



P.O. BOX 840490 320 E. NEWEL AVE. HILDALE, UTAH 84784 PHONE: 435-874-1160 FAX: 435-874-2603

NOTICE

*The Utility Board will meet on Tuesday, June 25th, 2019, at 6:00 p.m. M.D.T.
At 320 East Newel Avenue, Hildale, Utah 84784.*

AGENDA:

1. Call to Order
2. Prayer & Pledge of Allegiance
3. Approval of Minutes from June 6, 2019 Meeting
4. Public Comment
5. Consideration of Utility Waiver Requests
6. Director Report
7. Financial Report
8. Consideration of Approval to Pay Bills
9. Consideration and Possible Action on Large Purchase
10. Consideration and Possible Action on FY 2019 Retirement Bonus
11. Consideration and Possible Action on Final 2020 Budget
12. Consideration and Possible Action on Temporary Labor and Budget Adjustment
13. Consideration and Possible Acton on Interfund Transfer to Fiber Department
14. Review of Expedited Payment Invoice Requests Policy
15. Review Scope of Work for Bowen Collins and Associates and SRF Application
16. Discussion on Guarantee of Water Availability
17. Adjournment

Agenda items and any variables thereto are set for consideration, discussion, approval or other action. The Utility Board may, by motion, recess into executive session which is not open to the public, to receive legal advice from the their attorney(s) on any agenda item, or regarding sensitive personnel issues, or concerning negotiations for the purchase, sale or lease of real property. Board Members may attend by telephone. The Agenda may be subject to change up to 24 hours prior to the meeting. Individuals needing special accommodations should notify the City Recorder at 435-874-2323 at least three days prior to the meeting.

Utility Departments of Hildale/Colorado City

Utility Board Meeting Minutes
320 East Newel Ave, Hildale Utah
Thursday, June 6, 2019 6:00 P.M.

Present: Utility Board

Board Members:	Present	Absent	Excused
Haven Barlow	X		
Sterling Jessop, Jr.	X		
Ralph Johnson	X		
Arvin Black	X		
Jason Black	X		
Nathan Burnham	X		
JVar Dutson	X		
Stacy Seay			X
Michael Cawley	X		

Staff Present: Harrison Johnson, Vincen Barlow, Weston Barlow, Nathan Fischer, Ralph Johnson Jr. Mariah La Corti

Public Present: Jared Nicol, Roger Carter (court monitor)

#1 Call to Order/Roll Call

Arvin Black called the meeting to order at 6:30 pm. Roll was taken, quorum present.

#2 Prayer and Pledge of Allegiance

JVar offered a prayer, the crowd joined in the pledge of allegiance.

#3 Approval of Minutes of Previous Meetings

No corrections noted.

JVar Dutson moved to approve the minutes of the May 7, 2019 meeting.

Nathan Burnham seconded. Roll call vote:

Board Members:	Yes	No	Abstain
Haven Barlow	X		
Sterling Jessop, Jr.	X		
Ralph Johnson	X		
Arvin Black	X		
Jason Black	X		
Nathan Burnham	X		
JVar Dutson	X		
Michael Cawley	X		

Motion carried.

#4 Public Comment

None

#5 Consideration of Utility Waiver Requests

None

#6 Manager Report

Harrison Johnson presented. UEP evictions are underway and may affect the department negatively in the coming months. An engineer is under contract for the water remediation plan; there was discussion on the process that was followed to make this decision. The Department will be presenting an application for a planning grant to the Division of Drinking Water on June 11th. Harrison reported on a possible security and fraudulent breach; this will be addressed in greater detail once this has been resolved. Colorado City voted to drop the water service impact fee at their last board meeting. Projects are expected as a result.

#7 Financial Report

Vincen presented. Revenues with comparison to budget and invoice register for the month ending May 31, 2019 was provided for review. The Board was warned to expect a number of changes before the end of the fiscal year.

#8 Consideration of Approval to Pay Bills

JVar Dutson moved to pay the bills as they become due and the funds become available.

Jason Black seconded. Roll call vote:

Board Members:	Yes	No	Abstain
Haven Barlow	X		
Sterling Jessop, Jr.	X		
Ralph Johnson	X		
Arvin Black	X		
Jason Black	X		
Nathan Burnham	X		
JVar Dutson	X		
Michael Cawley	X		

Motion carried.

#9 Consideration and Possible Action on St. George Water Sales Impact Fee Refund

St. George Water Store paid the only \$11,820.00 water impact fee. Harrison feels that it would be difficult to complete any impact projects with these monies, he is asking the board if they would like to give them a refund. Board members discussed this in length.

Roger Carter made the recommendation that the Utility Department consider this refund because no additional capital facilities are needed at this time.

Nathan Burnham moved to refund the \$11,820.00 water impact fee paid by St. George Water Sales.

Haven Barlow seconded. Roll call vote:

Board Members:	Yes	No	Abstain
Haven Barlow	X		
Sterling Jessop, Jr.	X		

Ralph Johnson	X		
Arvin Black	X		
Jason Black	X		
Nathan Burnham	X		
JVar Dutson	X		
Michael Cawley	X		

Motion carried.

#10 Consideration and Possible Action on 285 Willow Street Cross-Lot Line Variance

Harrison Johnson presented. This customer is looking to build, the Board is being asked to either allow or not allow a variance. By allowing we would extend a customer lateral into the sewer mainline located just southwest of the property. The property owner has received permission from the neighboring property owner. If approved, this agreement will be recorded as a legal document, tied to the property record.

Harrison walked the Board through the ordinance that outlines the regulations which guide this decision. Administration feels that it makes sense, is in the best interest of all parties and meets the regulatory requirements. Vance Barlow addressed the Board. He sees no reasonable option other than granting the variance, and that is his recommendation.

Willow St. is designed as a flood drainage street, so sewer main will never be put in that area. All of the other lots in the area are already hooked up to a sewer service.

JVar Dutson moved to approve the request with the stipulation that a legal agreement between the two property owners is made to the satisfaction of the Town of Colorado City.

Nathan Burnham seconded. Roll call vote:

Board Members:	Yes	No	Abstain
Haven Barlow	X		
Sterling Jessop, Jr.	X		
Ralph Johnson	X		
Arvin Black	X		
Jason Black	X		
Nathan Burnham	X		
JVar Dutson	X		
Michael Cawley	X		

Motion carried.

#11 Consideration and Possible Action on FY2020 Budget

Harrison presented. A few changes were made since the last presentation to account for anticipated budget shortfalls, changeover accounts, and increased operating revenues.

JVar Dutson moved to approve the FY 2020 Budget and recommend it to the city council.

Michael Cawley seconded. Roll call vote:

Board Members:	Yes	No	Abstain
Haven Barlow	X		
Sterling Jessop, Jr.	X		

Ralph Johnson	X		
Arvin Black	X		
Jason Black	X		
Nathan Burnham	X		
JVar Dutson	X		
Michael Cawley	X		

Motion carried.

#12 Consideration and Possible Action on utility Operator Rate

Harrison presented. The current rate is \$45.00/hr for a utility operator to perform any work for a customer that is not the departments responsibility. Harrison is recommending that this be increased to \$60.00 per hour to more accurately reflect the actual cost the utility department incurs when operators are doing this work

Nathan Burnham moved to set the Utility Operator Rate at \$60.00 per hour.

JVar Dutson seconded. Roll call vote:

Board Members:	Yes	No	Abstain
Haven Barlow	X		
Sterling Jessop, Jr.	X		
Ralph Johnson	X		
Arvin Black	X		
Jason Black	X		
Nathan Burnham	X		
JVar Dutson	X		
Michael Cawley	X		

Motion carried.

#13 Consideration and Possible Action on Board Meeting Bi-Monthly Meeting Change

Harrison presented. The IGA allows for the Utility Board to meet every other month. Scheduling conflicts have caused the Board meetings to be rescheduled, inconveniencing board members. If meetings are held bi-monthly it would allow staff more time to focus on policies to address issues rather than prepare for meetings.

Each Board member was allowed an opportunity to express their opinion. Board members agreed that due to the changing demographics and water remediation issue it may be better to continue to hold meetings monthly but move them to the last Thursday of the month. At the discretion of the Chairman, the monthly meeting can be canceled if there is not enough business that month to justify meeting. Board members requested timelier packets.

Jason Black moved to move the monthly Utility Board meetings to the last Thursday of each month, effective July; in the event that there is not enough business to conduct a meeting, the Chairman may make the decision to cancel the meeting, giving the Board members at least two weeks notice.

JVar Dutson seconded. Roll call vote:

Board Members:	Yes	No	Abstain
Haven Barlow	X		

Sterling Jessop, Jr.	X		
Ralph Johnson	X		
Arvin Black	X		
Jason Black	X		
Nathan Burnham	X		
JVar Dutson	X		
Michael Cawley	X		

Motion carried.

With no other business, meeting adjourned at 7:30 pm.

Minutes were approved at the meeting on _____.

Vincen Barlow, Hildale City Recorder

Vance Barlow, Colorado City Town Clerk

Summary of Board Actions:



HCC UTILITY DEPARTMENT
MAKING CONNECTIONS

Director's Report

Hildale-Colorado City Utility Department
320 East Newel Avenue, Hildale UT 84784

Account Update

Number of accounts billed in May 2019:

Water base rate	871
Sewer	819
Gas base rate	666
Water Penalties	420
Gas Penalties	305

of shut off notices printed June 18, 2019 192

of final billed accounts with final bill date in May is **18**

of new connect accounts in May is **16**

Division of Drinking Water Board Update

The Department was informed that the DDW finance committee recommended approval of the \$100,000 grant request to study the Canyon Water project. A full board meeting is expected to convene on July 3rd, 2019 for full final approval.

Security and Fraudulent Breach

We've received confirmation that the ACH (Automatic Clearing House) transfer was successfully reversed, which means we've fully recovered all necessary funds.

Fiber Department

The Department has been working closely with Hildale City Administration to fill out a working fiber network for city purposes while offering infrastructure for Internet Service Providers. However, due to controversial and unpredictable partners, progress has been slow as all items and initiatives must undertake extensive legal review. Currently the Department is working to fulfill the agreement with TKS and enter into an agreement for allowance to use public rights-of-way, which may include a franchise agreement. Which is a standard agreement between a utility (TKS) and a municipality which outlines liability, indemnity, process for repairs and improvements etc. Hildale City is working diligently to ensure the public's interest is maintained.

Temporary Labor

The Department is looking to hire three temporary laborers to complete the leak survey in Colorado City at total project cost of \$4,000 to make the July 29th deadline for completion. We intend to hire at a rate of \$12/hr for approximately 240 man hours total. This will be reflected in the FY 2020 budget under Maintenance and Supply System 84-41-273.

Retirement Bonus

The Department is looking to post a year end retirement bonus by through a transfer from the Salaries of Permanent employees 65-41-110 of \$18,000 (\$2,000 per utility employee) to Benefits-Other of 65-41-140 as a retirement account bonus to place into a retirement account. We intend to process this payment through payroll and will be taxable income.

Interfund Transfer to Fiber Department

The Department would like the Utility Board to schedule a interfund transfer of \$10,000 from the Gas Department Transfer to Reserve Expense to the Fiber Department to establish a Central Office and allow for easy switch of Fiber Networks.

