle, Soaring Hawk, Shoreline Phases 1 & 2, Silver Sky, and everything south of those subdivisions. In the existing scenario, Dead Man's Gulch serves 185 ERUs and has 314 GPM coming into the lift station. In the future scenario, assuming the subdivisions are fully built out and flows continue to go to Dead Man's Gulch Lift Station, the lift station would be accepting 421 GPM from approximately 929 ERUs. The pressure main leaving the lift station can only handle 458 GPM, so the lift station is close it it's capacity.

In the buildout scenarios, the analysis indicated that the pipes on the south end of Silver Sky are twice as full as all the remaining pipes in the sewer system. This is a result of pipe slopes being mild and then suddenly transitioning to steep. It is likely that waste would sit in the flatter pipes, and when it finally gets pushed down the steeper pipe, the system would be overwhelmed in this area. This location is shown in Figure 5.

Typically, pipe capacity is checked at 75% to determine if pipes are undersized. In this situation, the pipes aren't undersized, but the pipe slopes are causing waste to sit in the pipes.





Figure 5. Pipes are Overly Full in Silver Sky

Initially, it was decided that 70% would be used to check pipe capacity to account for any differences in pipe slopes between the model and what is built. Most subdivisions had plan and profile sheets available, though not all these subdivisions are currently built. Also, some sections of pipe did not have profiles available. As the model was refined, it became apparent that the pipes on the south end of Silver Sky are significantly more full than the rest of the system.

Additional ERUs were added to the buildout scenarios to reflect ongoing development discussions. See Section B of the Appendix for these locations and ERUs associated with each parcel.



## **RECOMMENDED SEWER SYSTEM IMPROVEMENTS AND UPGRADES**

There are points of constriction at the Dead Man's Gulch Lift Station as well as overly full pipes in Silver Sky. Options to correct existing deficiencies and prevent future deficiencies are discussed below. Resolving existing deficiencies will enable the sewer system to handle buildout conditions.

#### **COLLECTION SYSTEM**

As previously described, the sewer pipes at the south end of Silver Sky are twice as full as the rest of the system during the buildout conditions. It is recommended the Town connect Soaring Hawk and Golden Eagle to the JSSD sewer system in Highway 248, reducing the amount of waste that reaches Silver sky. This connection will prevent the system from being overwhelmed.

#### CAPACITY

If no changes are made to the sewer collection system, the pump located at Dead Man's Gulch Lift Station needs to be replaced with a pump that can push 420 GPM to handle buildout flow rates. Also, the overflow pond on the north side of the lift station is not ideal. Directing flows elsewhere in the system will prevent the pump and pressure main from being overwhelmed.

#### LIFT STATIONS

If wastewater from Deer Waters and Lakeview Estates were gravity fed to the Vantage Lane Lift Station, an average flow rate of 78 GPM would reach the Vantage Lane Lift Station after buildout, and the pump can push around 400 GPM according to the ID Tag. However, the pump can only handle 97 ft of head. The pump needs to be able to handle approximately 160 ft of head for Vantage Lane to be able to pump flows up to the JSSD Lift Station.

The flow rate reaching Vantage Lane Lift Station during peak hour demand would be 193 GPM. In addition, the Shoreline Phase 2 sewer system under Vantage Lane has capacity to accept the buildout flow rates from Deer Waters and Lakeview Estates. It is recommended that the Deer Waters Phase I Lift Station be removed and flows from Deer Waters and Lakeview Estates be gravity fed to the Vantage Lane Lift Station. A larger pump will need to be installed at the Vantage Lane Lift Station to get waste to the JSSD Lift Station. It is also recommended a 4" pressure main be installed between the Vantage Lane Lift Station and the 4" pressure main the Deer Waters Phase I Lift Station is currently using.

Redirecting Vantage Lane flows to the north would reduce the amount of wastewater reaching the Dead Man's Gulch Lift Station. In the existing conditions, the Vantage Lane Lift Station sends 250 GPM to the Dead Man's Gulch Lift Station, which is approximately 55% of the Dead Man's Gulch pump capacity. For buildout conditions, if the Vantage Lane Lift Station sends flows directly to the JSSD Lift Station, and if Golden Eagle and Soaring Hawk tie into the JSSD Sewer Main, the flow rate getting to Dead Man's Gulch would be approximately 169 GPM coming from 704 ERUs. This scenario includes the remaining Shoreline area, which will contribute approximately 574 ERUs to this lift station. These conditions would not require the pump to have a higher capacity and would not require additional storage for wastewater.



## **CONSTRUCTION PRIORITIZATION**

The improvements and upgrades discussed in the previous sections describe individual projects that will need to be completed within the next 15-20 years to maintain and upgrade the town's sewer system. Ideally, the town would design and construct solutions for the 3 deficiencies at once to maximize the benefits to the citizens as soon as possible. However, funding and logistical constraints will likely require these projects to be constructed in phases as funds become available. The purpose of this section is to identify the optimum construction order to provide the maximum benefits to the existing customer base as soon as practical. The need and urgency of the projects were evaluated and sorted qualitatively using the following criteria:

- 1) Existing probability of failure of sewer system component(s)
- 2) The cost / time necessary to repair the existing component(s)
- 3) Anticipated growth areas

Through this evaluation it was determined that recommendations to improve the existing system were the highest priority to prevent potentially overwhelming the sewer system. The prioritized list of recommended projects is presented in Table 2. *It is recommended that project 1 be completed within the next three to five years to prevent overwhelming the sewer system.* 

1* Silver Sky Sky   2 Dead Man's Gulch Lift Station Reduce the amount of waste reaching the station. This deficiency will become na parent as development continues and waste is sent here.	Priority	Location	Justification
2 Dead Man's Gulch Lift Station station. This deficiency will become r apparent as development continues and waste is sent here.	1*	Silver Sky	Prevent overwhelming the system in Silver Sky
	2	Dead Man's Gulch Lift Station	Reduce the amount of waste reaching this lift station. This deficiency will become more apparent as development continues and more waste is sent here.
3 Deer Waters Phase I Lift Station Remove or abandon lift station	3	Deer Waters Phase I Lift Station	Remove or abandon lift station

#### Table 2. Project Prioritization

\* Projects are required within the next 3 to 5 years



#### **OPINION OF PROBABLE COST**

The costs for the proposed projects are presented in the following sections. There are many methods and materials available to contractors when it comes to backfilling, compaction, and visual aesthetics of roadways, all of which affect cost. The more flexibility the contractors have when these projects are being bid out, the more cost savings options the contractor can utilize.

#### **UNIT COST JUSTIFICATION**

Construction costs for the recommended projects are shown in Table 3. The costs listed below are the base costs used for the analysis, however, some of the costs will vary with the different project options. The unit costs are based on recent bids for similar projects and engineering judgment, and are estimates only. Market values can fluctuate over time and cause these estimates to be outdated by the time construction occurs.

Table 3. Conceptual Unit Cost Summary					
Item	Unit	Co	st Per Unit		
Mobilization and Demobilization	Lump	10%	of Total Cost		
Traffic Control	Days	\$	240.00		
Remove Existing Pipe	LF	\$	6.00		
Remove Manhole	Each	\$	1,200.00		
Remove Existing Surface Materials	LF	\$	11.76		
Install 8" Sanitary Sewer Pipe	LF	\$	53.00		
Install 6" Pressurized Sanitary Sewer Pipe	LF	\$	104.00		
Install 4" Pressurized Sanitary Sewer Pipe	LF	\$	91.00		
Install 4-Foot Diameter Manhole	Each	\$	4,320.00		
Install 5-Foot Diameter Manhole	Each	\$	5,400.00		
Reconnect Service Laterals	Each	\$	2,100.00		
Connect to Existing System	Each	\$	3,920.00		
Roadway Patching	SY	\$	42.00		
Landscaping and surface Restoration	SY	\$	1.80		

#### 111 4 0

In addition to the estimated construction cost, design and administrative costs have been added to the base construction cost as shown below:

Engineering and Survey	8%
Construction management	3%
Material Testing	2%
City management	1%
Legal	1%
Contingency	15%
Total	30%

Table 4 provides estimated project costs for the recommended actions to correct deficiencies. Costs are based on 2021 dollars. For more details on the estimated project costs, see Section D of the Appendix. For more details on considered system improvements, see Section C of the Appendix.



	8 V	
Location	Recommended action	Cost per LF of Pipe
Silver Sky	Tie Soaring Hawk and Golden Eagle into the JSSD sewer main on HWY 248	\$ 488
Dead Man's Gulch	Direct Vantage Lane Lift Station waste directly to the JSSD Lift Station through a new 6-inch line	\$ 218
Deer Waters	Take flows south to the Vantage Lane Lift Station	\$ 124

**Table 4. Estimated Project Cost Summary** 

## **FUNDING ALTERNATIVES**

Acquiring sufficient funds to construct all of the recommended construction projects is a considerable task for a community the size of Hideout. The town does not presently have the required funds to construct these projects in a reasonable timeframe. In order to complete the necessary projects in the recommended timeframe, a combination of increased user rates, altered rate structure and impact fees, along with government grants and low interest loans will be required.

To mitigate the financial impact on the community and to expedite the most critical projects, a combination of government grants and low-interest or interest-free loans is recommended to complete the projects in a more timely fashion. One funding source that is available to the Town is the USDA Rural Development Water & Waste Disposal Loan & Grant Program. They provide long term, low interest loans to rural towns with populations of 10,000 or less, and provide grants if funds are available.

## CAPITAL FACILITY FUNDING (UPGRADES)

The most common source of funding for capital facilities projects that will be required to support future growth is through the collection of "impact fees." An impact fee is defined as:

"A one-time charge on new development for the purpose of raising revenue for new or expanded public facilities necessitated by that development."

Impact fees can be applied in any logical manner that provides a fair and equitable fee system. One method to implement an impact fee would be to set a single fee for all new connections regardless of size or intended use. A more common method is to develop a fee schedule that factors in the usage of each connection. This method allows the town to charge more to users whom intend to dispose of a larger volume of waste. This second method is often calculated using ERUs. This method determines what the "typical" residential unit (household) contributes to the system.

In the case of Hideout's sewer system, the average household is currently served through a  $1 \frac{1}{2}$  to 2-inch lateral connection. It is anticipated that the majority of future connections will be  $1 \frac{1}{2}$  to 2-inch connections.



## SUMMARY

Evaluation of the overall condition of the existing Hideout Sewer System was completed to locate existing and future deficiencies, and plan for additional connections. Two areas were identified as being deficient in some manner: Silver Sky and Dead Man's Gulch Lift Station. Once improvements are made to these areas, the existing sewer system will be a solid foundation to expand upon as the town develops. The recommended improvements will restore existing system deficiencies and accommodate future growth within the town.



#### RESOURCES

- Jordanelle Special Service District Water and Sewer Master Plan, Impact Fee Facilities Plan, Impact Fee Analysis, and Rate Study from June 2015
- 2. KSM KRT K 80-251 Pump Curve at 3500 rpm
- 3. Barnes Series 4SHVB Performance Curve
- 4. Smith & Loveless Pump Curve for 4B2D\*1
- 5. My City Inspect for Hideout, UT
- 6. Kent Cuillard Town of Hideout Public Works Director
- 7. Town of Hideout Plans and Plats for Developments



Item # 3.

## **A**PPENDIX

- A. Pump Curves
- B. Additional ERU Locations for Buildout Conditions
- C. Considered System Improvements
- D. Estimated Project Costs
- E. SewerGEMs Report



#### A. PUMP CURVES



## **Series 4SHVB**

Performance Curve

Vantage Lane Pump Curve



15 - 50HP, 3450RPM, 60Hz, 21 & 28 Frame

Solids Handling Submersible Pumps



A Crane Co. Company











30

34

22.4

25.3

-

30

-

22.4

104

	Material			LIQUID TEMP.			
G, G1,	GH, H	C1,	C2				
Нр	kW	Hp	kW	٩F	°C		
10	7.5	10	7.5	140	60	122W	
10	7.5	10	7.5	140	00	122Z	*)
15	11.2	15	11.2	104	40	122U	
15	11.2	10	11.2	104	40	122X	*)
20	14.9	20	14.9	140	60	172W	
20	14.0	20	14.5	140	00	172Z	*)
23	17.2	22	16.4	104	40	172U	
20	17.2	22	10.4	104	40	172X	*)

\*) FM/CSA = Explosionproof to Class I, Division 1, Groups C & D

252Z 2220

222X

252U

252X

40

\*)

\*)

## **B.** Additional ERU Locations for Buildout Conditions



#### Additional ERUs According to Discussions



ID	Total	Assumed Acreage per Total ERUs Sewer Dem		Sewer Demand	
U	Acreage	ERU	TOTALEKOS	Sewer Demanu	
1	5.5	0.0785	70	16.82	
2	43	0.3	143	34.40	
3	21.4	0.2	107	25.68	
4	48.6	0.2	243	58.32	
5	15.8	0.1	158	37.92	
6	20.6	0.2	103	24.72	
7	333	0.2	1665	399.60	

## C. CONSIDERED SYSTEM IMPROVEMENTS



Option	Recommended Action	Diameter (in)	Length (ft)
A.1	Increase the slope in the existing pipes by replacing the existing lines	8	350
A.2	Increase the slope in the existing pipes by laying new pipes outside of the roadway and abandoning the existing lines	8	630
A.3	Lay a new 8-inch sewer line south of the existing homes to route waste around the deficiency	8	750
A.4	Tie Soaring Hawk and Golden Eagle into the JSSD sewer main on HWY 248	-	-

Table 5. Considered	Sewer	Main	Undates	for	Silver	Skv
Table 5. Considered	Scwer	1 am	Opuaits	101	Shver	SKY

Option	Recommended Action	Diameter (in)	Length (ft)
B.1	Replace the 4-inch pressure main with a 6-inch pressure main	6	5,000
B.2	Lay a 6-inch pressure main parallel to the 4-inch pressure main	6	5,000
B.3	Take some/all flows south to a Lakeview Estates Lift Station	6	900
B.4	Take some/all flows south to the Vantage Lane Lift Station	6	1,100
B.5	Leave the 4-inch main, assuming the Lift Station will be abandoned in the next 3-5 years	N/A	N/A

#### Table 7. Considered Lift Station Updates for Dead Man's Gulch

Option	Recommended Action	Diameter (in)	Length (ft)
C.1	Direct Vantage Lane Lift Station waste directly to the JSSD Lift Station through a new 6-inch line	6	7,100
C.2	Direct Vantage Lane Lift Station waste directly to the JSSD Lift Station by connecting into the Dead Man's Gulch pressure main just south of Shoreline Phase 2 with a 6-inch pipe	6	100
C.3	Install an 8-inch line parallel to the JSSD Sewer Main along HWY 248 AND redirect Vantage Lane Lift Station flows (see options C.1 and C.2)	8	8,636
C.4	Direct Vantage Lane Lift Station waste directly to the JSSD Lift Station through a new 6-inch line	6	2,140
C.5	Redirect Soaring Hawk and Golden Eagle flows into the JSSD sewer main AND redirect Vantage Lane Lift Station flows (see options A.4, C.1 and C.2)	-	-





**Option: A.1 - Replace existing lines in Silver Sky** 



Option: A.2 - Lay new 8-inch lines in Silver Sky



## **Option: A.4 - Tie into JSSD Sewer System**









**Option: B.2 - 6-inch Pressure Main Parallel to 4-inch Main** 



**Option: B.3 - Gravity Feed Flows to Lakeview Estates Lift Station**


**Option: B.4 - Gravity Feed Flows to Vantage Lane Lift Station** 



### Option: C.1 - New 6-inch Pressure Main to JSSD Lift Station



**Option: C.2 - New 6-inch Pressure Main Connection** 



Option: C.3 - New 8-inch main along HWY 248



### Option: C.4 - New 6-inch Pressure Main to JSSD Lift Station

### D. ESTIMATED PROJECT COSTS

TO

ITEM	Quantity	UNIT	UN	IT COST	Tot	al Cost
Mobilization and Demobilization	1	Lump		10%	\$	12,567.26
Remove Existing Pipe	350	LF	\$	6.00	\$	2,100.00
Remove Manhole	3	Each	\$	1,200.00	\$	3,600.00
Remove existing surface materials		LF	\$	11.76	\$	-
Install 8" Sanitary Sewer Pipe	350	LF	\$	84.80	\$	29,680.00
Install 6" Pressurized Sanitary Sewer Pipe		LF	\$	104.00	\$	-
Install 4-Foot Diameter Manhole	4	Each	\$	4,320.00	\$	17,280.00
Install 5-Foot Diameter Manhole		Each	\$	5,400.00	\$	-
Reconnect Service Laterals	5	Each	\$	2,100.00	\$	10,500.00
Connect to Existing System	2	Each	\$	3,920.00	\$	7,840.00
Roadway Patching	312	SY	\$	42.00	\$	13,104.00
Landscaping and surface Restoration		SY	\$	1.80	\$	-
					\$	96,671.26
Additional Costs						
ITEM			PER	CENTAGE	Tot	al Cost
Engineering and Survey				8%	\$	7,733.70
Construction management				3%	\$	2,900.14
Material Testing				2%	\$	1,933.43
City management				1%	\$	966.71
Legal				1%	\$	966.71
Contingency				15%	\$	14,500.69
Total					\$	29,001.38
10101						
Total Project Cost					\$	125,672.64

ITEM	Quantity	UNIT	UN	IT COST	Tot	tal Cost
Mobilization and Demobilization	1	Lump		10%	\$	12,826.69
Remove Existing Pipe		LF	\$	6.00	\$	-
Remove Manhole		Each	\$	1,200.00	\$	-
Remove existing surface materials	627	LF	\$	11.76	\$	7,373.52
Install 8" Sanitary Sewer Pipe	627	LF	\$	84.80	\$	53,169.60
Install 6" Pressurized Sanitary Sewer Pipe		LF	\$	104.00	\$	-
Install 4-Foot Diameter Manhole	1	Each	\$	4,320.00	\$	4,320.00
Install 5-Foot Diameter Manhole		Each	\$	5,400.00	\$	-
Reconnect Service Laterals	5	Each	\$	2,100.00	\$	10,500.00
Connect to Existing System	2	Each	\$	3,920.00	\$	7,840.00
Roadway Patching	18	SY	\$	42.00	\$	756.00
Landscaping and surface Restoration	1045	SY	\$	1.80	\$	1,881.00
					\$	98,666.81
Additional Costs						
ITEM			PER	CENTAGE	Tot	al Cost
Engineering and Survey				8%	\$	7,893.34
Construction management				3%	\$	2,960.00
Material Testing				2%	\$	1,973.34
City management				1%	\$	986.67
Legal				1%	\$	986.67
Contingency				15%	\$	14,800.02
Total					\$	29,600.04
IUlai						
					¢	128 266 85
Total Project Cost Cost per LF of Pipe					\$ \$	128,266.85 204.57

Option: A.3 - Lay new 8-inch lines south of Silver Sky						
ITEM	Quantity	UNIT	UN		То	tal Cost
Mobilization and Demobilization	1	Lump		10%	\$	8,815.49
Remove Existing Pipe		LF	\$	6.00	\$	-
Remove Manhole		Each	\$	1,200.00	\$	-
Remove existing surface materials	750	LF	\$	11.76	\$	8,820.00
Install 8" Sanitary Sewer Pipe	750	LF	\$	53.00	\$	39,750.00
Install 6" Pressurized Sanitary Sewer Pipe		LF	\$	104.00	\$	-
Install 4-Foot Diameter Manhole		Each	\$	4,320.00	\$	-
Install 5-Foot Diameter Manhole		Each	\$	5,400.00	\$	-
Reconnect Service Laterals		Each	\$	2,100.00	\$	-
Connect to Existing System	2	Each	\$	3,920.00	\$	7,840.00
Roadway Patching	8	SY	\$	42.00	\$	336.00
Landscaping and surface Restoration	1250	SY	\$	1.80	\$	2,250.00
					\$	67,811.49
Additional Costs	7					
ITEM	-		PER	CENTAGE	То	tal Cost
Engineering and Survey				8%	\$	5,424.92
Construction management				3%	\$	2,034.34
Material Testing				2%	\$	1,356.23
City management				1%	\$	678.11
Legal				1%	\$	678.11
Contingency				15%	\$	10,171.72
Total					\$	20,343.45
Total Project Cost					\$	88,154.94
Cost per LF of Pipe					\$	117.54

ITEM	Quantity	UNIT	UN	IIT COST	To	tal Cost
Mobilization and Demobilization	1	Lump		10%	\$	5,368.88
Remove Existing Pipe	110	LF	\$	6.00	\$	660.00
Remove Manhole	1	Each	\$	1,200.00	\$	1,200.00
Remove existing surface materials	110	LF	\$	11.76	\$	1,293.60
Install 8" Sanitary Sewer Pipe	110	LF	\$	84.80	\$	9,328.00
Install 6" Pressurized Sanitary Sewer Pipe		LF	\$	104.00	\$	-
Install 4-Foot Diameter Manhole		Each	\$	4,320.00	\$	-
Install 5-Foot Diameter Manhole	2	Each	\$	5,400.00	\$	10,800.00
Reconnect Service Laterals		Each	\$	2,100.00	\$	-
Connect to Existing System	3	Each	\$	3,920.00	\$	11,760.00
Roadway Patching	14	SY	\$	42.00	\$	588.00
Landscaping and surface Restoration	167	SY	\$	1.80	\$	300.60
					\$	41,299.08
Additional Costs						
ITEM	•		PER	CENTAGE	To	tal Cost
Engineering and Survey				8%	\$	3,303.93
Construction management				3%	\$	1,238.97
Material Testing				2%	\$	825.98
City management				1%	\$	412.99
Legal			1	1%	\$	412.99
Contingency				15%	\$	6,194.86
Total					\$	12,389.72

Total Project Cost	\$ 53	3,688.80
Cost per LF of Pipe	\$	488.08

\*Pipe length is estimated, survey shots have not been taken at the time of this estimate.

Option: B.1 - Replace 4-inch with 6-inch Pressure Main						
ITEM	Quantity	UNIT	UN		То	tal Cost
Mobilization and Demobilization	1	Lump		10%	\$	116,448.11
Remove Existing Pipe	5000	LF	\$	6.00	\$	30,000.00
Remove Manhole		Each	\$	1,200.00	\$	-
Remove existing surface materials	5000	LF	\$	11.76	\$	58,800.00
Install 8" Sanitary Sewer Pipe		LF	\$	53.00	\$	-
Install 6" Pressurized Sanitary Sewer Pipe	5000	LF	\$	104.00	\$	520,000.00
Install 4-Foot Diameter Manhole		Each	\$	4,320.00	\$	-
Install 5-Foot Diameter Manhole		Each	\$	5,400.00	\$	-
Reconnect Service Laterals		Each	\$	2,100.00	\$	-
Connect to Existing System	2	Each	\$	3,920.00	\$	7,840.00
Roadway Patching	3823	SY	\$	42.00	\$	160,566.00
Landscaping and surface Restoration	1167	SY	\$	1.80	\$	2,100.60
	_				\$	895,754.71
Additional Costs						
ITEM			PER	CENTAGE	То	tal Cost
Engineering and Survey				8%	\$	71,660.38
Construction management				3%	\$	26,872.64
Material Testing				2%	\$	17,915.09
City management				1%	\$	8,957.55
Legal				1%	\$	8,957.55
Contingency				15%	\$	134,363.21
Total					\$	268,726.41
Total Project Cost					Ś	1,164,481.12
Cost per LF of Pipe					\$	232.90

Option: B.2 - 6-inch Pressure Main Parallel to 4-inch Main							
ITEM	Quantity	UNIT	UN	IT COST	Tot	al Cost	
Mobilization and Demobilization	1	Lump		10%	\$	111,965.35	
Remove Existing Pipe		LF	\$	6.00	\$	-	
Remove Manhole		Each	\$	1,200.00	\$	-	
Remove existing surface materials	5000	LF	\$	11.76	\$	58,800.00	
Install 8" Sanitary Sewer Pipe		LF	\$	53.00	\$	-	
Install 6" Pressurized Sanitary Sewer Pipe	5000	LF	\$	104.00	\$	520,000.00	
Install 4-Foot Diameter Manhole		Each	\$	4,320.00	\$	-	
Install 5-Foot Diameter Manhole		Each	\$	5,400.00	\$	-	
Reconnect Service Laterals		Each	\$	2,100.00	\$	-	
Connect to Existing System	2	Each	\$	3,920.00	\$	7,840.00	
Roadway Patching	3823	SY	\$	42.00	\$	160,566.00	
Landscaping and surface Restoration	1167	SY	\$	1.80	\$	2,100.60	
	_				\$	861,271.95	
Additional Costs							
ITEM			PER	CENTAGE	Tot	al Cost	
Engineering and Survey				8%	\$	68,901.76	
Construction management				3%	\$	25,838.16	
Material Testing				2%	\$	17,225.44	
City management				1%	\$	8,612.72	
Legal				1%	\$	8,612.72	
Contingency				15%	\$	129,190.79	
Total					\$	258,381.59	
Total Project Cost					Ś	1,119,653.54	
Cost per LF of Pipe					\$	223.93	

ITEM	Quantity	UNIT	UN	T COST	To	tal Cost
Mobilization and Demobilization	1	Lump		10%	\$	10,410.46
Remove Existing Pipe		LF	\$	5.00	\$	-
Remove Manhole		Each	\$	1,000.00	\$	-
Remove existing surface materials	900	LF	\$	9.80	\$	8,820.00
Install 8" Sanitary Sever Pipe	900	LF	\$	50.00	\$	45,000.00
Install 6" Pressurized Sanitary Sewer Pipe		LF	\$	80.00	\$	-
Install 4-Foot Diameter Manhole	2	Each	\$	4,000.00	\$	8,000.00
Install 5-Foot Diameter Manhole		Each	\$	5,000.00	\$	-
Reconnect Service Laterals		Each	\$	1,500.00	\$	-
Connect to Existing System	2	Each	\$	2,800.00	\$	5,600.00
Roadway Patching		SY	\$	35.00	\$	-
Landscaping and surface Restoration	1500	SY	\$	1.50	\$	2,250.00
	$\mathbf{X}$				\$	80,080.46
Additional Costs	$\mathbf{X}$				\$	80,080.46
Additional Costs	X_		PER	CENTAGE	т	80,080.46 tal Cost
	X		PER	CENTAGE 8%	To	tal Cost
ITEM	X		PER		• <b>To</b> † \$	
ITEM Engineering and Survey			PER	8%	<b>To</b> 1 \$ \$	<b>tal Cost</b> 6,406.44
ITEM Engineering and Survey Construction management			PER	8% 3%	<b>To</b> t \$ \$ \$	tal Cost 6,406.44 2,402.41
ITEM Engineering and Survey Construction management Material Testing			PER	8% 3% 2%	<b>To</b> <sup>†</sup> \$ \$ \$	tal Cost 6,406.44 2,402.41 1,601.61
ITEM Engineering and Survey Construction management Material Testing City management			PER	8% 3% 2% 1%	To \$ \$ \$ \$	tal Cost 6,406.44 2,402.41 1,601.61 800.80
ITEM Engineering and Survey Construction management Material Testing City management Legal			PER	8% 3% 2% 1%	To \$ \$ \$ \$	tal Cost 6,406.44 2,402.41 1,601.61 800.80 800.80
ITEM Engineering and Survey Construction management Material Testing City management Legal Contingency			PER	8% 3% 2% 1%	<b>To</b> \$ \$ \$ \$ \$	tal Cost 6,406.44 2,402.41 1,601.61 800.80 800.80 12,012.07
ITEM Engineering and Survey Construction management Material Testing City management Legal Contingency			PER	8% 3% 2% 1%	<b>To</b> <sup>†</sup> \$ \$ \$ \$ \$ \$	tal Cost 6,406.44 2,402.41 1,601.61 800.80 800.80 12,012.07

\*\*At this time, Lakeview Estates Lift Station is not planned to be constructed.

