



Regular City Council Meeting
Tuesday, September 17, 2019
City Hall Council Chambers
5249 South 400 East, Washington Terrace City
801-393-8681
www.washingtonterracecity.com

1. **ROLL CALL** **6:00 P.M.**

2. **PLEDGE OF ALLEGIANCE**

3. **WELCOME**

4. **CONSENT ITEMS**

4.1 APPROVAL OF AGENDA

Any point of order or issue regarding items on the Agenda or the order of the agenda need to be addressed here prior to the approval of the agenda.

4.2 APPROVAL OF SEPTEMBER 3, 2019, MEETING MINUTES

5. **CITIZEN COMMENTS**

This is an opportunity to address the Council regarding your concerns or ideas that are not on the agenda as part of a public hearing. Please limit your comments to no more than 3 minutes.

6. **COUNCIL/STAFF RESPONSE AND CONSIDERATION TO CITIZEN COMMENTS**

Council and staff will consider and address concerns and take appropriate measures to follow up on any comments made in the citizen comments item on the agenda.

7. **NEW BUSINESS**

7.1 MOTION/ORDINANCE 19-07: AMENDMENT TO SECTION 17.44.080 OF THE MUNICIPAL CODE REGARDING FENCE, HEDGE, AND WALL REGULATIONS.

Amending City Code to allow for scalloped fencing in corner lots.

7.2 MOTION: APPROVAL TO AWARD THE CONSTRUCTION CONTRACT FOR

For more information on these agenda items, please visit our website at www.washingtonterracecity.com

In compliance with the Americans with Disabilities Act, persons who have need of special accommodation should contact the City Recorder at 801-395-8283.

CERTIFICATE OF POSTING

The undersigned, duly appointed City Recorder, does hereby certify that the above notice and agenda was posted in three public places within the City of Washington Terrace City limits and sent to the *Standard Examiner* at least 24 hours prior to the meeting. Amy Rodriguez, City Recorder.

THE WATER MAINS TO FEED TANK # 1

Approval to award the contract for the water main lines to feed Tank #1 as part of the CDBG 2019 Grant award. Bids were opened and tabulated on September 10, 2019.

8. COUNCIL COMMUNICATION WITH STAFF

This is a discussion item only. No final action will be taken.

9. ADMINISTRATION REPORTS

This is an opportunity for staff to address the Council pertaining to administrative items.

10. UPCOMING EVENTS

September 26th: Planning Commission 6:00 p.m. (tentative)

October 1st : City Council Meeting 6:00 p.m.

October 7th: City Offices closed for Columbus Day

October 15th: City Council Meeting 6:00 p.m.

October 24th: Planning Commission (tentative)

11. ADJOURN THE MEETING: MAYOR ALLEN

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City of Washington Terrace

Minutes of a Regular City Council meeting
Held on September 3, 2019
City Hall, 5249 South 400 East, Washington Terrace City,
County of Weber, State of Utah

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10

MAYOR, COUNCIL, AND STAFF MEMBERS PRESENT AT WORK SESSION

- 11 Mayor Mark C. Allen
- 12 Council Member Scott Monsen
- 13 Council Member Blair Brown
- 14 Council Member Larry Weir
- 15 Council Member Scott Barker
- 16 Council Member Jeff West - excused
- 17 Finance Director Shari' Garrett
- 18 City Treasurer Heidi Gerritsen
- 19 Public Works Director Jake Meibos
- 20 Public Works Operations Manager Denzil Remington
- 21 City Recorder Amy Rodriguez
- 22 City Manager Tom Hanson

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Others Present

Dennis Lyon

25
26

1. WORK SESSION: 5:00 P.M.

27 Topics to include, but are not limited to: NLC Service Line Warranty Program. Discussion of
28 endorsing a utility warranty program regarding responsibilities of lateral lines and homeowners
29 protection.

30
31 Hanson stated that he has spoken to the ULCT concerning the problem of lateral problems with other
32 homes. He introduced Dennis Lyon from the NLC Service Line Program.

33 He explained that they provide voluntary protection on their lines. He stated that the City is held
34 harmless, however, it is only available through a partnership with the City. He stated that his corporation
35 administers the program.

36 Lyon stated that they are the only company who offers this service through a partnership with the city.
37 He stated that Utah passed a bill stating that it is the responsibility of the water service providers to
38 educate the residents on their responsibilities concerning their properties. He stated that their marketing
39 efforts are targeted towards homeowners. He stated that they are strictly residential. He stated that the
40 City is responsible for the public side of the pipes and the residents are responsible for their side.