CITY OF HILDALE
 REVENUES WITH COMPARISON TO BUDGET
 FOR THE 12 MONTHS ENDING JUNE 30, 2019

2017 JUDGMENT RESOLUTION FUND

	<u>PERIOD ACTUAL</u>	<u>YTD ACTUAL</u>	<u>BUDGET</u>	<u>UNEARNED</u>	<u>PCNT</u>
<u>REVENUES</u>					
63-38-101 TRANSFER FROM GENERAL FUND	.00	26,883.78	88,900.00	62,016.22	30.2
63-38-102 TRANSFER FROM WATER FUND	.00	8,961.28	13,600.00	4,638.72	65.9
63-38-103 TRANSFER FROM WASTEWATER	.00	8,961.28	20,100.00	11,138.72	44.6
63-38-105 TRANSFER FROM GAS FUND	.00	8,961.28	13,600.00	4,638.72	65.9
TOTAL REVENUES	.00	53,767.62	136,200.00	82,432.38	39.5
TOTAL FUND REVENUE	.00	53,767.62	136,200.00	82,432.38	39.5

CITY OF HILDALE
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 12 MONTHS ENDING JUNE 30, 2019

2017 JUDGMENT RESOLUTION FUND

	<u>PERIOD ACTUAL</u>	<u>YTD ACTUAL</u>	<u>BUDGET</u>	<u>UNEXPENDED</u>	<u>PCNT</u>
<u>EXPENDITURES</u>					
63-41-310 PROFESSIONAL & TECHNICAL	453.75	46,063.80	129,200.00	83,136.20	35.7
63-41-315 LEGAL - GENERAL	.00	294.23	7,000.00	6,705.77	4.2
TOTAL EXPENDITURES	<u>453.75</u>	<u>46,358.03</u>	<u>136,200.00</u>	<u>89,841.97</u>	<u>34.0</u>
TOTAL FUND EXPENDITURES	<u>453.75</u>	<u>46,358.03</u>	<u>136,200.00</u>	<u>89,841.97</u>	<u>34.0</u>
NET REVENUE OVER EXPENDITURES	<u>(453.75)</u>	<u>7,409.59</u>	<u>.00</u>	<u>(7,409.59)</u>	<u>.0</u>

CITY OF HILDALE
 REVENUES WITH COMPARISON TO BUDGET
 FOR THE 12 MONTHS ENDING JUNE 30, 2019

LITIGATION DEFENSE FUND

	<u>PERIOD ACTUAL</u>	<u>YTD ACTUAL</u>	<u>BUDGET</u>	<u>UNEXPENDED</u>	<u>PCNT</u>
<u>REVENUES</u>					
64-38-101 TRANSFER FROM GENERAL FUND	.00	16,542.35	19,500.00	2,957.65	84.8
64-38-102 TRANSFER FROM WATER FUND	.00	16,542.39	22,700.00	6,157.61	72.9
64-38-103 TRANSFER FROM WASTEWATER	.00	14,985.72	22,700.00	7,714.28	66.0
64-38-105 TRANSFER FROM GAS FUND	.00	16,542.39	22,700.00	6,157.61	72.9
TOTAL REVENUES	.00	64,612.85	87,600.00	22,987.15	73.8
TOTAL FUND REVENUE	.00	64,612.85	87,600.00	22,987.15	73.8

CITY OF HILDALE
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 12 MONTHS ENDING JUNE 30, 2019

LITIGATION DEFENSE FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>EXPENDITURES</u>					
64-41-230 TRAVEL	.00	.00	2,700.00	2,700.00	.0
64-41-250 EQUIPMENT SUPPLIES & MAINT	23.94	71.76	.00	(71.76)	.0
64-41-310 PROFESSIONAL & TECHNICAL	.00	60.00	.00	(60.00)	.0
64-41-316 LEGAL - LITIGATION DEFENSE	.00	3,435.00	84,900.00	81,465.00	4.1
64-41-911 JUDGMENTS AND LOSSES	6,266.67	75,200.04	.00	(75,200.04)	.0
TOTAL EXPENDITURES	6,290.61	78,766.80	87,600.00	8,833.20	89.9
TOTAL FUND EXPENDITURES	6,290.61	78,766.80	87,600.00	8,833.20	89.9
NET REVENUE OVER EXPENDITURES	(6,290.61)	(14,153.95)	.00	14,153.95	.0

CITY OF HILDALE
 REVENUES WITH COMPARISON TO BUDGET
 FOR THE 12 MONTHS ENDING JUNE 30, 2019

JOINT ADMINISTRATION FUND

	<u>PERIOD ACTUAL</u>	<u>YTD ACTUAL</u>	<u>BUDGET</u>	<u>UNEXPENDED</u>	<u>PCNT</u>
<u>REVENUES</u>					
65-38-102 TRANSFER FROM WATER FUND	.00	200,129.26	214,600.00	14,470.74	93.3
65-38-103 TRANSFER FROM WASTEWATER	.00	185,834.31	278,900.00	93,065.69	66.6
65-38-105 TRANSFER FROM GAS FUND	.00	71,474.73	107,400.00	35,925.27	66.6
TOTAL REVENUES	.00	457,438.30	600,900.00	143,461.70	76.1
TOTAL FUND REVENUE	.00	457,438.30	600,900.00	143,461.70	76.1

CITY OF HILDALE
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 12 MONTHS ENDING JUNE 30, 2019

JOINT ADMINISTRATION FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>EXPENDITURES</u>					
65-41-110 SALARIES-PERMANENT EMPLOYEES	28,647.81	232,154.97	298,400.00	66,245.03	77.8
65-41-130 PAYROLL TAXES	3,424.77	27,821.35	25,200.00	(2,621.35)	110.4
65-41-140 BENEFITS-OTHER	3,010.79	29,376.47	41,400.00	12,023.53	71.0
65-41-150 STIPENDS - UTILITY BOARD	.00	9,900.00	11,700.00	1,800.00	84.6
65-41-230 TRAVEL	.00	582.02	.00	(582.02)	.0
65-41-235 FOOD & REFRESHMENT	.00	1,579.79	4,700.00	3,120.21	33.6
65-41-240 OFFICE EXPENSE & SUPPLIES	.00	21.00	.00	(21.00)	.0
65-41-250 EQUIPMENT SUPPLIES & MAINT	623.62	25,543.03	26,500.00	956.97	96.4
65-41-257 FUEL	1,834.04	11,325.34	15,900.00	4,574.66	71.2
65-41-271 MAINT & SUPPLY - OFFICE	.00	2,166.28	3,500.00	1,333.72	61.9
65-41-280 UTILITIES	.00	9,586.62	14,300.00	4,713.38	67.0
65-41-285 POWER	.00	5,660.17	6,900.00	1,239.83	82.0
65-41-287 TELEPHONE	.00	35.65	.00	(35.65)	.0
65-41-310 PROFESSIONAL & TECHNICAL	.00	2,031.20	4,300.00	2,268.80	47.2
65-41-330 EDUCATION	.00	1,418.00	2,100.00	682.00	67.5
65-41-510 INSURANCE	.00	68,903.42	84,500.00	15,596.58	81.5
65-41-741 EQUIPMENT - OFFICE	.00	.00	3,200.00	3,200.00	.0
65-41-850 DEBT SERVICE - VEHICLE & EQUIP	.00	15,747.04	32,100.00	16,352.96	49.1
65-41-900 AUTOMATIC PAYMENT INCENTIVE	.00	2,075.00	2,500.00	425.00	83.0
65-41-901 SURVEY INCENTIVE PROGRAM	.00	1,875.00	2,000.00	125.00	93.8
65-41-960 TRANSFERS TO RESERVE FUNDS	.00	.00	27,000.00	27,000.00	.0
TOTAL EXPENDITURES	37,541.03	447,802.35	606,200.00	158,397.65	73.9
TOTAL FUND EXPENDITURES	37,541.03	447,802.35	606,200.00	158,397.65	73.9
NET REVENUE OVER EXPENDITURES	(37,541.03)	9,635.95	(5,300.00)	(14,935.95)	181.8

CITY OF HILDALE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 12 MONTHS ENDING JUNE 30, 2019

WATER FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>OPERATING REVENUES</u>					
81-37-111 WATER SALES - METERED	.00	288,913.19	288,800.00	(113.19)	100.0
81-37-121 WATER SALES - FLAT RATE	.00	339,809.91	362,400.00	22,590.09	93.8
81-37-160 CONSTRUCTION REVENUE	249.50	249.50	.00	(249.50)	.0
81-37-331 CONNECTION CHARGES	.00	20,805.00	20,400.00	(405.00)	102.0
81-37-332 CONSTRUCTION	.00	11,063.40	62,400.00	51,336.60	17.7
81-37-411 INTEREST	.00	10,589.79	3,600.00	(6,989.79)	294.2
81-37-412 PENALTIES	.00	105,430.51	90,000.00	(15,430.51)	117.2
81-37-451 IMPACT FEE - UT	(11,820.00)	(11,820.00)	34,700.00	46,520.00	(34.1)
81-37-452 IMPACT FEE - AZ	.00	.00	34,700.00	34,700.00	.0
TOTAL OPERATING REVENUES	(11,570.50)	765,041.30	897,000.00	131,958.70	85.3
<u>NON-OPERATING REVENUE</u>					
81-38-102 TRANSFERS FROM R&R RESERVE	.00	.00	46,000.00	46,000.00	.0
81-38-440 SUNDRY NON-OPERATING REVENUE	.00	7,500.00	5,000.00	(2,500.00)	150.0
81-38-999 CONTINGENCY	.00	.00	200,000.00	200,000.00	.0
TOTAL NON-OPERATING REVENUE	.00	7,500.00	251,000.00	243,500.00	3.0
TOTAL FUND REVENUE	(11,570.50)	772,541.30	1,148,000.00	375,458.70	67.3

CITY OF HILDALE
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 12 MONTHS ENDING JUNE 30, 2019

WATER FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>OPERATING EXPENDITURES</u>					
81-41-210 BOOKS, SUBSCR, & MEMBERSHIPS	.00	100.00	1,500.00	1,400.00	6.7
81-41-230 TRAVEL	.00	755.46	4,600.00	3,844.54	16.4
81-41-235 FOOD & REFRESHMENT	.00	41.06	600.00	558.94	6.8
81-41-250 EQUIPMENT SUPPLIES & MAINT	.00	1,808.10	5,000.00	3,191.90	36.2
81-41-257 FUEL	.00	.00	200.00	200.00	.0
81-41-260 TOOLS & EQUIPMENT-NON CAPITAL	.00	7,088.80	13,500.00	6,411.20	52.5
81-41-273 MAINT & SUPPLY - SYSTEM	21,476.15	40,522.57	38,000.00	(2,522.57)	106.6
81-41-285 POWER	2,559.12	50,219.75	66,200.00	15,980.25	75.9
81-41-311 ENGINEER	.00	1,719.25	2,000.00	280.75	86.0
81-41-314 LABORATORY & TESTING	160.00	9,259.00	14,000.00	4,741.00	66.1
81-41-315 LEGAL - GENERAL	.00	.00	1,300.00	1,300.00	.0
81-41-330 EDUCATION	.00	1,951.00	4,000.00	2,049.00	48.8
81-41-340 SYSTEM CONSTRUCTION SERVICES	.00	103.82	2,000.00	1,896.18	5.2
81-41-341 CONST-CUSTOMER'S INSTALLATION	.00	1,961.94	59,000.00	57,038.06	3.3
81-41-431 COMMODITY SUPPLY	.00	69,192.60	120,900.00	51,707.40	57.2
81-41-432 SPECIAL DEPT SUPPLIES	.00	11,719.34	18,500.00	6,780.66	63.4
81-41-580 RENT OR LEASE	.00	1,156.44	.00	(1,156.44)	.0
TOTAL OPERATING EXPENDITURES	24,195.27	197,599.13	351,300.00	153,700.87	56.3
<u>NON-OPERATING EXPENDITURES</u>					
81-42-560 BAD DEBT EXPENSE	.00	.00	2,000.00	2,000.00	.0
81-42-730 IMPROVEMENTS OTHER THAN BLDGS	.00	25,281.02	25,281.02	.00	100.0
81-42-742 EQUIPMENT - FIELD	.00	.00	2,500.00	2,500.00	.0
81-42-780 RESERVE PURCHASES	.00	.00	66,500.00	66,500.00	.0
81-42-815 PRINC. & INT W.RIGHTS LOAN	3,444.16	41,329.92	41,270.08	(59.84)	100.1
81-42-911 TRANSFERS TO JOINT ADMIN FUND	.00	200,129.26	214,600.00	14,470.74	93.3
81-42-912 TRANSFERS TO LITIGATION	.00	16,542.39	29,200.00	12,657.61	56.7
81-42-913 TRANSFERS TO GF ADMIN	10,416.67	125,000.04	125,000.00	(.04)	100.0
81-42-914 TRANSFERS TO 2017 JMT RES FUND	.00	8,961.28	13,600.00	4,638.72	65.9
81-42-960 TRANSFERS TO RESERVE FUNDS	.00	.00	69,800.00	69,800.00	.0
81-42-999 CONTINGENCY	.00	.00	200,000.00	200,000.00	.0
TOTAL NON-OPERATING EXPENDITURES	13,860.83	417,243.91	789,751.10	372,507.19	52.8
TOTAL FUND EXPENDITURES	38,056.10	614,843.04	1,141,051.10	526,208.06	53.9
NET REVENUE OVER EXPENDITURES	(49,626.60)	157,698.26	6,948.90	(150,749.36)	2269.4

