

**Agenda for the
Regular Meeting of the
Englewood City Council
Monday, August 18, 2014
7:30 pm**

Englewood Civic Center – Council Chambers
1000 Englewood Parkway
Englewood, CO 80110

1. Call to Order.
2. Invocation.
3. Pledge of Allegiance.
4. Roll Call.
5. Consideration of Minutes of Previous Session.
 - a. Minutes from the Regular City Council Meeting of August 4, 2014.
6. Recognition of Scheduled Public Comment. (This is an opportunity for the public to address City Council. There is an expectation that the presentation will be conducted in a respectful manner. Council may ask questions for clarification, but there will not be any dialogue. Please limit your presentation to five minutes.)
 - a. Englewood High School students Sofia Montoya and Kennedy Watson will be present to address Council regarding their attendance at the National Future Business Leaders of America in Tennessee.
7. Recognition of Unscheduled Public Comment. (This is an opportunity for the public to address City Council. There is an expectation that the presentation will be conducted in a respectful manner. Council may ask questions for clarification, but there will not be any dialogue. Please limit your presentation to three minutes. Time for unscheduled public comment may be limited to 45 minutes, and if limited, shall be continued to General Discussion.)

Council Response to Public Comment.
8. Communications, Proclamations, and Appointments.
 - a. A resolution appointing Laura Phelps Rogers as an alternate member and appointing Melissa Izzo as a member of the Cultural Arts Commission.

Please note: If you have a disability and need auxiliary aids or services, please notify the City of Englewood (303-762-2405) at least 48 hours in advance of when services are needed.

9. Consent Agenda Items
 - a. Approval of Ordinances on First Reading.
 - b. Approval of Ordinances on Second Reading.
 - i. Council Bill No. 48, authorizing amendments to the Englewood Municipal Code setting the maximum fine amount at \$2650 and deleting sections 1-4 and 1-4-6 in their entirety.
 - c. Resolutions and Motions.
10. Public Hearing Items. (None Scheduled)
11. Ordinances, Resolutions and Motions.
 - a. Approval of Ordinances on First Reading.
 - b. Approval of Ordinances on Second Reading.
 - c. Resolutions and Motions.
 - i. Recommendation from the Littleton/Englewood Wastewater Treatment Plant Advisory Committee to approve, by Motion, a purchase order for the repair and rebuild of Return Secondary Sludge Pumps located at the Littleton/Englewood WWTP. Staff further recommends awarding the purchase order to the lowest acceptable bidder, Ambiente H2O, in the amount of \$92,000. **Staff Source: Stewart H. Fonda, Director of Utilities and Chong Woo, Engineering/Maintenance Manager.**
12. General Discussion.
 - a. Mayor's Choice.
 - i. Letter of support for the Sheridan Great Outdoors Colorado grant application for the River Run Park Project.
 - b. Council Members' Choice.
13. City Manager's Report.
14. City Attorney's Report.
15. Adjournment.



CITY OF ENGLEWOOD
CULTURAL ARTS COMMISSION

MEMORANDUM

TO: City Council

FROM: Debby Severa, Recording Secretary ✓
Cultural Arts Commission

THROUGH: Gary Sears, City Manager
Jerrell Black, Director of Parks and Recreation

DATE: August 7, 2014

RE: Cultural Arts Commission Member Laura Phelps Rogers Sabbatical

On July 1, 2014, Cultural Arts Commission Member Laura Phelps Rogers notified staff that due to her schedule she needed to request a sabbatical from her role on the Board until October 2014. At last night's Cultural Arts Commission meeting, Chairperson Martinez informed the Board of Phelps Rogers' request and asked the Board how it wanted to handle the request. Board members felt that they could accommodate Phelps Rogers request but due to concerns of not having a quorum and being able to conduct formal business, board members recommended that Phelps Rogers be moved to Alternate Member position and current Alternate Member Melissa Izzo be moved to the position of Commission Member (voting).

A motion was made by Vice Chairperson Martha Kirkpatrick and seconded by Commission Member Tammy Emmanuel to move Commission Member Phelps Rogers to the Alternate Member position and current Alternate Member Melissa Izzo be moved into the Commission Member position.

Ayes: Martinez, Kirkpatrick, Emmanuel, Hopkins, Mallen, Rose

Nayes: None

The motion passed.

/das

cc: Dan Brotzman
Mike Flaherty
Cultural Arts Commission

RESOLUTION NO. _____
SERIES OF 2014

A RESOLUTION APPOINTING LAURA PHELPS ROGERS AS AN ALTERNATE MEMBER AND APPOINTING MELISSA IZZO AS A MEMBER OF THE CULTURAL ARTS COMMISSION FOR THE CITY OF ENGLEWOOD, COLORADO.