41 Lyon stated that there is an on-going revenue benefit for the city.

42 Lyon stated that they send out a letter to homeowners stating that the insurance is available through a
43 partnership with the city. He stated that those who do not participate in the protection side of it, at lease,
44 get an education on the issues at hand.

45
46 Lyon stated that they select local contractors and put them through a stringent vetting program. There are
47 no service costs to the homeowners.

48 Lyon explained the coverage to Council. He stated that they cover the lines from the sidewalk to the

49 home. He stated that the homeowner is covered for \$8500 per occurrence. This includes public streets
50 and sidewalk cutting. He stated that they do not do a long term contract. He stated that the insurance will
51 be on a month to month contract. He stated that there are no pre-inspections required, however, there is a
52 30 day waiting period.

53 Lyon stated that homeowners can opt out at any time.

54
55 Lyon explained that the city would receive .50 cents per month per paid warranty agreement. The royalty
56 can also be declined by the city and the savings are passed to the residents in the program.

57 Lyon explained that the marketing would clearly state that it is a voluntary product and is not a city
58 provided program and that it is offered to them by an outside program with a partnership with the City.

59
60 Lyon stated that he would need a city logo and signature to go on the marketing products. He stated that
61 the partnership accomplished economy of sale and ability to offer the products from a lower cost.

62
63 Council Member Monsen stated that if our logo is on the marketing and partnership, it seems that the
64 City has some liability. Lyon stated that the City will be indemnified. He stated that marketing with the
65 City logo allows for higher participation. Hanson stated that it is up to Mayor and Council to decide if
66 they are comfortable to put our name on this product.

67
68 Lyon explained what is covered by the program. He stated that the coverage is for internal and external
69 line coverage. He stated that water and sewer drain lines are covered, faucets and fixtures are not. He
70 stated that the water lines for the hot water heaters is not going to an external connection and typically is
71 not covered. Council Member Brown asked who decides on when to repair or replace. Lyon stated that
72 they rely on their contractors to provide the information as to what would be the best for each incidence.
73 Lyon stated that the lines are warranted for one year. He stated that they use local contractors because
74 they typically know the laws and permits needed for the type of work that they provide.

75
76 Remington asked if the City can say no to some of the contracts on the list. Lyon stated that if there are
77 contractors that the City does not want working with the company, they will not reach out to those
78 contractors and their names will not be given to the contractor recruiting team.

79
80 Lyon stated that they currently have 650 municipalities that they work with. In Utah, they have partnered
81 with 7 cities. He stated that city endorsement does not mean exclusivity.

82
83 Lyon stated that they typically see a 15-20 percent participation rate in the city. He stated that there is not
84 a minimum number requirement for them to offer the program and partnership. He stated that sewer is
85 \$7.75, water coverage is \$5.25 and in home plumbing s around \$9.99 per month. Lyon stated that the
86 resident pays directly to the company and not the City. He stated that rates have not increased in 3 years.

87
88 Lyon stated that if the City notices tree roots in a resident's line who is covered, the City may request that
89 it be taken care of under the resident's policy. Lyon stated that restoration is not covered, only backfill.

90
91 Council Member Brown stated that he likes the program, but does not think that the City should take any
92 money from it. He stated that he'd rather it goes to the residents.

93 Hanson stated that his caution is that the city is branding the service and will reach out to other city
94 managers on the partnership because our reputation is on the line. He stated that it will still need to be
95 vetted by staff.

96
97 **MAYOR, COUNCIL, AND STAFF MEMBERS PRESENT**

98 Mayor Mark C. Allen
99 Council Member Scott Monsen
100 Council Member Blair Brown
101 Council Member Larry Weir – arrived at 6:28 p.m.
102 Council Member Scott Barker
103 Council Member Jeff West
104 Interim Fire Chief Clay Peterson
105 Public Works Director Jake Meibos
106 Public Works Operations Manager Denzil Remington
107 City Recorder Amy Rodriguez
108 Deputy Stephanie Tatton
109 City Manager Tom Hanson

111 **Others Present**

112 Charles and Reba Allen, Ulis Gardiner

114 **2. ROLL CALL**

6:00 P.M.