CITY OF HILDALE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 12 MONTHS ENDING JUNE 30, 2019

WASTEWATER FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>OPERATING REVENUES</u>					
82-37-311 SERVICE CHARGES	.00	647,878.65	710,700.00	62,821.35	91.2
82-37-312 SERVICE CHARGES - CPMCWID	.00	138,253.01	145,000.00	6,746.99	95.4
82-37-331 CONNECTION CHARGES	.00	.00	300.00	300.00	.0
82-37-332 SERVICING CUSTOMER INSTALL	.00	2,490.00	20,000.00	17,510.00	12.5
82-37-411 INTEREST	.00	15,066.63	4,000.00	(11,066.63)	376.7
82-37-412 INTEREST EARNINGS (LOAN)	68.63	823.56	.00	(823.56)	.0
82-37-451 IMPACT FEE	.00	9,000.00	5,000.00	(4,000.00)	180.0
82-37-452 IMPACT FEE - CPMCWID	.00	14,550.00	5,000.00	(9,550.00)	291.0
TOTAL OPERATING REVENUES	68.63	828,061.85	890,000.00	61,938.15	93.0
<u>NON-OPERATING REVENUES</u>					
82-38-102 TRANSFERS FROM R&R RESERVE	.00	.00	55,000.00	55,000.00	.0
82-38-440 SUNDRY NON-OPERATING REVENUE	.00	.00	23,000.00	23,000.00	.0
82-38-999 CONTINGENCY	.00	.00	200,000.00	200,000.00	.0
TOTAL NON-OPERATING REVENUES	.00	.00	278,000.00	278,000.00	.0
TOTAL FUND REVENUE	68.63	828,061.85	1,168,000.00	339,938.15	70.9

CITY OF HILDALE
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 12 MONTHS ENDING JUNE 30, 2019

WASTEWATER FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>OPERATING EXPENDITURES</u>					
82-41-210 BOOKS, SUBSCR, & MEMBERSHIPS	.00	.00	500.00	500.00	.0
82-41-230 TRAVEL	.00	.00	4,600.00	4,600.00	.0
82-41-235 FOOD & REFRESHMENT	.00	22.29	700.00	677.71	3.2
82-41-250 EQUIPMENT SUPPLIES & MAINT	.00	1,905.00	8,000.00	6,095.00	23.8
82-41-257 FUEL	128.60	801.78	3,000.00	2,198.22	26.7
82-41-260 TOOLS & EQUIPMENT-NON CAPITAL	.00	5,702.03	5,400.00	(302.03)	105.6
82-41-273 MAINTENANCE & SUPPLY - SYSTEM	389.81	14,979.13	53,000.00	38,020.87	28.3
82-41-274 MAINT & SUPPLY EQUIPMENT	25.03	25.03	.00	(25.03)	.0
82-41-285 POWER	.00	18,016.01	36,000.00	17,983.99	50.0
82-41-311 ENGINEER	.00	.00	500.00	500.00	.0
82-41-314 LABORATORY & TESTING	.00	.00	1,000.00	1,000.00	.0
82-41-315 LEGAL - GENERAL	.00	.00	1,000.00	1,000.00	.0
82-41-330 EDUCATION	.00	2,540.00	5,000.00	2,460.00	50.8
82-41-340 SYSTEM CONSTRUCTION SERVICES	.00	.00	5,000.00	5,000.00	.0
82-41-341 CONST-CUSTOMER'S INSTALLATION	.00	325.00	10,000.00	9,675.00	3.3
TOTAL OPERATING EXPENDITURES	543.44	44,316.27	133,700.00	89,383.73	33.2
<u>NON-OPERATING EXPENSES</u>					
82-42-560 BAD DEBT EXPENSE	.00	.00	1,500.00	1,500.00	.0
82-42-710 LAND	.00	.00	25,500.00	25,500.00	.0
82-42-720 BUILDINGS	.00	108.16	5,000.00	4,891.84	2.2
82-42-742 EQUIPMENT - FIELD	.00	.00	5,400.00	5,400.00	.0
82-42-780 RESERVE PURCHASES	.00	.00	55,000.00	55,000.00	.0
82-42-812 PRINCIPAL ON BONDS - RDA B	.00	8,920.04	33,500.00	24,579.96	26.6
82-42-813 PRINCIPAL ON BONDS - RDA - C	.00	2,247.85	6,400.00	4,152.15	35.1
82-42-816 PRINCIPAL ON BONDS - DWQ	.00	80,000.00	80,000.00	.00	100.0
82-42-822 INTEREST ON BONDS - RDA - B	.00	61,941.10	69,300.00	7,358.90	89.4
82-42-823 INTEREST ON BONDS - RDA - C	.00	11,718.48	13,100.00	1,381.52	89.5
82-42-911 TRANSFERS TO JOINT ADMIN FUND	.00	185,834.31	278,900.00	93,065.69	66.6
82-42-912 TRANSFERS TO LITIGATION	.00	14,985.72	22,700.00	7,714.28	66.0
82-42-913 TRANSFERS TO GF ADMIN	10,416.66	124,999.92	125,000.00	.08	100.0
82-42-914 TRANSFERS TO 2017 JMT RES FUND	.00	8,961.28	20,100.00	11,138.72	44.6
82-42-960 TRANSFERS TO RESERVE FUNDS	.00	.00	92,900.00	92,900.00	.0
82-42-999 CONTINGENCY	.00	.00	200,000.00	200,000.00	.0
TOTAL NON-OPERATING EXPENSES	10,416.66	499,716.86	1,034,300.00	534,583.14	48.3
TOTAL FUND EXPENDITURES	10,960.10	544,033.13	1,168,000.00	623,966.87	46.6
NET REVENUE OVER EXPENDITURES	(10,891.47)	284,028.72	.00	(284,028.72)	.0

CITY OF HILDALE
REVENUES WITH COMPARISON TO BUDGET
FOR THE 12 MONTHS ENDING JUNE 30, 2019

GAS FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>OPERATING REVENUES</u>					
84-37-111 GAS SALES - METERED NAT GAS	.00	217,453.64	229,100.00	11,646.36	94.9
84-37-112 GAS SALES - METERED PROPANE	.00	416,932.67	488,700.00	71,767.33	85.3
84-37-113 GAS SALES - CYLINDER	.00	9,197.99	10,600.00	1,402.01	86.8
84-37-114 GAS SALES - CYLINDER EXCHANGE	.00	1,977.73	3,700.00	1,722.27	53.5
84-37-121 NATURAL GAS SALES - FLAT RATE	.00	25,529.15	24,000.00	(1,529.15)	106.4
84-37-122 PROPANE GAS - FLAT RATE	.00	35,104.55	44,000.00	8,895.45	79.8
84-37-160 CONSTRUCTION REVENUE	.00	11,868.00	125,000.00	113,132.00	9.5
84-37-331 CONNECTION CHARGES	.00	4,760.00	3,000.00	(1,760.00)	158.7
84-37-351 SUNDRY OPERATING REVENUE	3,444.16	41,329.92	47,000.00	5,670.08	87.9
84-37-411 INTEREST	.00	12,177.95	3,500.00	(8,677.95)	347.9
84-37-412 PENALTIES	.00	34,184.02	21,000.00	(13,184.02)	162.8
TOTAL OPERATING REVENUES	3,444.16	810,515.62	999,600.00	189,084.38	81.1
<u>NON-OPERATING REVENUES</u>					
84-38-102 TRANSFERS FROM R&R RESERVE	.00	.00	172,300.00	172,300.00	.0
84-38-901 APPROP - UTILITY FUND BALANCE	.00	.00	22,000.00	22,000.00	.0
84-38-999 CONTINGENCY	.00	.00	118,900.00	118,900.00	.0
TOTAL NON-OPERATING REVENUES	.00	.00	313,200.00	313,200.00	.0
TOTAL FUND REVENUE	3,444.16	810,515.62	1,312,800.00	502,284.38	61.7

CITY OF HILDALE
EXPENDITURES WITH COMPARISON TO BUDGET
FOR THE 12 MONTHS ENDING JUNE 30, 2019

GAS FUND

	PERIOD ACTUAL	YTD ACTUAL	BUDGET	UNEXPENDED	PCNT
<u>OPERATING EXPENDITURES</u>					
84-41-140	.00	135.00	3,000.00	2,865.00	4.5
84-41-210	.00	1,023.00	2,000.00	977.00	51.2
84-41-230	68.00	68.00	4,000.00	3,932.00	1.7
84-41-235	.00	30.85	600.00	569.15	5.1
84-41-250	149.98	6,805.91	10,000.00	3,194.09	68.1
84-41-257	118.96	1,415.88	1,000.00	(415.88)	141.6
84-41-260	.00	2,526.62	4,000.00	1,473.38	63.2
84-41-273	.00	11,062.30	11,700.00	637.70	94.6
84-41-285	11.09	1,271.56	1,000.00	(271.56)	127.2
84-41-330	.00	6,992.71	8,000.00	1,007.29	87.4
84-41-341	11,205.27	34,129.30	100,000.00	65,870.70	34.1
84-41-431	7,795.94	147,074.23	120,000.00	(27,074.23)	122.6
84-41-432	(7,795.94)	248,201.72	316,100.00	67,898.28	78.5
84-41-434	.00	26,011.29	20,100.00	(5,911.29)	129.4
84-41-580	.00	3,912.66	4,200.00	287.34	93.2
84-41-610	.00	.00	5,000.00	5,000.00	.0
84-41-750	.00	32.51	.00	(32.51)	.0
TOTAL OPERATING EXPENDITURES	11,553.30	490,693.54	610,700.00	120,006.46	80.4
<u>NON-OPERATING EXPENDITURES</u>					
84-42-560	.00	.00	600.00	600.00	.0
84-42-750	.00	1,099.03	37,000.00	35,900.97	3.0
84-42-780	.00	18,750.00	172,300.00	153,550.00	10.9
84-42-911	.00	71,474.73	107,300.00	35,825.27	66.6
84-42-912	.00	16,542.39	29,200.00	12,657.61	56.7
84-42-913	10,416.67	125,000.04	125,000.00	(.04)	100.0
84-42-914	.00	8,961.28	13,600.00	4,638.72	65.9
84-42-960	.00	.00	98,200.00	98,200.00	.0
84-42-999	.00	.00	118,900.00	118,900.00	.0
TOTAL NON-OPERATING EXPENDITURES	10,416.67	241,827.47	702,100.00	460,272.53	34.4
TOTAL FUND EXPENDITURES	21,969.97	732,521.01	1,312,800.00	580,278.99	55.8
NET REVENUE OVER EXPENDITURES	(18,525.81)	77,994.61	.00	(77,994.61)	.0