<b>Option: B.4 - Gravity Feed Flows to Vantage Lane Lift Station</b>					
ITEM	Quantity	UNIT	UNIT COST	То	tal Cost
Mobilization and Demobilization	1	Lump	10%	\$	13,623.40
Remove Existing Pipe		LF	\$ 6.00	\$	-
Remove Manhole		Each	\$ 1,200.00	\$	-
Remove existing surface materials	1100	LF	\$ 11.76	\$	12,936.00
Install 8" Sanitary Sewer Pipe	1100	LF	\$ 53.00	\$	58,300.00
Install 6" Pressurized Sanitary Sewer Pipe		LF	\$ 104.00	\$	-
Install 4-Foot Diameter Manhole	2	Each	\$ 4,320.00	\$	8,640.00
Install 5-Foot Diameter Manhole		Each	\$ 5,400.00	\$	-
Reconnect Service Laterals		Each	\$ 2,100.00	\$	-
Connect to Existing System	2	Each	\$ 3,920.00	\$	7,840.00
Roadway Patching	18	SY	\$ 42.00	\$	756.00
Landscaping and surface Restoration	1500	SY	\$ 1.80	\$	2,700.00
				\$	104,795.40
Additional Costs					
ITEM			PERCENTAGE	То	tal Cost
Engineering and Survey			8%	\$	8,383.63
Construction management			3%	\$	3,143.86
Material Testing			2%	\$	2,095.91
City management			1%	\$	1,047.95
Legal			1%	\$	1,047.95
Contingency			15%	\$	15,719.31
Total			·	\$	31,438.62

Total Project Cost	\$ 136	5,234.02
Cost per LF of Pipe	\$	123.85

\*Project is planned to be completed with the construction of Lakeview Estates.

Option: C.1 - New 6-inch Pressure M	ation					
ITEM	Quantity	UNIT	UN	IT COST	To	tal Cost
Mobilization and Demobilization	1	Lump		10%	\$	132,252.44
Remove Existing Pipe		LF	\$	6.00	\$	-
Remove Manhole		Each	\$	1,200.00	\$	-
Remove existing surface materials	7100	LF	\$	11.76	\$	83,496.00
Install 8" Sanitary Sewer Pipe		LF	\$	53.00	\$	-
Install 6" Pressurized Sanitary Sewer Pipe	7100	LF	\$	104.00	\$	738,400.00
Install 4-Foot Diameter Manhole		Each	\$	4,320.00	\$	-
Install 5-Foot Diameter Manhole		Each	\$	5,400.00	\$	-
Reconnect Service Laterals		Each	\$	2,100.00	\$	-
Connect to Existing System	2	Each	\$	3,920.00	\$	7,840.00
Roadway Patching	889	SY	\$	42.00	\$	37,338.00
Landscaping and surface Restoration	10000	SY	\$	1.80	\$	18,000.00
					\$	1,017,326.44
Additional Costs						
ITEM	•		PER	CENTAGE	To	tal Cost
Engineering and Survey				8%	\$	81,386.12
Construction management				3%	\$	30,519.79
Material Testing				2%	\$	20,346.53
City management				1%	\$	10,173.26
Legal				1%	\$	10,173.26
Contingency				15%	\$	152,598.97
Total					\$	305,197.93
Total Project Cost					\$	1,322,524.37
Cost per LF of Pipe					\$	186.27

ITEM	Quantity	UNIT	UN	IT COST	Tot	tal Cost
Mobilization and Demobilization	1	Lump		10%	\$	2,946.16
Remove Existing Pipe		LF	\$	6.00	\$	-
Remove Manhole		Each	\$	1,200.00	\$	-
Remove existing surface materials	100	LF	\$	11.76	\$	1,176.00
Install 8" Sanitary Sewer Pipe		LF	\$	53.00	\$	-
Install 6" Pressurized Sanitary Sewer Pipe	100	LF	\$	104.00	\$	10,400.00
Install 4-Foot Diameter Manhole		Each	\$	4,320.00	\$	-
Install 5-Foot Diameter Manhole		Each	\$	5,400.00	\$	-
Reconnect Service Laterals		Each	\$	2,100.00	\$	-
Connect to Existing System	2	Each	\$	3,920.00	\$	7,840.00
Roadway Patching		SY	\$	42.00	\$	-
Landscaping and surface Restoration	167	SY	\$	1.80	\$	300.60
					\$	22,662.76
Additional Costs						
ITEM			PER	CENTAGE	Tot	tal Cost
Engineering and Survey				8%	\$	1,813.02
Construction management				3%	\$	679.88
Material Testing				2%	\$	453.26
City management				1%	\$	226.63
Legal				1%	\$	226.63
Contingency				15%	\$	3,399.41
Total			-		\$	6,798.83

Total Project Cost	\$ 29,461.59
Cost per LF of Pipe	\$ 294.62

\*Project is planned to be completed with the construction of Lakeview Estates.

Option: C.3 - New 8-inch main along HWY 248								
ITEM	Quantity	UNIT	UNIT COST		Total Cost			
Mobilization and Demobilization	1	Lump		10%	\$	105,381.49		
Remove Existing Pipe		LF	\$	6.00	\$	-		
Remove Manhole		Each	\$	1,200.00	\$	-		
Remove existing surface materials	8636	LF	\$	11.76	\$	101,559.36		
Install 8" Sanitary Sewer Pipe	8636	LF	\$	53.00	\$	457,708.00		
Install 6" Pressurized Sanitary Sewer Pipe		LF	\$	104.00	\$	-		
Install 4-Foot Diameter Manhole	22	Each	\$	4,320.00	\$	95,040.00		
Install 5-Foot Diameter Manhole		Each	\$	5,400.00	\$	-		
Reconnect Service Laterals		Each	\$	2,100.00	\$	-		
Connect to Existing System	2	Each	\$	3,920.00	\$	7,840.00		
Roadway Patching	445	SY	\$	42.00	\$	18,690.00		
Landscaping and surface Restoration	13560	SY	\$	1.80	\$	24,408.00		
	-	-	-		\$	810,626.85		
Additional Costs								
					<b>—</b> .			

ITEM	PERCENTAGE	Tot	al Cost
Engineering and Survey	8%	\$	64,850.15
Construction management	3%	\$	24,318.81
Material Testing	2%	\$	16,212.54
City management	1%	\$	8,106.27
Legal	1%	\$	8,106.27
Contingency	15%	\$	121,594.03
Total		\$	243,188.06

Total Project Cost	\$ 1,053,814.91
Cost per LF of Pipe	\$ 122.03

\*Assumes trench installation across HWY 248, not jack and bore.

\*Only accounts for new 8-inch main along HWY 248. See C.1 or C.2 for redirecting Vantage Lane flows.

\*Need to add on cost from C.1 or C.2. for Total Project Cost.

Option: C.4 - New 6-inch Pressure Main to JSSD Lift Station						
ITEM	Quantity	UNIT	UN		То	tal Cost
Mobilization and Demobilization	1	Lump		10%	\$	46,743.88
Traffic Control	8	Days	\$	240.00	\$	1,920.00
Remove Existing Pipe		LF	\$	6.00	\$	-
Remove Manhole		Each	\$	1,200.00	\$	-
Remove existing surface materials	2140	LF	\$	11.76	\$	25,166.40
Install 8" Sanitary Sewer Pipe		LF	\$	53.00	\$	-
Install 6" Pressurized Sanitary Sewer Pipe	2140	LF	\$	104.00	\$	222,560.00
Install 4-Foot Diameter Manhole		Each	\$	4,320.00	\$	-
Install 5-Foot Diameter Manhole		Each	\$	5,400.00	\$	-
Reconnect Service Laterals		Each	\$	2,100.00	\$	-
Connect to Existing System	2	Each	\$	3,920.00	\$	7,840.00
Roadway Patching	889	SY	\$	42.00	\$	37,338.00
Landscaping and surface Restoration	10000	SY	\$	1.80	\$	18,000.00
					\$	359,568.28
Additional Costs						
ITEM			PER	CENTAGE	То	tal Cost
Engineering and Survey				8%	\$	28,765.46
Construction management		3%	\$	10,787.05		
Material Testing		2%	\$	7,191.37		
City management		1%	\$	3,595.68		
Legal		1%	\$	3,595.68		
Contingency		15%	\$	53,935.24		
Total					\$	107,870.48

Total Project Cost	\$ 46	7,438.76
Cost per LF of Pipe	\$	218.43

## E. SewerGEMs Report

#### Conduit Table - Time: 0.00 hours

ID	Label	Length (Scaled)	Slope (Calculated)	Diameter (in)	Is Active?	Flow (gal/min)
		(Scaled) (ft)	(tt/ft)	(11)		(gai/min)
304	CO-4	64.9	0.005	8.00	True	5.62
305	CO-5	339.0	0.078	8.00	True	6.19
306	CO-6	114.1	0.004	8.00	True	8.08
307	CO-7	115.6	0.004	8.00	True	7.69
308	CO-8	65.8	0.004	8.00	True	7.30
309	CO-9	28.6	0.043	8.00	True	11.52
310	CO-10	85.5	0.172	8.00	True	11.52
311	CO-11	53.7	0.063	8.00	True	11.52
312	CO-12	79.7	0.078	8.00	True	12.48
313	CO-13	47.5	0.039	8.00	True	12.96
314	CO-14	87.6	0.020	8.00	True	12.96
315	CO-15	200.4	0.045	8.00	True	13.92
316	CO-16	308.5	0.005	8.00	True	21.12
317	CO-17	342.2	0.037	8.00	True	21.60
318	CO-18	335.7	0.023	8.00	True	21.60
319	CO-19	207.5	0.020	8.00	True	21.60
320	CO-20	243.1	0.031	8.00	True	21.60
321	CO-21	395.8	0.088	8.00	True	21.60
322	CO-22	61.6	0.004	8.00	True	0.48
323	CO-23	213.8	0.004	8.00	True	1.44
324	CO-24	364.6	0.102	8.00	True	3.93
325	CO-25	36.7	0.074	8.00	True	6.96
326	CO-26	48.3	0.060	8.00	True	7.30
327	CO-27	41.7	0.062	8.00	True	7.03
328	CO-28	274.3	0.004	8.00	True	0.48
329	CO-29	127.1	0.004	8.00	True	2.40
330	CO-30	92.4	0.004	8.00	True	3.36
331	CO-31	94.0	0.066	8.00	True	4.32
332	CO-32	118.9	0.087	8.00	True	5.04
333	CO-33	35.1	0.080	8.00	True	5.28
334	CO-34	57.5	0.116	8.00	True	5.28
335	CO-35	47.8	0.006	8.00	True	5.41
337	CO-37	21.6	0.048	8.00	True	0.00
338	CO-38	406.6	0.046	8.00	True	0.24
339	CO-39	301.6	0.095	8.00	True	0.72
340	CO-40	116.0	0.036	8.00	True	1.68
341	CO-41	299.4	0.003	8.00	True	1.92
342	CO-42	364.5	0.090	8.00	True	2.16
343	CO-43	364.3	0.030	8.00	True	2.16
345	CO-45	108.6	0.098	8.00	True	0.00
346	CO-46	390.4	0.056	8.00	True	0.00
347	CO-47	273.8	0.009	8.00	True	0.00
348	CO-48	377.3	0.052	8.00	True	0.00
349	CO-49	374.8	0.117	8.00	True	0.00
350	CO-50	88.7	0.068	8.00	True	0.48
351	CO-51	175.8	0.011	8.00	True	0.48

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666

SewerModel11092020.stsw 12/30/2020

SewerGEMS [10.02.03.03] Page 1 of 57

### Conduit Table - Time: 0.00 hours

ID	Label	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Diameter (in)	Is Active?	Flow (gal/min)
254	CO-54	148.3		8.00	Truc	0.00
354	CO-54 CO-55	148.3	0.101	8.00	True	0.00
355		205.4	0.066	8.00	True	0.24
356	CO-56	205.4 245.7	0.129	8.00	True	3.12 3.12
357	CO-57	245.7 465.7	0.042	8.00	True	
358 359	CO-58 CO-59		0.079	8.00	True	3.12
	CO-60	383.1	0.062	8.00	True	3.12
360		24.0 463.0	0.056	8.00 8.00	True	0.00
361	CO-61	463.0 235.4	0.115 0.054	8.00	True	3.12
362	CO-62 CO-63				True	3.12
363		229.1 109.7	0.009 0.020	8.00 8.00	True	3.12
364	CO-64 CO-65				True	3.12
365		394.5	0.017	8.00	True	3.12
366	CO-66	398.1	0.065	8.00	True	3.12
367	CO-67	389.9	0.068	8.00	True	3.12
368	CO-68	360.4	0.049	8.00	True	3.12
369	CO-69	279.1	0.012	8.00	True	32.64
370	CO-70	183.5	0.139	8.00	True	32.64
371	CO-71	145.9	0.192	10.00	True	32.64
372	CO-72	217.1	0.003	10.00	True	32.64
373	CO-73	153.9	0.039	10.00	True	32.64
374	CO-74	181.3	0.009	10.00	True	41.04
375	CO-75	203.7	0.028	10.00	True	41.04
376	CO-76	429.6	0.057	8.00	True	23.04
377	CO-77	337.8	0.095	8.00	True	23.52
378	CO-78	137.7	0.083	8.00	True	23.52
379	CO-79	159.0	0.043	8.00	True	23.52
380	CO-80	95.8	0.016	8.00	True	23.52
381	CO-81	278.3	0.012	8.00	True	23.52
382	CO-82	267.3	0.007	8.00	True	23.52
383	CO-83	215.6	0.005	8.00	True	23.52
384	CO-84	77.7	0.013	8.00	True	24.00
385	CO-85	42.2	0.006	8.00	True	24.00
386	CO-86	191.3	0.034	8.00	True	24.00
391	CO-88	23.1	0.009	8.00	True	0.00
394	CO-91	35.4	0.028	8.00	True	24.00
414	CO-92(1)	388.7	0.015	8.00		26.64
415	CO-92(2)	195.3	0.048	8.00	True	29.04
396	CO-93	54.6	0.192	8.00	True	29.28
397	CO-94	233.5	0.198	8.00	True	29.28
398	CO-95	63.1	0.034	8.00	True	29.28
399	CO-96	102.3	0.050	8.00	True	29.28
400	CO-97	296.5	0.067	8.00	True	29.28
401	CO-98	332.4	0.149	8.00	True	29.28
402	CO-99	258.5	0.136	8.00	True	29.28
403	CO-100	206.3	0.058	8.00	True	29.28
406	CO-103	44.6	0.196	8.00	True	0.24

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666

SewerGEMS [10.02.03.03] Page 2 of 57

SewerModel11092020.stsw 12/30/2020

### Conduit Table - Time: 0.00 hours

ID	Label	Length (Scaled)	Slope (Calculated)	Diameter (in)	Is Active?	Flow (gal/min)
		(ft)	(ft/ft)			
407	CO-104	170.3	0.056	8.00	True	0.00
408	CO-105	282.4	0.011	8.00	True	0.24
409	CO-106	44.1	0.023	8.00	True	0.48
410	CO-107	45.3	0.020	8.00	True	0.72
411	CO-108	244.9	0.075	8.00	True	0.96
412	CO-109	179.9	0.070	8.00	True	2.40
416	CO-110	36.9	0.059	8.00	True	2.40
417	CO-111	207.4	0.069	8.00	True	0.00
418	CO-112	186.7	0.152	8.00	True	0.00
419	CO-113	138.9	0.171	8.00	True	0.00
420	CO-114	375.9	0.081	8.00	True	0.48
421	CO-115	358.2	0.071	8.00	True	1.68
422	CO-116	97.9	0.130	8.00	True	2.64
423	CO-117	290.3	0.083	8.00	True	0.00
424	CO-118	181.2	0.108	8.00	True	0.24
425	CO-119	163.0	0.192	8.00	True	0.72
427	CO-120	92.7	0.012	8.00	True	5.76
428	CO-121	101.8	0.012	8.00	True	6.00
429	CO-122	62.9	0.014	8.00	True	6.48
430	CO-123	373.9	0.057	8.00	True	6.96
431	CO-124	100.5	0.052	8.00	True	7.20
432	CO-125	168.9	0.065	8.00	True	7.68
433	CO-126	128.9	0.065	8.00	True	7.68
434	CO-127	18.7	0.060	8.00	True	7.68
435	CO-128	186.0	0.212	8.00	True	7.68
436	CO-129	248.3	0.199	8.00	True	8.40
437	CO-130	273.6	0.172	8.00	True	8.40
438	CO-131	166.4	0.142	8.00	True	8.40
439	CO-132	201.4	0.082	8.00	True	0.96
440	CO-133	21.9	0.007	8.00	True	1.44
441	CO-134	412.7	0.076	8.00	True	5.76
442	CO-135	583.5	0.102	8.00	True	4.32
443	CO-136	78.8	0.048	8.00	True	0.48
444	CO-137	374.6	0.018	8.00	True	0.48
445	CO-138	112.3	0.042	8.00	True	4.56
446	CO-139	272.0	0.198		True	10.32
447	CO-140	252.5	0.006	8.00	True	0.00
448	CO-141	107.4	0.020	8.00	True	0.96
449	CO-142	304.6	0.075	8.00	True	1.53
450	CO-143	36.9	0.155	8.00	True	2.37
451	CO-144	206.7	0.004	8.00	True	0.48
452	CO-145	146.4	0.072	8.00	True	1.44
453	CO-146	109.6	0.046	8.00	True	1.92
454	CO-147	253.4	0.065	8.00	True	2.47
455	CO-148	51.9	0.505	8.00	True	4.46
456	CO-149	21.5	0.033	8.00	True	4.56

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666

SewerModel11092020.stsw 12/30/2020

SewerGEMS [10.02.03.03] Page 3 of 57

#### Conduit Table - Time: 0.00 hours

ID	Label	Length (Scaled)	Slope (Calculated)	Diameter (in)	Is Active?	Flow (gal/min)
		(ft)	(ft/ft)	(")		(gui/min)
457	CO-150	170.5	0.004	8.00	True	4.52
458	CO-151	139.6	0.004	8.00	True	5.00
460	CO-153	24.9	0.040	8.00	True	1.12
461	CO-154	272.7	0.066	8.00	True	0.00
462	CO-155	71.3	0.070	8.00	True	0.00
463	CO-156	187.5	0.052	8.00	True	0.00
464	CO-157	59.8	0.004	8.00	True	0.00
465	CO-158	274.5	0.006	8.00	True	0.00
466	CO-159	134.5	0.003	8.00	True	0.00
467	CO-160	178.9	0.041	8.00	True	0.00
468	CO-161	104.7	0.020	8.00	True	0.00
469	CO-162	120.2	0.010	8.00	True	0.00
471	CO-163	243.0	0.005	12.00	True	0.00
474	CO-164	154.9	0.004	8.00	True	0.00
475	CO-165	158.0	0.004	8.00	True	0.00
476	CO-166	186.7	0.004	8.00	True	0.00
477	CO-167	178.1	0.004	8.00	True	0.00
478	CO-168	41.3	0.061	8.00	True	0.00
479	CO-169	126.3	0.103	8.00	True	0.00
480	CO-170	158.1	0.096	8.00	True	3.36
481	CO-171	199.5	0.062	8.00	True	3.36
482	CO-172	63.7	0.078	8.00	True	3.36
483	CO-173	322.6	0.073	8.00	True	3.36
484	CO-174	372.2	0.004	8.00	True	3.36
485	CO-175	161.6	0.005	8.00	True	0.48
486	CO-176	202.0	0.010	8.00	True	1.44
487	CO-177	149.0	0.004	8.00	True	2.44
488	CO-178	145.4	0.004	8.00	True	3.36
489	CO-179	103.1	0.004	8.00	True	3.36
490	CO-180	125.4	0.004	8.00	True	0.00
491	CO-181	135.0	0.004	8.00	True	0.00
492	CO-182	149.1	0.004	8.00	True	0.00
493	CO-183	175.0	0.004	8.00	True	0.00
494	CO-184	130.8	0.004	8.00	True	0.00
495	CO-185	169.5	0.111	8.00	True	0.00
499	CO-186	73.1	0.029	8.00		3.36
528	CO-191	148.8	0.198	8.00	True	1.20
627	CO-192(1)	92.2	0.107	8.00	True	1.20
628	CO-192(2)	454.9	0.065	8.00	True	1.20
548	CO-193(1)	238.0	0.023	8.00	True	1.20
549	CO-193(2)	430.0	0.029	8.00	True	4.32
531	CO-194	381.5	0.108	8.00	True	0.00
532	CO-195	400.8	0.105	8.00	True	0.00
533	CO-196	214.5	0.070	8.00	True	0.24
534	CO-197	822.4	0.114	8.00	True	0.24
535	CO-198	207.3	0.022	8.00	True	0.00

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666

SewerModel11092020.stsw 12/30/2020 SewerGEMS [10.02.03.03] Page 4 of 57

#### Conduit Table - Time: 0.00 hours

ID	Label	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Diameter (in)	Is Active?	Flow (gal/min)
536	CO-199	140.7	0.018	8.00	True	0.00
537	CO-200	811.7	0.073	8.00	True	0.00
538	CO-201	399.7	0.075	8.00	True	0.24
539	CO-202	405.4	0.090	8.00	True	0.24
540	CO-203	408.5	0.098	8.00	True	0.00
541	CO-204	312.6	0.037	8.00	True	0.00
542	CO-205	351.8	0.045	8.00	True	0.96
543	CO-206	379.0	0.057	8.00	True	2.26
544	CO-207	373.5	0.093	8.00	True	2.98
545	CO-208	146.7	0.096	8.00	True	3.22
546	CO-209	368.4	0.021	8.00	True	3.22
550	CO-210	646.6	0.120	8.00	True	3.22
553	CO-211	80.9	0.055	8.00	False	(N/A)
554	CO-212	108.5	0.102	8.00	False	(N/A)
555	CO-213	232.6	0.049	8.00	False	(N/A)
556	CO-214	342.6	0.052	12.00	True	0.00
557	CO-215	212.1	0.036	12.00	True	0.00
558	CO-216	167.6	0.022	12.00	True	0.00
563	CO-218	454.3	0.034	8.00	True	0.00
564	CO-219	140.3	0.067	8.00	True	0.00
566	CO-221	259.6	0.011	8.00	False	(N/A)
567	CO-222	99.9	0.100	8.00	False	(N/A)
568	CO-223	318.2	0.117	8.00	False	(N/A)
569	CO-224	188.3	0.044	8.00	False	(N/A)
570	CO-225	289.1	0.129	8.00	True	0.00
571	CO-226	236.6	0.045	8.00	True	0.00
572	CO-227	281.6	0.031	8.00	True	0.00
573	CO-228	167.4	0.141	8.00	True	0.00
574	CO-229	101.1	0.170	8.00	False	(N/A)
575	CO-230	102.4	0.154	8.00	False	(N/A)
576	CO-231	134.4	0.064	8.00	False	(N/A)
577	CO-232	360.6	0.046	8.00	False	(N/A)
578	CO-233	105.1	0.010	8.00	True	0.00
579	CO-234	137.1	0.007	8.00	True	0.00
580	CO-235	237.9	0.053	8.00	True	0.00
581	CO-236	93.6	0.157	8.00	True	0.00
582	CO-237	94.8	0.163	8.00	True	0.00
583	CO-238	73.5	0.052	8.00	True	0.00
1495	CO-239(1)	20.9	0.016	8.00	True	0.00
1496	CO-239(2)	93.6	0.021	12.00	True	49.44
587	CO-240	146.3	0.009	12.00	True	49.44
588	CO-241	34.7	0.100	12.00	True	49.44
589	CO-242	100.2	0.153	12.00	True	49.44
590	CO-243	98.3	0.010	8.00	True	0.00
591	CO-244	88.8	0.006	8.00	True	0.00
592	CO-245	117.5	0.011	8.00	True	0.00

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666

SewerGEMS [10.02.03.03] Page 5 of 57

SewerModel11092020.stsw 12/30/2020

#### Conduit Table - Time: 0.00 hours

ID	Label	Length (Scaled) (ft)	Slope (Calculated) (ft/ft)	Diameter (in)	Is Active?	Flow (gal/min)
593	CO-246	259.7	0.014	8.00	True	0.00
594	CO-240 CO-247	290.3	0.014	8.00	True	0.00
595	CO-247 CO-248	67.2	0.010	8.00	True	0.00
596	CO-248 CO-249	81.8	0.014	8.00	True	0.00
597	CO-249 CO-250	235.3	0.013	8.00	True	0.00
598	CO-250 CO-251	89.9	0.014	8.00	True	0.00
600	CO-251 CO-253	270.3	0.013	8.00	True	0.00
601	CO-255 CO-254	70.6	0.075	8.00	True	0.00
602	CO-255	82.3	0.064	8.00	True	0.00
607	CO-255 CO-257	283.5	0.004	12.00	True	164.22
1461	CO-258(2)	265.5	0.005	12.00	True	168.84
610	CO-258(2) CO-259	107.6	0.127	8.00	True	5.76
611	CO-260	217.9	0.043	8.00	True	13.92
612	CO-261	235.3	0.043	8.00	True	21.60
613	CO-261 CO-262	120.0	0.092	8.00	True	21.60
614	CO-262	99.1	0.092	8.00	True	0.00
615	CO-263 CO-264	99.1 91.7	0.059	8.00	True	2.40
616	CO-264 CO-265	214.5	0.005	8.00	True	2.40
617	CO-265	98.2	0.002	12.00	True	5.76
618	CO-266 CO-267	96.2 115.5	0.002	12.00	True	11.52
619	CO-267	115.5	0.098	12.00	True	20.16
620	CO-269	137.6	0.005	12.00	True	20.18
630	CO-209 CO-271	266.7	0.005	8.00	True	2.88
631	CO-271 CO-272	322.9	0.087	8.00	True	29.52
1153	CO-272 CO-274	122.8	0.048	8.00	True	0.48
1155	CO-274 CO-275	122.8	0.009	8.00	True	0.48
1202	CO-275 CO-281	224.9	0.086	8.00	True	0.48
1202	CO-281 CO-282	373.7	0.088	8.00	True	0.00
1203	CO-282 CO-283	180.3	0.073	8.00	True	0.00
1205	CO-283	96.7	0.005	8.00	True	0.00
1209	CO-285	242.2	0.003	8.00	True	0.48
1210	CO-285	242.2	0.076	8.00	True	0.00
1210	CO-280 CO-287	90.3	0.477	8.00	True	0.00
1212	CO-287	126.9	0.056	8.00	True	1.37
1212	CO-289	54.0	0.046	8.00	True	1.36
1213	CO-289 CO-290	107.5	0.040		True	1.93
		193.8	0.056	8.00		0.00
1215 1216	CO-291 CO-292	193.8	0.055	8.00	True True	0.00
		143.0	0.062	8.00		1.92
1218 1499	CO-293 CO-296	143.0	0.062	8.00	True True	2.04
1224	CO-296 CO-297	80.4	0.213	8.00	True	0.00
1225	CO-297 CO-298	143.3	0.087	8.00	True	0.00
1225	CO-298 CO-299	358.9	0.032	8.00	True	0.00
1220	CO-300	435.6	0.029	8.00	False	(N/A)
1229	CO-301	435.6 97.9	0.034	8.00	False	(N/A) (N/A)
1231	CO-301 CO-302	97.9 30.5	0.004		False	
1233	0-302	20.5	0.008	0.00		(N/A)