116 **3. PLEDGE OF ALLEGIANCE**

118 **4. WELCOME**

120 **5. CONSENT ITEMS**

122 **5.1 APPROVAL OF AGENDA**

123 **5.2 APPROVAL OF AUGUST 20, 2019, MEETING MINUTES**

124 Items 5.1 and 5.2 were approved by general consent.

126 **6. CITIZEN COMMENTS**

127 There were no citizen comments.

129 **7. COUNCIL/STAFF RESPONSE AND CONSIDERATION TO CITIZEN
130 COMMENTS**

131 Due to lack of citizen comments in item 6, item 7 is unnecessary.

133 **8. NEW BUSINESS**

135 **8.1 DISCUSSION: NLC SERVICE LINE WARRANTY PROGRAM**

136 Mayor Allen stated that the work session focused on the program. Hanson explained that this utility
137 service is for voluntary insurance protection for sewer and lateral lines that are the responsibility of the
138 homeowner. He stated that this program would be voluntary for the homeowner. He stated that the
139 service is asking the City to partner with them on their branding. Hanson stated that it is the responsibility
140 of staff to vet the program to ensure that it is a reputable service for the residents. He stated that he will
141 speak to other city managers and residents who have the service to see how they feel about it. Mayor
142 Allen stated that the cost would be external water service plan \$5.75, external sewer \$7.75, and interior
143 plumbing would be \$9.99 per month. Hanson stated that this would clarify who is responsible for what
144 lines.

145 Council Member Monsen stated that the idea of providing coverage to residents has some potential. He
146 stated that he feels that if the City has the opportunity to provide something to the residents without

147 coercion, it may be a good idea. Mayor Allen asked if this plan would cover basement restoration.
148 Hanson stated that his understanding is that it is for the lines only, and not restoration. Council Member
149 Brown stated that the City would be putting its name on the service and endorsing the program. He stated
150 that the program would only be for restoration.
151 Council Member Barker stated that if nothing else, this will educate the residents and they can be
152 informed on what their own insurance covers.

153
154 **8.2 MOTION/ORDINANCE 19-08: AN ORDINANCE REPEALING AND RE-ENACTING**
155 **CHAPTER 8.16 OF THE MUNICIPAL CODE “INSPECTION AND CLEANING”**

156 Hanson stated that this amendment is to remain in accordance with new state laws. He stated that the
157 ordinance has been cleaned up and detailed so that we have a stronger and more defensible ordinance.
158 Hanson stated that if the City cleaned up a property where a resident will not, state law allows us to
159 capture the funds through property tax. Council Member Brown stated that there might be other
160 organizations that will help out clean a property where the owner is unable to do so. Hanson stated that
161 per law, the City will only have to notice a weed violation once per season.
162 Hanson stated that the ordinance is more comprehensive than before. Mayor Allen stated that he can rest
163 easy knowing that Inspector Monroe has a good heart and knows the residents and would step in before a
164 lein is placed on properties where the resident cannot take care of the property on their own.
165 Council Member Mosen stated that the ordinance gives the city some potential in enforcing too harshly
166 or too quickly without a good process. He stated that he is concerned about that potential. He asked if
167 Hanson would be able to reach out to a church leader for ways to fix a property before the City moved in
168 hastily. Council Member Barker stated that anyone on Council can also reach out in those situations.
169 Hanson stated that there is not a barrier for a City to reach out when there is a need for help. He stated
170 that problems arise when the church dictates law to the city.
171 Council Member Brown stated that we are the softest on code enforcement in the area. He stated that he
172 is not concerned that we would drop a heavy hammer. Mayor Allen agrees that we are not being harsh
173 enough with the repeat offenders.

174
175 **Motion by Council Member Weir**
176 **Seconded by Council Member Brown**
177 **To approve Ordinance 19-08**
178 **Repealing and re-enacting chapter 8.16 of the Municipal Code**
179 **“Inspection and Cleaning”**
180 **Approved unanimously (5-0)**
181 **Roll Call Vote**
182

183 **9. COUNCIL COMMUNICATION WITH STAFF**

184 Council Member Weir stated that he has a few addresses to pass on to Hanson to pass on to Inspector
185 Monroe.
186 Council Member Barker stated that Little Rohmer Park looks great. Hanson stated that the landscaping
187 should be started next week.
188 Council Member West agreed that the park project is looking great.
189 Hanson stated that all of these projects need the help and guidance of Public Works and appreciates the
190 team that came together to make the park project work.
191 Mayor Allen thanked Public Works for their hard work on all the projects. He thanked Meibos and the
192 crew for their work on the lighting fixtures. Mayor Allen stated that there have been problems with some
193 concrete issues. Hanson stated that a plan will be coming forward soon concerning concrete work.