Invoice	Description	Invoice Date	Due Date	Total Cost	Period	GL Activity	GL Account
BARLOW, WESTON (4306)							
190508	Per-Diem Emergency Training SLC	05/08/2019	05/23/2019	34.00	06/19	0	84-41-230
Total BARLOW, WESTON (4306):				34.00			
BASIC AMERICAN SUPPLY (5637)							
208127	Transplanter & Gloves	05/15/2019	06/20/2019	42.34	06/19	0	65-41-250
209670	Spray Paint	05/22/2019	06/20/2019	23.94	06/19	0	65-41-250
208127	Transplanter & Gloves	05/15/2019	06/20/2019	42.34	06/19	0	65-41-250
208127(2)	Transplanter & Gloves	05/15/2019	06/20/2019	42.34	06/19	0	65-41-250
209670	Spray Paint	05/22/2019	06/20/2019	23.94	06/19	0	65-41-250
209670(2)	Spray Paint	05/22/2019	06/20/2019	23.94	06/19	0	64-41-250
Total BASIC AMERICAN SUPPLY (5637):				66.28			
BLACK TIE PRESS (5697)							
1028	ID Cards	05/24/2019	06/24/2019	120.00	06/19	0	65-41-250
Total BLACK TIE PRESS (5697):				120.00			
BROWN CORROSION SERVICES, INC. (5705)							
5151	DCVG Survey Equipment	06/18/2019	07/18/2019	12,495.00	06/19	0	84-42-780
Total BROWN CORROSION SERVICES, INC. (5705):				12,495.00			
BUCKS ACE HARDWARE (5356)							
308166	Marking Paint Holder	05/16/2019	06/10/2019	28.99	06/19	0	82-41-273
308344	Tubing Caps	05/22/2019	06/10/2019	19.96	06/19	0	81-41-273
Total BUCKS ACE HARDWARE (5356):				48.95			
Customer Deposit (5518)							
3.03700.2	3.03700.2 CUSTOMER DEPOSIT REFUND	06/05/2019	07/05/2019	214.45	06/19	0	81-21350
3.45002.5	3.45002.5 CUSTOMER DEPOSIT REFUND	05/30/2019	06/30/2019	67.54	06/19	0	81-21350
6.02201.4	6.02201.4 CUSTOMER DEPOSIT REFUND	05/28/2019	06/28/2019	105.09	06/19	0	81-21350
6.02201.4	6.02201.4 CUSTOMER DEPOSIT REFUND	05/28/2019	06/28/2019	105.09	06/19	0	81-21350
6.02201.4(2)	6.02201.4 CUSTOMER DEPOSIT REFUND	05/28/2019	06/14/2019	105.99	06/19	0	81-21350
3.48280.4	3.48280.4 Credit for Gas-in-Tank	06/14/2019	07/14/2019	418.35	06/19	0	84-37-112
3.5044.05 (2)	3.50440.5 REFUND FOR OVERPAYMENT	06/10/2019	07/10/2019	91.39	06/19	0	81-21350
Total Customer Deposit (5518):				897.72			
DJB GAS SERVICES, INC. (4750)							
01146359	WELDER Cylinder Rental	05/31/2019	06/30/2019	25.03	06/19	0	82-41-274
Total DJB GAS SERVICES, INC. (4750):				25.03			
GARKANE ENERGY (5057)							
1734500 051	East Water Tank Power	05/23/2019	06/12/2019	65.65	06/19	0	81-41-285
1775500 051	Water Plant Power	05/23/2019	06/12/2019	1,325.91	06/19	0	81-41-285
1782501 051	Well #22 Power	05/23/2019	06/12/2019	1,130.17	06/19	0	81-41-285
1945500 051	Academy Ave Well	05/23/2019	06/12/2019	37.39	06/19	0	81-41-285
Total GARKANE ENERGY (5057):				2,559.12			
GOLD LINE AUTO PARTS (5631)							
39425	Gasket Maker	04/25/2019	05/25/2019	57.43	06/19	0	65-41-250

Invoice	Description	Invoice Date	Due Date	Total Cost	Period	GL Activity	GL Account
Total GOLD LINE AUTO PARTS (5631):				57.43			
HILDALE CITY (2160)							
NAT 0519	ENERGY & USE TAX GAS	05/30/2019	06/14/2019	613.72	06/19	0	84-21376
Total HILDALE CITY (2160):				613.72			
HYDRO SPECIALTIES CO. (5201)							
21850	water meters	05/28/2019	06/28/2019	19,349.44	06/19	0	81-41-273
Total HYDRO SPECIALTIES CO. (5201):				19,349.44			
Johnson, Harrison (5663)							
190605	Mileage Claim Meeting with Sunrise Engineering	06/05/2019	07/05/2019	42.90	06/19	0	65-41-230
190611	Mileage Claim - DDW Meeting in SLC	06/11/2019	07/11/2019	347.60	06/19	0	65-41-230
Total Johnson, Harrison (5663):				390.50			
LAWSON PRODUCTS (5223)							
9306736331	pipe taps and bits	05/21/2019	06/21/2019	536.79	06/19	0	81-41-273
Total LAWSON PRODUCTS (5223):				536.79			
MOUNTAINLAND SUPPLY CO. (2892)							
S102981255.	Gas meters and regulators	06/05/2019	06/15/2019	11,205.27	06/19	0	84-41-341
Total MOUNTAINLAND SUPPLY CO. (2892):				11,205.27			
NGL SUPPLY CO. LTD (5605)							
NGL255784	Credit- Popane Commodity	11/30/2018	12/10/2018	14,752.06	06/19	0	84-41-432
NGL255785	Propane Commodity	11/30/2018	12/10/2018	14,715.55	06/19	0	84-41-432
NGL274055	Propane Commodity	05/10/2019	05/20/2019	9,431.46	06/19	0	84-41-432
NGL274162	Propane Commodity	05/14/2019	05/24/2019	10,031.69	06/19	0	84-41-432
NGL274363	Propane Commodity	05/15/2019	05/25/2019	3,642.12	06/19	0	84-41-432
Total NGL SUPPLY CO. LTD (5605):				23,068.76			
PREFERRED PARTS (4694)							
421691	Fuses	05/29/2019	06/29/2019	23.48	06/19	0	65-41-250
42429	Gasket Maker	05/23/2019	06/23/2019	14.96	06/19	0	65-41-250
42901	Light for Kenworth	06/03/2019	06/30/2019	149.98	06/19	0	84-41-250
Total PREFERRED PARTS (4694):				188.42			
RALPH JOHNSON JR. (5655)							
190508	Per-Diem for Emergency Training SLC	05/08/2019	06/08/2019	34.00	06/19	0	84-41-230
Total RALPH JOHNSON JR. (5655):				34.00			
ROCKY MOUNTAIN POWER (4202)							
685119676 0	Cathodic Protection Power	05/22/2019	06/21/2019	11.09	06/19	0	84-41-285
Total ROCKY MOUNTAIN POWER (4202):				11.09			
SCHOLZEN PRODUCTS COMPANY, INC. (3450)							
6377838-01	Butterfly Valves	06/03/2019	07/03/2019	1,000.08	06/19	0	81-41-273
6386934-00	Meter Valaves	05/28/2019	06/27/2019	509.88	06/19	0	81-41-273

Invoice	Description	Invoice Date	Due Date	Total Cost	Period	GL Activity	GL Account
6388248-00	Makita Battery	05/31/2019	06/30/2019	318.00	06/19	0	65-41-250
Total SCHOLZEN PRODUCTS COMPANY, INC. (3450):				1,827.96			
SOUTHERN UTAH UNIVERSITY (3592)							
S0042887	Bacteriological Tests	05/21/2019	06/20/2019	160.00	06/19	0	81-41-314
Total SOUTHERN UTAH UNIVERSITY (3592):				160.00			
ST. GEORGE WATER STORE (5415)							
190611	Refund for Water Service Impact Fee	06/11/2019	06/30/2019	11,820.00	06/19	0	81-37-451
Total ST. GEORGE WATER STORE (5415):				11,820.00			
STREAMLINE AUTOMOTIVE, INC. (3710)							
0053608	Alignment	02/28/2019	03/15/2019	47.41	06/19	0	65-41-250
Total STREAMLINE AUTOMOTIVE, INC. (3710):				47.41			
TOWN OF COLORADO CITY (3930)							
6	TOCC Litigation Settlement	06/01/2019	06/01/2019	6,266.67	06/19	0	64-41-911
8299	DOJ Court Judgement Cost Sharing Jim Keith	06/01/2019	06/16/2019	453.75	06/19	0	63-41-310
8301	Gasoline Used from Utilities	06/01/2019	06/16/2019	1,834.04	06/19	0	65-41-257
8301	Gasoline Used from Utilities	06/01/2019	06/16/2019	128.60	06/19	0	82-41-257
8301	Gasoline Used from Utilities	06/01/2019	06/16/2019	118.96	06/19	0	84-41-257
8305	Utility Filed Staff Payroll Benefits	06/01/2019	06/16/2019	28,647.81	06/19	0	65-41-110
8305	Utility Filed Staff Payroll Taxes	06/01/2019	06/16/2019	3,424.77	06/19	0	65-41-130
8305	Utility Filed Staff Payroll Benefits	06/01/2019	06/16/2019	3,010.79	06/19	0	65-41-140
190106	TOCC Litigation Settlement	06/01/2019	06/16/2019	6,266.67	06/19	0	64-41-911
6	TOCC Litigation Settlement	06/01/2019	06/01/2019	6,266.67	06/19	0	64-41-911
8299	DOJ Court Judgement Cost Sharing Jim Keith	06/01/2019	06/16/2019	453.75	06/19	0	63-41-310
8299(2)	DOJ Court Judgement Cost Sharing - Jim Keith	06/01/2019	06/16/2019	453.75	06/19	0	63-41-310
8301	Gasoline Used from Utilities	06/01/2019	06/16/2019	1,834.04	06/19	0	65-41-257
8301	Gasoline Used from Utilities	06/01/2019	06/16/2019	128.60	06/19	0	82-41-257
8301	Gasoline Used from Utilities	06/01/2019	06/16/2019	118.96	06/19	0	84-41-257
8301 (2)	Gasoline Used from Utilities	06/01/2019	06/16/2019	1,834.04	06/19	0	65-41-257
8301 (2)	Gasoline Used from Utilities	06/01/2019	06/16/2019	128.60	06/19	0	82-41-257
8301 (2)	Gasoline Used from Utilities	06/01/2019	06/16/2019	118.96	06/19	0	84-41-257
8305	Utility Filed Staff Payroll Benefits	06/01/2019	06/16/2019	28,647.81	06/19	0	65-41-110
8305	Utility Filed Staff Payroll Taxes	06/01/2019	06/16/2019	3,424.77	06/19	0	65-41-130
8305	Utility Filed Staff Payroll Benefits	06/01/2019	06/16/2019	3,010.79	06/19	0	65-41-140
8305(2)	Utility Field Staff Payroll	06/01/2019	06/16/2019	28,647.81	06/19	0	65-41-110
8305(2)	Utility Field Staff Payroll Taxes	06/01/2019	06/16/2019	3,424.77	06/19	0	65-41-130
8305(2)	Utility Field Staff Payroll Benefits	06/01/2019	06/16/2019	3,010.79	06/19	0	65-41-140
PROST0519	Total Propane Tax	05/31/2019	06/15/2019	1,682.45	06/19	0	84-21371
WAT0519	Total Water Tax	05/31/2019	06/15/2019	1,250.06	06/19	0	81-21371
Total TOWN OF COLORADO CITY (3930):				46,817.90			
USABlueBook (4011)							
818189	Chlorine Tests	02/20/2019	03/02/2019	60.00	06/19	0	81-41-273
903192	Manhole Hooks, Safety Vest	05/22/2019	06/01/2019	360.82	06/19	0	82-41-273
Total USABlueBook (4011):				420.82			
UTAH STATE TAX COMMISSION (4221)							
STC 0519	Taxes Collected for Hildale	06/13/2019	07/13/2019	482.73	06/19	0	84-21375