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666

SewerModel11092020.stsw 12/30/2020 27 Sier Watertow SewerGEMS [10.02.03.03] Page 6 of 57

#### Conduit Table - Time: 0.00 hours

ID	Label	Length (Scaled)	Slope (Calculated)	Diameter (in)	Is Active?	Flow (gal/min)
		(ft)	(ft/ft)			
1235	CO-303	118.6	0.010	8.00	False	(N/A)
1237	CO-304	184.2	0.007	8.00	False	(N/A)
1239	CO-305	105.4	0.013	8.00	False	(N/A)
1241	CO-306	307.6	0.066	8.00	False	(N/A)
1243	CO-307	77.9	0.505	8.00	False	(N/A)
1245	CO-308	451.3	0.037	8.00	False	(N/A)
1246	CO-309	169.0	0.006	8.00	False	(N/A)
1451	CO-311	758.8	0.070	8.00	True	0.00
1466	CO-313	2,345.2	0.026	12.00	True	0.00
1472	CO-316	580.5	0.062	12.00	True	20.16
1474	CO-317	419.0	0.115	12.00	True	0.00
1477	CO-318	48.4	0.021	12.00	True	20.16
1492	CO-319(1)	3,215.7	0.031	12.00	True	0.00
1493	CO-319(2)	564.2	0.009	12.00	True	49.44
1513	CO-326	663.1	0.065	8.00	False	(N/A)
1519	CO-327	745.1	0.001	8.00	True	0.00
1738	CO-329	2,320.4	0.052	12.00	False	(N/A)
Flow	Velocity	Material	Capacity (Full	Flow / Capacity	Invert (Start)	Invert (Stop)
(Maximum) (gal/min)	(ft/s)		Flow) (gal/min)	(Design) (%)	(ft)	(ft)
5.76	0.68	PVC	495.23	1.1	6,815.05	6,814.73
6.19	0.74	PVC	1,963.65	0.3	6,814.53	6,788.23
8.08	0.80	PVC	442.83	1.8	6,788.03	6,787.58
8.77	0.76	PVC	439.83	1.7	6,787.38	6,786.93
8.78	0.77	PVC	425.96	1.7	6,786.73	6,786.49
15.97	0.68	PVC	1,463.08	0.8	6,786.19	6,784.96
16.06	0.68	PVC	2,922.74	0.4	6,784.36	6,769.67
16.12	0.68	PVC	1,774.22	0.6	6,769.67	6,766.27
16.69	0.69	PVC	1,969.44	0.6	6,766.27	6,760.05
16.90	0.70	PVC	1,394.52	0.9	6,760.05	6,758.19
16.68	0.70	PVC	987.71	1.3	6,758.19	6,756.47
17.56	0.71	PVC	1,494.90	0.9	6,756.47	6,747.46
24.82	1.04	PVC	493.29	4.3	6,747.26	6,745.75
25.16	0.91	PVC	1,352.39	1.6	6,745.75	6,733.16
25.27	1.14	PVC	1,070.51	2.0	6,733.16	6,725.42
25.19	0.87	PVC	994.71	2.2	6,725.42	6,721.29
25.18	0.80	PVC	1,234.34	1.7	6,721.29	6,713.84
25.16	0.80	PVC	2,096.54	1.0	6,713.84	6,678.84
0.48	0.52	PVC	440.08	0.1	6,834.46	6,834.22
1.48	0.55	PVC	441.93	0.3	6,834.02	6,833.18
3.93	0.58	PVC	2,256.20	0.2	6,832.98	6,795.64
8.16	0.62	PVC	1,916.76	0.4	6,795.27	6,792.56
8.06	0.63	PVC	1,733.91	0.4	6,792.26	6,789.34
7.57	0.62	PVC	1,753.98	0.4	6,789.07	6,786.49
0.48	0.52		438.26	0.1	6,777.66	6,776.60
2.42			437.75	0.1		6,775.91
1 2.42	0.59	FVC	437.75	0.5	0,770.40	0,775.91

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666

SewerGEMS [10.02.03.03] Page 7 of 57

#### Conduit Table - Time: 0.00 hours

Flow (Maximum) (gal/min)	Velocity (ft/s)	Material	Capacity (Full Flow) (gal/min)	Flow / Capacity (Design) (%)	Invert (Start) (ft)	Invert (Stop) (ft)
3.37	0.62	PVC	433.90	0.8	6,775.71	6,775.36
4.36	0.59	PVC	1,817.65	0.8	6,775.16	6,768.91
5.09	0.60	PVC	2,083.56	0.2	6,768.59	6,758.21
5.31	0.60	PVC	1,991.26	0.2	6,757.85	6,755.05
5.33	0.60	PVC	2,396.23	0.2	6,754.68	6,748.04
5.41	0.65	PVC	2,390.23 549.07	1.0	6,747.75	6,747.46
0.00	0.00	PVC	1,539.62	0.0	6,724.25	6,723.22
0.00	0.00	PVC	1,518.41	0.0	6,723.22	6,704.36
0.72	0.53	PVC	2,167.92	0.0	6,704.36	6,675.84
1.70	0.55	PVC	1,336.63	0.0	6,675.84	6,671.67
1.96	0.62	PVC	357.55	0.1	6,671.67	6,670.90
2.19	0.55	PVC	2,112.40	0.5	6,670.90	6,638.18
2.19	0.55	PVC		0.1	6,638.18	
			1,213.42			6,627.39
0.00 0.00	0.00 0.00	PVC PVC	2,203.42 1,666.40	0.0 0.0	6,648.77 6,715.54	6,638.16 6,693.73
		PVC PVC				
0.00	0.00		677.77	0.0	6,693.73	6,691.20
0.00	0.00	PVC PVC	1,614.39	0.0	6,691.20	6,671.42
0.00	0.00		2,416.42	0.0	6,671.42	6,627.39
0.48	0.52	PVC	1,833.36	0.0	6,620.53	6,614.53
0.48	0.52	PVC	736.75	0.1	6,614.53	6,612.61
0.00	0.00	PVC	2,239.58	0.0	6,638.16	6,623.20
0.24	0.45	PVC	1,810.56	0.0	6,623.20	6,612.61
3.95	0.57	PVC	2,529.08	0.1	6,612.61	6,586.18
3.97	0.57	PVC PVC	1,442.20	0.2	6,586.18	6,575.90
4.04	0.57	PVC PVC	1,984.84	0.2	6,575.90	6,538.99
3.94	0.57		1,749.18	0.2	6,538.99	6,515.41
0.00	0.00	PVC	1,664.61	0.0	6,577.24	6,575.90
4.26	0.57	PVC PVC	2,386.22	0.1	6,515.41	6,462.37
4.95	0.57		1,642.15	0.2	6,462.37	6,449.60
4.06	0.57	PVC	658.79	0.5	6,449.60	6,447.60
4.02	0.57	PVC	1,000.59	0.3	6,447.60	6,445.39
4.04	0.57	PVC PVC	914.74	0.3	6,445.39 6,429.75	6,438.75
4.02	0.57	PVC PVC	1,798.68	0.2	6,438.75 6,412.84	6,412.84
4.00	0.57	PVC PVC	1,835.75	0.2	6,412.84	6,386.41
3.99	0.57 0.93		1,559.04 763.21	0.2 4.3	6,386.41 6 268 70	6,368.79 6,365.52
37.34		PVC			6,368.79	
37.25	0.93	PVC	2,623.96	1.2	6,365.52	6,340.10
38.57	0.93	PVC	5,599.97	0.6	6,340.10	6,312.10
37.24	0.93	PVC	736.24	4.4	6,312.10	6,311.38
37.24	0.93	PVC	2,534.17	1.3	6,311.38	6,305.33
56.97	1.03	PVC	1,223.27	3.4	6,305.33	6,303.67
56.99	1.03	PVC	2,132.99	1.9	6,303.67	6,298.00
26.65	0.82	PVC	1,676.85	1.4	6,678.84	6,654.54
27.15	0.94	PVC	2,168.24	1.1	6,654.54	6,622.59
27.22	0.83	PVC	2,025.43	1.2	6,622.59	6,611.23
27.19	0.83	PVC	1,468.62	1.6	6,611.23	6,604.33

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666

SewerGEMS [10.02.03.03] Page 8 of 57

#### Item # 3.

## **Existing Scenario - ADD**

#### Conduit Table - Time: 0.00 hours

Flow (Maximum) (gal/min)	Velocity (ft/s)	Material	Capacity (Full Flow) (gal/min)	Flow / Capacity (Design) (%)	Invert (Start) (ft)	Invert (Stop) (ft)
27.13	0.83	PVC	891.04	2.6	6,604.33	6,602.80
27.13	1.16	PVC	774.76	3.0	6,602.80	6,599.44
27.12	1.10	PVC	570.49	4.1	6,599.44	6,597.69
27.09	0.87	PVC	480.16	4.9	6,597.69	6,596.69
27.61	0.83	PVC	800.06	3.0	6,596.69	6,595.69
27.60	0.84	PVC	564.24	4.3	6,595.69	6,595.42
27.57	0.83	PVC	1,308.46	1.8	6,595.42	6,588.83
0.00	0.00	PVC	655.62	0.0	6,606.40	6,606.20
27.73	0.83	PVC	1,185.51	2.0	6,588.83	6,587.83
30.32	0.86	PVC	870.12	3.1	6,587.83	6,581.91
32.70	0.89	PVC	1,546.69	1.9	6,581.91	6,572.51
32.98	0.89	PVC	3,092.08	0.9	6,572.51	6,562.00
33.18	0.89	PVC	3,137.86	0.9	6,562.00	6,515.75
33.44	0.89	PVC	1,301.11	2.3	6,515.75	6,513.60
33.44	0.89	PVC	1,583.42	1.8	6,513.60	6,508.44
33.44	0.89	PVC	1,819.51	1.6	6,508.44	6,488.69
33.44	0.89	PVC	2,722.96	1.1	6,488.69	6,439.11
33.44	0.89	PVC	2,602.24	1.1	6,439.11	6,403.90
33.44	0.89	PVC	1,691.32	1.7	6,403.90	6,392.03
0.24	0.45	PVC	3,118.61	0.0	6,581.24	6,572.51
0.00	0.00	PVC	1,665.17	0.0	6,525.25	6,515.75
0.24	0.45	PVC	726.62	0.0	6,584.24	6,581.24
0.48	0.52	PVC	1,077.02	0.0	6,616.80	6,615.77
0.72	0.53	PVC	988.12	0.1	6,615.77	6,614.88
0.96	0.53	PVC	1,925.13	0.0	6,614.88	6,596.62
2.43	0.56	PVC	1,862.24	0.1	6,596.62	6,584.07
2.43	0.56	PVC	1,706.64	0.1	6,584.07	6,581.91
0.00	0.00	PVC	1,849.46	0.0	6,629.15	6,614.88
0.00	0.00	PVC	2,752.89	0.0	6,708.53	6,680.06
0.00	0.00	PVC	2,912.79	0.0	6,680.06	6,656.36
0.48	0.52	PVC	2,006.06	0.0	6,656.36	6,625.93
1.68	0.55	PVC	1,876.11	0.1	6,625.93	6,600.57
2.64	0.56	PVC	2,544.01	0.1	6,600.57	6,587.83
0.00	0.00	PVC	2,033.00	0.0	6,680.50	6,656.36
0.24	0.45	PVC	2,316.03	0.0	6,647.55	6,628.00
0.72	0.53	PVC	3,093.28	0.0	6,628.00	6,596.62
5.80	0.70	PVC	785.49	0.7	6,515.25	6,514.10
6.04	0.66	PVC	771.88	0.8	6,514.10	6,512.88
6.52	0.75	PVC	833.81	0.8	6,512.88	6,512.00
7.00	0.69	PVC	1,681.91	0.4	6,512.00	6,490.72
18.67	0.70	PVC	1,614.71	0.4	6,490.52	6,485.25
19.15	0.71	PVC	1,795.96	0.4	6,485.25	6,474.29
19.15	0.71	PVC	1,798.75	0.4	6,474.29	6,465.90
19.15	0.71	PVC	1,723.55	0.4	6,465.90	6,464.78
19.15	0.63	PVC	3,244.15	0.2	6,464.78	6,425.40
19.87	0.64	PVC	3,144.92	0.3	6,425.40	6,376.00

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666

SewerGEMS [10.02.03.03] Page 9 of 57

#### **Existing Scenario - ADD** 0 00 L \_\_\_\_ S

Flow (Maximum) (gal/min)	Velocity (ft/s)	Material	Capacity (Full Flow) (gal/min)	Flow / Capacity (Design) (%)	Invert (Start) (ft)	Invert (Stop) (ft)
19.87	0.65	PVC	2,922.36	0.3	6,376.00	6,329.00
19.87	0.66	PVC	2,659.25	0.3	6,329.00	6,305.33
0.96	0.53	PVC	2,018.66	0.0	6,563.56	6,547.05
1.47	0.54	PVC	602.11	0.2	6,546.85	6,546.69
5.80	0.64	PVC	1,939.84	0.3	6,546.49	6,515.25
4.32	0.60	PVC	2,249.15	0.2	6,608.08	6,548.70
0.48	0.52	PVC	1,544.34	0.0	6,564.01	6,560.23
0.48	0.52	PVC	942.24	0.1	6,560.03	6,553.34
4.56	0.59	PVC	1,439.22	0.3	6,553.14	6,548.46
11.35	0.66	PVC	3,139.98	0.3	6,548.06	6,494.12
11.52	0.00	PVC	537.91	0.0	6,492.19	6,490.72
0.96	0.53	PVC	1,008.92	0.1	6,584.40	6,582.20
1.53	0.59	PVC	1,926.45	0.1	6,582.00	6,559.26
2.37	0.56	PVC	2,775.17	0.1	6,559.26	6,553.54
0.48	0.52	PVC	441.39	0.1	6,612.81	6,612.00
1.44	0.54	PVC	1,897.33	0.1	6,611.80	6,601.20
1.92	0.55	PVC	1,506.00	0.1	6,601.00	6,596.00
2.47	0.62	PVC	1,799.06	0.1	6,596.00	6,579.50
4.46	0.59	PVC	5,010.42	0.1	6,579.00	6,552.79
4.56	0.59	PVC	1,272.07	0.4	6,550.79	6,550.09
4.52	0.65	PVC	441.96	1.0	6,549.89	6,549.22
5.00	0.65	PVC	446.56	1.1	6,549.02	6,548.46
1.12	0.54	PVC	1,411.93	0.1	6,495.12	6,494.12
0.00	0.00	PVC	1,805.72	0.0	6,345.67	6,327.78
0.00	0.00	PVC	1,866.69	0.0	6,327.48	6,322.48
0.00	0.00	PVC	1,601.23	0.0	6,322.18	6,312.51
0.00	0.00	PVC	427.47	0.0	6,312.31	6,312.09
0.00	0.00	PVC	524.68	0.0	6,311.89	6,310.37
0.00	0.00	PVC	369.86	0.0	6,310.37	6,310.00
0.00	0.00	PVC	1,431.80	0.0	6,310.00	6,302.62
0.00	0.00	PVC	1,003.49	0.0	6,302.62	6,300.50
0.00	0.00	PVC	713.25	0.0	6,300.50	6,299.27
0.00	0.00	PVC	1,502.76	0.0	6,299.27	6,298.00
0.00	0.00	PVC	438.80	0.0	6,342.19	6,341.59
0.00	0.00	PVC	438.09	0.0	6,341.39	6,340.78
0.00	0.00	PVC	440.82	0.0	6,340.58	6,339.85
0.00	0.00	PVC	438.82	0.0	6,339.65	6,338.96
0.00	0.00	PVC	1,744.62	0.0	6,338.76	6,336.23
0.00	0.00	PVC	2,258.03	0.0	6,336.03	6,323.08
3.65	0.57	PVC	2,179.48	0.2	6,322.48	6,307.37
3.63	0.57	PVC	1,760.39	0.2	6,306.77	6,294.33
3.60	0.57	PVC	1,974.89	0.2	6,294.03	6,289.03
3.60	0.57	PVC	1,904.15	0.2	6,288.73	6,265.20
3.66	0.57	PVC	443.06	0.8	6,264.80	6,263.33
0.48	0.52	PVC	502.29	0.1	6,327.63	6,326.81
1.46	0.54	PVC	701.53	0.2	6,326.81	6,324.81

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666

SewerGEMS [10.02.03.03] Page 10 of 57

#### Conduit Table - Time: 0.00 hours

Flow (Maximum)	Velocity (ft/s)	Material	Capacity (Full Flow)	Flow / Capacity (Design)	Invert (Start) (ft)	Invert (Stop) (ft)
(gal/min)			(gal/min)	(%)		
2.44	0.59	PVC	436.03	0.6	6,324.61	6,324.04
3.36	0.60	PVC	441.44	0.8	6,323.84	6,323.27
3.36	0.62	PVC	433.73	0.8	6,323.07	6,322.68
0.00	0.00	PVC	436.20	0.0	6,310.53	6,310.05
0.00	0.00	PVC	437.63	0.0	6,309.85	6,309.33
0.00	0.00	PVC	439.69	0.0	6,309.13	6,308.55
0.00	0.00	PVC	439.55	0.0	6,308.35	6,307.67
0.00	0.00	PVC	435.98	0.0	6,307.47	6,306.97
0.00	0.00	PVC	2,344.95	0.0	6,282.38	6,263.63
3.64	0.57	PVC	1,203.60	0.3	6,263.13	6,261.00
1.20	0.54	PVC	3,135.33	0.0	6,739.25	6,709.82
1.20	0.54	PVC	2,301.01	0.1	6,709.82	6,700.00
1.20	0.54	PVC	1,797.82	0.1	6,700.00	6,670.42
1.20	0.54	PVC	1,072.69	0.1	6,670.42	6,664.91
4.32	0.64	PVC	1,191.44	0.4	6,664.91	6,652.63
0.00	0.00	PVC	2,320.02	0.0	6,836.26	6,794.95
0.00	0.00	PVC	2,284.80	0.0	6,794.95	6,752.86
0.24	0.45	PVC	1,870.67	0.0	6,847.77	6,832.67
0.24	0.45	PVC	2,376.25	0.0	6,832.67	6,739.25
0.00	0.00	PVC	1,054.85	0.0	6,909.83	6,905.19
0.00	0.00	PVC	934.11	0.0	6,909.83	6,907.36
0.00	0.00	PVC	1,910.33	0.0	6,907.36	6,847.77
0.24	0.45	PVC	1,928.64	0.0	6,828.54	6,798.63
0.24	0.45	PVC	2,115.29	0.0	6,865.03	6,828.54
0.00	0.00	PVC	2,210.68	0.0	6,905.19	6,865.03
0.00	0.00	PVC	1,355.81	0.0	6,847.77	6,836.21
0.96	0.53	PVC	1,500.85	0.1	6,836.21	6,820.27
2.26	0.63	PVC	1,684.80	0.1	6,820.27	6,798.63
2.98	0.58	PVC	2,146.85	0.1	6,798.63	6,764.00
3.22	0.57	PVC	2,185.09	0.1	6,764.00	6,749.91
3.22	0.60	PVC	1,011.35	0.3	6,749.91	6,742.33
3.22	0.57	PVC	2,439.67	0.1	6,742.33	6,664.91
(N/A)	(N/A)	PVC	1,659.40	(N/A)	6,416.84	6,412.36
(N/A)	(N/A)	PVC	2,256.23	(N/A)	6,412.06	6,400.95
(N/A)	(N/A)	PVC	1,552.79	(N/A)	6,400.65	6,389.37
0.00	0.00	PVC	4,757.87	0.0	6,532.81	6,514.86
0.00	0.00	PVC	3,955.98	0.0	6,514.86	6,507.18
0.00	0.00	PVC	3,108.94	0.0	6,507.18	6,503.43
0.00	0.00	PVC	1,299.73	0.0	6,560.83	6,545.39
0.00	0.00	PVC	1,829.88	0.0	6,545.39	6,535.94
(N/A)	(N/A)	PVC	734.82	(N/A)	6,666.41	6,663.59
(N/A)	(N/A) (N/A)	PVC	2,224.21	(N/A)	6,663.59	6,653.65
(N/A) (N/A)	(N/A) (N/A)	PVC	2,416.48	(N/A) (N/A)	6,653.65	6,616.27
(N/A) (N/A)	(N/A) (N/A)	PVC	1,486.28	(N/A) (N/A)	6,616.27	6,607.90
0.00	0.00	PVC	2,536.44	0.0	6,607.90	6,570.48
0.00	0.00		1,495.71	0.0	6,570.48	6,559.83
1 0.00	0.00		1,755./1	0.0	0,070.40	0,00,000

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666

SewerGEMS [10.02.03.03] Page 11 of 57

#### **Existing Scenario - ADD** 0 00 L **T**:----S

Conduit Table - Time: 0.00 hour

Flow (Maximum)	Velocity (ft/s)	Material	Capacity (Full Flow)	Flow / Capacity (Design)	Invert (Start) (ft)	Invert (Stop) (ft)
(gal/min)			(gal/min)	(%)		
0.00	0.00	PVC	1,237.85	0.0	6,559.83	6,551.15
1.41	0.00	PVC	2,651.71	0.0	6,551.15	6,527.47
(N/A)	(N/A)	PVC	2,902.97	(N/A)	6,649.16	6,632.02
(N/A)	(N/A)	PVC	2,765.57	(N/A)	6,632.02	6,616.27
(N/A)	(N/A)	PVC	1,781.16	(N/A)	6,678.72	6,670.14
(N/A)	(N/A)	PVC	1,507.68	(N/A)	6,670.14	6,653.65
0.00	0.00	PVC	687.60	0.0	6,599.70	6,598.70
0.00	0.00	PVC	602.12	0.0	6,598.70	6,597.70
0.00	0.00	PVC	1,623.96	0.0	6,597.70	6,585.08
0.00	0.00	PVC	2,794.37	0.0	6,585.08	6,570.38
0.00	0.00	PVC	2,842.26	0.0	6,570.38	6,554.97
0.00	0.00	PVC	1,607.07	0.0	6,554.97	6,551.15
0.00	0.00	PVC	899.57	0.0	6,323.07	6,322.73
51.67	1.13	PVC	3,038.13	1.6	6,322.73	6,320.73
51.63	1.13	PVC	1,982.26	2.5	6,320.73	6,319.40
51.64	1.13	PVC	6,575.95	0.8	6,319.40	6,315.93
51.68	1.13	PVC	8,139.35	0.6	6,315.93	6,300.57
0.00	0.00	PVC	711.20	0.0	6,301.57	6,300.57
0.00	0.00	PVC	549.84	0.0	6,302.31	6,301.77
0.00	0.00	PVC	738.81	0.0	6,303.80	6,302.51
0.00	0.00	PVC	832.36	0.0	6,307.62	6,304.00
0.00	0.00	PVC	714.32	0.0	6,310.80	6,307.82
0.00	0.00	PVC	825.23	0.0	6,311.92	6,311.00
0.00	0.00	PVC	806.44	0.0	6,313.19	6,312.12
0.00	0.00	PVC	836.28	0.0	6,316.70	6,313.39
0.00	0.00	PVC	876.63	0.0	6,318.29	6,316.90
0.00	0.00	PVC	816.99	0.0	6,325.31	6,321.68
0.00	0.00	PVC	1,934.80	0.0	6,330.83	6,325.51
0.00	0.00	PVC	1,785.58	0.0	6,336.31	6,331.03
520.53	1.13	PVC	2,102.48	7.8	6,298.47	6,295.57
535.71	2.27	PVC	1,482.68	11.4	6,299.57	6,298.47
5.76	0.62	PVC	2,516.59	0.2	6,386.42	6,372.71
13.99	0.87	PVC	1,459.63	1.0	6,364.54	6,355.20
21.67	1.05	PVC	1,826.85	1.2	6,355.00	6,339.20
29.35	1.15	PVC	2,134.76	1.4	6,339.00	6,328.00
0.00	0.00		1,705.61	0.0	6,380.00	6,374.20
2.41	0.56	PVC	1,772.78	0.1	6,374.00	6,368.20
2.46	0.56	PVC	895.44	0.3	6,368.00	6,364.54
5.78	0.63	PVC	938.19	0.6	6,377.70	6,377.50
11.56	0.68	PVC	6,502.52	0.2	6,377.50	6,366.20
20.17	1.02	PVC	1,655.61	1.2	6,366.00	6,365.00
2.88	0.63	PVC	1,398.77	0.2	6,378.51	6,377.70
33.68	0.90	PVC	2,081.28	1.4	6,392.03	6,368.79
3.08	0.60	PVC	1,508.32	0.1	6,627.39	6,612.61
0.48	0.52	PVC	670.39	0.1	6,585.71	6,584.60
0.48	0.52	PVC	1,335.65	0.0	6,584.00	6,579.50