194
195 **10. ADMINISTRATION REPORTS**

196 Hanson stated that we are still waiting on pricing for power to open 5700 South.
197 Hanson stated that we will be having a summer BBQ sometime in the near future.
198 Mayor Allen stated that there may be some upcoming tours of the Weber County jail and Sheriff
199 Department. The Sheriff will be on the agenda October 1st.
200 Hanson stated that there will be some CDBG contracts coming before Council soon.
201

202 **11. UPCOMING EVENTS**

- 203 **September 3rd: City Council Meeting 6:00 p.m.**
204 **September 11-13th: ULCT Conference in Salt Lake City**
205 **September 17th: City Council Meeting 6:00 p.m.**
206 **September 26th: Planning Commission 6:00 p.m. (tentative)**
207

208 **12. ADJOURN THE MEETING: MAYOR ALLEN**

209 Mayor Allen adjourned the meeting at 6:56 p.m.
210
211

212 _____
213 **Date Approved**

City Recorder



Building & Planning

City Council Staff Report

Author: Building & Planning Dept
Subject: CORNER LOT AMENDING TO ALLOW SCALLOPED STYLE FENCING
Date: September 17, 2019

Type of Item: To amend city ordinance and allow scalloped style fencing to be constructed on corner lots within the City.

Summary Recommendations: By motion, approve scalloped style fencing to be added as an approved style of fencing on corner lots within the sight triangle.

Description:

A. Topic: Allow corner lots within the sight triangle to install scalloped style fencing. A public hearing was held at the Planning Commission Meeting on August 29, 2019. The Commission recommended approval of this ordinance.

B. Background: This type of fencing has been installed in a few areas in the city. After review of this style of fence, it was found that it does not take away from the line of sight or cause a line of sight obstruction. The style and design will need to be defined so that the homeowner and designer will be clear on the construction of this type of fencing.

A scalloped picket fence spaces out panels of various sizes to create an arrangement that resembles the form of a scallop shell. By using shorter panels in the middle of the fencing section and gradually increasing panel height as you work your way to the posts on either end of the section, you can create a u-like shape that, when repeated throughout the entirety of the fence line, achieves an aesthetically pleasing design.

As part of this design the center point shall not be any higher than 2 two feet and the post no higher than 3 three feet, with a scallop appearance, which shall be approved by the building department.

Alternatives:

A. Approve the Request:

The City Council may approve the request and amend the ordinance to allow this type of fencing.

B. Deny the Request:

The City Council can deny the request.

C. Continue the Item:

The City Council could table the item to a later meeting, for action at that time.

Significant Impacts:

No impact to the City

**WASHINGTON TERRACE CITY
ORDINANCE 19-07**

FENCE, HEDGE, AND WALL REGULATIONS AMENDED

**AN ORDINANCE OF THE CITY OF WASHINGTON TERRACE,
UTAH, AMENDING SECTION 17.44.080 OF THE WASHINGTON
TERRACE MUNICIPAL CODE RELATING TO FENCES, HEDGES,
AND WALLS; SEVERABILITY; AND PROVIDING AN EFFECTIVE
DATE.**

WHEREAS, Washington Terrace City (hereafter referred to as “City”) is a municipal corporation, duly organized and existing under the laws of the State of Utah;

WHEREAS, *Utah Code Annotated* §§ 10-8-84 and 10-8-60 authorizes the City to exercise certain police powers and nuisance abatement powers, including but not limited to providing for safety and preservation of health, promotion of prosperity, improve community well-being, peace and good order for the inhabitants of the City;

WHEREAS, Title 10, Chapter 9a, of the *Utah Code Annotated*, 1953, as amended, enables the City to regulate land use and development;

WHEREAS, after publication of the required notice, the Planning Commission held its public hearing on _____, 2019, and subsequently gave its recommendation to _____ this Ordinance;

WHEREAS, the City Council received the recommendation from the Planning Commission and held its public meeting on _____, 2019, and desires to act on this Ordinance;

NOW, THEREFORE, be it ordained by the City Council of Washington Terrace City as follows:

Section 1: Repealer. Any word other, sentence, paragraph, or phrase inconsistent with this Ordinance is hereby repealed and any reference thereto is hereby vacated.