WHEREAS, the Englewood Cultural Arts Commission was established by the Englewood City Council with the passage of Ordinance No. 5, Series of 1996; and

WHEREAS, the purpose of the Cultural Arts Commission is to provide planning for the development of cultural arts activities and to implement an Arts Plan; and

WHEREAS, was previously named as a Member of the Englewood Cultural Arts Commission and has requested a sabbatical from her role on the Commission; and

WHEREAS, the Englewood City Council desires to appoint Laura Phelps Rogers as an alternate member to the Englewood Cultural Arts Commission; and

WHEREAS, City Council has requested staff to send this alternate member packets for the Commission she will be serving on so that she can maintain an understanding of the current issues and rules; and

WHEREAS, with Laura Phelps Rogers requested sabbatical there is a vacancy on the Englewood Cultural Arts Commission; and

WHEREAS, Melissa Izzo has graciously applied for appointment to the Englewood Cultural Arts Commission; and

WHEREAS, Melissa Izzo was previously named as an alternate member of the Cultural Arts Commission; and

WHEREAS, the Englewood City Council desires to appoint Melissa Izzo to the Englewood Cultural Arts Commission.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF ENGLEWOOD, COLORADO, AS FOLLOWS:

Section 1. Melissa Izzo is hereby appointed to the Cultural Arts Commission for the City of Englewood, Colorado. Melissa Izzo's term will become effective immediately and expire on July 1, 2016.

Section 2. The Englewood City Council hereby appoints Laura Phelps Rogers as an alternate member of the Cultural Arts Commission for the City of Englewood, Colorado.

ADOPTED AND APPROVED this 18th day of August, 2014.

ATTEST:

Randy P. Penn, Mayor

Loucrishia A. Ellis, City Clerk

I, Loucrishia A. Ellis, City Clerk for the City of Englewood, Colorado, hereby certify the above is a true copy of Resolution No. _____, Series of 2014.

Loucrishia A. Ellis, City Clerk

BY AUTHORITY

ORDINANCE NO. _____
SERIES OF 2014

COUNCIL BILL NO. 48
INTRODUCED BY COUNCIL
MEMBER OLSON

AN ORDINANCE AMENDING TITLE 1, CHAPTER 4, OF THE ENGLEWOOD MUNICIPAL CODE 2000, ENTITLED GENERAL PENALTY.

WHEREAS, during the 2014 Colorado legislative session HB 14-1061 was passed that affected all courts in the State of Colorado and their processes for issuing what has been referred to as “pay or serve” warrants; and

WHEREAS, while the Englewood Municipal Court has always had procedures in place to ensure that no defendant ever was held in the jail for failing to pay a fine simply because they were indigent, this new law essentially eliminated a Court’s ability to utilize most “pay or serve” warrants; and

WHEREAS, based on the new statewide mandate that includes all municipal home rule courts, Englewood’s Code provisions need to be modified; and

WHEREAS, the Court and Prosecution have been pro-active in dealing with this situation and have implemented a variety of other tools that will help with the collection of fines, service of jail sentences, and the reduction of recidivism; and

WHEREAS, in 2013, the Colorado Revised Statutes were amended to permit municipalities to increase their maximum fines up to \$2,650.00 for any traffic or ordinance violation; and

WHEREAS, as some violations have become more complex over time, the Court seeks the opportunity to have this maximum allowable amount available when the circumstances warrant such action.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF ENGLEWOOD, COLORADO, THAT:

Section 1. The City Council of the City of Englewood, Colorado hereby authorizes amending Title 1, Chapter 4, Sections 1, 4, and 6, entitled General Penalty of the Englewood Municipal Code 2000, to read as follows:

1-4-1: General Penalty.

- A. *Fine; Imprisonment:* It shall be unlawful for any person to violate, disobey, omit, neglect, refuse or fail to comply with or resist the enforcement of any provision of this

Code or any secondary code adopted herein. Except as otherwise specifically provided for in this Code, the violation of any provisions of this Code or of any secondary code adopted herein shall be punished by a fine not exceeding ~~one thousand dollars~~ two thousand six hundred and fifty dollars (\$1,000.00 2,650.00) or imprisonment for a term not exceeding three hundred sixty (360) days or by both such fine and imprisonment. The imposition of one (1) penalty shall not excuse any violation nor permit it to continue. Unless otherwise indicated, a separate offense shall be deemed committed upon each day or portion thereof during or on which any violation of any provision of this Code ⁽²⁾ or any secondary code adopted herein occurs or continues.