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666

SewerGEMS [10.02.03.03] Page 12 of 57

Flow (Maximum) (gal/min)	Velocity (ft/s)	Material	Capacity (Full Flow) (gal/min)	Flow / Capacity (Design) (%)	Invert (Start) (ft)	Invert (Stop) (ft)
0.00	0.00	PVC	2,069.27	0.0	6,422.99	6,403.62
0.00	0.00	PVC	1,907.65	0.0	6,403.62	6,376.26
0.00	0.00	PVC	1,572.53	0.0	6,376.06	6,367.09
0.48	0.52	PVC	491.65	0.1	6,367.56	6,367.09
0.00	0.00	PVC	1,559.45	0.0	6,441.84	6,429.99
0.00	0.00	PVC	1,945.60	0.0	6,429.99	6,410.89
0.00	0.00	PVC	4,871.30	0.0	6,410.89	6,367.76
1.37	0.54	PVC	1,675.62	0.1	6,366.89	6,359.72
1.36	0.54	PVC	1,507.24	0.1	6,359.52	6,357.05
1.93	0.55	PVC	798.99	0.2	6,356.85	6,355.47
0.00	0.00	PVC	1,665.94	0.0	6,375.02	6,364.20
0.00	0.00	PVC	1,655.74	0.0	6,364.00	6,356.31
2.18	0.55	PVC	1,762.09	0.1	6,356.11	6,347.18
2.93	0.55	PVC	3,257.61	0.1	6,346.98	6,343.39
0.00	0.00	PVC	2,079.78	0.0	6,445.58	6,438.58
0.00	0.00	PVC	1,257.51	0.0	6,438.38	6,433.82
0.00	0.00	PVC	1,201.95	0.0	6,433.62	6,423.19
(N/A)	(N/A)	PVC	1,295.25	(N/A)	6,460.77	6,446.07
(N/A)	(N/A)	PVC	433.36	(N/A)	6,445.87	6,445.50
(N/A)	(N/A)	PVC	625.66	(N/A)	6,445.30	6,445.06
(N/A)	(N/A)	PVC	706.11	(N/A)	6,444.86	6,443.67
(N/A)	(N/A)	PVC	592.31	(N/A)	6,444.97	6,443.67
(N/A)	(N/A)	PVC	795.09	(N/A)	6,446.51	6,445.17
(N/A)	(N/A)	PVC	1,812.96	(N/A)	6,466.85	6,446.51
(N/A)	(N/A)	PVC	5,011.86	(N/A)	6,483.05	6,443.67
(N/A)	(N/A)	PVC	1,350.53	(N/A)	6,499.61	6,483.05
(N/A)	(N/A)	PVC	542.29	(N/A)	6,443.47	6,442.47
0.00	0.00		1,431.44	0.0	6,752.86	6,700.00
1.38	0.00		2,566.79	0.0	6,483.43	6,423.00
21.04	0.78		3,981.91	0.5	6,364.00	6,328.00
0.00	0.00	PVC	7,035.66	0.0	6,412.00	6,364.00
20.16	0.85	PVC	2,987.62	0.7	6,365.00	6,364.00
0.00	0.00		2,823.58	0.0	6,423.00	6,322.73
50.34	1.45		1,545.46	3.2	6,328.00	6,322.73
(N/A)	(N/A)	PVC	1,803.78	(N/A)	6,389.07	6,345.67
0.00	0.00	PVC	258.30	0.0	6,589.83	6,588.83
(N/A)	(N/A)	PVC	4,723.65	(N/A)	6,652.63	6,532.81

**Pressure Pipe Table - Time: 0.00 hours** 

ID	Label	Start Node	Stop Node	Has User Defined Length?	Length (User Defined) (ft)	Length (Scaled) (ft)
1158	P-11	SM-0	J-6	False	0.0	346.6
1179	P-20	J-8	J-9	False	0.0	105.1
1180	P-21	J-9	SM-81	False	0.0	220.1
1549	P-24	J-10	SM-261	False	0.0	1,024.4

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666 SewerGEMS [10.02.03.03] Page 13 of 57

Pressure	Pipe	Table -	Time:	0.00	hours
----------	------	---------	-------	------	-------

ID	Label	Start Node	Stop Node	Has User Defined Length?	Length (User Defined) (ft)	Length (Scaled) (ft)
1550	P-25	T-6	J-10	False	0.0	3,939.0
507	P-5	PMP-1	T-1	True	0.1	12.9
508	P-6	W-1	PMP-1	True	0.1	9.6
1506	P-22	W-8	PMP-9	True	0.1	9.7
1507	P-23	PMP-9	T-6	True	0.1	11.3
1564	P-4(2)	T-1	W-4	False	0.0	1,796.7
519	P-7	W-4	PMP-2	True	0.1	12.3
520	P-8	PMP-2	T-2	True	0.1	10.9
1552	P-26	MH-29	J-11	False	0.0	74.0
1553	P-27	J-11	SM-261	False	0.0	1,028.1
1560	P-28	J-12	J-11	False	0.0	3,961.3
1571	P-9(1)(1)	T-2	J-15	False	0.0	1,519.3
1572	P-9(1)(2)	J-15	J-12	False	0.0	2,008.4
1573	P-29	T-1	J-15	False	0.0	76.6
Is Active?	Diameter (in)	Flow (gal/min)	Velocity (ft/s)	Headloss (ft)	Notes	Material
True	2.08	0.00	0.00	2.04	DR 17	Ductile Iron
True	2.08	0.00	0.00	0.00	DR 17	Ductile Iron
True	2.08	3.36	0.32	0.07	DR 17	Ductile Iron
True	3.79	0.00	0.00	0.00	DR 17	Ductile Iron
True	3.79	0.00	0.00	0.00	DR 17	Ductile Iron
True	3.94	(N/A)	(N/A)	0.00	DR 17	Ductile Iron
True	3.94	(N/A)	(N/A)	0.00	DR 17	Ductile Iron
True	3.94	(N/A)	(N/A)	0.00	DR 17	Ductile Iron
True	3.94	(N/A)	(N/A)	0.00	DR 17	Ductile Iron
True	3.94	250.16	6.58	79.38	DR 17	Ductile Iron
True	5.80	(N/A)	(N/A)	0.00	DR 17	Ductile Iron
True	5.80	(N/A)	(N/A)	0.00	DR 17	Ductile Iron
True	5.80	1.20	0.01	0.00	DR 17	Ductile Iron
True	5.80	398.54	4.84	16.37	DR 17	Ductile Iron
True	5.80	397.34	4.82	62.72	DR 17	Ductile Iron
True	5.80	397.34	4.82	24.05	DR 17	Ductile Iron
True	5.80	397.34	4.82	31.80	DR 17	Ductile Iron
False	5.80	(N/A)	(N/A)	-33.64	DR 17	Ductile Iron

Manhole Table - Time: 0.00 hours

ID	Label	Elevation (Ground) (ft)	Elevation (Invert) (ft)	Sanitary Loads	Notes
112	SM-245	6,411.65	6,400.65	<collection: 0="" items=""></collection:>	
114	SM-246	6,422.06	6,412.06	<collection: 0="" items=""></collection:>	
116	SM-247	6,427.84	6,416.84	<collection: 0="" items=""></collection:>	
207	SM-173	6,621.27	6,616.27	<collection: 0="" items=""></collection:>	
219	SM-175	6,652.02	6,632.02	<collection: 0="" items=""></collection:>	
222	SM-176	6,654.16	6,649.16	<collection: 0="" items=""></collection:>	
224	SM-153	6,658.65	6,653.65	<collection: 0="" items=""></collection:>	

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666 SewerGEMS [10.02.03.03] Page 14 of 57

#### Manhole Table - Time: 0.00 hours

ID	Label	Elevation	Elevation	Sanitary Loads	Notes
		(Ground)	(Invert)		
		(ft)	(ft)		
227	SM-154	6,668.59	6,663.59	<collection: 0="" items=""></collection:>	
228	SM-155	6,671.41	6,663.59	<collection: 0="" items=""></collection:>	
229	SM-152	6,675.14	6,670.14	<collection: 0="" items=""></collection:>	
235	SM-151	6,683.72	6,678.72	<collection: 0="" items=""></collection:>	
1196	MH-40	6,448.05	6,425.00	<collection: 0="" items=""></collection:>	
1227	MH-15	6,469.05	6,460.77	<collection: 0="" items=""></collection:>	
1228	MH-16	6,453.96	6,445.87	<collection: 0="" items=""></collection:>	
1230	MH-17	6,452.65	6,445.30	<collection: 0="" items=""></collection:>	
1232	MH-18	6,452.12	6,444.86	<collection: 0="" items=""></collection:>	
1234	MH-19	6,451.33	6,443.47	<collection: 0="" items=""></collection:>	
1236	MH-20	6,452.23	6,444.97	<collection: 0="" items=""></collection:>	
1238	MH-21	6,453.25	6,446.51	<collection: 0="" items=""></collection:>	
1240	MH-22	6,472.86	6,466.85	<collection: 0="" items=""></collection:>	
1242	MH-23	6,504.76	6,483.05	<collection: 0="" items=""></collection:>	
1244	MH-24	6,504.61	6,499.61	<collection: 0="" items=""></collection:>	
1512	MH-49	6,400.07	6,389.07	<collection: 0="" items=""></collection:>	
30	SM-224	6,283.00	6,263.13	<collection: 0="" items=""></collection:>	
31	SM-225	6,279.39	6,264.80	<collection: 0="" items=""></collection:>	
32	SM-223	6,292.38	6,282.38	<collection: 0="" items=""></collection:>	
33	SM-226	6,298.73	6,288.73	<collection: 0="" items=""></collection:>	
35	SM-227	6,304.03	6,294.03	<collection: 0="" items=""></collection:>	
36	SM-211	6,304.27	6,279.27	<collection: 0="" items=""></collection:>	
37	SM-213	6,307.62	6,282.62	<collection: 0="" items=""></collection:>	
38	SM-254	6,326.36	6,313.19	<collection: 0="" items=""></collection:>	
39	SM-68	6,309.64	6,303.67	<collection: 0="" items=""></collection:>	
41	SM-15	6,310.58	6,305.33	<collection: 0="" items=""></collection:>	
42	SM-212	6,311.10	6,286.10	<collection: 0="" items=""></collection:>	
43	SM-260	6,313.91	6,301.57	<collection: 0="" items=""></collection:>	
44	SM-261	6,312.00	6,299.57	<collection: 0="" items=""></collection:>	
45	SM-16	6,319.44	6,311.38	<collection: 0="" items=""></collection:>	
46	SM-253	6,329.47	6,316.70	<collection: 0="" items=""></collection:>	
47	SM-17	6,320.42	6,312.10	<collection: 0="" items=""></collection:>	
48	SM-230	6,318.18	6,308.35	<collection: 0="" items=""></collection:>	
49	SM-258	6,316.73	6,303.80	<collection: 0="" items=""></collection:>	
50	SM-182	6,314.18	6,298.47	<collection: 0="" items=""></collection:>	
51	SM-217	6,321.31	6,295.52	<collection: 0="" items=""></collection:>	
52	SM-229	6,318.67	6,307.47	<collection: 0="" items=""></collection:>	
53	SM-180	6,320.93	6,315.93	<collection: 0="" items=""></collection:>	
54	SM-214	6,321.01	6,296.01	<collection: 0="" items=""></collection:>	
55	SM-222	6,319.91	6,309.85	<collection: 0="" items=""></collection:>	
56	SM-259	6,323.39	6,302.31	<collection: 0="" items=""></collection:>	
57	SM-178	6,325.73	6,320.73	<collection: 0="" items=""></collection:>	
58	SM-228	6,323.41	6,306.77	<collection: 0="" items=""></collection:>	
59	SM-231	6,318.56	6,309.13	<collection: 0="" items=""></collection:>	
60	SM-252	6,331.73	6,318.29	<collection: 0="" items=""></collection:>	
61	SM-257	6,320.30	6,307.62	<collection: 0="" items=""></collection:>	

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666

SewerGEMS [10.02.03.03] Page 15 of 57

#### Manhole Table - Time: 0.00 hours

	ID	Label	Elevation (Ground) (ft)	Elevation (Invert) (ft)	Sanitary Loads	Notes
6	2	SM-177	6,328.07	6,323.07	<collection: 0="" items=""></collection:>	
6		SM-179	6,328.40	6,319.40	<collection: 0="" items=""></collection:>	
6		SM-221	6,318.80	6,310.53	<collection: 0="" items=""></collection:>	
6		SM-216	6,324.41	6,311.89	<collection: 0="" items=""></collection:>	
6		SM-215	6,330.83	6,305.83	<collection: 0="" items=""></collection:>	
6		SM-234	6,334.91	6,323.84	<collection: 1="" item=""></collection:>	
6		SM-218	6,332.18	6,322.18	<collection: 0="" items=""></collection:>	
7		SM-250	6,339.76	6,325.31	<collection: 0="" items=""></collection:>	
7		SM-233	6,333.98	6,323.07	<collection: 0="" items=""></collection:>	
7		SM-255	6,325.31	6,311.92	<collection: 0="" items=""></collection:>	
7		SM-13	6,336.89	6,329.00	<collection: 0="" items=""></collection:>	
7		SM-219	6,337.48	6,327.48	<collection: 0="" items=""></collection:>	
7		SM-249	6,348.52	6,330.83	<collection: 0="" items=""></collection:>	
7		SM-232	6,334.25	6,322.48	<collection: 0="" items=""></collection:>	
7		SM-236	6,337.35	6,326.81	<collection: 1="" item=""></collection:>	
7		SM-220	6,337.12	6,327.63	<collection: 1="" item=""></collection:>	
8		SM-235	6,337.07	6,324.61	<collection: 1="" item=""></collection:>	
8		SM-256	6,324.13	6,310.80	<collection: 0="" items=""></collection:>	
8		SM-241	6,353.36	6,339.65	<collection: 0="" items=""></collection:>	
8		SM-263	6,353.66	6,339.00	<collection: 1="" item=""></collection:>	
8		SM-243	6,344.17	6,336.03	<collection: 0="" items=""></collection:>	
8		SM-238	6,349.26	6,342.19	<collection: 0="" items=""></collection:>	
8		SM-242	6,347.68	6,338.76	<collection: 0="" items=""></collection:>	
8		SM-239	6,354.15	6,341.39	<collection: 0="" items=""></collection:>	
9		SM-240	6,355.22	6,340.58	<collection: 0="" items=""></collection:>	
9	1	SM-237	6,355.67	6,345.67	<collection: 0="" items=""></collection:>	
9		SM-18	6,371.10	6,340.10	<collection: 0="" items=""></collection:>	
9		SM-262	6,369.76	6,355.00	<collection: 1="" item=""></collection:>	
9	4	SM-203	6,370.47	6,365.52	<collection: 0="" items=""></collection:>	
9	6	SM-193	6,375.45	6,368.79	<collection: 0="" items=""></collection:>	
9	7	SM-122	6,378.44	6,368.00	<collection: 0="" items=""></collection:>	
9	8	SM-123	6,380.55	6,364.54	<collection: 1="" item=""></collection:>	
9	9	SM-121	6,384.57	6,374.00	<collection: 1="" item=""></collection:>	
1	00	SM-119	6,379.95	6,366.00	<collection: 1="" item=""></collection:>	
1	01	SM-14	6,389.57	6,376.00	<collection: 0="" items=""></collection:>	
1	03	SM-116	6,390.03	6,378.51	<collection: 1="" item=""></collection:>	
1	04	SM-124	6,390.84	6,380.00	<collection: 0="" items=""></collection:>	
1	05	SM-204	6,392.37	6,386.41	<collection: 0="" items=""></collection:>	
1	06	SM-266	6,391.42	6,386.42	<collection: 1="" item=""></collection:>	
	07	SM-118	6,390.29	6,377.50	<collection: 1="" item=""></collection:>	
1	08	SM-117	6,394.86	6,377.70	<collection: 1="" item=""></collection:>	
1	09	SM-192	6,398.16	6,392.03	<collection: 1="" item=""></collection:>	
1	11	SM-70	6,408.90	6,403.90	<collection: 0="" items=""></collection:>	
1	13	SM-205	6,417.89	6,412.84	<collection: 0="" items=""></collection:>	
1	18	SM-6	6,442.65	6,425.40	<collection: 1="" item=""></collection:>	
1	19	SM-206	6,444.24	6,438.75	<collection: 0="" items=""></collection:>	

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666

SewerGEMS [10.02.03.03] Page 16 of 57

#### Manhole Table - Time: 0.00 hours

	ID	Label	Elevation (Ground) (ft)	Elevation (Invert) (ft)	Sanitary Loads	Notes
Ľ	120	SM-71	6,444.11	6,439.11	<collection: 0="" items=""></collection:>	
	121	SM-191	6,456.53	6,449.60	<collection: 0="" items=""></collection:>	
	122	SM-208	6,457.46	6,447.60	<collection: 0="" items=""></collection:>	
	123	SM-207	6,461.25	6,445.39	<collection: 0="" items=""></collection:>	
	124	SM-209	6,467.37	6,462.37	<collection: 0="" items=""></collection:>	
	125	SM-4	6,481.40	6,464.78	<collection: 0="" items=""></collection:>	
	126	SM-3	6,481.68	6,465.90	<collection: 0="" items=""></collection:>	
	127	SM-5	6,487.10	6,474.29	<collection: 0="" items=""></collection:>	
	128	SM-66	6,493.69	6,488.69	<collection: 0="" items=""></collection:>	
	129	SM-0	6,501.25	6,496.25	<collection: 0="" items=""></collection:>	
	130	SM-7	6,499.79	6,485.25	<collection: 1="" item=""></collection:>	
	131	SM-8	6,503.83	6,490.52	<collection: 1="" item=""></collection:>	
	132	SM-1	6,505.88	6,492.19	<collection: 0="" items=""></collection:>	
	136	SM-65	6,513.44	6,508.44	<collection: 0="" items=""></collection:>	
	137	SM-64	6,518.60	6,513.60	<collection: 0="" items=""></collection:>	
	139	SM-190	6,521.62	6,515.41	<collection: 0="" items=""></collection:>	
	140	SM-202	6,520.66	6,515.75	<collection: 0="" items=""></collection:>	
	141	SM-9	6,524.92	6,512.00	<collection: 1="" item=""></collection:>	
	142	SM-10	6,525.37	6,512.88	<collection: 1="" item=""></collection:>	
	143	SM-11	6,526.12	6,514.10	<collection: 1="" item=""></collection:>	
	144	SM-12	6,526.80	6,515.25	<collection: 0="" items=""></collection:>	
	145	SM-63	6,530.25	6,525.25	<collection: 0="" items=""></collection:>	
	147	SM-174	6,537.81	6,532.81	<collection: 0="" items=""></collection:>	
	148	SM-159	6,540.94	6,514.86	<collection: 0="" items=""></collection:>	
	149	SM-189	6,545.31	6,538.99	<collection: 0="" items=""></collection:>	
	150	SM-161	6,550.39	6,545.39	<collection: 0="" items=""></collection:>	
	151	SM-19	6,554.09	6,546.49	<collection: 0="" items=""></collection:>	
	152	SM-20	6,555.52	6,546.85	<collection: 1="" item=""></collection:>	
	153	SM-167	6,556.15	6,551.15	<collection: 0="" items=""></collection:>	
	154	SM-29	6,560.26	6,550.79	<collection: 0="" items=""></collection:>	
	155	SM-28	6,560.00	6,549.89	<collection: 0="" items=""></collection:>	
	156	SM-168	6,559.97	6,554.97	<collection: 0="" items=""></collection:>	
	157	SM-27	6,562.38	6,549.02	<collection: 1="" item=""></collection:>	
	158	SM-26	6,563.79	6,548.06	<collection: 1="" item=""></collection:>	
	159	SM-24	6,564.90	6,553.14	<collection: 1="" item=""></collection:>	
	160	SM-25	6,565.73	6,559.26	<collection: 1="" item=""></collection:>	
	161	SM-163	6,564.83	6,559.83	<collection: 0="" items=""></collection:>	
	162	SM-172	6,565.83	6,560.83	<collection: 0="" items=""></collection:>	
	163	SM-23	6,571.53	6,560.03	<collection: 0="" items=""></collection:>	
	164	SM-22	6,573.51	6,564.01	<collection: 1="" item=""></collection:>	
	165	SM-21	6,573.56	6,563.56	<collection: 1="" item=""></collection:>	
	166	SM-62	6,574.55	6,562.00	<collection: 0="" items=""></collection:>	
	167	SM-162	6,575.48	6,570.48	<collection: 0="" items=""></collection:>	
	168	SM-201	6,577.44	6,572.51	<collection: 0="" items=""></collection:>	
	169	SM-169	6,580.38	6,570.38	<collection: 0="" items=""></collection:>	
	170	SM-187	6,581.90		<collection: 0="" items=""></collection:>	

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666

SewerGEMS [10.02.03.03] Page 17 of 57
#### Manhole Table - Time: 0.00 hours

	ID	Label	Elevation (Ground) (ft)	Elevation (Invert) (ft)	Sanitary Loads	Notes
171		SM-30	6,588.00	6,579.00	<collection: 1="" item=""></collection:>	
172		SM-188	6,583.38	6,577.24	<collection: 0="" items=""></collection:>	
172		SM-35	6,591.40	6,584.40	<collection: 1="" item=""></collection:>	
174		SM-55 SM-61	6,586.24	6,581.24	<collection: 0="" items=""></collection:>	
175		SM-36	6,589.00	6,582.00	<collection: 1="" item=""></collection:>	
175		SM-52	6,589.07	6,584.07	<collection: 0="" items=""></collection:>	
170		SM-52 SM-60	6,589.24	6,584.24	<collection: 1="" item=""></collection:>	
178		SM-186	6,592.25	6,586.18	<collection: 0="" items=""></collection:>	
180		SM-31	6,605.00	6,596.00	<collection: 1="" item=""></collection:>	
181		SM-170	6,600.08	6,585.08	<collection: 0="" items=""></collection:>	
182		SM-53	6,601.62	6,596.62	<collection: 1="" item=""></collection:>	
183		SM-44	6,601.69	6,596.69	<collection: 1="" item=""></collection:>	
184		SM-32	6,610.00	6,601.00	<collection: 1="" item=""></collection:>	
185		SM-32 SM-43	6,601.87	6,595.69	<collection: 0="" items=""></collection:>	
185		SM-43 SM-42	6,602.42	6,595.42	<collection: 0="" items=""></collection:>	
180		SM-42 SM-37	6,602.69	6,597.69	<collection: 0="" items=""></collection:>	
187		SM-37 SM-38	6,604.44	6,599.44	<collection: 0="" items=""></collection:>	
100		SM-157	6,604.70	6,599.44	<collection: 0="" items=""></collection:>	
190		SM-157 SM-156	6,604.81	6,598.70	<collection: 0="" items=""></collection:>	
191		SM-130 SM-41	-		<collection: 0="" items=""></collection:>	
192		SM-41 SM-39	6,605.52 6,605.57	6,588.83	<collection: 1="" item=""></collection:>	
193				6,600.57 6,587.83	<collection: 0="" items=""></collection:>	
194		SM-40	6,605.63 6,607.80	-	<collection: 0="" items=""></collection:>	
195		SM-150 SM-149	6,609.33	6,602.80 6,604.33	<collection: 0="" items=""></collection:>	
190		SM-149 SM-148	6,609.52	6,606.40	<collection: 0="" items=""></collection:>	
197			-	6,607.90	<collection: 0="" items=""></collection:>	
198		SM-158	6,612.90	-	<collection: 0="" items=""></collection:>	
200		SM-200 SM-171	6,613.42	6,608.08 6,597.70	<collection: 0="" items=""></collection:>	
200		SM-171 SM-147	6,614.78 6,617.28	6,611.23	<collection: 0="" items=""></collection:>	
201		SM-147 SM-33	6,621.00	6,611.25	<collection: 1="" item=""></collection:>	
202		SM-33 SM-127			<collection: 1="" item=""></collection:>	
203		SM-127 SM-126	6,617.61 6,619.53	6,612.61 6,614.53	<collection: 0="" items=""></collection:>	
204		SM-120 SM-59	6,619.88	6,614.88	<collection: 1="" item=""></collection:>	
205			6,620.77		<collection: 1="" item=""></collection:>	
208		SM-55 SM-56		6,615.77	<collection: 1="" item=""></collection:>	
208		SM-30 SM-125	6,621.80 6,625.53	6,616.80 6,620.53	<collection: 1="" item=""></collection:>	
					<collection: 0="" items=""></collection:>	
210		SM-146	6,627.59	6,622.59		
211		SM-210	6,628.23	6,623.20	<collection: 1="" item=""></collection:>	
212		SM-48 SM-34	6,630.93	6,625.93 6,612.81	<collection: 1="" item=""></collection:>	
213			6,625.50	-	<collection: 1="" item=""></collection:>	
214		SM-184	6,633.93	6,627.39	<collection: 0="" items=""></collection:>	
215		SM-58	6,634.15	6,629.15	<collection: 0="" items=""></collection:>	
216		SM-185	6,644.15	6,638.16	<collection: 0="" items=""></collection:>	
217		SM-128	6,643.18	6,638.18	<collection: 0="" items=""></collection:>	
218		SM-54	6,650.00	6,628.00	<collection: 1="" item=""></collection:>	
220		SM-57	6,652.55	0,047.55	<collection: 1="" item=""></collection:>	I

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666

SewerGEMS [10.02.03.03] Page 18 of 57

#### Manhole Table - Time: 0.00 hours

ID	Label	Elevation (Ground)	Elevation (Invert)	Sanitary Loads	Notes
		(ft)	(ft)		
221	SM-144	6,653.77	6,648.77	<collection: 0="" items=""></collection:>	
223	SM-199	6,657.71	6,652.63	<collection: 0="" items=""></collection:>	
225	SM-145	6,659.54	6,654.54	<collection: 1="" item=""></collection:>	
226	SM-49	6,661.36	6,656.36	<collection: 1="" item=""></collection:>	
230	SM-197	6,675.72	6,670.42	<collection: 0="" items=""></collection:>	
231	SM-132	6,675.90	6,670.90	<collection: 1="" item=""></collection:>	
232	SM-183	6,677.68	6,671.42	<collection: 0="" items=""></collection:>	
233	SM-131	6,676.67	6,671.67	<collection: 1="" item=""></collection:>	
234	SM-130	6,680.84	6,675.84	<collection: 1="" item=""></collection:>	
236	SM-143	6,683.84	6,678.84	<collection: 1="" item=""></collection:>	
237	SM-47	6,685.50	6,680.50	<collection: 0="" items=""></collection:>	includes town hall
238	SM-140	6,696.20	6,691.20	<collection: 0="" items=""></collection:>	
239	SM-138	6,700.08	6,693.73	<collection: 0="" items=""></collection:>	
240	SM-50	6,701.06	6,680.06	<collection: 0="" items=""></collection:>	
241	SM-129	6,709.36	6,704.36	<collection: 1="" item=""></collection:>	
242	SM-51	6,713.53	6,708.53	<collection: 0="" items=""></collection:>	
243	SM-198	6,714.82	6,709.82	<collection: 0="" items=""></collection:>	
244	SM-142	6,718.84	6,713.84	<collection: 0="" items=""></collection:>	
245	SM-137	6,721.62	6,715.54	<collection: 0="" items=""></collection:>	
246	SM-141	6,726.29	6,721.29	<collection: 0="" items=""></collection:>	
247	SM-134	6,729.25	6,724.25		
248	SM-139	6,730.42	6,725.42	<collection: 0="" items=""></collection:>	
249	SM-133	6,734.22	6,723.22	<collection: 1="" item=""></collection:>	
250	SM-135	6,738.16	6,733.16		
251	SM-114	6,747.33	6,742.33		
252	SM-115	6,750.25	6,739.25		
253	SM-136	6,754.75	6,745.75		
254	SM-113	6,754.91	6,749.91		
255	SM-89	6,758.60	6,747.26		
256	SM-90	6,760.32	6,747.75		
258	SM-92	6,761.47	6,756.47		
259	SM-94	6,763.19	6,758.19		
260	SM-91	6,764.81	6,754.68		
261	SM-95	6,765.05	6,760.05		
262	SM-93	6,768.28	6,757.85	<collection: 1="" item=""></collection:>	
263	SM-112	6,769.00	6,764.00		
264	SM-77	6,771.27	6,766.27	<collection: 1="" item=""></collection:>	
265	SM-76	6,774.67	6,769.67	<collection: 0="" items=""></collection:>	
267	SM-88	6,781.55	6,768.59	<collection: 1="" item=""></collection:>	
268	SM-87	6,786.30	6,775.16		
269	SM-86	6,787.51	6,775.71	<collection: 1="" item=""></collection:>	
270	SM-85	6,788.37	6,776.40	<collection: 1="" item=""></collection:>	
271	SM-84	6,790.05	6,777.66		
272	SM-72	6,795.96	6,784.36		
273	SM-75	6,796.91	6,786.73		
274	SM-78	6,797.48		<collection: 1="" item=""></collection:>	