Section 2: Adoption. Section 17.44.080 of the *Washington Terrace Municipal Code* is hereby amended to read as follows:

17.44.080 Fences, Walls And Hedges

- A. Residential Zones:
1. Interior Lots:

- a. Front Yards. No fence shall be erected in any residential zone which exceeds four feet (4') in height. All fences must be constructed on or within the property line.
- b. Back Yards. A fence, wall, or hedge not in excess of six feet (6') in height may be erected anywhere on the lot behind the front yard setback line of the required front and side yard setbacks and is limited to the interior of a lot or parcel.
- c. Residential Zones. A fence within the interior lot or parcel of any rear or side yard area shall not exceed six feet (6') in height.

1. **Corner Lots:**

2. Corner Lots:

- a. Front Yards. No fence shall be erected in any residential zone which exceeds four feet (4') in height, except within the sight triangle. All fences must be constructed on or within the property line. Any fence constructed adjacent to an existing or future sidewalk shall be located a minimum one (1') foot behind sidewalk to allow a clear walkable area.
- b. Back Yards. A fence, wall, or hedge not in excess of six feet (6') in height may be erected anywhere on the lot behind the rear line of the required front setback of the dwelling. On the side bordering the street, a fence, wall, or hedge not in excess of six feet (6') in height may be erected, as adopted in the following requirements.
 - i. Sight Triangle. The "sight triangle" is to protect the line of site for the intersection of an area which extends for forty feet (40') in all zones from the corner in both directions. The maximum height in the sight triangle is two feet (2') for all fences, walls and hedges. All fences within the sight triangle must be on or within the property line. Any trees within the sight triangle must be trimmed above the ground at a seven-foot (7') minimum or comply with section 17.44.130 of this chapter.
 - ii. No fence, wall, or hedge shall be constructed or maintained over, across, surrounding, or limiting access to any public utility or any utility meter. This does not apply to secondary water system valves that may exist in the rear yard or side yard of a property.
 - iii. The sight-triangle shall be maintained and protected for any adjacent primary driveway closer than (24') twenty-four feet of the constructed or proposed fence over (4') four-feet high. Within (24') twenty-four feet, the adjacent driveway sight-triangle shall be protected for the clear view setback of (24') from the edge of primary driveway at one foot back of sidewalk and (15') fifteen-feet from the face-of-curb to the fence alignment nearest the primary driveway. The primary

driveway is defined as the driveway leading directly into the household garage or primary attached carport.

- iv. Any fence, wall, or hedge shall be constructed or maintained behind gas and power meters, utilities to maintain access to those meters and equipment.
- v. Landscaping or shrubbery within the driveway site triangle or the roadway site triangle shall not obstruct or block or impede the line of sight within those areas. Impediments shall be removed or altered in order to protect the sight-triangle for the safety and wellbeing of residents and motorist within the City.
- vi. Scallop fencing maybe installed. The center pointe shall not be any higher than 2 two feet and the post no higher than 3 three feet, with a scallop appearance, which shall be approved by the building department.

3. Retaining Walls. Where a fence is erected on a retaining wall, or where for other reasons there is a difference in elevation of the surface of the land on either side of a fence, the height of the fence shall be measured from the surface of the land on the side having the highest elevation.

- B. Commercial Zones. Fence heights in commercial and manufacturing zones shall be as approved by the planning commission.
- C. Public Facilities. The provisions of this section shall not apply to fences required by state law to surround and enclose public utility installations and public schools.
- D. Residential. Any fences, walls, hedges over six feet (6') shall not be constructed without approval by the appropriate local authority or building official.
- E. Prohibited Fencing. No fence shall be constructed of barbed wire, shard wire, or electrically charged wire in any residential zones. The following material is prohibited in all zones: grape stakes (or similar), plastic sheeting/plastic materials other than vinyl, traps, cloth, canvas or like materials, plywood, pallets, chain link fencing with slats will not be permitted within the front setback nor along any street.
- F. Standard. All fences shall be weather protected from rust, sun, rain, and any other outside elements.
- G. Maintenance of Fences and Walls. All fences, walls, and adjacent areas shall be maintained in good repair at all times by the property owner.
- H. Removal and Repairs. Removing or repairing a fence that does not comply with the municipal code must be re-constructed and re-installed in accordance with the current code requirements.

Section 3: Severability. If a court of competent jurisdiction determines that any part of this Ordinance is unconstitutional or invalid, then such portion of this Ordinance, or specific application of this Ordinance, shall be severed from the remainder, which remainder shall continue in full force and effect.