- B. *No Jail Sentence for Juveniles:* No jail sentence shall be imposed upon persons under the age of eighteen (18) years.
- C. *Trial By Jury for Juveniles:* No child under the age of eighteen (18) years shall be entitled to a trial by jury for a violation of a municipal ordinance for which imprisonment in jail is not a possible penalty; except that such a child is entitled to a trial by jury for any offense which would be a Class 1 misdemeanor under a State counterpart statute.
- D. Every person convicted of a violation of any provision stated or adopted which is designated as a "traffic infraction" and for which a penalty is paid or payable at the "Traffic Violations Bureau" shall be punished by a penalty not exceeding ~~one thousand~~ two thousand six hundred and fifty dollars (~~\$1,000.00~~ 2650.00). There shall be no imprisonment for traffic infractions.

1-4-2: Cumulative Remedies.

- A. Whenever any act or condition is herein declared to be, or constitutes, a nuisance or provides a cause of action for injunction or other civil remedy, the said remedies shall be considered to be cumulative, and in addition to the penalties hereinabove provided, an action for abatement, injunction or other civil remedy may be brought against such violator.
- B. The suspension or revocation of any license, permit or other privilege conferred by the City shall not be regarded as a penalty for the purposes of this Code.
- C. When work or activity for which a permit or license is required by this Code or any code adopted herein is commenced without first having acquired such permit or license, the specified fee shall be doubled, but the payment of such double fee shall not relieve any person from fully complying with all the requirements of this Code or any code adopted herein, nor from any other prescribed penalties. Payment of such double fee or any unpaid portion thereof may be compelled by civil action in any court of competent jurisdiction. The acceptance of any portion less than the entire amount of such double fee by any officer or employee of the City shall not constitute a waiver or release of the balance thereof.

1-4-3: Presumption of Responsibility, Liability.

- A. *Responsible Persons.* The occupant of any premises upon which a violation of any provisions of this Code or of any code adopted hereby is apparent, the owner of any object or material placed or remaining anywhere in violation of any provision of this Code or of any code adopted hereby, and the occupant of any premises served by any excavation or

structure illegally made or erected shall be deemed prima facie responsible for the violation so evidenced, and subject to the penalty provided therefor.

- B. *Criminal Liability of a Person for Corporate Conduct.* An individual is criminally liable for conduct constituting a violation of any Englewood Municipal ordinance which he performs or causes to occur in the name of or in behalf of a corporation to the same extent as if that conduct were performed or caused by him in his own name or behalf.

1-4-4: Failure to Pay Fine, Imprisonment.

~~If any person shall neglect or refuse to satisfy any fine imposed for a violation of this Code or any code adopted herein, upon order of the Municipal Court, he shall be committed to the City jail until such judgment and costs are fully satisfied; provided that no such imprisonment shall exceed ninety (90) days for any one offense.~~

1-4-5: Power to Pardon.

The Mayor shall have power to grant pardons and to remit fines and penalties imposed for the violation of any section of this Code, but in every case where he exercises this power, he shall report such action to the City Council at its next meeting, with his reasons therefor.

1-4-6: City Jail; Confinements.

~~A. *Jail Record Book.* The City shall maintain a jail book in which shall be entered the following information relative to each person received, detained or ordered confined in the City jail: the jail serial number assigned, the name, age, sex, residence, charge, sentence, date and time received, date and time released and the credits allowed for work assigned or good behavior.~~

~~B. *Persons Confined Required to Work.* Any person committed to jail for a violation of the Code may be required to work for the City at such labor as may be designated by the City Manager or designee, within or without the jail, not exceeding ten (10) hours for each working day.~~

~~C. *Credits Issued.*~~

~~1. *Credit on Jail Sentence.* The City Manager shall have the power to reduce the sentence of a person confined under a jail sentence imposed upon him, where the person so confined does all work assigned to him, abides by the rules of the jail and all instructions given him, and otherwise conducts himself in a proper manner. Such reduction of sentence because of good conduct shall be computed one day for each two (2) days served so that each three (3) days of his sentence may thus be served in two (2) days.~~

~~2. *Credit on Fine.* Any person imprisoned for nonpayment of a fine, who is required to work for the City as provided herein, shall be allowed, exclusive of his board, the additional credit of two dollars (\$2.00) per day for each day's work, on account of such fine and costs.~~

Section 2. Safety Clauses. The City Council hereby finds, determines, and declares that this Ordinance is promulgated under the general police power of the City of Englewood, that it is promulgated for the health, safety, and welfare of the public, and that this Ordinance is necessary for the preservation of health and safety and for the protection of public convenience and welfare. The City Council further determines that the Ordinance bears a rational relation to the proper legislative object sought to be obtained.