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666

SewerGEMS [10.02.03.03] Page 19 of 57

#### Manhole Table - Time: 0.00 hours

ID	Label	Elevation (Ground)	Elevation (Invert)	Sanitary Loads	Notes
		(tr)	(ft)		
275	SM-73	6,797.53	6,786.19	<collection: 0="" items=""></collection:>	
276	SM-74	6,799.35	6,789.07	<collection: 0="" items=""></collection:>	
277	SM-79	6,800.00	6,788.03	<collection: 1="" item=""></collection:>	
278	SM-96	6,802.56	6,792.26	<collection: 1="" item=""></collection:>	
281	SM-102	6,803.63	6,798.63	<collection: 1="" item=""></collection:>	
282	SM-97	6,805.64	6,795.27	<collection: 1="" item=""></collection:>	
284	SM-196	6,821.60	6,794.95	<collection: 0="" items=""></collection:>	
285	SM-109	6,825.27	6,820.27	<collection: 1="" item=""></collection:>	
286	SM-80	6,826.40	6,814.53	<collection: 0="" items=""></collection:>	
287	SM-81	6,826.78	6,815.05	<collection: 1="" item=""></collection:>	
288	SM-108	6,833.54	6,828.54	<collection: 0="" items=""></collection:>	
289	SM-111	6,837.67	6,832.67	<collection: 0="" items=""></collection:>	
290	SM-110	6,841.21	6,836.21	<collection: 1="" item=""></collection:>	
291	SM-98	6,842.27	6,832.98	<collection: 1="" item=""></collection:>	
292	SM-100	6,845.48	6,834.46	<collection: 1="" item=""></collection:>	
293	SM-99	6,846.30	6,834.02	<collection: 1="" item=""></collection:>	
294	SM-107	6,852.77	6,847.77	<collection: 1="" item=""></collection:>	
295	SM-195	6,869.20	6,836.26	<collection: 0="" items=""></collection:>	
296	SM-105	6,870.03	6,865.03	<collection: 1="" item=""></collection:>	
297	SM-103	6,910.19	6,905.19	<collection: 0="" items=""></collection:>	
298	SM-106	6,912.36	6,907.36	<collection: 0="" items=""></collection:>	
299	SM-104	6,914.83	6,909.83	<collection: 0="" items=""></collection:>	
413	MH-2	6,586.91	6,581.91	<collection: 0="" items=""></collection:>	
547	MH-4	6,669.91	6,664.91	<collection: 0="" items=""></collection:>	
609	SM-248	6,351.82	6,336.31	<collection: 0="" items=""></collection:>	
626	MH-6	6,708.18	6,700.00	<collection: 0="" items=""></collection:>	
1152	MH-7	6,590.71	6,585.71	<collection: 1="" item=""></collection:>	
1154	MH-8	6,589.00	6,564.51	<collection: 1="" item=""></collection:>	
1187	MH-31	6,362.87	6,356.85	<collection: 1="" item=""></collection:>	
1188	MH-32	6,365.03	6,355.47	<collection: 1="" item=""></collection:>	
1189	MH-33	6,373.07	6,366.89	<collection: 1="" item=""></collection:>	
1190	MH-34	6,365.71	6,359.52	<collection: 0="" items=""></collection:>	
1191	MH-35	6,372.08	6,364.00	<collection: 0="" items=""></collection:>	
1192	MH-36	6,373.51	6,367.56	<collection: 1="" item=""></collection:>	
1193	MH-37	6,383.75	6,375.02	<collection: 0="" items=""></collection:>	
1194	MH-38	6,383.93	6,376.06	<collection: 0="" items=""></collection:>	
1195	MH-39	6,410.39	6,403.62	<collection: 0="" items=""></collection:>	
1197	MH-41	6,428.72	6,422.99	<collection: 0="" items=""></collection:>	
1198	MH-42	6,439.20	6,433.62	<collection: 0="" items=""></collection:>	
1199	MH-43	6,444.13	6,438.38	<collection: 0="" items=""></collection:>	
1200	MH-44	6,449.75	6,445.58	<collection: 0="" items=""></collection:>	
1206	MH-9	6,415.89	6,410.89	<collection: 0="" items=""></collection:>	
1207	MH-10	6,434.99	6,429.99	<collection: 0="" items=""></collection:>	
1208	MH-11	6,446.84	6,441.84	<collection: 0="" items=""></collection:>	
1217	MH-12	6,353.73	6,340.00	<collection: 0="" items=""></collection:>	
1450	MH-26	6,782.92	6,752.86	<collection: 0="" items=""></collection:>	

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666

SewerGEMS [10.02.03.03] Page 20 of 57

#### Manhole Table - Time: 0.00 hours

ID	Label	Elevation (Ground) (ft)	Elevation (Invert) (ft)	Sanitary Loa	ds	Notes
1452	MH-27	6,532.47	6,507.18	<collection: 0="" iter<="" td=""><td>ms&gt;</td><td></td></collection:>	ms>	
1455	MH-29	6,299.57	6,266.00	<collection: 1="" iter<="" td=""><td></td><td></td></collection:>		
1464	MH-33	6,508.43	6,483.43	<collection: 0="" iter<="" td=""><td></td><td></td></collection:>		
1465	MH-34	6,428.00	6,423.00	<collection: 0="" iter<="" td=""><td></td><td></td></collection:>		
1470	MH-36	6,342.82	6,320.00	<collection: 0="" iter<="" td=""><td></td><td></td></collection:>		
1471	MH-37	6,372.00	6,350.00	<collection: 0="" iter<="" td=""><td></td><td></td></collection:>		
1471	MH-39	6,375.00	6,336.00	<collection: 0="" iter<="" td=""><td></td><td></td></collection:>		
1494	MH-46	6,327.60	6,322.60	<collection: 0="" iter<="" td=""><td></td><td></td></collection:>		
1497	MH-47	6,417.00	6,326.00	<collection: 0="" iter<="" td=""><td></td><td></td></collection:>		
1518	MH-50	6,594.83	6,589.83	<collection: 0="" iter<="" td=""><td>ns&gt;</td><td></td></collection:>	ns>	
Flow (Local In) (gal/min)	Flow (Total Out)	Hydraulic Grade Line (In)	Hydraulic Grade Line	Is Active?		
(gai/min)	(gal/min)	(ft)	(Out)			
	(gai/min)	(10)	(0ut) (ft)			
(N/A)	(N/A)	(N/A)	(N/A)	False		
(N/A)	(N/A)	(N/A)	(N/A)			
(N/A) (N/A)	(N/A)	(N/A) (N/A)	(N/A)			
(N/A) (N/A)	(N/A) (N/A)	(N/A) (N/A)	(N/A)			
(N/A) (N/A)	(N/A) (N/A)	(N/A) (N/A)	(N/A) (N/A)			
(N/A) (N/A)	(N/A) (N/A)	(N/A) (N/A)				
			(N/A)			
(N/A)	(N/A)	(N/A)	(N/A)			
(N/A)	(N/A)	(N/A)	(N/A)			
(N/A)	(N/A)	(N/A)	(N/A)			
(N/A)	(N/A)	(N/A) (N/A)	(N/A)			
(N/A) (N/A)	(N/A) (N/A)	(N/A) (N/A)	(N/A) (N/A)			
		(N/A) (N/A)				
(N/A) (N/A)	(N/A)	(N/A) (N/A)	(N/A)			
	(N/A)		(N/A)			
(N/A)	(N/A)	(N/A)	(N/A)			
(N/A)	(N/A)	(N/A)	(N/A)			
(N/A)	(N/A)	(N/A)	(N/A)			
(N/A)	(N/A)	(N/A)	(N/A)			
(N/A)	(N/A)	(N/A)	(N/A)			
(N/A)	(N/A)	(N/A)	(N/A)			
(N/A)	(N/A)	(N/A)	(N/A)			
(N/A)	(N/A)	(N/A)	(N/A)			
(N/A)	(N/A)	(N/A)	(N/A)			
0.00	3.36	6,263.34	6,263.14			
0.00	3.36	6,265.21	6,264.81			
0.00	0.00	6,282.38	6,282.38			
(N/A)	3.36	6,289.04	6,288.74			
0.00	3.36	6,294.34	6,294.04			
0.00	0.00	6,299.27	6,299.27			
0.00	0.00	6,302.62	6,302.62			
0.00	0.00	6,313.39	6,313.19			
(N/A)	41.04	6,303.69	6,303.69	True	l	

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666

SewerGEMS [10.02.03.03] Page 21 of 57

#### Manhole Table - Time: 0.00 hours

Flow (Local In)	Flow (Total	Hydraulic	Hydraulic	Is Active?
(gal/min)	Out)	Grade Line (In)	Grade Line	
	(gal/min)	(ft)	(Out) (ft)	
0.00	41.04	6,305.35	6,305.35	True
0.00	0.00	6,300.50	6,300.50	True
0.00	0.00	6,301.77	6,301.57	True
0.00	394.36	6,300.59	6,299.75	True
0.00	32.64	6,311.39	6,311.39	True
0.00	0.00	6,316.90	6,316.70	True
0.00	32.64	6,312.11	6,312.11	True
0.00	0.00	6,308.55	6,308.35	True
0.00	0.00	6,304.00	6,303.80	True
51.85	201.74	6,298.95	6,298.95	True
0.00	0.00	6,312.51	6,312.31	True
0.00	0.00	6,307.67	6,307.47	True
0.00	49.44	6,315.95	6,315.95	True
0.00	0.00	6,310.00	6,310.00	True
0.00	0.00	6,310.05	6,309.85	True
0.00	0.00	6,302.51	6,302.31	True
0.00	49.44	6,320.75	6,320.75	True
0.00	3.36	6,307.38	6,306.78	True
0.00	0.00	6,309.33	6,309.13	True
0.00	0.00	6,321.68	6,318.29	True
0.00	0.00	6,307.82	6,307.62	True
0.00	0.00	6,323.07	6,323.07	True
0.00	49.44	6,319.42	6,319.42	True
0.00	0.00	6,310.53	6,310.53	True
0.00	0.00	6,312.09	6,311.89	True
0.00	0.00	6,310.37	6,310.37	True
0.97	3.43	6,324.05	6,323.86	True
0.00	0.00	6,322.48	6,322.18	True
0.00	0.00	6,325.51	6,325.31	True
0.00	3.36	6,323.28	6,323.09	True
0.00	0.00	6,312.12	6,311.92	True
0.00	8.40	6,329.01	6,329.01	True
0.00	0.00	6,327.78	6,327.48	True
0.00	0.00	6,331.03	6,330.83	True
0.00	3.36	6,323.08	6,322.49	True
0.96	1.44	6,326.81	6,326.82	True
0.48	0.48	6,327.63	6,327.63	True
0.99	2.45	6,324.82	6,324.62	True
0.00	0.00	6,311.00	6,310.80	True
0.00	0.00	6,339.85	6,339.65	True
7.68	29.28	6,339.26	6,339.07	True
0.00	0.00	6,336.23	6,336.03	True
0.00	0.00	6,342.19	6,342.19	True
0.00	0.00	6,338.96	6,338.76	True
0.00	0.00	6,341.59	6,341.39	
1 0.00	0.00	0,541.55	0,541.55	i uc

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666 SewerGEMS [10.02.03.03] Page 22 of 57

#### Manhole Table - Time: 0.00 hours

Flow (Local In)	Flow (Total	Hydraulic	Hydraulic Crado Lino	Is Active?
(gal/min)	Out) (gal/min)	Grade Line (In)	Grade Line (Out)	
	(gai/min)	(ft)	(ft)	
0.00	0.00	6,340.78	6,340.58	True
(N/A)	0.00	6,345.67	6,345.67	True
0.00	32.64	6,340.11	6,340.11	True
7.68	21.60	6,355.24	6,355.06	True
0.00	32.64	6,365.53	6,365.53	True
0.00	32.64	6,368.80	6,368.80	True
0.00	2.41	6,368.21	6,368.01	True
5.76	13.92	6,372.72	6,364.58	True
2.40	2.40	6,374.20	6,374.01	True
8.64	20.16	6,366.21	6,366.06	True
0.00	8.40	6,376.01	6,376.01	True
2.88	2.88	6,378.53	6,378.53	True
0.00	0.00	6,380.00	6,380.00	True
0.00	3.12	6,386.42	6,386.42	True
5.76	5.76	6,386.43	6,386.43	True
2.88	11.52	6,377.73	6,377.51	True
5.76	5.76	6,377.73	6,377.73	True
0.24	29.52	6,392.04	6,392.04	True
0.00	29.28	6,403.91	6,403.91	True
0.00	3.12	6,412.86	6,412.86	True
(N/A)	8.40	6,425.41	6,425.41	True
0.00	3.12	6,438.76	6,438.76	True
0.00	29.28	6,439.12	6,439.12	True
0.00	3.12	6,449.61	6,449.61	True
0.00	3.12	6,447.61	6,447.61	True
0.00	3.12	6,445.41	6,445.41	True
0.00	3.12	6,462.38	6,462.38	True
0.00	7.68	6,464.81	6,464.79	True
0.00	7.68	6,465.93	6,465.93	True
0.00	7.68	6,474.31	6,474.31	True
0.00	29.28	6,488.70	6,488.70	True
0.00	0.00	6,497.16	6,497.16	True
0.48	7.68	6,485.27	6,485.27	True
(N/A)	7.20	6,490.72	6,490.54	True
0.00	0.00	6,492.19	6,492.19	True
0.00	29.28	6,508.45	6,508.45	True
0.00	29.28	6,513.61	6,513.61	True
0.00	3.12	6,515.42	6,515.42	True
0.00	29.28	6,515.75	6,515.76	True
0.48	6.96	6,512.04	6,512.02	True
0.48	6.48	6,512.92	6,512.92	True
0.24	6.00	6,514.13	6,514.12	True
(N/A)	5.76	6,515.28	6,515.28	True
0.00	0.00	6,525.25	6,525.25	True
(N/A)	0.00	6,532.81	6,532.81	
		.,	.,	I I

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666 SewerGEMS [10.02.03.03] Page 23 of 57

#### Manhole Table - Time: 0.00 hours

Flow (Local In)	Flow (Total	Hydraulic	Hydraulic Crado Lino	Is Active?
(gal/min)	Out) (gal/min)	Grade Line (In) (ft)	Grade Line (Out)	
	(gui/iiii)	(10)	(ft)	
0.00	0.00	6,514.86	6,514.86	True
0.00	3.12	6,539.00	6,539.00	True
0.00	0.00	6,545.39	6,545.39	True
0.00	5.76	6,548.71	6,546.51	True
0.48	1.44	6,547.05	6,546.86	True
0.00	0.00	6,551.15	6,551.15	True
0.00	4.55	6,552.80	6,550.80	True
0.00	4.57	6,550.10	6,549.91	True
0.00	0.00	6,554.97	6,554.97	True
0.49	4.95	6,549.23	6,549.04	True
0.67	10.32	6,548.47	6,548.07	True
1.65	4.56	6,553.34	6,553.15	True
0.76	2.29	6,559.27	6,559.27	True
0.00	0.00	6,559.83	6,559.83	True
0.00	0.00	6,560.83	6,560.83	True
0.00	0.48	6,560.23	6,560.03	True
0.48	0.48	6,564.01	6,564.01	True
0.96	0.96	6,563.56	6,563.56	True
0.00	29.28	6,562.01	6,562.01	True
0.00	0.00	6,570.48	6,570.48	True
0.00	29.28	6,572.52	6,572.52	True
0.00	0.00	6,570.38	6,570.38	True
0.00	3.12	6,575.90	6,575.91	True
1.44	4.35	6,579.51	6,579.01	True
0.00	0.00	6,577.24	6,577.24	True
0.48	0.96	6,584.60	6,584.40	True
0.00	0.24	6,581.24	6,581.24	True
0.48	1.44	6,582.21	6,582.01	True
0.00	2.40	6,584.08	6,584.08	True
0.24	0.24	6,584.24	6,584.24	True
0.00	3.12	6,586.19	6,586.19	True
0.48	2.40	6,596.02	6,596.02	True
0.00	0.00	6,585.08	6,585.08	True
0.72	2.40	6,596.63	6,596.63	True
0.48	24.00	6,596.70	6,596.70	True
0.48	1.92	6,601.21	6,601.01	True
0.00	24.00	6,595.71	6,595.71	True
0.00	24.00	6,595.43	6,595.43	True
0.00	23.52	6,597.73	6,597.73	True
0.00	23.52	6,599.51	6,599.51	True
0.00	0.00	6,599.70	6,599.70	True
0.00	0.00	6,598.70	6,598.70	True
0.00	24.00	6,588.83	6,588.84	True
0.96	2.64	6,600.58	6,600.58	True
0.00	26.64	6,587.85	6,587.85	True

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666 SewerGEMS [10.02.03.03] Page 24 of 57

#### Manhole Table - Time: 0.00 hours

Flow (Local In)	Flow (Total	Hydraulic	Hydraulic	Is Active?
(gal/min)	Out)	Grade Line (In)	Grade Line	
	(gal/min)	(ft)	(Out)	
			(ft)	
0.00	23.52	6,602.86	6,602.86	True
0.00	23.52	6,604.35	6,604.35	True
0.00	0.00	6,606.40	6,606.40	True
(N/A)	0.00	6,607.90	6,607.90	True
0.00	4.32	6,608.09	6,608.09	True
0.00	0.00	6,597.70	6,597.70	True
0.00	23.52	6,611.24	6,611.24	True
0.96	1.44	6,612.00	6,611.81	True
0.24	3.12	6,612.62	6,612.62	True
0.00	0.48	6,614.53	6,614.53	True
0.24	0.96	6,614.88	6,614.88	True
0.24	0.72	6,615.77	6,615.77	True
0.48	0.48	6,616.80	6,616.80	True
0.48	0.48	6,620.53	6,620.53	True
0.00	23.52	6,622.60	6,622.60	True
0.24	0.24	6,623.20	6,623.20	True
1.20	1.68	6,625.94	6,625.94	True
0.48	0.48	6,612.81	6,612.81	True
0.00	2.16	6,627.40	6,627.40	True
0.00	0.00	6,629.15	6,629.15	True
0.00	0.00	6,638.16	6,638.16	True
0.00	2.16	6,638.19	6,638.19	True
0.48	0.72	6,628.00	6,628.00	True
0.24	0.24	6,647.55	6,647.55	True
0.00	0.00	6,648.77	6,648.77	True
(N/A)	4.32	6,652.65	6,652.64	True
0.48	23.52	6,654.55	6,654.55	True
0.48	0.48	6,656.36	6,656.36	True
0.00	1.20	6,670.42	6,670.42	True
0.24	2.16	6,670.91	6,670.91	True
0.00	0.00	6,671.42	6,671.42	True
0.24	1.92	6,671.68	6,671.68	True
0.96	1.68	6,675.84	6,675.85	True
1.44	23.04	6,678.85	6,678.85	True
0.00	0.00	6,680.50	6,680.50	True
0.00	0.00	6,691.20	6,691.20	True
0.00	0.00	6,693.73	6,693.73	True
0.00	0.00	6,680.06	6,680.06	True
0.48	0.72	6,704.36	6,704.36	True
0.00	0.00	6,708.53	6,708.53	True
0.00	1.20	6,709.82	6,709.82	True
0.00	21.60	6,713.88	6,713.88	True
0.00	0.00	6,715.54	6,715.54	True
0.00	21.60	6,721.33	6,721.33	True
0.00	0.00	6,724.25	6,724.25	True

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666 SewerGEMS [10.02.03.03] Page 25 of 57

#### Manhole Table - Time: 0.00 hours

Flow (Local In)	Flow (Total	Hydraulic	Hydraulic	Is Active?
(gal/min)	Out)	Grade Line (In)	Grade Line	
	(gal/min)	(ft)	(Out) (ft)	
0.00	21.60	6,725.46	6,725.46	True
0.24	0.24	6,723.22	6,723.22	True
0.00	21.60	6,733.17	6,733.17	True
0.00	3.22	6,742.34	6,742.34	True
0.96	1.20	6,739.25	6,739.25	True
0.48	21.60	6,745.79	6,745.79	True
0.00	3.22	6,749.92	6,749.92	True
1.73	21.12	6,747.47	6,747.33	True
0.00	5.31	6,748.05	6,747.77	True
0.96	13.92	6,756.48	6,756.48	True
0.00	12.96	6,758.20	6,758.20	True
0.00	5.28	6,755.06	6,754.69	True
0.48	12.96	6,760.06	6,760.06	True
0.24	5.28	6,758.22	6,757.86	True
0.24	3.22	6,764.01	6,764.01	True
0.96	12.48	6,766.28	6,766.28	True
0.00	11.52	6,769.68	6,769.68	True
0.72	5.04	6,768.92	6,768.60	True
0.96	4.32	6,775.37	6,775.17	True
0.96	3.36	6,775.92	6,775.73	True
1.92	2.40	6,776.60	6,776.41	True
0.48	0.48	6,777.66	6,777.66	True
0.00	11.52	6,784.97	6,784.37	True
0.00	7.44	6,786.94	6,786.77	True
0.59	8.13	6,787.59	6,787.43	True
0.00	11.52	6,786.50	6,786.20	True
0.00	7.13	6,789.35	6,789.08	True
2.05	8.42	6,788.24	6,788.07	True
0.45	7.41	6,792.57	6,792.27	True
0.48	2.98	6,798.64	6,798.64	True
2.50	6.95	6,795.65	6,795.28	True
0.00	0.00	6,794.95	6,794.95	True
0.10	2.26	6,820.29	6,820.29	True
0.06	5.72	6,814.74	6,814.54	True
2.37	5.73	6,815.08	6,815.08	True
0.00	0.24	6,828.54	6,828.54	True
0.00	0.24	6,832.67	6,832.67	True
0.00	0.96	6,836.21	6,836.21	True
1.98	3.42	6,833.19	6,832.99	True
0.48	0.48	6,834.46	6,834.46	True
0.96	1.44	6,834.22	6,834.03	True
0.24	0.24	6,847.77	6,847.77	True
0.00	0.00	6,836.26	6,836.26	True
0.24	0.24	6,865.03	6,865.03	True
0.00	0.00	6,905.19	6,905.19	True

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666 SewerGEMS [10.02.03.03] Page 26 of 57

#### Manhole Table - Time: 0.00 hours

Flow (Local In) (gal/min)	Flow (Total Out) (gal/min)	Hydraulic Grade Line (In) (ft)	Hydraulic Grade Line (Out) (ft)	Is Active?
0.00	0.00	6,907.36	6,907.36	True
0.00	0.00	6,909.83	6,909.83	True
0.00	29.04	6,581.92	6,581.92	True
0.00	4.32	6,664.93	6,664.93	True
0.00	0.00	6,336.31	6,336.31	True
0.00	1.20	6,700.00	6,700.00	True
0.48	0.48	6,585.71	6,585.71	True
0.48	0.48	6,584.00	6,584.00	True
0.49	1.86	6,357.06	6,356.86	True
0.00	1.92	6,356.31	6,356.12	True
0.93	1.41	6,367.09	6,366.90	True
0.00	0.96	6,359.73	6,359.52	True
0.00	0.00	6,364.20	6,364.00	True
0.48	0.48	6,367.76	6,367.56	True
0.00	0.00	6,375.02	6,375.02	True
0.00	0.00	6,376.26	6,376.06	True
0.00	0.00	6,403.62	6,403.62	True
0.00	0.00	6,423.19	6,422.99	True
0.00	0.00	6,433.82	6,433.62	True
(N/A)	0.00	6,438.58	6,438.38	True
0.00	0.00	6,445.58	6,445.58	True
0.00	0.00	6,410.89	6,410.89	True
0.00	0.00	6,429.99	6,429.99	True
0.00	0.00	6,441.84	6,441.84	True
(N/A)	2.00	6,347.19	6,346.99	True
0.00	0.00	6,752.86	6,752.86	True
0.00	0.00	6,507.18	6,507.18	True
1.20	1.20	6,316.43	6,316.43	True
0.00	0.00	6,503.43	6,483.43	True
0.00	0.00	6,423.00	6,423.00	True
0.00	49.44	6,328.10	6,328.10	True
0.00	20.16	6,364.01	6,364.01	True
0.00	20.16	6,365.07	6,365.04	True
0.00	49.44	6,322.73	6,322.75	True
0.00	0.00	6,412.00	6,412.00	True
0.00	0.00	6,589.83	6,589.83	True

#### **Property Connection Table - Time: 0.00 hours**

ID	Label	Base Flow (gal/min)	Notes
1462	PC-196	1.20	Public works building
642	M-10	0.48	exist
643	M-100	0.24	exist
644	M-101	0.24	exist
645	M-102	0.24	exist

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666

SewerGEMS [10.02.03.03] Page 27 of 57

#### Property Connection Table - Time: 0.00 hours

ID	Label	Base Flow	Notes
		(gal/min)	
646	M-103	0.24	exist
647	M-104	0.24	exist
648	M-105	0.24	exist
649	M-106	0.24	exist
650	M-107	0.24	exist
651	M-108	0.24	exist
652	M-109	0.24	exist
653	M-11	0.24	exist
654	M-110	0.24	exist
655	M-111	0.24	exist
656	M-112	0.24	exist
657	M-113	0.24	exist
658	M-114	0.24	exist
659	M-115	0.24	exist
660	M-116	0.24	exist
661	M-117	0.24	exist
662	M-118	0.24	exist
663	M-119	0.24	exist
665	M-120	0.24	exist
666	M-121	0.24	exist
667	M-122	0.24	exist
668	M-123	0.24	exist
669	M-124	0.24	exist
670	M-125	0.24	exist
671	M-126	0.24	exist
672	M-127	0.24	exist
674	M-129	0.24	exist
676	M-130	0.24	exist
677	M-131	0.24	exist
678	M-132	0.24	exist
679	M-133	0.24	exist
680	M-134	0.24	exist
681	M-135	0.24	exist
682	M-136	0.24	exist
683	M-137	0.24	exist
685	M-139	0.24	exist
687	M-140	0.24	exist
688	M-141	0.24	exist
689	M-142	0.24	exist
690	M-143	0.24	exist
691	M-144	0.24	exist
692	M-145	0.24	exist
693	M-146	0.24	exist
694	M-147	0.24	exist
695	M-148	0.24	exist
696	M-149	0.24	exist
698	M-150	0.24	exist