Section 4: Effective date. This Ordinance shall be effective immediately upon posting or publication after final passage.

ADOPTED AND APPROVED on this ____ day of _____, 2019.

MARK C. ALLEN, Mayor,
Washington Terrace City
ATTEST:

AMY RODRIGUEZ, City Recorder

RECORDED this ____ day of _____, 2019.
PUBLISHED OR POSTED this ____ day of _____, 2019.

CERTIFICATE OF PASSAGE AND PUBLICATION OR POSTING

According to the provision of U.C.A. §10-3-713, 1953 as amended, I, the City Recorder of the City of Washington Terrace, Utah, hereby certify that foregoing Ordinance was duly passed and published or posted at 1) _____, 2) _____, and 3) _____ on the above referenced dates.

AMY RODRIGUEZ, City Recorder

DATE: _____

City Council Staff Report



Author: Jake Meibos

Subject: Water Tank #1 Feed/Distribution water line.

Date: 9/17/2019

Type of Item: Discussion and Motion

Summary Recommendation: Move to award a contract to Great Basin Development and Construction for installing the Feed/ Distribution water line

Description:

A. **Topic:** Water Tank #1 distribution pipe upgrade

B. **Background:** Water Tank #1, located at 5295 South 500 west, is one of two, one-million gallon tanks in the City that will supply water demands and provide fire flows, as required by state law. Phase one of the tank improvements were completed the fall of 2018 by a seismic upgrade. Phase two of the tank improvements will consist of connecting the feeder/distribution line to and from the tank.

Phase two, connecting the feeder water main line to the tank and distribution water main back to the exist system. The feeder line will required a 10” main to be installed and the current 6” water main to be abandoned from 300 west 5350 south, along Ridgeline Drive and to the tank. The distribution pipe from the tank will require a 10” water main that will connect to the existing system at approx. 5275 south Ridgeline Drive.

Analysis: Bids for Tank #1 pipe upgrade were opened Tuesday, Sept. 10, 2019. Four firms bid on the feed/Distribution line were accepted. Great Basin Development and Construction is the qualified low bid - \$343,082.00. The Engineering estimate was \$344,515.00. Including Engineering and 15% contingency \$411,794.

Department Review: Public Works, City Manager, Finance

- A. **Approve the Request:** It is requested that the City Council move to award the Feed/Distribution line Project for Tank #1 to Great Basin Development and Construction.
- B. **Deny the Request:** By denying this request could jeopardize completion of the project by December 31st 2019. The City would not be able to apply for additional CDBG funds during the upcoming application cycle in that event.
- C. **Continue the Item:** The success of this portion of the 2019/2020 CDBG Project will upgrade Water Tank #1 Feed/Distribution. Additionally, if one-half the estimated project funds are not expended by December 31st 2019 the city will not be eligible to apply for 2019/2020 CDBG funding.