Invoice	Description	Invoice Date	Due Date	Total Cost	Period	GL Activity	GL Account
	Total UTAH STATE TAX COMMISSION (4221):			482.73			
	Grand Totals:			133,278.34			

Report GL Period Summary

Vendor number hash:	0
Vendor number hash - split:	0
Total number of invoices:	0
Total number of transactions:	0



5/22/19

Quotation

Hexcorder Pro GPS/DCVG/CIPS

Direct current voltage gradient & close interval potential survey instrument with integrated GPS

Features:

- ☑ 10 different survey modes including CIPS, multi-DCVG & multi input impedance
- ☑ Purpose built by corrosion professionals for corrosion professionals
- ☑ Large rugged Mil Spec touch screen tablet user interface
- ☑ Custom graphics based App, easy to navigate, easy to learn & supports multiple languages
- ☑ View any 2 of 5 available graphics screens in real time to display data,
 - ☑ Table, Graph, Map, Bird's Eye, Analog Gauge
- ☑☑ All data obtained at the same place & time under the same field conditions
- ☑ PODS compatible data stored as a .csv text file to easily open and graph in any standard spreadsheet or import into your database program **No special software required!**
- ☑ Work with interruption cycles as fast as 1 second
- ☑ Alarms for change in potential, DCVG indication & broken trailing wire ensure data integrity
- ☑ Records chainage, date, time, altitude and GPS location data with each reading, easily imported into mapping programs
- ☑ Integrate with all Bluetooth enabled Radio Detection and Vivax Metrotech pipe locators to store depth of cover and signal strength data with CIPS & DCVG readings
- ☑ Active AC filter to remove the effect of induced AC up to 100V
- ☑ Run time of Hexcorder Pro is 24 hours, tablet is 11 hours under field conditions, optional extra batteries are available for the tablet
- ☑ Rugged, sealed, quick connect push-pull connectors
- ☑ Stored waveforms allow the user to capture electrical interference
- ☑ Comments can be easily entered into the data stream
- ☑ User programmable UTC/GMT offset to work in local time
- ☑ Comprehensive industry leading 2 year warranty

Hexcorder survey systems supplied complete with:

- ☑ Hexcorder Pro assembly with integrated ruggedized milspec tablet
- ☑ Wire dispenser with one spool of survey wire
- ☑ Choice of:
 - ☑ Hip pack - short surveys, urban areas ☑ 2 km (1.25 mile) survey wire
 - ☑ Back pack - long, across country surveys ☑ 16 km (10 mile) survey wire
- ☑ 2 x half cell extension poles
- ☑ 2 x Cu/CuSO₄ reference electrodes
- ☑ Ergonomic four point shoulder harness
- ☑ Survey pole and wire dispenser cables
- ☑ WAAS enabled GPS antenna
- ☑ Universal 110-220 V 50/60 Hz AC chargers for Hexcorder Pro and tablet
- ☑ USB 2.0 cable
- ☑ Rugged carrying case
- ☑ Operation manual & instructional CD

Technical Specification:

☑ Range:	CIPS: +/- 5 V DC, DCVG: +/- 500mV DC
☑ Resolution:	0.1 mV DC for all readings
☑ Memory Capacity:	Supplied with 4 GB or larger micro SD card
☑ CIPS Impedance:	25 M Ohm or 250 M Ohm
☑ DCVG Impedance:	15 M Ohm
☑ AC Rejection:	-90 dB at 60 Hz, <3mV DC error at 100 V AC RMS superimposed
☑ Case:	ABS plastic, designed for IP65
☑ Approx. Dimensions:	Hexcorder Pro/tablet assembly 30 x 25 x 10 cm @ 2.7 Kg Hip pack system ships as 1 piece 10 x 10 x 120 cm @ 2.8 Kg + 1 piece 53 x 23 x 45 cm @ 9.8 Kg Backpack system ships as 1 piece 108 x 45 x 38 cm @ 24 Kg
☑ Connectors:	IP67 rated, push-pull
☑ Battery:	Lithium Ion, 3.7V 33Whr = approx. 24 hours run time
☑ Communications:	USB 2.0, 2 x Bluetooth 2.0
☑ GPS:	Fully integrated WAAS GPS antenna
☑ Standards	Designed to satisfy IP65 and EN61010 standards

Tablet Specification:

☑ Ratings:	Ruggedized, MIL-STD-810G and IP65
☑ Operating System:	Android 5.1 Lollipop
☑ Memory:	4 GB RAM, 64 GB SSD
☑ Display:	10.1" WXGA (1366 x 768)
☑ Primary Battery:	Lithium Ion, 39 Whr
☑ Secondary Battery:	Lithium Ion, 59 Whr, hot swappable = approx. 11 hours run time under normal operating conditions
☑ Communications:	Wireless LAN 802.11ac, Bluetooth 4.0
☑ Ports:	DC power, 2 x USB 3v0, Micro SDXC, Micro HDMI, Headphones
☑ Camera:	2 MP camera rear, 5 MP camera front facing

Survey system complete package price **\$10,500.00**

or

As above with NovAtel differential satellite beacon receiver for sub metre GPS accuracy worldwide complete with 12 month global satellite subscription (requires use of the backpack wire dispenser/chainage counter assembly)

Add **\$7,260.00**

Hexcorder Pro Accessories / Spares

Optional 2 person upgrade kit for enhanced DCVG

2 adjustable half cell extension poles	
2 Cu/CuSO4 half cells	
1 pair Y cables (1m & 8 m) set,	Add \$ 1,770.00

Optional 3 person upgrade kit for enhanced DCVG

4 adjustable half cell extension poles	
4 Cu/CuSO4 half cells	
2 long & 1 short Y cables (1m & 8 m),	Add \$ 3,220.00

Optional Hexcorder Replacement Parts:

Replacement cables for Hexcorder to half cell extension poles	\$300.00 Pair
Replacement cable Hexcorder to Wire dispenser	\$160.00 each
Half Cell extension poles	\$395.00 each

Optional Supplies:

Hip Pack survey wire 2Km (1.25 mi.) spools (16/ case)	\$720.00 /case
Back Pack survey wire 16Km (10 mi.) spools (4/case)	\$800.00/case
Cu/CuSO4 half cells	\$67.00 each

Data Loggers

SMART LOGGER II, GPS Synchronized Portable Stationary Data Logger

Used for telluric &/or dynamic stray current correction of mobile survey data or as a stationary data logger.

Comes complete with:

Rechargeable 7.2v, 4 amp hour NMH battery	
Instruction manual	
RS-232 cable	
Universal 110/220 v 50/60 Hz battery charger	\$3,600.00

CorrReader Pro Mobile Data Recorder

Single channel DC and AC data recorder
Can record individual test station readings or act as a stationary data logger for up to 24 hours.
Records AC & DC, ON & OFF once per interruption cycle
16x4 LCD sunlight readable high contrast display,
Tactile membrane switch keypad,
Micro SD card memory & data storage
Ergonomic impact resistant IP65 NEMA 4 case
Fully integrated internal GPS engine,
3.6V Li Ion rechargeable battery
Waterproof external USB 2.0 data interface

CorrReader supplied complete with:

1 Cu/CuSO4 reference electrode	
Positive & negative test leads with banana jacks and insulated alligator clips	
12V DC automotive style to USB charger	
90 - 230 VAC 50/60 Hz to USB charger	
USB 2.0 cable	
Convenient carry pouch with adjustable belt strap	
Owner's manual	
CD ROM.	\$1,495.00

Current Interrupters

CI-25 GPS Synchronized Current Interrupter

Maximum 25 amp 100 volt DC interruption capability
5 user defined operating programs
40 x 20 character LCD display
16 key keypad for local programming
1800 mA hour rechargeable 7.2 volt NMH battery

Comes complete with:

AC & DC interruption cables c/w insulated copper alligator clamps
Magnetic mount GPS antenna
Battery charger
Instruction manual

\$1,995.00

CI-50 GPS Synchronized Current Interrupter

Maximum 50 amp 100 volt DC interruption capability
5 user defined operating programs
40 x 20 character LCD display
16 key keypad for local programming
1800 mA hour rechargeable 7.2 volt Nickel Metal
Hydride battery

Comes complete with:

AC & DC interruption cables c/w insulated copper alligator clamps
Magnetic mount GPS antenna
Battery charger
And instruction manual

\$2,195.00

CI-100 GPS Synchronized Current Interrupter

Up to 100 ADC up to 250 VDC interruption capability
Up to 100 AAC, 600 VAC interruption capability
5 user defined operating programs
40 x 20 character LCD display
16 key keypad for local programming,
2200 mA hour rechargeable 12 volt battery

Comes complete with:

AC/DC interruption cables c/w insulated copper alligator clamps
Magnetic mount GPS antenna
Battery charger
Instruction manual

\$2,520.00

CI-200 GPS Synchronized Current Interrupter

Up to 200 ADC up to 250 VDC interruption capability
Up to 200 AAC, 600 VAC interruption capability
5 user defined operating programs
40 x 20 character LCD display
16 key keypad for local programming,
2200 mA hour rechargeable 12 volt gel cell

Comes complete with:

AC/DC interruption cables
Magnetic mount GPS antenna
Battery charger
Instruction manual

\$2,935.00

CIM-50 Permanent Current Interrupter

- Maximum 50 amp 125 volt DC or 50 amp 230 volt AC
- 5 user defined operating programs
- 40 x 20 character LCD display
- 16 key keypad for local programming
- Internal mechanical relay

Permanently mount to a rectifier with:

- Lockable NEMA 3R fiberglass case
- Magnetic mount GPS antenna
- Powered by local 110-240 V AC, 50/60 Hz
- Instruction manual

Remote activation by choice of:

- SCADA 24V DC pulse
- Ethernet Modbus signal

\$2,125.00US

Cath-Tech CTL 3000 Analogue DCVG Voltmeter Survey System:

- voltage ranges from 10mv to full scale 5000mv
- meter ranges +/- 10, 20, 50, 100, 200, 500, 1000, 2000 & 5000mv.
- Centre- zero stylus/scale to facilitate its function as a coating fault detector.
- operates on a minimum signal strength (shift in ON/OFF potential value) of 500mv.
- Input impedance ranges 10, 100 and 1000 MegOhm
- All interconnecting cables and connection leads for operation of DCVG survey.
- two insulated fibreglass adjustable survey poles with non-polarized Cu/CuSo4 electrodes with biasing arrangement.
- supplied with sealed rechargeable batteries along with 120/240V, 50/60 Hz, intelligent universal battery charger, which automatically adjusts the charging current to the present condition of batteries.
- A full 10 hours charge will completely charge the batteries, which will power the voltmeter for approx. 48 hours.
- Impact resistant, durable, waterproof pelican storage case for DCVG instrument and cables.
- Owners manual

\$3,200.00/ea

Optional CTL 3000 Replacement Parts:

Survey pole connector cable	\$185.00/pair
Adjustable fibreglass survey poles	\$395.00 ea
Cu/CuSO4 half cells	\$67.00 ea

Training: Equipment Operation and Survey Techniques:

At your location in North America 2 days **\$3,000.00**
(Plus travel and living expenses)

At Your location outside North America 3 days **\$5,000.00**
(Plus travel and living expenses)

Terms:

Currency US\$

Payment by bank transfer, or by Visa or Master Card (add 3%) prior to shipping

Payment net 30 days from date of invoice on approved credit

FOB Bolton, Ontario, Canada

Delivery approx 3 weeks from date of order, subject to prior orders

Quotation valid for 90 days

Water Department

	OPERATING REVENUES	2019 Budget	Adjustment	2020 BUDGET
81-37-111	WATER SALES - METERED	\$ 288,800.00	\$ (41,521.00)	\$ 247,279.00
81-37-121	WATER SALES - FLAT RATE	\$ 362,400.00	\$ (34,749.00)	\$ 327,651.00
81-37-331	CONNECTION CHARGES	\$ 20,400.00	\$ 4,600.00	\$ 25,000.00
81-37-332	CONSTRUCTION	\$ 62,400.00	\$ -	\$ 62,400.00
81-37-411	INTEREST	\$ 3,600.00	\$ -	\$ 3,600.00
81-37-412	PENALTIES	\$ 60,000.00	\$ (10,000.00)	\$ 50,000.00
81-37-451	IMPACT FEE - UT	\$ 34,700.00	\$ (34,700.00)	\$ -
81-37-452	IMPACT FEE - AZ	\$ 34,700.00	\$ (34,700.00)	\$ -
	TOTAL OPERATING REVENUES	\$ 867,000.00	\$ (151,070.00)	\$ 715,930.00

	NON-OPERATING REVENUE	2019 Budget	Adjustment	2020 BUDGET
81-38-440	SUNDRY NON-OPERATING REVENUE	\$ 5,000.00	\$ -	\$ 5,000.00
81-38-450	TRANSFERS FROM RESERVES	\$ -	\$ 150,000.00	\$ 150,000.00
81-38-999	CONTINGENCY	\$ 200,000.00	\$ -	\$ 200,000.00
	TOTAL NON-OPERATING REVENUE	\$ 205,000.00	\$ 150,000.00	\$ 355,000.00

	OPERATING EXPENDITURES	2019 Budget	Adjustment	2020 BUDGET
81-41-110	SALARIES-PERMANENT EMPLOYEES	\$ -	\$ -	\$ -
81-41-210	BOOKS, SUBSCR, & MEMBERSHIPS	\$ 1,500.00	\$ -	\$ 1,500.00
81-41-230	TRAVEL	\$ 4,600.00	\$ -	\$ 4,600.00
81-41-235	FOOD & REFRESHMENT	\$ 600.00	\$ -	\$ 600.00
81-41-250	EQUIPMENT SUPPLIES & MAINT	\$ 1,000.00	\$ 15,000.00	\$ 16,000.00
81-41-257	FUEL	\$ 200.00	\$ -	\$ 200.00
81-41-260	TOOLS & EQUIPMENT-NON CAPITAL	\$ 3,000.00	\$ 2,000.00	\$ 5,000.00
81-41-273	MAINT & SUPPLY - SYSTEM	\$ 38,000.00	\$ 20,000.00	\$ 58,000.00
81-41-285	POWER	\$ 66,200.00	\$ 13,800.00	\$ 80,000.00
81-41-311	ENGINEER	\$ 2,000.00	\$ 3,000.00	\$ 5,000.00
81-41-314	LABORATORY & TESTING	\$ 4,500.00	\$ 3,500.00	\$ 8,000.00
81-41-315	LEGAL - GENERAL	\$ 1,300.00	\$ (300.00)	\$ 1,000.00
81-41-330	EDUCATION	\$ 3,500.00	\$ 500.00	\$ 4,000.00
81-41-340	SYSTEM CONSTRUCTION SERVICES	\$ 2,000.00	\$ -	\$ 2,000.00
81-41-341	CONST-CUSTOMER'S INSTALLATION	\$ 59,000.00	\$ 3,400.00	\$ 62,400.00
81-41-431	COMMODITY SUPPLY	\$ 165,900.00	\$ (165,900.00)	\$ -
81-41-432	SPECIAL DEPT SUPPLIES	\$ 18,500.00	\$ -	\$ 18,500.00
	TOTAL OPERATING EXPENDITURES	\$ 371,800.00	\$ (105,000.00)	\$ 266,800.00

	NON-OPERATING EXPENDITURES	2019 Budget	Adjustment	2020 BUDGET
81-42-560	BAD DEBT EXPENSE	\$ 2,000.00	\$ -	\$ 2,000.00
81-42-730	IMPROVEMENTS OTHER THAN BLDGS	\$ 2,200.00	\$ -	\$ 2,200.00
81-42-742	EQUIPMENT - FIELD	\$ 2,500.00	\$ -	\$ 2,500.00
81-42-750	SP PROJECTS CAPITAL	\$ -	\$ -	\$ -
81-42-755	PUBLIC TRUST CONTINGENCY	\$ -	\$ 150,000.00	\$ 150,000.00
81-42-760	INVENTORY	\$ -	\$ -	\$ -
81-42-815	PRINC. & INT W.RIGHTS LOAN	\$ 41,300.00	\$ -	\$ 41,300.00
81-42-911	TRANSFERS TO JOINT ADMIN FUND	\$ 214,600.00	\$ 90,530.00	\$ 305,130.00
81-42-912	TRANSFERS TO LITIGATION	\$ 29,200.00	\$ (11,300.00)	\$ 17,900.00
81-42-913	TRANSFERS TO GF ADMIN	\$ 125,000.00	\$ (125,000.00)	\$ -
82-42-914	TRANSFERS TO 2017 JMT RES FUND	\$ -	\$ -	\$ 13,300.00
81-42-960	TRANSFERS TO RESERVE FUNDS	\$ 69,800.00	\$ -	\$ 69,800.00
81-42-999	CONTINGENCY	\$ 200,000.00	\$ -	\$ 200,000.00
	TOTAL NON-OPERATING EXPENDITURES	\$ 686,600.00	\$ 117,530.00	\$ 804,130.00

Water Department Revenues over Expenditures

SUMMARY REPORT	2019 Budget	Adjustment	2020 BUDGET
TOTAL WATER FUND REVENUE	\$ 1,072,000.00	\$ (1,070.00)	\$ 1,070,930.00
TOTAL WATER FUND EXPENDITURE	\$ 1,058,400.00	\$ 12,530.00	\$ 1,070,930.00
DIFFERENCE	\$ 13,600.00	\$ (13,600.00)	\$ -

Wastewater Department

	OPERATING REVENUES	2019 Budget	Adjustment	2020 BUDGET
82-37-311	SERVICE CHARGES	\$ 710,700.00	\$ (70,435.00)	\$ 640,265.00
82-37-312	SERVICE CHARGES - CPMCWID	\$ 145,000.00	\$ -	\$ 145,000.00
82-37-331	CONNECTION CHARGES	\$ 300.00	\$ 9,700.00	\$ 10,000.00
82-37-332	SERVICING CUSTOMER INSTALL	\$ 20,000.00	\$ -	\$ 20,000.00
82-37-411	INTEREST	\$ 4,000.00	\$ 500.00	\$ 4,500.00
82-37-451	IMPACT FEE	\$ 5,000.00	\$ 5,000.00	\$ 10,000.00
82-37-452	IMPACT FEE - CPMCWID	\$ 5,000.00	\$ 5,000.00	\$ 10,000.00

	TOTAL OPERATING REVENUES	\$	890,000.00	\$	(50,235.00)	\$	839,765.00
	NON-OPERATING REVENUES		2019 Budget		Adjustment		2020 BUDGET
82-38-102	TRANSFERS FROM R&R RESERVE	\$	55,000.00	\$	-	\$	55,000.00
82-38-440	SUNDRY NON-OPERATING REVENUE	\$	23,000.00	\$	-	\$	-
82-38-999	CONTINGENCY	\$	200,000.00	\$	-	\$	200,000.00
	TOTAL NON-OPERATING REVENUES	\$	278,000.00	\$	(23,000.00)	\$	255,000.00
	OPERATING EXPENDITURES		2019 Budget		Adjustment		2020 BUDGET
82-41-110	SALARIES-PERMANENT EMPLOYEES	\$	-	\$	-	\$	-
82-41-210	BOOKS, SUBSCR, & MEMBERSHIPS	\$	500.00	\$	-	\$	500.00
82-41-230	TRAVEL	\$	4,600.00	\$	-	\$	4,600.00
82-41-235	FOOD & REFRESHMENT	\$	700.00	\$	(700.00)	\$	-
82-41-250	EQUIPMENT SUPPLIES & MAINT	\$	8,000.00	\$	-	\$	8,000.00
82-41-257	FUEL	\$	3,000.00	\$	(500.00)	\$	2,500.00
82-41-260	TOOLS & EQUIPMENT-NON CAPITAL	\$	5,400.00	\$	1,600.00	\$	7,000.00
82-41-273	MAINTENANCE & SUPPLY - SYSTEM	\$	53,000.00	\$	2,000.00	\$	55,000.00
82-41-285	POWER	\$	36,000.00	\$	-	\$	36,000.00
82-41-311	ENGINEER	\$	500.00	\$	-	\$	500.00
82-41-314	LABORATORY & TESTING	\$	1,000.00	\$	500.00	\$	1,500.00
82-41-315	LEGAL - GENERAL	\$	1,000.00	\$	-	\$	1,000.00
82-41-330	EDUCATION	\$	5,000.00	\$	-	\$	5,000.00
82-41-340	SYSTEM CONSTRUCTION SERVICES	\$	5,000.00	\$	-	\$	5,000.00
82-41-341	CONST-CUSTOMER'S INSTALLATION	\$	10,000.00	\$	10,000.00	\$	20,000.00
	TOTAL OPERATING EXPENDITURES	\$	133,700.00	\$	12,900.00	\$	146,600.00
	NON-OPERATING EXPENSES		2019 Budget		Adjustment		2020 BUDGET
82-42-560	BAD DEBT EXPENSE	\$	1,500.00	\$	-	\$	1,500.00
82-42-720	BUILDINGS	\$	5,000.00	\$	-	\$	5,000.00
82-42-742	EQUIPMENT - FIELD	\$	5,400.00	\$	-	\$	5,400.00
82-42-760	INVENTORY	\$	-	\$	-	\$	-
82-42-780	RESERVE PURCHASES	\$	55,000.00	\$	-	\$	55,000.00
82-42-811	PRINCIPAL ON BONDS - RDA A	\$	-	\$	-	\$	-
82-42-812	PRINCIPAL ON BONDS - RDA B	\$	33,500.00	\$	-	\$	33,500.00
82-42-813	PRINCIPAL ON BONDS - RDA - C	\$	6,400.00	\$	-	\$	6,400.00
82-42-816	PRINCIPAL ON BONDS - DWQ	\$	80,000.00	\$	-	\$	80,000.00
82-42-821	INTEREST ON BONDS - RDA A	\$	-	\$	-	\$	-
82-42-822	INTEREST ON BONDS - RDA - B	\$	69,300.00	\$	-	\$	69,300.00
82-42-823	INTEREST ON BONDS - RDA - C	\$	13,100.00	\$	-	\$	13,100.00
82-42-911	TRANSFERS TO JOINT ADMIN FUND	\$	278,900.00	\$	181,100.00	\$	460,000.00
82-42-912	TRANSFERS TO LITIGATION	\$	22,700.00	\$	(4,800.00)	\$	17,900.00
82-42-913	TRANSFERS TO GF ADMIN	\$	125,000.00	\$	(125,000.00)	\$	-
82-42-914	TRANSFERS TO 2017 JMT RES FUND	\$	-	\$	-	\$	13,300.00
82-42-960	TRANSFERS TO RESERVE FUNDS	\$	92,900.00	\$	-	\$	92,900.00
82-42-999	CONTINGENCY	\$	200,000.00	\$	-	\$	200,000.00
	TOTAL NON-OPERATING EXPENSES	\$	988,700.00	\$	64,600.00	\$	1,053,300.00
	SUMMARY REPORT		2019 Budget		Adjustment		2020 BUDGET
	TOTAL WASTEWATER FUND REVENUE	\$	1,168,000.00	\$	(73,235.00)	\$	1,094,765.00
	TOTAL WASTEWATER FUND EXPENDITURE	\$	1,122,400.00	\$	77,500.00	\$	1,199,900.00
	DIFFERENCE	\$	45,600.00	\$	(150,735.00)	\$	(105,135.00)