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666 SewerGEMS [10.02.03.03] Page 28 of 57

#### Property Connection Table - Time: 0.00 hours

ID	Label	Base Flow	Notes
ID	Laber	(gal/min)	NOLES
699	M-151	0.24	exist
700	M-152	0.24	exist
702	M-154	0.24	exist
703	M-155	0.24	exist
704	M-156	0.24	exist
705	M-157	0.24	exist
706	M-158	0.24	exist
707	M-159	0.24	exist
708	M-16	0.24	exist
709	M-160	0.24	exist
710	M-161	0.24	exist
712	M-163	0.24	exist
713	M-164	0.24	exist
714	M-165	0.24	exist
715	M-166	0.24	exist
716	M-167	0.24	exist
717	M-168	0.24	exist
718	M-169	0.24	exist
719	M-17	0.24	exist
720	M-170	0.24	exist
721	M-171	0.24	exist
722	M-172	0.24	exist
723	M-173	0.24	exist
724	M-174	0.24	exist
725	M-175	0.24	exist
726	M-176	0.24	exist
727	M-177	0.24	exist
728	M-178	0.24	exist
729	M-179	0.24	exist
730	M-18	0.24	exist
732	M-181	2.40	exist
734	M-183	2.88	exist
736	M-185	2.88	exist
738	M-187	2.40	exist
739	M-188	2.68	exist
743	M-191	2.88	exist
744	M-192	0.24	exist
745	M-193	0.24	exist
747	M-195	0.24	exist
753	M-20	0.24	exist
754	M-200	0.24	exist
755	M-201	0.24	exist
763	M-209	0.24	exist
764	M-21	0.24	exist
771	M-216	0.24	exist
782	M-226	0.24	exist
794	M-237		exist
1,21	11257	0.24	CAISE

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666 SewerGEMS [10.02.03.03] Page 29 of 57

#### Property Connection Table - Time: 0.00 hours

ID	Label	Base Flow	Notes
10	Laber	(gal/min)	Notes
795	M-238	0.24	exist
797	M-24	0.24	exist
804	M-246	0.24	exist
810	M-251	0.24	exist
813	M-254	0.24	exist
815	M-256	0.24	exist
818	M-259	0.24	exist
819	M-26	0.24	exist
830	M-27	0.24	exist
897	M-33	0.24	exist
908	M-34	0.24	exist
919	M-35	0.24	exist
930	M-36	0.24	exist
963	M-39	0.24	exist
975	M-40	0.24	exist
985	M-409	0.24	exist
986	M-41	0.24	exist
987	M-410	0.24	exist
988	M-411	0.24	exist
989	M-412	0.24	exist
990	M-413	0.24	exist
991	M-414	0.24	exist
992	M-415	0.24	exist
993	M-416	0.24	exist
994	M-417	0.24	exist
995	M-418	0.24	exist
996	M-419	0.24	exist
997	M-42	0.24	exist
998	M-420	0.24	exist
999	M-421	0.24	exist
1000	M-422	0.24	exist
1008	M-43	0.24	exist
1019	M-44	0.24	exist
1030	M-45	0.24	exist
1039	M-46	0.24	exist
1040	M-47	0.24	exist
1041	M-48	0.24	exist
1042	M-49	0.24	exist
1043	M-5	0.48	exist
1044	M-50	0.24	exist
1045	M-51	0.24	exist
1046	M-52	0.24	exist
1047	M-53	0.24	exist
1048	M-54 M-55	0.24	exist
1049		0.24	exist
1050	M-56 M-57	0.24	exist
1051	כ-ויו ן	0.24	exist

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666 SewerGEMS [10.02.03.03] Page 30 of 57

#### Property Connection Table - Time: 0.00 hours

ID	Label	Base Flow	Notes
		(gal/min)	
1052	M-58	0.24	exist
1053	M-59	0.24	exist
1054	M-6	0.24	exist
1055	M-60	0.24	exist
1056	M-61	0.24	exist
1057	M-62	0.24	exist
1058	M-63	0.24	exist
1061	M-66	0.24	exist
1062	M-67	0.24	exist
1063	M-68	0.24	exist
1064	M-69	0.24	exist
1066	M-70	0.24	exist
1067	M-71	0.24	exist
1068	M-72	0.24	exist
1069	M-73	0.24	exist
1070	M-74	0.24	exist
1071	M-75	0.24	exist
1072	M-76	0.24	exist
1073	M-77	0.24	exist
1074	M-78	0.24	exist
1075	M-79	0.24	exist
1076	M-8	0.48	exist
1077	M-80	0.24	exist
1078	M-81	0.24	exist
1080	M-83	0.24	exist
1082	M-85	0.24	exist
1083	M-86	0.24	exist
1084	M-87	0.24	exist
1085	M-88	0.24	exist
1086	M-89	0.24	exist
1087	M-9	0.48	exist
1094	M-96	0.24	exist
1096	M-98	0.24	exist
1097	M-99	0.24	exist
1277	PC-24	0.48	exist
1278	PC-25	0.48	exist
1285	PC-32	0.48	exist
1296	PC-43	0.48	exist
1321	PC-68	2.88	exist
1323	PC-70	2.88	exist
1325	PC-72	2.88	exist
1326	PC-73	2.88	exist
1328	PC-75	2.88	exist
1329	PC-76	2.88	exist
1330	PC-77	2.88	exist
1334	PC-81	2.40	exist
1335	PC-82	2.68	exist

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666 SewerGEMS [10.02.03.03] Page 31 of 57

#### Property Connection Table - Time: 0.00 hours

ID	Label	Base Flow	Notes
ID	LaDer	(gal/min)	Notes
1338	PC-85	2.40	exist
1339	PC-85	2.40	exist
1394	PC-141	0.24	exist
1395	PC-141 PC-142	0.24	exist
1395	PC-142 PC-143	0.24	exist
1417	PC-143	0.24	
1417	PC-164	0.24	exist exist
1410	PC-165 PC-177	0.24	exist
1434	PC-177	0.24	exist
1435	PC-181	0.24	exist
1435	PC-182 PC-192	0.24	exist
1448	PC-192 PC-195	0.24	exist
-			
1536	PC-213	0.24	exist
1540	PC-217	0.24	exist
1543	PC-220	0.24	exist
1544	PC-221	0.24	exist
1545	PC-222	0.24	exist
1578	PC-224	0.24	exist
1579	PC-225	0.24	exist
1582	PC-228	0.24	exist
1584	PC-230	0.24	exist
1585	PC-231	0.24	exist
1586	PC-232	0.24	exist
1587	PC-233	0.24	exist
1588	PC-234	0.24	exist
1589	PC-235	0.24	exist
1590	PC-236	0.24	exist
1594	PC-240	0.24	exist
1601	PC-247	0.24	exist
1602	PC-248	0.24	exist
1603	PC-249	0.24	exist
1604	PC-250	0.24	exist
1605	PC-251	0.24	exist
1606	PC-252	0.24	exist
1607	PC-253	0.24	exist
1608	PC-254	0.24	exist
1616	PC-262	0.24	exist
1617	PC-263	0.24	exist
1618	PC-264	0.24	exist
1623	PC-269	0.24	exist
1629	PC-275	0.24	exist
1638	PC-284	0.24	exist
1665	PC-311	0.24	exist
1666	PC-312	0.24	exist
1667	PC-313	0.24	exist
1668	PC-314	0.24	exist
1669	PC-315	0.24	exist

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666 SewerGEMS [10.02.03.03] Page 32 of 57

#### Property Connection Table - Time: 0.00 hours

ID	Label	Base Flow	Notes
		(gal/min)	
1671	PC-317	0.24	exist
1680	PC-326	0.24	exist
1682	PC-328	0.24	exist
664	M-12	0.24	future
675	M-13	0.24	future
686	M-14	0.24	future
697	M-15	0.24	future
741	M-19	0.24	future
746	M-194	0.24	
748	M-196	0.24	future
749	M-197	0.24	future
750	M-198	0.24	future
751	M-199	0.24	future
752	M-2	0.24	future
756	M-202	0.24	future
757	M-203	0.24	future
758	M-204	0.24	future
759	M-205	0.24	future
760	M-206	0.24	future
761	M-207	0.24	future
762	M-208	0.24	future
765	M-210	0.24	future
766	M-211	0.24	future
767	M-212	0.24	future
768	M-213	0.24	future
769	M-214	0.24	future
770	M-215	0.24	future
772	M-217	0.24	future
775	M-22	0.24	future
776	M-220	0.24	future
778	M-222	0.24	future
780	M-224	0.24	future
783	M-227	0.24	future
785	M-229	0.24	future
786	M-23	0.24	future
787	M-230	0.24	future
790	M-233	0.24	future
792	M-235	0.24	future
793	M-236	0.24	future
796	M-239	0.24	future
798	M-240	0.24	future
799	M-240 M-241	0.24	future
800	M-241 M-242	0.24	future
800	M-242 M-243	0.24	future
802	M-243 M-244	0.24	
802	M-244 M-245	0.24	future
			future
805	M-247	0.24	future

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666 SewerGEMS [10.02.03.03] Page 33 of 57

#### Property Connection Table - Time: 0.00 hours

ID	Label	Base Flow	Notes
		(gal/min)	
806	M-248	0.24	future
807	M-249	0.24	future
808	M-25	0.24	future
809	M-250	0.24	future
811	M-252	0.24	future
812	M-253	0.24	future
814	M-255	0.24	future
816	M-257	0.24	future
817	M-258	0.24	future
820	M-260	0.24	future
821	M-261	0.24	future
822	M-262	0.24	future
823	M-263	0.24	future
824	M-264	0.24	future
825	M-265	0.24	future
826	M-266	0.24	future
827	M-267	0.24	future
828	M-268	0.24	future
829	M-269	0.24	future
831	M-270	0.24	future
832	M-271	0.24	future
833	M-272	0.24	future
834	M-273	0.24	future
835	M-274	0.24	future
836	M-275	0.24	future
837	M-276	0.24	future
838	M-277	0.24	future
839	M-278	0.24	future
840	M-279	0.24	future
841	M-28	0.24	future
842	M-280	0.24	future
843	M-281	0.24	future
844	M-282	0.24	future
845	M-283	0.24	future
846	M-284	0.24	future
847	M-285	0.24	future
848	M-286	0.24	future
849	M-287	0.24	future
850	M-288	0.24	future
851	M-289	0.24	future
852	M-29	0.24	future
853	M-290	0.24	future
854	M-290 M-291	0.24	future
855	M-291 M-292	0.24	future
856	M-292 M-293	0.24	future
850	M-293 M-294	0.24	future
857		0.24	future
000	M-295	0.24	iuture

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666 SewerGEMS [10.02.03.03] Page 34 of 57

#### Property Connection Table - Time: 0.00 hours

ID	Label	Base Flow	Notes
050	14.200	(gal/min)	<u> </u>
859	M-296	0.24	future
860	M-297	0.24	future
861	M-298	0.24	future
862	M-299	0.24	future
863	M-3	0.48	future
865	M-300	0.24	future
866	M-301	0.24	future
867	M-302	0.24	future
868	M-303	0.24	future
869	M-304	0.24	future
870	M-305	0.24	future
871	M-306	0.24	future
872	M-307	0.24	future
873	M-308	0.24	future
874	M-309	0.24	future
876	M-310	0.24	future
877	M-311	0.24	future
878	M-312	0.24	future
879	M-313	0.24	future
880	M-314	0.24	future
881	M-315	0.24	future
882	M-316	0.24	future
883	M-317	0.24	future
884	M-318	0.24	future
885	M-319	0.24	future
887	M-320	0.24	future
888	M-321	0.24	future
889	M-322	0.24	future
890	M-323	0.24	future
891	M-324	0.24	future
892	M-325	0.24	future
893	M-326	0.24	future
894	M-327	0.24	future
895	M-328	0.24	future
896	M-329	0.24	future
898	M-330	0.24	future
899	M-331	0.24	future
900	M-332	0.24	future
901	M-333	0.24	future
902	M-334	0.24	future
903	M-335	0.24	future
904	M-336	0.24	future
905	M-337	0.24	future
906	M-338	0.24	future
907	M-339	0.24	future
909	M-340	0.24	future
910	M-341	0.24	
1			

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666 SewerGEMS [10.02.03.03] Page 35 of 57

#### Property Connection Table - Time: 0.00 hours

	1	i	I
ID	Label	Base Flow	Notes
		(gal/min)	
911	M-342	0.24	future
912	M-343	0.24	future
913	M-344	0.24	future
914	M-345	0.24	future
915	M-346	0.24	future
916	M-347	0.24	future
917	M-348	0.24	future
918	M-349	0.24	future
920	M-350	0.24	future
921	M-351	0.24	future
922	M-352	0.24	future
923	M-353	0.24	future
924	M-354	0.24	future
925	M-355	0.24	future
926	M-356	0.24	future
927	M-357	0.24	future
928	M-358	0.24	future
929	M-359	0.24	future
931	M-360	0.24	future
932	M-361	0.24	future
934	M-363	0.24	future
935	M-364	0.24	future
936	M-365	0.24	future
938	M-367	0.24	future
939	M-368	0.24	future
940	M-369	0.24	future
941	M-37	0.24	future
942	M-370	0.24	future
943	M-371	0.24	future
944	M-372	0.24	future
945	M-373	0.24	future
946	M-374	0.24	future
947	M-375	0.24	future
948	M-376	0.24	future
949	M-377	0.24	future
950	M-378	0.24	future
951	M-379	0.24	future
952	M-38	0.24	future
953	M-380	0.24	future
954	M-381	0.24	future
955	M-382	0.24	future
956	M-383	0.24	future
957	M-384	0.24	future
958	M-385	0.24	future
959	M-386	0.24	future
961	M-388	0.24	future
962	M-389	0.24	future
•	•	•	•

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666 SewerGEMS [10.02.03.03] Page 36 of 57

#### Property Connection Table - Time: 0.00 hours

ID     Label     Base Flow (gal/min)     Notes       965     M-391     0.24     future       966     M-392     0.24     future       967     M-393     0.24     future       968     M-394     0.24     future       969     M-395     0.24     future       970     M-396     0.24     future       971     M-397     0.24     future       972     M-398     0.24     future       973     M-399     0.24     future       976     M-400     0.24     future       977     M-401     0.24     future       977     M-401     0.24     future       978     M-402     0.24     future       980     M-404     0.24     future       981     M-405     0.24     future       983     M-407     0.24     future       984     M-408     0.24     future       1001     M-423     0.2				
965     M-391     0.24     future       966     M-392     0.24     future       967     M-393     0.24     future       968     M-394     0.24     future       969     M-395     0.24     future       970     M-396     0.24     future       971     M-397     0.24     future       972     M-398     0.24     future       973     M-399     0.24     future       974     M-4     0.24     future       976     M-400     0.24     future       977     M-401     0.24     future       978     M-402     0.24     future       980     M-404     0.24     future       981     M-405     0.24     future       983     M-407     0.24     future       984     M-408     0.24     future       1001     M-423     0.24     future       1005     M-424     0.24	ID	Label		Notes
966     M-392     0.24     future       967     M-393     0.24     future       968     M-394     0.24     future       969     M-395     0.24     future       970     M-396     0.24     future       971     M-397     0.24     future       971     M-397     0.24     future       971     M-398     0.24     future       973     M-399     0.24     future       974     M-4     0.24     future       977     M-400     0.24     future       977     M-401     0.24     future       978     M-402     0.24     future       979     M-403     0.24     future       980     M-404     0.24     future       981     M-405     0.24     future       982     M-406     0.24     future       1001     M-423     0.24     future       1002     M-424     0.24	0.05	14.004		<u>, , , , , , , , , , , , , , , , , , , </u>
967     M-393     0.24     future       968     M-394     0.24     future       969     M-395     0.24     future       970     M-396     0.24     future       971     M-397     0.24     future       971     M-397     0.24     future       972     M-398     0.24     future       973     M-399     0.24     future       974     M-4     0.24     future       976     M-400     0.24     future       977     M-401     0.24     future       978     M-402     0.24     future       980     M-404     0.24     future       981     M-405     0.24     future       983     M-407     0.24     future       984     M-408     0.24     future       1001     M-426     0.24     future       1005     M-427     0.24     future       1006     M-428     0.24				
968     M-394     0.24     future       969     M-395     0.24     future       970     M-396     0.24     future       971     M-397     0.24     future       971     M-398     0.24     future       972     M-398     0.24     future       973     M-399     0.24     future       974     M-4     0.24     future       976     M-400     0.24     future       977     M-401     0.24     future       978     M-402     0.24     future       980     M-404     0.24     future       981     M-405     0.24     future       983     M-407     0.24     future       984     M-408     0.24     future       1001     M-423     0.24     future       1005     M-427     0.24     future       1006     M-428     0.24     future       1010     M-431     0.24			-	
969     M-395     0.24     future       970     M-396     0.24     future       971     M-397     0.24     future       972     M-398     0.24     future       973     M-399     0.24     future       974     M-4     0.24     future       976     M-400     0.24     future       977     M-401     0.24     future       978     M-402     0.24     future       979     M-403     0.24     future       980     M-404     0.24     future       981     M-405     0.24     future       983     M-407     0.24     future       984     M-408     0.24     future       1001     M-423     0.24     future       1002     M-424     0.24     future       1004     M-425     0.24     future       1005     M-427     0.24     future       1006     M-433     0.24			• • • • •	
970   M-396   0.24   future     971   M-397   0.24   future     972   M-398   0.24   future     973   M-399   0.24   future     974   M-4   0.24   future     976   M-400   0.24   future     977   M-401   0.24   future     978   M-402   0.24   future     977   M-401   0.24   future     978   M-402   0.24   future     979   M-403   0.24   future     980   M-404   0.24   future     981   M-405   0.24   future     983   M-407   0.24   future     984   M-408   0.24   future     1001   M-423   0.24   future     1002   M-424   0.24   future     1005   M-427   0.24   future     1006   M-428   0.24   future     1007   M-431   0.24   future			••••	
971   M-397   0.24   future     972   M-398   0.24   future     973   M-399   0.24   future     974   M-4   0.24   future     976   M-400   0.24   future     977   M-401   0.24   future     978   M-402   0.24   future     979   M-403   0.24   future     980   M-404   0.24   future     981   M-405   0.24   future     982   M-406   0.24   future     983   M-407   0.24   future     1001   M-423   0.24   future     1002   M-424   0.24   future     1004   M-426   0.24   future     1005   M-427   0.24   future     1006   M-428   0.24   future     1007   M-429   0.24   future     1010   M-431   0.24   future     1011   M-432   0.24   future			-	
972   M-398   0.24   future     973   M-399   0.24   future     974   M-4   0.24   future     976   M-400   0.24   future     977   M-401   0.24   future     978   M-402   0.24   future     979   M-403   0.24   future     980   M-404   0.24   future     981   M-405   0.24   future     981   M-405   0.24   future     981   M-406   0.24   future     981   M-406   0.24   future     983   M-407   0.24   future     984   M-408   0.24   future     1001   M-423   0.24   future     1002   M-424   0.24   future     1005   M-427   0.24   future     1006   M-428   0.24   future     1007   M-430   0.24   future     1010   M-431   0.24   future			-	
973   M-399   0.24   future     974   M-4   0.24   future     976   M-400   0.24   future     977   M-401   0.24   future     978   M-402   0.24   future     979   M-403   0.24   future     980   M-404   0.24   future     981   M-405   0.24   future     982   M-406   0.24   future     983   M-407   0.24   future     984   M-408   0.24   future     1001   M-423   0.24   future     1002   M-424   0.24   future     1005   M-427   0.24   future     1006   M-428   0.24   future     1007   M-429   0.24   future     1010   M-431   0.24   future     1010   M-433   0.24   future     1011   M-435   0.24   future     1012   M-436   0.24   future <tr< td=""><td></td><td></td><td>••••</td><td></td></tr<>			••••	
974   M-4   0.24   future     976   M-400   0.24   future     977   M-401   0.24   future     978   M-402   0.24   future     979   M-403   0.24   future     980   M-404   0.24   future     981   M-405   0.24   future     982   M-406   0.24   future     983   M-407   0.24   future     984   M-408   0.24   future     1001   M-423   0.24   future     1002   M-424   0.24   future     1004   M-426   0.24   future     1005   M-427   0.24   future     1006   M-428   0.24   future     1007   M-429   0.24   future     1010   M-431   0.24   future     1011   M-432   0.24   future     1012   M-433   0.24   future     1013   M-436   0.24   future <t< td=""><td></td><td></td><td>-</td><td></td></t<>			-	
976M-4000.24future977M-4010.24future978M-4020.24future979M-4030.24future980M-4040.24future981M-4050.24future982M-4060.24future983M-4070.24future984M-4080.24future1001M-4230.24future1002M-4240.24future1005M-4270.24future1006M-4280.24future1007M-4290.24future1009M-4300.24future1010M-4310.24future1011M-4320.24future1012M-4330.24future1013M-4340.24future1014M-4350.24future1015M-4360.24future1016M-4370.24future1017M-4380.24future1018M-4390.24future1020M-4400.24future1021M-4430.24future1025M-4450.24future1026M-4450.24future1027M-4470.24future1028M-4480.24future1029M-4490.24future1021M-4480.24future <td></td> <td></td> <td>-</td> <td></td>			-	
977M-4010.24future978M-4020.24future979M-4030.24future980M-4040.24future981M-4050.24future982M-4060.24future983M-4070.24future984M-4080.24future1001M-4230.24future1002M-4240.24future1005M-4270.24future1006M-4280.24future1007M-4290.24future1009M-4310.24future1011M-4320.24future1012M-4330.24future1013M-4340.24future1014M-4350.24future1015M-4360.24future1016M-4370.24future1017M-4380.24future1018M-4390.24future1020M-4400.24future1021M-4430.24future1023M-4430.24future1024M-4440.24future1025M-4450.24future1026M-4460.24future1027M-4480.24future1028M-4480.24future1029M-4490.24future1031M-4500.24future <td>-</td> <td></td> <td>-</td> <td></td>	-		-	
978M-4020.24future979M-4030.24future980M-4040.24future981M-4050.24future982M-4060.24future983M-4070.24future984M-4080.24future1001M-4230.24future1002M-4240.24future1005M-4270.24future1006M-4280.24future1007M-4290.24future1010M-4310.24future1011M-4320.24future1012M-4330.24future1013M-4340.24future1014M-4350.24future1015M-4360.24future1016M-4370.24future1017M-4380.24future1018M-4390.24future1020M-4400.24future1021M-4410.24future1023M-4430.24future1024M-4440.24future1025M-4450.24future1026M-4460.24future1027M-4480.24future1028M-4480.24future1029M-4490.24future1031M-4500.24future			-	
979M-4030.24future980M-4040.24future981M-4050.24future982M-4060.24future983M-4070.24future984M-4080.24future1001M-4230.24future1002M-4240.24future1005M-4270.24future1006M-4280.24future1007M-4290.24future1010M-4310.24future1011M-4320.24future1012M-4330.24future1013M-4340.24future1016M-4370.24future1017M-4380.24future1018M-4390.24future1020M-4400.24future1021M-4430.24future1023M-4440.24future1024M-4440.24future1025M-4460.24future1026M-4480.24future1027M-4480.24future1028M-4480.24future1029M-4490.24future1031M-4500.24future		-	-	
980M-4040.24future981M-4050.24future982M-4060.24future983M-4070.24future984M-4080.24future1001M-4230.24future1002M-4240.24future1005M-4270.24future1006M-4280.24future1007M-4290.24future1010M-4310.24future1011M-4320.24future1012M-4330.24future1013M-4340.24future1014M-4350.24future1015M-4360.24future1016M-4370.24future1017M-4380.24future1018M-4390.24future1020M-4400.24future1021M-4430.24future1023M-4440.24future1024M-4440.24future1025M-4450.24future1026M-4480.24future1027M-4480.24future1028M-4480.24future1029M-4490.24future1031M-4500.24future		-		
981     M-405     0.24     future       982     M-406     0.24     future       983     M-407     0.24     future       984     M-408     0.24     future       1001     M-423     0.24     future       1002     M-424     0.24     future       1004     M-426     0.24     future       1005     M-427     0.24     future       1006     M-428     0.24     future       1007     M-429     0.24     future       1009     M-430     0.24     future       1010     M-431     0.24     future       1011     M-432     0.24     future       1012     M-433     0.24     future       1013     M-434     0.24     future       1014     M-435     0.24     future       1015     M-436     0.24     future       1016     M-437     0.24     future       1020     M-441     0.				
982M-4060.24future983M-4070.24future984M-4080.24future1001M-4230.24future1002M-4240.24future1004M-4260.24future1005M-4270.24future1006M-4280.24future1007M-4290.24future1009M-4300.24future1011M-4310.24future1012M-4330.24future1013M-4340.24future1016M-4370.24future1017M-4380.24future1018M-4390.24future1020M-4400.24future1021M-4410.24future1023M-4430.24future1024M-4440.24future1025M-4450.24future1026M-4480.24future1027M-4490.24future1028M-4480.24future1029M-4490.24future1021M-4480.24future			• • = •	
983M-4070.24future984M-4080.24future1001M-4230.24future1002M-4240.24future1005M-4270.24future1006M-4280.24future1007M-4290.24future1009M-4300.24future1011M-4310.24future1012M-4330.24future1013M-4340.24future1016M-4370.24future1017M-4380.24future1018M-4390.24future1020M-4400.24future1021M-4430.24future1023M-4440.24future1024M-4440.24future1025M-4450.24future1026M-4480.24future1027M-4480.24future1029M-4490.24future1029M-4490.24future1031M-4500.24future			-	
984M-4080.24future1001M-4230.24future1002M-4240.24future1004M-4260.24future1005M-4270.24future1006M-4280.24future1007M-4290.24future1009M-4300.24future1010M-4310.24future1011M-4320.24future1012M-4330.24future1013M-4340.24future1014M-4350.24future1015M-4360.24future1016M-4370.24future1017M-4380.24future1018M-4390.24future1020M-4400.24future1021M-4410.24future1023M-4430.24future1024M-4440.24future1025M-4450.24future1026M-4460.24future1027M-4470.24future1028M-4480.24future1029M-4490.24future1031M-4500.24future			-	
1001M-4230.24future1002M-4240.24future1004M-4260.24future1005M-4270.24future1006M-4280.24future1007M-4290.24future1009M-4300.24future1010M-4310.24future1011M-4320.24future1012M-4330.24future1013M-4340.24future1014M-4350.24future1015M-4360.24future1016M-4370.24future1017M-4380.24future1018M-4390.24future1020M-4400.24future1021M-4410.24future1023M-4430.24future1024M-4440.24future1025M-4450.24future1026M-4460.24future1027M-4470.24future1028M-4480.24future1029M-4490.24future1031M-4500.24future		-	-	
1002M-4240.24future1004M-4260.24future1005M-4270.24future1006M-4280.24future1007M-4290.24future1009M-4300.24future1010M-4310.24future1011M-4320.24future1012M-4330.24future1013M-4340.24future1014M-4350.24future1015M-4360.24future1016M-4370.24future1017M-4380.24future1018M-4390.24future1020M-4400.24future1021M-4410.24future1023M-4430.24future1024M-4440.24future1025M-4450.24future1026M-4460.24future1027M-4480.24future1028M-4490.24future1029M-4490.24future1021M-4480.24future			-	
1004M-4260.24future1005M-4270.24future1006M-4280.24future1007M-4290.24future1009M-4300.24future1010M-4310.24future1011M-4320.24future1012M-4330.24future1013M-4340.24future1014M-4350.24future1015M-4360.24future1016M-4370.24future1017M-4380.24future1018M-4390.24future1020M-4400.24future1021M-4410.24future1023M-4430.24future1024M-4440.24future1025M-4450.24future1026M-4460.24future1027M-4470.24future1028M-4480.24future1029M-4490.24future1031M-4500.24future			-	
1005M-4270.24future1006M-4280.24future1007M-4290.24future1009M-4300.24future1010M-4310.24future1011M-4320.24future1012M-4330.24future1013M-4340.24future1014M-4350.24future1015M-4360.24future1016M-4370.24future1017M-4380.24future1018M-4390.24future1020M-4400.24future1021M-4410.24future1023M-4430.24future1024M-4440.24future1025M-4450.24future1026M-4460.24future1027M-4470.24future1028M-4480.24future1029M-4490.24future1031M-4500.24future			-	
1006M-4280.24future1007M-4290.24future1009M-4300.24future1010M-4310.24future1011M-4320.24future1012M-4330.24future1013M-4340.24future1014M-4350.24future1015M-4360.24future1016M-4370.24future1017M-4380.24future1018M-4390.24future1020M-4400.24future1021M-4410.24future1023M-4430.24future1024M-4440.24future1025M-4450.24future1026M-4460.24future1027M-4470.24future1028M-4480.24future1029M-4490.24future1031M-4500.24future			-	
1007M-4290.24future1009M-4300.24future1010M-4310.24future1011M-4320.24future1012M-4330.24future1013M-4340.24future1014M-4350.24future1015M-4360.24future1016M-4370.24future1017M-4380.24future1018M-4390.24future1020M-4400.24future1021M-4410.24future1023M-4430.24future1024M-4440.24future1025M-4450.24future1026M-4460.24future1027M-4470.24future1028M-4480.24future1029M-4490.24future1031M-4500.24future			-	
1009M-4300.24future1010M-4310.24future1011M-4320.24future1012M-4330.24future1013M-4340.24future1014M-4350.24future1015M-4360.24future1016M-4370.24future1017M-4380.24future1018M-4390.24future1020M-4400.24future1021M-4410.24future1023M-4430.24future1024M-4440.24future1025M-4450.24future1026M-4480.24future1028M-4480.24future1029M-4490.24future1031M-4500.24future		-	-	
1010M-4310.24future1011M-4320.24future1012M-4330.24future1013M-4340.24future1014M-4350.24future1015M-4360.24future1016M-4370.24future1017M-4380.24future1018M-4390.24future1020M-4400.24future1021M-4410.24future1023M-4430.24future1024M-4440.24future1025M-4450.24future1026M-4480.24future1028M-4480.24future1029M-4490.24future1031M-4500.24future		-	-	
1011M-4320.24future1012M-4330.24future1013M-4340.24future1014M-4350.24future1015M-4360.24future1016M-4370.24future1017M-4380.24future1018M-4390.24future1020M-4400.24future1021M-4410.24future1023M-4430.24future1024M-4440.24future1025M-4450.24future1026M-4480.24future1028M-4480.24future1029M-4490.24future1031M-4500.24future			-	
1012M-4330.24future1013M-4340.24future1014M-4350.24future1015M-4360.24future1016M-4370.24future1017M-4380.24future1018M-4390.24future1020M-4400.24future1021M-4410.24future1022M-4420.24future1023M-4430.24future1024M-4440.24future1025M-4450.24future1026M-4480.24future1028M-4480.24future1029M-4490.24future1031M-4500.24future			-	
1013M-4340.24future1014M-4350.24future1015M-4360.24future1016M-4370.24future1017M-4380.24future1018M-4390.24future1020M-4400.24future1021M-4410.24future1022M-4420.24future1023M-4430.24future1024M-4440.24future1025M-4450.24future1026M-4460.24future1027M-4480.24future1028M-4490.24future1029M-4490.24future1031M-4500.24future	-	-	-	
1014M-4350.24future1015M-4360.24future1016M-4370.24future1017M-4380.24future1018M-4390.24future1020M-4400.24future1021M-4410.24future1022M-4420.24future1023M-4430.24future1024M-4440.24future1025M-4450.24future1026M-4460.24future1028M-4480.24future1029M-4490.24future1031M-4500.24future			-	
1015M-4360.24future1016M-4370.24future1017M-4380.24future1018M-4390.24future1020M-4400.24future1021M-4410.24future1022M-4420.24future1023M-4430.24future1024M-4440.24future1025M-4450.24future1026M-4460.24future1027M-4470.24future1028M-4480.24future1029M-4490.24future1031M-4500.24future			-	
1016   M-437   0.24   future     1017   M-438   0.24   future     1018   M-439   0.24   future     1020   M-440   0.24   future     1021   M-441   0.24   future     1022   M-442   0.24   future     1023   M-443   0.24   future     1024   M-444   0.24   future     1025   M-445   0.24   future     1026   M-446   0.24   future     1027   M-447   0.24   future     1028   M-448   0.24   future     1029   M-449   0.24   future     1029   M-449   0.24   future	-	M-435	0.24	future
1017M-4380.24future1018M-4390.24future1020M-4400.24future1021M-4410.24future1022M-4420.24future1023M-4430.24future1024M-4440.24future1025M-4450.24future1026M-4460.24future1027M-4470.24future1028M-4480.24future1029M-4490.24future1031M-4500.24future			-	
1018M-4390.24future1020M-4400.24future1021M-4410.24future1022M-4420.24future1023M-4430.24future1024M-4440.24future1025M-4450.24future1026M-4460.24future1027M-4470.24future1028M-4480.24future1029M-4490.24future1031M-4500.24future			-	future
1020M-4400.24future1021M-4410.24future1022M-4420.24future1023M-4430.24future1024M-4440.24future1025M-4450.24future1026M-4460.24future1027M-4470.24future1028M-4480.24future1029M-4490.24future1031M-4500.24future	1017	M-438	0.24	
1021M-4410.24future1022M-4420.24future1023M-4430.24future1024M-4440.24future1025M-4450.24future1026M-4460.24future1027M-4470.24future1028M-4480.24future1029M-4490.24future1031M-4500.24future		M-439	-	
1022M-4420.24future1023M-4430.24future1024M-4440.24future1025M-4450.24future1026M-4460.24future1027M-4470.24future1028M-4480.24future1029M-4490.24future1031M-4500.24future	1020	M-440	0.24	future
1023M-4430.24future1024M-4440.24future1025M-4450.24future1026M-4460.24future1027M-4470.24future1028M-4480.24future1029M-4490.24future1031M-4500.24future	1021	M-441	0.24	future
1024M-4440.24future1025M-4450.24future1026M-4460.24future1027M-4470.24future1028M-4480.24future1029M-4490.24future1031M-4500.24future	1022	M-442	0.24	future
1025M-4450.24future1026M-4460.24future1027M-4470.24future1028M-4480.24future1029M-4490.24future1031M-4500.24future	1023		0.24	future
1026M-4460.24future1027M-4470.24future1028M-4480.24future1029M-4490.24future1031M-4500.24future	1024	M-444	0.24	future
1027M-4470.24future1028M-4480.24future1029M-4490.24future1031M-4500.24future	1025	M-445	0.24	future
1028     M-448     0.24     future       1029     M-449     0.24     future       1031     M-450     0.24     future	1026	M-446	0.24	future
1029     M-449     0.24     future       1031     M-450     0.24     future	1027	M-447	0.24	future
1031 M-450 0.24 future	1028	M-448	0.24	future
1031 M-450 0.24 future	1029	M-449	0.24	future
1032 M-451 0.24 future	1031	M-450	0.24	future
	1032	M-451	0.24	future