BID TABULATION

Washington Terrace 500 West Tank Feed / Distribution Lines CDBG Project

Bid Opening: September 10, 2019 @ 2:00 pm, City Office

Item	Description	Qty	Unit	ENGINEER'S ESTIMATE		AAA Excavation Inc.		Great Basin Development and Construction, LLC		Allied Underground Technology		Toncco Inc.	
				Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	UPDES Storm Water Compliance	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 13,456.00	\$ 13,456.00	\$ 4,000.00	\$ 4,000.00	\$ 24,300.00	\$ 24,300.00	\$ 7,300.00	\$ 7,300.00
2	Traffic control	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 15,956.00	\$ 15,956.00	\$ 4,500.00	\$ 4,500.00	\$ 6,525.00	\$ 6,525.00	\$ 6,900.00	\$ 6,900.00
3	Construct 10" waterline	1,977	lf	\$ 95.00	\$ 187,815.00	\$ 57.00	\$ 112,689.00	\$ 100.00	\$ 197,700.00	\$ 102.76	\$ 203,156.52	\$ 95.00	\$ 187,815.00
4	Construct 8" outfall line	245	lf	\$ 70.00	\$ 17,150.00	\$ 49.28	\$ 12,073.60	\$ 73.00	\$ 17,885.00	\$ 89.31	\$ 21,880.95	\$ 150.00	\$ 36,750.00
5	Construct 6" inlet line	220	lf	\$ 65.00	\$ 14,300.00	\$ 51.71	\$ 11,376.20	\$ 67.00	\$ 14,740.00	\$ 77.65	\$ 17,083.00	\$ 117.00	\$ 25,740.00
6	Construct water loop	4	ea	\$ 6,000.00	\$ 24,000.00	\$ 2,710.00	\$ 10,840.00	\$ 4,170.00	\$ 16,680.00	\$ 4,385.00	\$ 17,540.00	\$ 3,000.00	\$ 12,000.00
7	Furnish and install 10" gate valve	1	ea	\$ 3,500.00	\$ 3,500.00	\$ 2,318.00	\$ 2,318.00	\$ 2,609.00	\$ 2,609.00	\$ 2,141.00	\$ 2,141.00	\$ 3,000.00	\$ 3,000.00
8	Furnish and install 8" gate valve	1	ea	\$ 3,000.00	\$ 3,000.00	\$ 1,660.00	\$ 1,660.00	\$ 1,893.00	\$ 1,893.00	\$ 1,514.00	\$ 1,514.00	\$ 2,500.00	\$ 2,500.00
9	Furnish and install 6" gate valve	1	ea	\$ 2,500.00	\$ 2,500.00	\$ 1,224.00	\$ 1,224.00	\$ 1,438.00	\$ 1,438.00	\$ 1,111.00	\$ 1,111.00	\$ 1,600.00	\$ 1,600.00
10	Connect new waterline to existing 8" waterline (5350 South and 500 West)	1	ea	\$ 3,000.00	\$ 3,000.00	\$ 3,816.00	\$ 3,816.00	\$ 4,363.00	\$ 4,363.00	\$ 5,605.00	\$ 5,605.00	\$ 4,300.00	\$ 4,300.00
11	Connect new waterline to existing 10" waterline (500 West and 5350 S/300 West).	3	ea	\$ 3,000.00	\$ 9,000.00	\$ 3,910.00	\$ 11,730.00	\$ 4,108.00	\$ 12,324.00	\$ 3,497.00	\$ 10,491.00	\$ 5,000.00	\$ 15,000.00
12	Connect new waterline to existing 6" waterline (500 W/5300 S)	1	ea	\$ 3,000.00	\$ 3,000.00	\$ 3,780.00	\$ 3,780.00	\$ 4,289.00	\$ 4,289.00	\$ 4,505.00	\$ 4,505.00	\$ 3,700.00	\$ 3,700.00
13	Connect existing service lateral to new waterline	7	ea	\$ 1,000.00	\$ 7,000.00	\$ 1,500.00	\$ 10,500.00	\$ 1,045.00	\$ 7,315.00	\$ 1,365.00	\$ 9,555.00	\$ 1,850.00	\$ 12,950.00
14	Re-connect existing fire hydrant to new waterline	1	ea	\$ 3,000.00	\$ 3,000.00	\$ 2,695.00	\$ 2,695.00	\$ 3,426.00	\$ 3,426.00	\$ 4,546.00	\$ 4,546.00	\$ 4,000.00	\$ 4,000.00
15	Construct new outlet pipe from existing tank	1	ea	\$ 8,000.00	\$ 8,000.00	\$ 8,709.00	\$ 8,709.00	\$ 13,401.00	\$ 13,401.00	\$ 6,291.00	\$ 6,291.00	\$ 29,000.00	\$ 29,000.00
16	Connect new inlet pipe to existing tank/pipe	1	ea	\$ 8,000.00	\$ 8,000.00	\$ 6,000.00	\$ 6,000.00	\$ 2,978.00	\$ 2,978.00	\$ 2,759.00	\$ 2,759.00	\$ 2,500.00	\$ 2,500.00
17	Furnish and install flow control vault	1	ea	\$ 30,000.00	\$ 30,000.00	\$ 28,324.00	\$ 28,324.00	\$ 33,038.00	\$ 33,038.00	\$ 41,044.00	\$ 41,044.00	\$ 35,000.00	\$ 35,000.00
18	Plug new 10" waterline	1	ea	\$ 1,250.00	\$ 1,250.00	\$ 1,360.00	\$ 1,360.00	\$ 503.00	\$ 503.00	\$ 709.00	\$ 709.00	\$ 1,800.00	\$ 1,800.00
TOTAL (Items 1-18)				\$344,515.00		\$258,506.80		\$343,082.00		\$380,756.47		\$391,855.00	

Project Engineer 

Date 9/10/2019