Gas Department

	OPERATING REVENUES		2019 Budget		Adjustment		2020 BUDGET
84-37-111	GAS SALES - METERED NAT GAS	\$	148,000.00	\$	2,000.00	\$	150,000.00
84-37-112	GAS SALES - METERED PROPANE	\$	488,700.00	\$	(108,826.00)	\$	379,874.00
84-37-113	GAS SALES - CYLINDER	\$	10,600.00	\$	-	\$	10,600.00
84-37-114	GAS SALES - CYLINDER EXCHANGE	\$	3,700.00	\$	(200.00)	\$	3,500.00
84-37-121	NATURAL GAS SALES - FLAT RATE	\$	24,000.00	\$	1,000.00	\$	25,000.00
84-37-122	PROPANE GAS - FLAT RATE	\$	44,000.00	\$	(10,000.00)	\$	34,000.00
84-37-160	CONSTRUCTION REVENUE	\$	125,000.00	\$	-	\$	125,000.00
84-37-331	CONNECTION CHARGES	\$	3,000.00	\$	2,000.00	\$	5,000.00
84-37-351	SUNDRY OPERATING REVENUE	\$	47,000.00	\$	-	\$	47,000.00
84-37-411	INTEREST	\$	3,500.00	\$	-	\$	3,500.00
84-37-412	PENALTIES	\$	21,000.00	\$	4,000.00	\$	25,000.00
	TOTAL OPERATING REVENUES	\$	918,500.00	\$	(110,026.00)	\$	808,474.00

	NON-OPERATING REVENUES	2019 Budget	Adjustment	2020 BUDGET
84-38-102	TRANSFERS FROM R&R RESERVE	\$ 172,300.00	\$ 7,700.00	\$ 180,000.00
84-38-901	APPROP - UTILITY FUND BALANCE	\$ 22,000.00	\$ -	\$ 22,000.00
84-38-999	CONTINGENCY	\$ 200,000.00	\$ -	\$ 200,000.00
	TOTAL NON-OPERATING REVENUES	\$ 394,300.00	\$ 7,700.00	\$ 402,000.00

	OPERATING EXPENDITURES	2019 Budget	Adjustment	2020 BUDGET
84-41-110	SALARIES-PERMANENT EMPLOYEES	\$ -	\$ -	\$ -
84-41-140	BENEFITS-OTHER	\$ 3,000.00	\$ -	\$ 3,000.00
84-41-210	BOOKS, SUBSCR, & MEMBERSHIPS	\$ 2,000.00	\$ -	\$ 2,000.00
84-41-230	TRAVEL	\$ 4,000.00	\$ -	\$ 4,000.00
84-41-235	FOOD & REFRESHMENT	\$ 600.00	\$ (600.00)	\$ -
84-41-250	EQUIPMENT SUPPLIES & MAINT	\$ 2,000.00	\$ 3,000.00	\$ 5,000.00
84-41-257	FUEL	\$ 1,000.00	\$ 500.00	\$ 1,500.00
84-41-260	TOOLS & EQUIPMENT-NON CAPITAL	\$ 2,000.00	\$ 3,000.00	\$ 5,000.00
84-41-273	MAINT & SUPPLY SYSTEM	\$ 11,700.00	\$ -	\$ 11,700.00
84-41-285	POWER	\$ 1,000.00	\$ -	\$ 1,000.00
84-41-330	EDUCATION	\$ 7,200.00	\$ 800.00	\$ 8,000.00
84-41-340	SYSTEM CONSTRUCTION SERVICES	\$ -	\$ -	\$ -
84-41-341	CONST-CUSTOMER'S INSTALLATION	\$ 100,000.00	\$ 25,000.00	\$ 125,000.00
84-41-431	NATURAL GAS COMMODITY SUPPLY	\$ 49,700.00	\$ 15,300.00	\$ 65,000.00
84-41-432	PROPANE GAS COMMODITY SUPPLY	\$ 318,100.00	\$ (68,100.00)	\$ 250,000.00
84-41-434	NAT GAS COMMODITY TRANSPORT	\$ 18,100.00	\$ 900.00	\$ 19,000.00
84-41-580	RENT OR LEASE	\$ 4,200.00	\$ 300.00	\$ 4,500.00
	TOTAL OPERATING EXPENDITURES	\$ 524,600.00	\$ (19,900.00)	\$ 504,700.00

	NON-OPERATING EXPENDITURES	2019 Budget	Adjustment	2020 BUDGET
84-42-560	BAD DEBT EXPENSE	\$ 600.00	\$ -	\$ 600.00
84-42-750	SP PROJECTS CAPITAL	\$ 37,000.00	\$ -	\$ 37,000.00
84-42-760	INVENTORY	\$ -	\$ -	\$ -
84-42-780	RESERVE PURCHASES	\$ 172,300.00	\$ 7,700.00	\$ 180,000.00
84-42-890	OTHER DEBT SERVICE	\$ -	\$ -	\$ -
84-42-911	TRANSFERS TO JOINT ADMIN FUND	\$ 107,300.00	\$ 205,502.00	\$ 312,802.00
84-42-912	TRANSFERS TO LITIGATION	\$ 29,200.00	\$ (11,300.00)	\$ 17,900.00
84-42-914	TRANSFERS TO 2017 JMT RES FUND	\$ -	\$ 13,600.00	\$ 13,600.00
84-42-913	TRANSFERS TO GF ADMIN	\$ 125,000.00	\$ (125,000.00)	\$ -
84-42-960	TRANSFERS TO RESERVE FUNDS	\$ 98,200.00	\$ -	\$ 98,200.00
84-42-999	CONTINGENCY	\$ 200,000.00	\$ -	\$ 200,000.00
	TOTAL NON-OPERATING EXPENDITURES	\$ 769,600.00	\$ 90,502.00	\$ 860,102.00

	SUMMARY REPORT	2019 Budget	Adjustment	2020 BUDGET
	TOTAL GAS FUND REVENUE	\$ 1,312,800.00	\$ (102,326.00)	\$ 1,210,474.00
	TOTAL GAS FUND EXPENDITURE	\$ 1,294,200.00	\$ 70,602.00	\$ 1,364,802.00
	DIFFERENCE	\$ 18,600.00	\$ (172,928.00)	\$ (154,328.00)

Joint Administration

	EXPENDITURES	2019 Budget	Adjustment	2020 BUDGET
65-41-110	SALARIES-PERMANENT EMPLOYEES	\$ 298,400.00	\$ 147,168.00	\$ 445,568.00
65-41-117	ATTORNEY SALARY	\$ -	\$ 40,000.00	\$ 40,000.00
65-41-130	PAYROLL TAXES	\$ 25,200.00	\$ 21,094.00	\$ 46,294.00
65-41-140	BENEFITS-OTHER	\$ 41,400.00	\$ 59,070.00	\$ 100,470.00
65-41-144	PRINT & POSTAGE	\$ -	\$ 10,000.00	\$ 10,000.00
65-41-150	STIPENDS - UTILITY BOARD	\$ 11,700.00	\$ -	\$ 11,700.00
65-41-160	MERCHANT PROCESSING	\$ -	\$ 30,000.00	\$ 30,000.00
65-41-165	CAPITAL BUILDING	\$ -	\$ 2,000.00	\$ 2,000.00
65-41-170	CAPITAL EQUIPMENT	\$ -	\$ 3,000.00	\$ 3,000.00
65-41-175	CAPITAL RESERVE PURCHASES	\$ -	\$ 12,000.00	\$ 12,000.00
65-41-235	FOOD & REFRESHMENT	\$ 4,700.00	\$ 1,300.00	\$ 6,000.00
65-41-250	EQUIPMENT SUPPLIES & MAINT	\$ 26,500.00	\$ -	\$ 26,500.00
65-41-257	FUEL	\$ 30,900.00	\$ (2,900.00)	\$ 28,000.00
65-41-260	TOOLS & EQUIPMENT-NON CAPITAL	\$ -	\$ 26,000.00	\$ 26,000.00
65-41-271	MAINT & SUPPLY - OFFICE	\$ 2,000.00	\$ 2,000.00	\$ 4,000.00
65-41-280	UTILITIES	\$ 5,700.00	\$ 8,300.00	\$ 14,000.00
65-41-285	POWER	\$ 6,900.00	\$ 6,000.00	\$ 12,900.00
65-41-310	PROFESSIONAL & TECHNICAL	\$ 5,300.00	\$ 20,000.00	\$ 25,300.00
65-41-313	AUDITOR	\$ -	\$ 25,000.00	\$ 25,000.00
65-41-315	LEGAL	\$ -	\$ 5,000.00	\$ 5,000.00

65-41-330	EDUCATION	\$	2,100.00	\$	6,900.00	\$	9,000.00
65-41-510	INSURANCE	\$	98,800.00	\$	31,200.00	\$	130,000.00
65-41-630	PRE-ACCOUNT HOLDING	\$	-	\$	-	\$	-
65-41-720	BUILDINGS	\$	-	\$	10,000.00	\$	10,000.00
65-41-741	EQUIPMENT - OFFICE	\$	3,200.00	\$	-	\$	3,200.00
65-41-780	RESERVE PURCHASES	\$	-	\$	-	\$	-
65-41-901	POMOTIONAL SURVEY	\$	-	\$	11,000.00	\$	11,000.00
65-41-900	AUTOMATIC PAYMENT REBATE	\$	-	\$	3,000.00	\$	3,000.00
65-41-850	DEBT SERVICE - VEHICLE & EQUIP	\$	11,000.00	\$	-	\$	11,000.00
65-41-960	TRANSFERS TO RESERVE FUNDS	\$	27,000.00	\$	-	\$	27,000.00
	TOTAL EXPENDITURES	\$	600,800.00	\$	477,132.00	\$	1,077,932.00

	REVENUES	2019 Budget	Adjustment	2020 BUDGET			
65-38-102	TRANSFER FROM WATER FUND	\$	214,600.00	\$	90,530.00	\$	305,130.00
65-38-103	TRANSFER FROM WASTEWATER	\$	278,900.00	\$	181,100.00	\$	460,000.00
65-38-105	TRANSFER FROM GAS FUND	\$	107,400.00	\$	205,402.00	\$	312,802.00
	TOTAL REVENUES	\$	600,900.00	\$	477,032.00	\$	1,077,932.00

Joint Admin Revenues over Expenditures

\$ - \$ - \$ -

Total Revenue

\$ 3,376,169.00

Total Revenues over Expenditures

\$ (259,463.00)

Total Expenditures

\$ 3,635,632.00

To: Hildale-Colorado City Utility Department
From: Harrison Johnson
Date: 18 June 2019
Subject: Expedited Invoice Request Policy

All expedited invoice requests exceeding \$300 shall have final approval by the Utility Director. Any time an expedited invoice request is received the recipient shall take the following steps:

1. Review the request and check for obvious signs of attempted fraud (i.e. poor English, wrong email domain, unnecessary need for urgency)
2. Confirm with vendor by using known phone number that was not included in the request
3. Send the request to recorder/accounts payable with the following:
 - a. Full request including relevant emails/correspondence
 - b. Payment instructions (if provided)
 - c. Invoice with correct information (No request shall be processed without invoice)
 - d. Email Confirmation from the request recipient that they have confirmed with vendor that the request is legitimate

Once review from recorder and accounts payable is complete, send all information to the Utility Director for final approval. Expedited invoice requests are required to wait one business day before final processing, unless prior approval from Utility Director is given.