Section 3. Severability. If any clause, sentence, paragraph, or part of this Ordinance or the application thereof to any person or circumstances shall for any reason be adjudged by a court of competent jurisdiction invalid, such judgment shall not affect, impair or invalidate the remainder of this Ordinance or its application to other persons or circumstances.

Section 4. Inconsistent Ordinances. All other Ordinances or portions thereof inconsistent or conflicting with this Ordinance or any portion hereof are hereby repealed to the extent of such inconsistency or conflict.

Section 5. Effect of repeal or modification. The repeal or modification of any provision of the Code of the City of Englewood by this Ordinance shall not release, extinguish, alter, modify, or change in whole or in part any penalty, forfeiture, or liability, either civil or criminal, which shall have been incurred under such provision, and each provision shall be treated and held as still remaining in force for the purposes of sustaining any and all proper actions, suits, proceedings, and prosecutions for the enforcement of the penalty, forfeiture, or liability, as well as for the purpose of sustaining any judgment, decree, or order which can or may be rendered, entered, or made in such actions, suits, proceedings, or prosecutions.

Section 6. Penalty. The Penalty Provision of Section 1-4-1 EMC shall apply to each and every violation of this Ordinance.

Introduced, read in full, and passed on first reading on the 4th day of August, 2014.

Published by Title as a Bill for an Ordinance in the City's official newspaper on the 8th day of August, 2014.

Published as a Bill for an Ordinance on the City's official website beginning on the 6th day of August, 2014 for thirty (30) days.

Read by title and passed on final reading on the 18th day of August, 2014.

Published by title in the City's official newspaper as Ordinance No. ____, Series of 2014, on the 22nd day of August, 2014.

Published by title on the City's official website beginning on the 20th day of August, 2014 for thirty (30) days.

This Ordinance shall take effect thirty (30) days after publication following final passage.

Randy P. Penn, Mayor

ATTEST:

Loucrishia A. Ellis, City Clerk

I, Loucrishia A. Ellis, City Clerk of the City of Englewood, Colorado, hereby certify that the above and foregoing is a true copy of the Ordinance passed on final reading and published by title as Ordinance No. ____, Series of 2014.

Loucrishia A. Ellis

COUNCIL COMMUNICATION

Date August 18, 2014	Agenda Item 11 c i	Subject Return Secondary Sludge Pumps Repair - Award of Purchase Order
INITIATED BY Littleton/Englewood WWTP Supervisory Committee		STAFF SOURCE Stewart H. Fonda, Director of Utilities Chong Woo, Engineering/Maintenance Manager

COUNCIL GOAL AND PREVIOUS COUNCIL ACTION

Council approval of the 2014 Littleton/Englewood WWTP Budget.

RECOMMENDED ACTION

The recommended action is to approve, by Motion, a purchase order for the repair and rebuild of Return Secondary Sludge Pumps P-04-442 and P-04-462 located at the Littleton/Englewood WWTP. Staff recommends awarding the purchase order to the lowest reliable and responsive vendor, Ambiente H2O Inc., in the amount of \$92,000.

BACKGROUND, ANALYSIS, AND ALTERNATIVES IDENTIFIED

For the Littleton/Englewood WWTP secondary treatment process, the plant utilizes a total of seven final clarifier tanks and eight return sludge pumps. The secondary treatment process is necessary to remove solids from the wastewater for further downstream nitrification, de-nitrification and disinfection treatment processes. The solids are returned to the treatment system for further processing and eventually converted to Biosolids where they are land applied for beneficial use as a slow release fertilizer.

The return sludge pumps have been in service since 2006 and due to internal damage two of the pumps (P-04-442 and P-04-462) require rebuild and repair. The damage is within expected service life and wear for pumps of this type and size. Each of the pumps is a 50-hp vertical turbine pump, is 20 feet in length, weighs 5,000 lbs., and has a pumping capacity of 5,000 gallons per minute (7.2 million gallons per day).

Staff developed a proposed scope of work for the repair and rebuild of both units. Part of the scope includes pump breakdown and visual inspection for recommendation of repair needs. Staff contacted three qualified vendors to provide quotation based on the scope of work. Vendors were selected based on past experiences and the capabilities to perform repair and rebuild on large vertical turbine pumps of this size and type. Specialized equipment and personnel skills are required to perform repair and rebuild to original manufacturer specifications. The selected vendors have performed repair and rebuild on similar equipment for the WWTP with satisfactory results.