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666 SewerGEMS [10.02.03.03] Page 37 of 57

#### Property Connection Table - Time: 0.00 hours

ID	Label	Base Flow	Notes
		(gal/min)	
1033	M-452	0.24	future
1034	M-453	0.24	future
1035	M-454	0.24	future
1036	M-455	0.24	future
1037	M-456	0.24	future
1038	M-457	0.24	future
1059	M-64	0.24	future
1060	M-65	0.24	future
1065	M-7	0.24	future
1079	M-82	0.48	future
1081	M-84	0.24	
1088	M-90	0.24	future
1089	M-91	0.24	future
1090	M-92	0.24	future
1091	M-93	0.24	future
1092	M-94	0.48	future
1093	M-95	0.48	future
1095	M-97	0.24	future
1261	PC-8	0.48	future
1262	PC-9	0.48	future
1263	PC-10	0.48	future
1264	PC-11	0.48	future
1272	PC-19	0.48	future
1273	PC-20	0.48	future
1274	PC-21	0.48	future
1275	PC-22	0.48	future
1276	PC-23	0.48	future
1279	PC-26	0.48	future
1280	PC-27	0.48	future
1281	PC-28	0.48	future
1282	PC-29	0.48	future
1283	PC-30	0.48	future
1284	PC-31	0.48	future
1286	PC-33	0.48	future
1287	PC-34	0.48	future
1288	PC-35	0.48	future
1289	PC-36	0.48	future
1290	PC-37	0.48	future
1291	PC-38	0.48	future
1292	PC-39	0.48	future
1293	PC-40	0.48	future
1294	PC-41	0.48	future
1295	PC-42	0.48	future
1295	PC-44	0.48	future
1298	PC-45	0.48	future
1298	PC-46	0.48	future
1300	PC-46 PC-47	0.48	future
1300		0.48	iuture

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666 SewerGEMS [10.02.03.03] Page 38 of 57

#### Property Connection Table - Time: 0.00 hours

ID	Label	Base Flow	Notes
		(gal/min)	
1301	PC-48	0.48	future
1302	PC-49	0.48	future
1303	PC-50	0.48	future
1304	PC-51	0.48	future
1305	PC-52	0.48	future
1306	PC-53	0.48	future
1307	PC-54	0.48	future
1308	PC-55	0.48	future
1309	PC-56	0.48	future
1310	PC-57	0.48	future
1311	PC-58	0.48	future
1312	PC-59	0.48	future
1313	PC-60	0.48	future
1314	PC-61	0.48	future
1315	PC-62	0.48	future
1316	PC-63	0.48	future
1317	PC-64	0.48	future
1318	PC-65	0.48	future
1319	PC-66	0.48	future
1341	PC-88	0.24	future
1342	PC-89	0.24	future
1343	PC-90	0.24	future
1344	PC-91	0.24	future
1345	PC-92	0.24	future
1347	PC-94	0.24	future
1348	PC-95	0.24	future
1349	PC-96	0.24	future
1350	PC-97	0.24	future
1351	PC-98	0.24	future
1353	PC-100	0.24	future
1355	PC-102	0.24	future
1356	PC-103	0.24	future
1357	PC-104	0.24	future
1358	PC-105	0.24	future
1359	PC-106	0.24	future
1361	PC-108	0.24	future
1362	PC-109	0.24	future
1363	PC-110	0.24	future
1364	PC-111	0.24	future
1365	PC-112	0.24	future
1366	PC-113	0.24	future
1367	PC-114	0.24	future
1368	PC-115	0.24	future
1369	PC-116	0.24	future
1370	PC-117	0.24	future
1371	PC-118	0.24	future
1372	PC-119	0.24	future
•	•	•	•

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666 SewerGEMS [10.02.03.03] Page 39 of 57

#### Property Connection Table - Time: 0.00 hours

IDLabelBase Flow (gal/min)Notes1373PC-120 $0.24$ future1374PC-121 $0.24$ future1375PC-122 $0.24$ future1376PC-123 $0.24$ future1378PC-126 $0.24$ future1379PC-126 $0.24$ future1380PC-127 $0.24$ future1381PC-128 $0.24$ future1382PC-130 $0.24$ future1383PC-131 $0.24$ future1384PC-131 $0.24$ future1385PC-132 $0.24$ future1386PC-133 $0.24$ future1387PC-134 $0.24$ future1389PC-136 $0.24$ future1390PC-137 $0.24$ future1391PC-138 $0.24$ future1392PC-140 $0.24$ future1393PC-145 $0.24$ future1394PC-151 $0.24$ future1395PC-144 $0.24$ future1400PC-147 $0.24$ future1401PC-151 $0.24$ future1402PC-152 $0.24$ future1403PC-152 $0.24$ future1404PC-151 $0.24$ future1405PC-152 $0.24$ future1406PC-153 $0.24$ future1407PC-164 $0.24$ future1408 </th <th></th> <th></th> <th></th> <th></th>				
1374PC-121 $0.24$ future1375PC-122 $0.24$ future1376PC-123 $0.24$ future1377PC-124 $0.24$ future1378PC-125 $0.24$ future1379PC-126 $0.24$ future1380PC-127 $0.24$ future1381PC-128 $0.24$ future1382PC-130 $0.24$ future1384PC-131 $0.24$ future1385PC-132 $0.24$ future1386PC-133 $0.24$ future1387PC-134 $0.24$ future1388PC-135 $0.24$ future1390PC-137 $0.24$ future1391PC-138 $0.24$ future1392PC-140 $0.24$ future1393PC-140 $0.24$ future1394PC-144 $0.24$ future1395PC-146 $0.24$ future1396PC-147 $0.24$ future1397PC-144 $0.24$ future1400PC-157 $0.24$ future1401PC-158 $0.24$ future1402PC-159 $0.24$ future1403PC-150 $0.24$ future1404PC-151 $0.24$ future1405PC-152 $0.24$ future1406PC-155 $0.24$ future1407PC-156 $0.24$ future1408PC-157	ID	Label	Base Flow (gal/min)	Notes
1375   PC-122   0.24   future     1376   PC-123   0.24   future     1377   PC-124   0.24   future     1378   PC-125   0.24   future     1379   PC-126   0.24   future     1380   PC-127   0.24   future     1381   PC-128   0.24   future     1382   PC-129   0.24   future     1383   PC-130   0.24   future     1384   PC-131   0.24   future     1385   PC-132   0.24   future     1384   PC-131   0.24   future     1385   PC-132   0.24   future     1386   PC-135   0.24   future     1389   PC-136   0.24   future     1390   PC-137   0.24   future     1391   PC-144   0.24   future     1393   PC-144   0.24   future     1394   PC-145   0.24   future     1400   PC-147   0.24	1373	PC-120	0.24	future
1376PC-123 $0.24$ future1377PC-124 $0.24$ future1378PC-125 $0.24$ future1379PC-126 $0.24$ future1380PC-127 $0.24$ future1381PC-128 $0.24$ future1382PC-129 $0.24$ future1383PC-130 $0.24$ future1384PC-131 $0.24$ future1385PC-132 $0.24$ future1386PC-133 $0.24$ future1387PC-134 $0.24$ future1388PC-135 $0.24$ future1390PC-137 $0.24$ future1391PC-138 $0.24$ future1392PC-140 $0.24$ future1393PC-144 $0.24$ future1394PC-145 $0.24$ future1395PC-144 $0.24$ future1396PC-145 $0.24$ future1397PC-144 $0.24$ future1400PC-147 $0.24$ future1401PC-151 $0.24$ future1402PC-152 $0.24$ future1403PC-152 $0.24$ future1404PC-151 $0.24$ future1405PC-152 $0.24$ future1406PC-153 $0.24$ future1407PC-154 $0.24$ future1408PC-157 $0.24$ future1410PC-157	1374	PC-121	0.24	future
1377PC-124 $0.24$ future1378PC-125 $0.24$ future1379PC-126 $0.24$ future1380PC-127 $0.24$ future1381PC-128 $0.24$ future1382PC-129 $0.24$ future1383PC-130 $0.24$ future1384PC-131 $0.24$ future1385PC-132 $0.24$ future1386PC-133 $0.24$ future1387PC-134 $0.24$ future1388PC-135 $0.24$ future1390PC-137 $0.24$ future1391PC-138 $0.24$ future1392PC-139 $0.24$ future1393PC-140 $0.24$ future1396PC-145 $0.24$ future1397PC-144 $0.24$ future1400PC-147 $0.24$ future1401PC-188 $0.24$ future1402PC-199 $0.24$ future1403PC-151 $0.24$ future1404PC-151 $0.24$ future1405PC-152 $0.24$ future1406PC-155 $0.24$ future1407PC-154 $0.24$ future1408PC-155 $0.24$ future1409PC-156 $0.24$ future1409PC-166 $0.24$ future1410PC-158 $0.24$ future1411PC-168	1375	PC-122	0.24	future
1378   PC-125   0.24   future     1379   PC-126   0.24   future     1380   PC-127   0.24   future     1381   PC-128   0.24   future     1382   PC-129   0.24   future     1383   PC-130   0.24   future     1384   PC-131   0.24   future     1385   PC-132   0.24   future     1386   PC-133   0.24   future     1387   PC-134   0.24   future     1388   PC-135   0.24   future     1389   PC-136   0.24   future     1390   PC-137   0.24   future     1391   PC-138   0.24   future     1392   PC-143   0.24   future     1393   PC-144   0.24   future     1398   PC-145   0.24   future     1400   PC-148   0.24   future     1401   PC-151   0.24   future     1402   PC-144   0.24	1376	PC-123	0.24	future
1379PC-1260.24future1380PC-1270.24future1381PC-1280.24future1382PC-1290.24future1383PC-1300.24future1384PC-1310.24future1385PC-1320.24future1386PC-1330.24future1387PC-1340.24future1388PC-1350.24future1390PC-1370.24future1391PC-1380.24future1392PC-1390.24future1393PC-1400.24future1394PC-1370.24future1395PC-1440.24future1396PC-1440.24future1397PC-1440.24future1398PC-1450.24future1400PC-1470.24future1401PC-1480.24future1402PC-1510.24future1403PC-1520.24future1404PC-1510.24future1405PC-1520.24future1406PC-1530.24future1407PC-1540.24future1408PC-1570.24future1409PC-1560.24future1410PC-1580.24future1411PC-1610.24future1412PC	1377	PC-124	0.24	future
1380   PC-127   0.24   future     1381   PC-128   0.24   future     1382   PC-129   0.24   future     1383   PC-130   0.24   future     1384   PC-131   0.24   future     1385   PC-132   0.24   future     1386   PC-133   0.24   future     1387   PC-134   0.24   future     1388   PC-135   0.24   future     1389   PC-136   0.24   future     1390   PC-137   0.24   future     1391   PC-138   0.24   future     1392   PC-137   0.24   future     1393   PC-140   0.24   future     1393   PC-144   0.24   future     1398   PC-145   0.24   future     1400   PC-148   0.24   future     1401   PC-151   0.24   future     1403   PC-152   0.24   future     1404   PC-155   0.24	1378	PC-125	0.24	future
1381   PC-128   0.24   future     1382   PC-129   0.24   future     1383   PC-130   0.24   future     1384   PC-131   0.24   future     1385   PC-132   0.24   future     1386   PC-133   0.24   future     1387   PC-134   0.24   future     1388   PC-135   0.24   future     1389   PC-136   0.24   future     1390   PC-137   0.24   future     1391   PC-138   0.24   future     1392   PC-139   0.24   future     1393   PC-140   0.24   future     1393   PC-146   0.24   future     1398   PC-145   0.24   future     1400   PC-147   0.24   future     1401   PC-148   0.24   future     1402   PC-149   0.24   future     1404   PC-151   0.24   future     1405   PC-152   0.24	1379	PC-126	0.24	future
1382PC-129 $0.24$ future1383PC-130 $0.24$ future1384PC-131 $0.24$ future1385PC-132 $0.24$ future1386PC-133 $0.24$ future1387PC-134 $0.24$ future1388PC-135 $0.24$ future1389PC-136 $0.24$ future1390PC-137 $0.24$ future1391PC-138 $0.24$ future1392PC-139 $0.24$ future1393PC-140 $0.24$ future1394PC-151 $0.24$ future1395PC-140 $0.24$ future1396PC-147 $0.24$ future1397PC-144 $0.24$ future1398PC-145 $0.24$ future1400PC-147 $0.24$ future1401PC-148 $0.24$ future1402PC-149 $0.24$ future1403PC-150 $0.24$ future1404PC-151 $0.24$ future1405PC-152 $0.24$ future1406PC-153 $0.24$ future1407PC-154 $0.24$ future1408PC-157 $0.24$ future1410PC-157 $0.24$ future1411PC-163 $0.24$ future1412PC-161 $0.24$ future1413PC-160 $0.24$ future1414PC-163	1380	PC-127	0.24	future
1383PC-130 $0.24$ future1384PC-131 $0.24$ future1385PC-132 $0.24$ future1386PC-133 $0.24$ future1387PC-134 $0.24$ future1388PC-135 $0.24$ future1389PC-136 $0.24$ future1390PC-137 $0.24$ future1391PC-138 $0.24$ future1392PC-140 $0.24$ future1393PC-140 $0.24$ future1399PC-144 $0.24$ future1399PC-145 $0.24$ future1400PC-147 $0.24$ future1401PC-148 $0.24$ future1402PC-149 $0.24$ future1403PC-150 $0.24$ future1404PC-151 $0.24$ future1405PC-152 $0.24$ future1406PC-153 $0.24$ future1407PC-154 $0.24$ future1408PC-155 $0.24$ future1410PC-157 $0.24$ future1411PC-168 $0.24$ future1412PC-161 $0.24$ future1413PC-166 $0.24$ future1414PC-161 $0.24$ future1415PC-162 $0.24$ future1416PC-166 $0.24$ future1419PC-166 $0.24$ future1414PC-161	1381	PC-128	0.24	future
1384PC-131 $0.24$ future1385PC-132 $0.24$ future1386PC-133 $0.24$ future1387PC-134 $0.24$ future1388PC-135 $0.24$ future1389PC-136 $0.24$ future1390PC-137 $0.24$ future1391PC-138 $0.24$ future1392PC-139 $0.24$ future1393PC-140 $0.24$ future1397PC-144 $0.24$ future1398PC-145 $0.24$ future1400PC-147 $0.24$ future1401PC-148 $0.24$ future1402PC-149 $0.24$ future1403PC-150 $0.24$ future1404PC-151 $0.24$ future1405PC-152 $0.24$ future1406PC-153 $0.24$ future1407PC-154 $0.24$ future1408PC-155 $0.24$ future1410PC-157 $0.24$ future1411PC-156 $0.24$ future1412PC-161 $0.24$ future1413PC-162 $0.24$ future1414PC-163 $0.24$ future1415PC-167 $0.24$ future1416PC-167 $0.24$ future1419PC-166 $0.24$ future1412PC-168 $0.24$ future1414PC-161	1382	PC-129	0.24	future
1385PC-132 $0.24$ future1386PC-133 $0.24$ future1387PC-134 $0.24$ future1388PC-135 $0.24$ future1389PC-136 $0.24$ future1390PC-137 $0.24$ future1391PC-138 $0.24$ future1392PC-139 $0.24$ future1393PC-140 $0.24$ future1393PC-140 $0.24$ future1398PC-145 $0.24$ future1399PC-146 $0.24$ future1400PC-147 $0.24$ future1401PC-148 $0.24$ future1402PC-149 $0.24$ future1403PC-150 $0.24$ future1404PC-151 $0.24$ future1405PC-152 $0.24$ future1406PC-153 $0.24$ future1407PC-154 $0.24$ future1408PC-155 $0.24$ future1410PC-157 $0.24$ future1411PC-156 $0.24$ future1412PC-160 $0.24$ future1413PC-161 $0.24$ future1414PC-163 $0.24$ future1415PC-163 $0.24$ future1419PC-166 $0.24$ future1419PC-166 $0.24$ future1412PC-168 $0.24$ future1413PC-166	1383	PC-130	0.24	future
1386PC-133 $0.24$ future1387PC-134 $0.24$ future1388PC-135 $0.24$ future1389PC-136 $0.24$ future1390PC-137 $0.24$ future1391PC-138 $0.24$ future1392PC-139 $0.24$ future1393PC-140 $0.24$ future1394PC-145 $0.24$ future1395PC-146 $0.24$ future1398PC-145 $0.24$ future1400PC-147 $0.24$ future1401PC-148 $0.24$ future1402PC-149 $0.24$ future1403PC-150 $0.24$ future1404PC-151 $0.24$ future1405PC-152 $0.24$ future1406PC-153 $0.24$ future1407PC-154 $0.24$ future1408PC-157 $0.24$ future1410PC-158 $0.24$ future1411PC-158 $0.24$ future1412PC-160 $0.24$ future1413PC-160 $0.24$ future1414PC-161 $0.24$ future1415PC-162 $0.24$ future1416PC-163 $0.24$ future1419PC-166 $0.24$ future1420PC-167 $0.24$ future1421PC-168 $0.24$ future1422PC-169	1384	PC-131	0.24	future
1387     PC-134     0.24     future       1388     PC-135     0.24     future       1389     PC-136     0.24     future       1390     PC-137     0.24     future       1391     PC-138     0.24     future       1392     PC-139     0.24     future       1393     PC-140     0.24     future       1397     PC-144     0.24     future       1398     PC-145     0.24     future       1399     PC-146     0.24     future       1400     PC-147     0.24     future       1401     PC-148     0.24     future       1402     PC-149     0.24     future       1403     PC-150     0.24     future       1404     PC-151     0.24     future       1405     PC-152     0.24     future       1406     PC-153     0.24     future       1407     PC-156     0.24     future       1408     PC-	1385	PC-132	0.24	future
1388PC-1350.24future1389PC-1360.24future1390PC-1370.24future1391PC-1380.24future1392PC-1390.24future1393PC-1400.24future1397PC-1440.24future1398PC-1450.24future1399PC-1460.24future1400PC-1470.24future1401PC-1480.24future1402PC-1490.24future1403PC-1500.24future1404PC-1510.24future1405PC-1520.24future1406PC-1530.24future1407PC-1540.24future1408PC-1550.24future1410PC-1570.24future1411PC-1580.24future1412PC-1600.24future1413PC-1600.24future1414PC-1610.24future1415PC-1620.24future1416PC-1630.24future1419PC-1660.24future1420PC-1670.24future1421PC-1680.24future1422PC-1690.24future1423PC-1700.24future	1386	PC-133	0.24	future
1389PC-136 $0.24$ future1390PC-137 $0.24$ future1391PC-138 $0.24$ future1392PC-139 $0.24$ future1393PC-140 $0.24$ future1397PC-144 $0.24$ future1398PC-145 $0.24$ future1399PC-146 $0.24$ future1400PC-147 $0.24$ future1401PC-148 $0.24$ future1402PC-149 $0.24$ future1403PC-150 $0.24$ future1404PC-151 $0.24$ future1405PC-152 $0.24$ future1406PC-153 $0.24$ future1407PC-154 $0.24$ future1408PC-155 $0.24$ future1410PC-157 $0.24$ future1411PC-158 $0.24$ future1412PC-159 $0.24$ future1413PC-160 $0.24$ future1414PC-161 $0.24$ future1415PC-162 $0.24$ future1416PC-163 $0.24$ future1419PC-166 $0.24$ future1420PC-167 $0.24$ future1421PC-168 $0.24$ future1422PC-169 $0.24$ future1423PC-170 $0.24$ future	1387	PC-134	0.24	future
1390PC-1370.24future1391PC-1380.24future1392PC-1390.24future1393PC-1400.24future1397PC-1440.24future1398PC-1450.24future1399PC-1460.24future1400PC-1470.24future1401PC-1480.24future1402PC-1490.24future1403PC-1510.24future1404PC-1510.24future1405PC-1520.24future1406PC-1530.24future1407PC-1540.24future1408PC-1550.24future1410PC-1570.24future1411PC-1580.24future1412PC-1590.24future1413PC-1600.24future1414PC-1610.24future1415PC-1620.24future1416PC-1630.24future1419PC-1660.24future1420PC-1670.24future1421PC-1680.24future1422PC-1690.24future1423PC-1700.24future	1388	PC-135	0.24	future
1391PC-1380.24future1392PC-1390.24future1393PC-1400.24future1397PC-1440.24future1398PC-1450.24future1399PC-1460.24future1400PC-1470.24future1401PC-1480.24future1402PC-1490.24future1403PC-1500.24future1404PC-1510.24future1405PC-1520.24future1406PC-1530.24future1407PC-1540.24future1408PC-1550.24future1409PC-1560.24future1410PC-1570.24future1411PC-1580.24future1412PC-1600.24future1413PC-1600.24future1414PC-1610.24future1415PC-1620.24future1416PC-1630.24future1419PC-1660.24future1420PC-1670.24future1421PC-1680.24future1422PC-1690.24future	1389	PC-136	0.24	future
1392PC-1390.24future1393PC-1400.24future1397PC-1440.24future1398PC-1450.24future1399PC-1460.24future1400PC-1470.24future1401PC-1480.24future1402PC-1490.24future1403PC-1500.24future1404PC-1510.24future1405PC-1520.24future1406PC-1530.24future1407PC-1540.24future1408PC-1550.24future1409PC-1560.24future1410PC-1570.24future1411PC-1600.24future1412PC-1600.24future1413PC-1600.24future1414PC-1610.24future1415PC-1630.24future1416PC-1630.24future1417PC-1660.24future1418PC-1660.24future1419PC-1660.24future1419PC-1660.24future1420PC-1670.24future1421PC-1680.24future1423PC-1700.24future	1390	PC-137	0.24	future
1393PC-1400.24future1397PC-1440.24future1398PC-1450.24future1399PC-1460.24future1400PC-1470.24future1401PC-1480.24future1402PC-1490.24future1403PC-1500.24future1404PC-1510.24future1405PC-1520.24future1406PC-1530.24future1407PC-1540.24future1408PC-1550.24future1409PC-1560.24future1410PC-1570.24future1411PC-1610.24future1412PC-1600.24future1413PC-1600.24future1414PC-1610.24future1415PC-1630.24future1416PC-1630.24future1419PC-1660.24future1420PC-1670.24future1421PC-1680.24future1423PC-1700.24future	1391	PC-138	0.24	future
1397PC-144 $0.24$ future1398PC-145 $0.24$ future1399PC-146 $0.24$ future1400PC-147 $0.24$ future1401PC-148 $0.24$ future1402PC-149 $0.24$ future1403PC-150 $0.24$ future1404PC-151 $0.24$ future1405PC-152 $0.24$ future1406PC-153 $0.24$ future1407PC-154 $0.24$ future1408PC-155 $0.24$ future1409PC-156 $0.24$ future1410PC-157 $0.24$ future1411PC-158 $0.24$ future1412PC-159 $0.24$ future1413PC-160 $0.24$ future1414PC-161 $0.24$ future1415PC-162 $0.24$ future1416PC-163 $0.24$ future1419PC-166 $0.24$ future1420PC-167 $0.24$ future1421PC-168 $0.24$ future1422PC-169 $0.24$ future1423PC-170 $0.24$ future	1392	PC-139	0.24	future
1398PC-1450.24future1399PC-1460.24future1400PC-1470.24future1401PC-1480.24future1402PC-1490.24future1403PC-1500.24future1404PC-1510.24future1405PC-1520.24future1406PC-1530.24future1407PC-1540.24future1408PC-1550.24future1409PC-1560.24future1410PC-1570.24future1411PC-1680.24future1412PC-1590.24future1413PC-1600.24future1414PC-1610.24future1415PC-1630.24future1416PC-1630.24future1419PC-1660.24future1412PC-1680.24future1413PC-1660.24future1414PC-1610.24future1415PC-1630.24future1416PC-1630.24future1420PC-1670.24future1421PC-1680.24future1422PC-1690.24future1423PC-1700.24future	1393	PC-140	0.24	future
1399PC-146 $0.24$ future1400PC-147 $0.24$ future1401PC-148 $0.24$ future1402PC-149 $0.24$ future1403PC-150 $0.24$ future1404PC-151 $0.24$ future1405PC-152 $0.24$ future1406PC-153 $0.24$ future1407PC-154 $0.24$ future1408PC-155 $0.24$ future1409PC-156 $0.24$ future1410PC-157 $0.24$ future1411PC-158 $0.24$ future1412PC-159 $0.24$ future1413PC-160 $0.24$ future1414PC-161 $0.24$ future1415PC-162 $0.24$ future1419PC-166 $0.24$ future1419PC-166 $0.24$ future1420PC-167 $0.24$ future1421PC-168 $0.24$ future1423PC-170 $0.24$ future	1397	PC-144	0.24	future
1400PC-147 $0.24$ future1401PC-148 $0.24$ future1402PC-149 $0.24$ future1403PC-150 $0.24$ future1404PC-151 $0.24$ future1405PC-152 $0.24$ future1406PC-151 $0.24$ future1406PC-152 $0.24$ future1407PC-152 $0.24$ future1408PC-155 $0.24$ future1409PC-156 $0.24$ future1410PC-157 $0.24$ future1411PC-158 $0.24$ future1412PC-159 $0.24$ future1413PC-160 $0.24$ future1414PC-161 $0.24$ future1415PC-162 $0.24$ future1419PC-166 $0.24$ future1420PC-167 $0.24$ future1421PC-168 $0.24$ future1423PC-170 $0.24$ future	1398	PC-145	0.24	future
1401PC-1480.24future1402PC-1490.24future1403PC-1500.24future1404PC-1510.24future1405PC-1520.24future1406PC-1530.24future1407PC-1540.24future1408PC-1550.24future1409PC-1560.24future1410PC-1570.24future1411PC-1580.24future1412PC-1610.24future1413PC-1600.24future1414PC-1610.24future1415PC-1620.24future1416PC-1630.24future1419PC-1660.24future1420PC-1670.24future1421PC-1680.24future1422PC-1690.24future1423PC-1700.24future	1399	PC-146	0.24	future
1402PC-1490.24future1403PC-1500.24future1404PC-1510.24future1405PC-1520.24future1406PC-1530.24future1407PC-1540.24future1408PC-1550.24future1409PC-1560.24future1410PC-1570.24future1411PC-1580.24future1412PC-1590.24future1413PC-1600.24future1414PC-1610.24future1415PC-1620.24future1416PC-1630.24future1419PC-1660.24future1420PC-1670.24future1421PC-1680.24future1422PC-1690.24future1423PC-1700.24future	1400	PC-147	0.24	future
1403PC-1500.24future1404PC-1510.24future1405PC-1520.24future1406PC-1530.24future1407PC-1540.24future1408PC-1550.24future1409PC-1560.24future1410PC-1570.24future1411PC-1580.24future1412PC-1590.24future1413PC-1610.24future1414PC-1610.24future1415PC-1620.24future1416PC-1630.24future1419PC-1660.24future1420PC-1670.24future1421PC-1680.24future1422PC-1690.24future1423PC-1700.24future	1401	PC-148	0.24	future
1404PC-1510.24future1405PC-1520.24future1406PC-1530.24future1407PC-1540.24future1408PC-1550.24future1409PC-1560.24future1410PC-1570.24future1411PC-1580.24future1412PC-1590.24future1413PC-1600.24future1414PC-1610.24future1415PC-1620.24future1416PC-1630.24future1419PC-1660.24future1420PC-1670.24future1421PC-1680.24future1422PC-1690.24future1423PC-1700.24future	1402	PC-149	0.24	future
1405PC-1520.24future1406PC-1530.24future1407PC-1540.24future1408PC-1550.24future1409PC-1560.24future1410PC-1570.24future1411PC-1580.24future1412PC-1590.24future1413PC-1610.24future1414PC-1610.24future1415PC-1620.24future1416PC-1630.24future1419PC-1660.24future1420PC-1670.24future1421PC-1680.24future1422PC-1690.24future1423PC-1700.24future	1403	PC-150	0.24	future
1406PC-1530.24future1407PC-1540.24future1408PC-1550.24future1409PC-1560.24future1410PC-1570.24future1411PC-1580.24future1412PC-1590.24future1413PC-1600.24future1414PC-1610.24future1415PC-1620.24future1416PC-1630.24future1419PC-1660.24future1420PC-1670.24future1421PC-1680.24future1422PC-1690.24future1423PC-1700.24future	1404	PC-151	0.24	future
1407PC-1540.24future1408PC-1550.24future1409PC-1560.24future1410PC-1570.24future1411PC-1580.24future1412PC-1590.24future1413PC-1600.24future1414PC-1610.24future1415PC-1620.24future1416PC-1630.24future1419PC-1660.24future1420PC-1670.24future1421PC-1680.24future1422PC-1690.24future1423PC-1700.24future	1405		0.24	future
1408PC-1550.24future1409PC-1560.24future1410PC-1570.24future1411PC-1580.24future1412PC-1590.24future1413PC-1600.24future1414PC-1610.24future1415PC-1620.24future1416PC-1630.24future1419PC-1660.24future1420PC-1670.24future1421PC-1680.24future1422PC-1690.24future1423PC-1700.24future	1406	PC-153	0.24	future
1409PC-1560.24future1410PC-1570.24future1411PC-1580.24future1412PC-1590.24future1413PC-1600.24future1414PC-1610.24future1415PC-1620.24future1416PC-1630.24future1419PC-1660.24future1420PC-1670.24future1421PC-1680.24future1422PC-1690.24future1423PC-1700.24future	-	PC-154	0.24	future
1410PC-1570.24future1411PC-1580.24future1412PC-1590.24future1413PC-1600.24future1414PC-1610.24future1415PC-1620.24future1416PC-1630.24future1419PC-1660.24future1420PC-1670.24future1421PC-1680.24future1422PC-1690.24future1423PC-1700.24future	1408	PC-155	0.24	future
1411PC-1580.24future1412PC-1590.24future1413PC-1600.24future1414PC-1610.24future1415PC-1620.24future1416PC-1630.24future1419PC-1660.24future1420PC-1670.24future1421PC-1680.24future1422PC-1690.24future1423PC-1700.24future	1409	PC-156	0.24	future
1412PC-1590.24future1413PC-1600.24future1414PC-1610.24future1415PC-1620.24future1416PC-1630.24future1419PC-1660.24future1420PC-1670.24future1421PC-1680.24future1422PC-1690.24future1423PC-1700.24future	1410	PC-157	0.24	future
1413PC-1600.24future1414PC-1610.24future1415PC-1620.24future1416PC-1630.24future1419PC-1660.24future1420PC-1670.24future1421PC-1680.24future1422PC-1690.24future1423PC-1700.24future	1411	PC-158	0.24	future
1414PC-1610.24future1415PC-1620.24future1416PC-1630.24future1419PC-1660.24future1420PC-1670.24future1421PC-1680.24future1422PC-1690.24future1423PC-1700.24future	1412		0.24	future
1415PC-1620.24future1416PC-1630.24future1419PC-1660.24future1420PC-1670.24future1421PC-1680.24future1422PC-1690.24future1423PC-1700.24future	1413	PC-160	0.24	future
1416PC-1630.24future1419PC-1660.24future1420PC-1670.24future1421PC-1680.24future1422PC-1690.24future1423PC-1700.24future	1414	PC-161	0.24	future
1419PC-1660.24future1420PC-1670.24future1421PC-1680.24future1422PC-1690.24future1423PC-1700.24future	1415	PC-162	0.24	future
1420PC-1670.24future1421PC-1680.24future1422PC-1690.24future1423PC-1700.24future	1416	PC-163	0.24	future
1421     PC-168     0.24     future       1422     PC-169     0.24     future       1423     PC-170     0.24     future	1419	PC-166	0.24	future
1422     PC-169     0.24     future       1423     PC-170     0.24     future	1420	PC-167	0.24	future
1423 PC-170 0.24 future	1421	PC-168	0.24	future
	1422	PC-169	0.24	future
1424     PC-171     0.24     future	1423	PC-170	0.24	future
	1424	PC-171	0.24	future