All designated procurement officers shall maintain a copy of this policy in their Personnel Policies Manual.

Harrison Johnson
Utility Director
Hildale-Colorado Utility Department

June 6, 2019

Harrison Johnson
 Managing Director
 Hildale/Colorado City Utility Departments
 P.O. Box 840490
 Hildale, UT 84784

Subject: Proposed Scope of Services for Hildale City Groundwater Source Development Feasibility Study

Dear Harrison:

In accordance with your request, this letter has been prepared for your review and consideration. Below is a scope of services and an associated fee from Bowen Collins & Associates (BC&A) to provide a feasibility study for the development of a new groundwater source in the Navajo Sandstone aquifer. The scope of services presented herein describes the individual tasks that will be performed to accomplish this objective. The tasks are summarized as follows:

Task	Description
Task 1	Kickoff Meeting and Site Visit
Task 2	Compile and Evaluate Existing Hydrogeologic Information
Task 3	Water Rights Evaluation
Task 4	Water Quality/Age Dating Analysis
Task 5	Geophysical Investigation Survey
Task 6	Groundwater Modeling
Task 7	Document Results in Groundwater Supply Feasibility Report

PROPOSED SCOPE OF SERVICES

Task 1: Kickoff Meeting and Site Visit

BC&A's Team will prepare for and conduct a project kickoff meeting with Hildale representatives. The purpose of the meeting is to review the scope, budget, and schedule and begin the data collection task. We request that Hildale provide BC&A with copies of existing pertinent project information, such as previous hydrogeologic studies and reports, well logs, water rights, water system maps and GIS data. A site visit will be conducted to tour the existing Hildale spring collection systems in the Navajo Formation.

Deliverables:

- Meeting Agenda
- Meeting Notes with action items

Task 2: Compile and Evaluate Existing Hydrogeologic Information

BC&A will compile existing hydrogeologic information from public sources such as the USGS, Utah Geologic Survey, and the Divisions of Water Rights and Oil, Gas & Mining. BC&A will compile existing well logs from the Utah Division of Water Rights and from the Arizona Department of Water Resources. Data gathering will include published hydrogeologic studies, geologic studies/maps, well drillers logs, and GIS shapefiles. BC&A will evaluate the information and prepare a technical memorandum on the findings as part of Task 7. Interim deliverables will include tables and figures summarizing the data. BC&A will gather information on the existing spring sources and their collection systems. We anticipate that this will include discussions or interviews with Hildale City personnel that are familiar with their original construction and operation.

Deliverables:

- Tables and figures summarizing hydrogeologic data (interim deliverables pending the Feasibility Study Report as Task 7)

Task 3: Water Rights Evaluation

BC&A will compile and conduct an evaluation of Hildale's water rights that are available or potentially available for development of new Navajo aquifer sources. The goal of the water rights evaluation is to identify the water rights, their volume or amount, and place and type of use. From this, an assessment into the total quantity of available water rights and need for change applications will be performed. The evaluation is not an in-depth assessment of the legal standing or other complexities of the water rights.

Deliverable:

- Table summarizing available water rights

Task 4: Water Quality/Age Dating Analysis

BC&A will compile and evaluate existing water quality information for the Navajo Sandstone Formation. BC&A will collect water samples from the existing 2 spring sources completed in the Navajo Formation for age dating analyses. The goal is to better understand the spring flow and local precipitation/climate data to define the vulnerability of the springs to drought and climate change. BC&A will utilize the University of Utah Dissolved and Noble Gas Laboratory and Dr. Kip Solomon for the specialty analytical work. BC&A's scope for this task is the data evaluation and reporting. Analytical and reporting costs from the University of Utah have a budgetary cost estimate of \$6,000 at this time. The analyses will include dissolved and noble gases (14 parameters), tritium, helium, chlorofluorocarbons (CFC's), and common ions. The lab typically requires several months to complete most of the isotope analyses. The geochemistry data will be used for determining the groundwater time of travel to the springs and infer the recharge elevation of the source water. We assume that a total of 2 samples (Jans Canyon and Maxwell Canyon Springs) will be collected for the study. If available, BC&A will also compile the available spring flow records and compare them to local recent meteorological data (precipitation records) to evaluate the relationship and vulnerability of spring flow to climate changes, with the knowledge gained from the geochemistry study. The results of the age dating analyses will be summarized in a Technical Memorandum report.

Deliverable:

- Technical Memorandum Report on Age Dating Analyses

Task 5: Geophysical Investigation Survey

The intent of this task is to perform a geophysical survey(s) to investigate the Navajo Sandstone Formation for preferential flow paths due to fractures, joints, bedding planes, and contact with the Kayenta Formation. This information would be used to further the hydrogeologic characterization of the Navajo Formation and for the site selection and design of future water supply wells. It is recommended that the scoping and selection of the geophysical survey technique be made after the existing hydrogeologic information is compiled and evaluated. BC&A will solicit a proposal from Willow Stick, a geophysical survey company located in Sandy, Utah. Willow Stick has previous experience with surveys of the Navajo Formation. We have contacted Willow Stick and obtained a budgetary cost estimate of \$60,000 at this time. BC&A will coordinate the survey work performed by Willow Stick. A report on the findings of the geophysical survey will be prepared by Willow Stick.

Deliverable:

- Geophysical Survey Report

Task 6: Groundwater Modeling

BC&A will develop a conceptual hydrogeologic model of the Navajo Sandstone aquifer. We are currently not aware of a published USGS numerical groundwater flow model (MODFLOW model) for the site. We understand that Sunrise Engineering may have previously developed a numerical model of the aquifer. If so, it would be helpful to obtain a copy of it. BC&A will develop a basic numerical model (MODFLOW) of the Navajo aquifer. BC&A will use the MODFLOW model to make predictive simulations of groundwater extraction (groundwater pumping) for the purpose of assessing the feasibility and sustainability of developing an adequate water supply for Hildale. It is anticipated that there is limited existing well information and that developing a robust, calibrated model will not be possible or feasible.

Deliverable:

- Basic MODFLOW model of the Navajo Aquifer and up to 3 predictive groundwater extraction simulations

Task 7: Groundwater Supply Feasibility Report

BC&A will prepare a report summarizing the data and results from the study and above described tasks. The report will focus on recommendations for potential development of new water supply from the Navajo aquifer and include recommendations for a test drilling program (horizontal/vertical), and conceptual well drilling cost estimates. In addition, any critical flaws or issues associated with the development of groundwater in the Navajo aquifer identified at this point will be included.

Deliverable:

- Draft and Final Groundwater Supply Feasibility Study Report

PROPOSED SCHEDULE

BC&A proposes to complete this feasibility study within a time period of approximately 6 months. Table 1 shown below provides the estimated time required to complete each task outlined in the scope of services.

Table 1. Proposed Project Schedule

Hildale Source Development Feasibility Study								
Task	Task Item	Duration (Weeks)	Month					
Objective	Objective Description		1	2	3	4	5	6
1	Kickoff Meeting and Site Visit	1	█					
2	Compile and Evaluate Hydrogeologic Information	5	█	█	█			
3	Water Rights Evaluation	3			█	█		
4	Water Quality/Age Date	18			█	█	█	█
5	Geophysical Investigation Survey	4			█	█		
6	Groundwater Modeling	7			█	█	█	
7	Groundwater Supply Feasibility Report	5						█

COST SUMMARY

BC&A has tabulated the estimated man-hours and costs to complete each task outlined in the previously defined scope of services. As presented in the attached exhibit, we propose to complete the scope of services for a fee not to exceed \$113,379. This fee includes the budgetary cost estimates for the geophysical survey and water quality/age dating services.

We are willing to negotiate the scope of work, schedule, and fee if there is something in this proposal that does not meet the needs of Hildale City. We look forward to working with Hildale City on this feasibility study. We are available to start work immediately. Please call if you have any questions or if you need additional information.

Sincerely,

BOWEN COLLINS AND ASSOCIATES



Todd Olsen, P.E.
 Project Manager

Attachment

Groundwater Supply Feasibility Study
Hildale City
Engineering Man-hours and Fee Estimate



6/6/2019

		Office		Engineers					Subtotal Hours	Subtotal Labor	Subtotal Expenses	Total Cost
Labor Category		Account	Editor	Eng 3	Eng 1	Eng 3	PM	Sr Hydro				
Staff		Buhler	Hilbert	Anderson	Trow	DeKorver	Olsen	Mikell				
Task	Task Description											
Groundwater Supply Feasibility Study												
1	Kickoff Meeting and Site Visit	1			8	8	4	6	27	\$ 3,810	\$ 525	\$ 4,335
2	Compile and Evaluate Hydrogeologic Information	1		8	40	40	2	8	99	\$ 12,750	\$ 923	\$ 13,673
3	Water Rights Evaluation			2		4	2	8	16	\$ 2,610	\$ -	\$ 2,610
4	Water Quality/Age Date				3				3	\$ 342	\$ -	\$ 342
5	Geophysical Investigation Survey	1		2	16		2	4	25	\$ 3,222	\$ 563	\$ 3,785
6	Groundwater Modeling			2	50	24	4	12	92	\$ 12,024	\$ -	\$ 12,024
7	Groundwater Supply Feasibility Report	1	4	4	24	24	4	16	77	\$ 10,496	\$ 525	\$ 11,021
TOTAL HOURS		4	4	18	141	100	18	54	339		\$ 2,535	\$ 47,789
	Geophysical Survey										\$ 60,000	\$ 60,000
	Water Quality/Age Dating Sampling										\$ 6,000	\$ 6,000
TOTAL OUTSIDE EXPENSES												\$ 66,000
TOTAL COST NOT TO EXCEED										\$ 45,254	\$ 68,535	\$ 113,789

Expenses include:

- Mileage reimbursement at \$0.75/mile
- Travel per diem
- 10% Markup on other project related expenses

8 - Signature

Fill In All Boxes Highlighted In YELLOW

Investigative and administrative costs incurred by the Utah Department of Environmental Quality (DEQ) or the Utah Drinking Water Board will eventually be billed to the project. A budget item for this expense has been calculated on Tab 3.

The budget for DEQ Administrative Costs is: \$ (From Tab 3)

Please read and acknowledge the following.

AGREEMENT:

If the project is authorized by the Board, all costs incurred by the Utah Department of Environmental Quality (DEQ) or the Utah Drinking Water Board from the beginning of the application process will be charged to the project and paid by the applicant as a part of the total project cost.

The "bond purchase price" will be the amount of money advanced by the Drinking Water Board to the Sponsor for all costs related to the project, **plus** the anticipated costs to DEQ and the Board for reviews and other administrative activities.

Normal costs incurred by the Department of Environmental Quality or Board during preliminary project investigation and prior to Board Authorization will **not** become a charge to the applicant . . .

- a. If the project is found not feasible
- b. If the application is denied by the Board,
- c. If the applicant withdraws the application prior to the Board's authorization.

If the applicant decides not to build the project after the Board has authorized the project, all costs accruing after the authorization will be reimbursed by the applicant to the Board.

By typing in the following boxes, I hereby accept the policy and conditions as enumerated above. Furthermore, I also pledge that the information provided in this application form is true and complete to the best of my knowledge.

Water System Name:

Presiding Officer:

Title:

Would You Like To Add Any Additional Information or Comments?

Please do so here . . .

Who Entered Data Into This Form?

Please enter the names, phone numbers and e-mail addresses of all those who helped complete this form.

Harrison Johnson 435-874-1160 harrisonj@hildalecity.com

Thank You For Completing This Application Form.

End of Tab 9 - SIGNATURE Worksheet