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666 SewerGEMS [10.02.03.03] Page 40 of 57

#### Property Connection Table - Time: 0.00 hours

ID	Label	Base Flow	Notes
		(gal/min)	
1426	PC-173	0.24	future
1427	PC-174	0.24	future
1428	PC-175	0.24	future
1429	PC-176	0.24	future
1431	PC-178	0.24	future
1433	PC-180	0.24	future
1436	PC-183	0.24	future
1437	PC-184	0.24	future
1438	PC-185	0.24	future
1439	PC-186	0.24	future
1440	PC-187	0.24	future
1441	PC-188	0.24	future
1442	PC-189	0.24	future
1443	PC-190	0.24	future
1444	PC-191	0.24	future
1446	PC-193	0.24	future
1447	PC-194	0.24	future
1520	PC-197	0.24	future
1521	PC-198	0.24	future
1522	PC-199	0.24	future
1523	PC-200	0.24	future
1524	PC-201	0.24	
1525	PC-202	0.24	
1526	PC-203	0.24	future
1527	PC-204	0.24	future
1528	PC-205	0.24	future
1529	PC-206	0.24	future
1530	PC-207	0.24	future
1531	PC-208	0.24	future
1532	PC-209	0.24	future
1533	PC-210	0.24	future
1534	PC-211	0.24	future
1535	PC-212	0.24	future
1535	PC-214	0.24	future
1539	PC-214	0.24	future
1539	PC-218	0.24	future
1542		0.24	
	PC-219	0.24	future
1546	PC-223	-	future
1591	PC-237	0.24	future
1592	PC-238	0.24	future
1593	PC-239	0.24	future
1595	PC-241	0.24	future
1596	PC-242	0.24	future
1597	PC-243	0.24	future
1598	PC-244	0.24	future
1599	PC-245	0.24	future
1600	PC-246	0.24	future

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666 SewerGEMS [10.02.03.03] Page 41 of 57

#### Property Connection Table - Time: 0.00 hours

ID	Label	Base Flow	Notes
		(gal/min)	
1609	PC-255	0.24	future
1610	PC-256	0.24	future
1611	PC-257	0.24	future
1612	PC-258	0.24	future
1613	PC-259	0.24	future
1614	PC-260	0.24	future
1615	PC-261	0.24	future
1619	PC-265	0.24	future
1620	PC-266	0.24	future
1621	PC-267	0.24	
1622	PC-268	0.24	
1624	PC-270	0.24	future
1625	PC-271	0.24	future
1626	PC-272	0.24	future
1627	PC-273	0.24	future
1628	PC-274	0.24	future
1630	PC-276	0.24	future
1631	PC-277	0.24	future
1632	PC-278	0.24	future
1633	PC-279	0.24	future
1634	PC-280	0.24	future
1635	PC-281	0.24	future
1636	PC-282	0.24	future
1637	PC-283	0.24	future
1639	PC-285	0.24	future
1640	PC-286	0.24	future
1641	PC-287	0.24	future
1642	PC-288	0.24	future
1643	PC-289	0.24	future
1644	PC-290	0.24	future
1645	PC-291	0.24	future
1646	PC-292	0.24	future
1647	PC-293	0.24	future
1648	PC-294	0.24	future
1649	PC-295	0.24	future
1650	PC-296	0.24	future
1651	PC-297	0.24	future
1652	PC-298	0.24	future
1653	PC-299	0.24	future
1654	PC-300	0.24	future
1655	PC-301	0.24	future
1656	PC-302	0.24	future
1657	PC-302 PC-303	0.24	future
1658	PC-303 PC-304	0.24	future
1659	PC-304 PC-305	0.24	future
1660	PC-305 PC-306	0.24	future
	PC-306 PC-307		
1661	FC-307	0.24	future

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666 SewerGEMS [10.02.03.03] Page 42 of 57

#### Property Connection Table - Time: 0.00 hours

ID	Label	Base Flow	Notes
		(gal/min)	
1662	PC-308	0.24	future
1663	PC-309	0.24	future
1664	PC-310	0.24	future
1670	PC-316	0.24	future
1672	PC-318	0.24	future
1673	PC-319	0.24	future
1674	PC-320	0.24	future
1675	PC-321	0.24	future
1676	PC-322	0.24	future
1677	PC-323	0.24	
1678	PC-324	0.24	future
1679	PC-325	0.24	future
1681	PC-327	0.24	future
1683	PC-329	0.24	future
1684	PC-330	0.24	future
1685	PC-331	0.24	future
1686	PC-332	0.24	future
1687	PC-333	0.24	future
1688	PC-334	0.24	future
1689	PC-335	0.24	future
1690	PC-336	0.24	future
1691	PC-337	0.24	future
1692	PC-338	0.24	future
1693	PC-339	0.24	future
1694	PC-340	0.24	future
1695	PC-341	0.24	future
1696	PC-342	0.24	future
1698	PC-344	0.24	future
1699	PC-345	0.24	future
1700	PC-346	0.24	future
1701	PC-347	0.24	future
1702	PC-348	0.24	future
1703	PC-349	0.24	future
1704	PC-350	0.24	future
1705	PC-351	0.24	future
1706	PC-352	0.24	future
1707	PC-353	0.24	future
1708	PC-354	0.24	future
1709	PC-355	0.24	future
1710	PC-356	0.24	future
1711	PC-357	0.24	future
1712	PC-358	0.24	future
1712	PC-359	0.24	future
1713	PC-359 PC-360	0.24	future
1714	PC-361	0.24	future
1715	PC-361 PC-362	0.24	future
1716	PC-362 PC-363		
1/1/	FC-303	0.24	future

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666 SewerGEMS [10.02.03.03] Page 43 of 57

#### Item # 3.

## **Existing Scenario - ADD**

#### Property Connection Table - Time: 0.00 hours

ID	Label	Base Flow (gal/min)	Notes
1718	PC-364	0.24	future
1719	PC-365	0.24	future
1720	PC-366	0.24	future
1721	PC-367	0.24	future
1722	PC-368	0.24	future
1723	PC-369	0.24	future
1724	PC-370	0.24	future
1725	PC-371	0.24	future
1726	PC-372	0.24	future
1727	PC-373	0.24	future
1728	PC-374	0.24	future
1729	PC-375	0.24	future
1730	PC-376	0.24	future
1731	PC-377	0.24	future
1732	PC-378	0.24	future

#### Transition Table - Time: 0.00 hours

ID	Label	Elevation (Ground) (ft)	Elevation (Invert) (ft)	Flow (Total Out) (gal/min)	Depth (Out) (ft)	Hydraulic Grade Line (Out) (ft)
498	T-1	6,270.00	6,241.00	250.16	136.41	6,377.41
513	T-2	6,309.45	6,297.00	397.34	138.15	6,435.15
1504	T-6	6,354.05	6,338.05	0.00	0.00	6,299.90
Transition Length (ft)						
5.0						
5.0						
5.0						

#### Outfall Table - Time: 0.00 hours

ID	Label	Elevation (Ground) (ft)	Set Rim to Ground Elevation?	Elevation (Invert) (ft)	Boundary Condition Type	Hydraulic Grade (ft)
624	0-12	6,280.18	True	6,261.57	Free Outfall	6,295.62
Flow (Total Out) (gal/min)						

#### Pump Table - Time: 0.00 hours

ID	Label	Elevation (Ground) (ft)	Elevation (Invert) (ft)	Pump Definition	Elevation (On) (ft)	Elevation (Off) (ft)
497	PMP-1	6,261.00	6,241.00	Replacement Vantage Pump	6,241.50	6,241.00
Bentley Systems, Inc. Haestad Methods Solution SewerModel11092020.stsw Center					SewerG [10.02.03	

12/30/2020

175.62

27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666

EMS [10.02.03.03] Page 44 of 57

Item # 3.

# **Existing Scenario - ADD**

#### Pump Table - Time: 0.00 hours

ID	Label	Elevation (Ground) (ft)	Elevation (Invert) (ft)	Pump Definition	Elevation (On) (ft)	Elevation (Off) (ft)
512	PMP-2	6,309.45	6,297.00	Deadman's Gulch Lift Station	6,297.50	6,297.00
1181	PMP-4	0.00	0.00	<none></none>	0.00	0.00
1182	PMP-5	0.00	0.00	<none></none>	0.00	0.00
1183	PMP-6	0.00	0.00	<none></none>	0.00	0.00
1185	PMP-8	0.00	0.00	<none></none>	0.00	0.00
1501	PMP-9	6,354.05	6,338.05	Deer Waters	6,338.55	6,338.05
Flow (Pump) (gal/min)	Head (Pump) (ft)	Hydraulic Grade (Upstream) (ft)	Hydraulic Grade (Downstream) (ft)	Is Active?	Note	es
249.77	116.68	6,261.00	6,377.68	True		
397.4	) 137.24	6,298.00	6,435.24	True	from kent: pump out more than the designed for, pu designed to hand existing homes of when the pumps there are pushin what the pump so 290-360 gpm	ney were mp was dle the coming here. 5 kick on, g more than
(N/A	) (N/A)	(N/A)	(N/A)	False		
(N/A	) (N/A)	(N/A)	(N/A)	False		
(N/A		(N/A)	(N/A)	False		
(N/A	) (N/A)	(N/A)	(N/A)	False		
0.00	0.00	6,338.05	6,299.90	True		

#### Wet Well Table - Time: 0.00 hours

ID	Label	Elevation (Ground) (ft)	Elevation (Maximum) (ft)	Is Active?	Hydraulic Grade (ft)	Depth (Node) (ft)
496	W-1	6,270.00	6,261.00	True	6,261.00	20.00
516	W-4	6,309.45	6,308.00	True	6,298.00	10.00
1498	W-8	6,312.00	6,348.05	True	6,338.05	110.00
Elevation (Initial) (ft)						

6,242.00 6,298.00 6,338.05

#### Pressure Junction Table - Time: 0.00 hours

ID	Label	Elevation (Ground) (ft)	Elevation (ft)	Hydraulic Grade (ft)
1157	J-6	6,505.88	6,495.12	6,495.13
1177	J-8	6,828.64	6,795.00	6,815.50

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666

SewerGEMS [10.02.03.03] Page 45 of 57

# **Existing Scenario - ADD** Pressure Junction Table - Time: 0.00 hours

ID	Label	Elevation (Ground) (ft)	Elevation (ft)	Hydraulic Grade (ft)
1178	J-9	6,827.64	6,800.00	6,815.50
1548	J-10	6,272.01	6,265.57	6,299.90
1551	J-11	6,272.01	6,267.01	6,316.42
1561	J-12	6,349.22	6,344.22	6,379.19
1570	J-15	6,326.58	6,317.91	6,411.04

Rustler - Time: 0.00 hours



Rustler2 - Time: 0.00 hours

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666 SewerGEMS [10.02.03.03] Page 46 of 57





Glistening Ridge - Time: 0.00 hours

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666

SewerGEMS [10.02.03.03] Page 47 of 57



Glistening Ridge2 - Time: 0.00 hours



Glistening Ridge 3 - Time: 0.00 hours

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666 SewerGEMS [10.02.03.03] Page 48 of 57



Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666 SewerGEMS [10.02.03.03] Page 49 of 57

SewerModel11092020.stsw 12/30/2020



Silver Sky - Time: 0.00 hours

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666

SewerGEMS [10.02.03.03] Page 50 of 57



Shoreline Ph 1 - Time: 0.00 hours



Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666

SewerGEMS [10.02.03.03] Page 51 of 57



Soaring Hawk 3 - Time: 0.00 hours

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666 SewerGEMS [10.02.03.03] Page 52 of 57



Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666 SewerGEMS [10.02.03.03] Page 53 of 57



Deer Waters Ph3 - Time: 0.00 hours

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666 SewerGEMS [10.02.03.03] Page 54 of 57





Deer Mountain - Time: 0.00 hours

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666

SewerGEMS [10.02.03.03] Page 55 of 57

Deer Mountain - Time: 0.00 hours



SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666 SewerGEMS [10.02.03.03] Page 56 of 57

## **Future Conditions-ADD**

SewerModel11092020.stsw 12/30/2020

Bentley Systems, Inc. Haestad Methods Solution Center 27 Siemon Company Drive Suite 200 W Watertown, CT 06795 USA +1-203-755-1666 SewerGEMS [10.02.03.03] Page 57 of 57

#### File Attachments for Item:

9. Honorary Resolution for Council Member Jerry Dwinell for his service to the Town of Hideout



\_\_\_\_\_ Item # 9.

Philip Rubin – Jan McCosh - Town Administrator Alicia Fairbourne – Town Clerk

> Council Members Bob Nadelberg Chris Baier Carol Hazelton Ralph Severini

July 8, 2021

# RESOLUTION 2021-R-07 RESOLUTION IN APPRECIATION FOR OUTSTANDING

#### PUBLIC SERVICE BY JERRY DWINELL

WHEREAS, Jerry Dwinell has served as a Planning Commission member since July, 2018, and as a member of the Town Council since January, 2020; and

WHEREAS, Jerry Dwinell provided exceptional service and counsel in each of these positions at a time when the Town of Hideout required new leadership and energy with few if any resources; and

WHEREAS Jerry Dwinell has brought respect, honor, and integrity to the Town of Hideout by leading by example, exhibiting the highest level of diligence and maintaining a superior moral character; and

WHEREAS, Jerry Dwinell has volunteered numerous hours, incurred personal sacrifice and exhibited outstanding community spirit in his service, acting as an agent of change; and

WHEREAS Jerry Dwinell's sense of humor, kindness, energy and graciousness has enriched those fortunate enough to know and work with him; and

WHEREAS, Jerry Dwinell's unwavering commitment, willingness and ability to understand and respond to the concerns of the people of Hideout, has made a substantial contribution to the betterment of the Town of Hideout.

NOW, THEREFORE, BE IT RESOLVED that the Town Council does hereby thank Jerry Dwinell for his dedication, enthusiasm and outstanding public service and wishes him and his wife all the best in their new adventure in Texas.

They & Ruin

Philip J Rubin, Mayor