The requested quotes are Not to Exceed and assume worst case for internal damage, machining work, and component(s) replacement, such as bearings, seals and impellers. Parts will be reused where applicable

based on inspection and recommendation, and therefore the total cost of repair may be reduced. Work will include disassembly, sandblast, measurement and inspection, machining, reassembly, testing, and paint coating.

Ambiente H2O Inc. (Fairbanks Nijhuis Pump Services), Sheridan, CO	\$ 92,000
Colorado Centrifugal Inc., Denver, CO	\$116,990
Brimhall Industrial, Monte Vista, CO	\$149,232

Ambiente H2O Inc. was identified as the low quote. Based on our review, the Ambiente H2O quote is responsive and complete. Ambiente H2O is equipped to provide the requisite services to complete the repair and rebuild. Additionally, Ambiente H2O has the onsite capability to test and re-certify the pumps to original performance specifications.

It is recommended to perform pump repair and rebuild to restore the secondary treatment process to full capacity and ensure adequate backup capability. Repair and rebuilds are cost effective procedures to restore equipment to like-new conditions. Repair and rebuilds can effectively extend service life and maintain performance at a substantially reduced cost than complete replacement. The repair and rebuild costs are included in the 2014 Budget.

FINANCIAL IMPACT

The quotation amount is included in the 2014 Budget and will be shared by the Cities of Englewood and Littleton.

LIST OF ATTACHMENTS

Quotation Tabulation Sheet
Memorandum regarding Return Secondary Sludge Pumps P-04-442 and P-04-462 Revised Vendor
Quotation Proposal

Quotation Tabulation Sheet

ITEM: L/E Wastewater Treatment Plant

Repair and Rebuild of Pumps P-04-442 and P-04-462

Contractor	Total Quote
Ambiente H2O, Inc. 1500 West Hampden Ave Suite 5D Sheridan, CO 80110 Steve Hansen 303-433-0364	\$ 92,000.00
Colorado Centrifugal Inc. 775 Mariposa Street Denver, CO 80204 Greg Kesler 303-825-0651	\$ 116,990.00
Brimhall Industrial Inc. P.O. Box 548 2877 US Hwy 285 N Monte Vista, CO 81144 Rick Johnson 719-852-5070	\$ 149,232.00

Low Vendor



MEMORANDUM

TO: Gary Sears, City Manager
Stu Fonda, Director of Utilities

FROM: Chong Woo, Engineering/Maintenance Manager L/E WWTP

DATE: August 11, 2014

SUBJECT: Return Secondary Sludge Pumps P-04-442 and P-04-462 Repair
Revised Vendor Quotation Proposal and Revised Council Communication

Gary and Stu,

For the repair of Return Secondary Sludge Pumps P-04-442 and P-04-462, the WWTP received three proposals from qualified vendors.

Fairbanks Nijhuis Pump Services, Kansas City, KS	\$ 92,000
Colorado Centrifugal Inc., Denver, CO	\$116,990
Brimhall Industrial, Monte Vista, CO	\$149,232

Due to issues with the Terms and Conditions from the low quote, Fairbanks Nijhuis Pump Services, the WWTP has opted to pursue a purchase order agreement from the Fairbanks Nijhuis local sales representative. Ambiente H2O Inc. is the local sales representative for Fairbanks Nijhuis and is authorized to enter into contract agreements. Ambiente H2O has provided a quotation and will honor the same price as Fairbanks Nijhuis. Below is the revised quotation list.

Ambiente H2O Inc., Sheridan, CO	\$ 92,000
Colorado Centrifugal Inc., Denver, CO	\$116,990
Brimhall Industrial, Monte Vista, CO	\$149,232

The WWTP has entered into previous purchase order agreements with Ambiente H2O and is confident in their capabilities to execute the scope of work for this project.

Please see attached Scope of Work, vendor proposals, and revised Council Communication.

If you have any further questions or comments, please contact me at x2655. Thank you.

CW/bjv:

Attachments: Scope of Work
Vendor Proposals
Council Communication



Wastewater &
Water Treatment
Specialists

Date: August 11, 2014

Don Ekstein - Process Maintenance Supervisor
2900 S. Platte River Drive
Englewood, CO 80110
dekstein@englewoodgov.org

Subject: Fairbanks Nijhuis PSG Proposal #062514 for Littleton / Englewood WWTP 16" VTSH
Pump Repair
S/N: S/N 1158978

Don,

Ambiente H2O Inc. and Fairbanks Nijhuis Pump Services Group would like to thank you for this opportunity to offer our repair services on the subject pump equipment. Please review the following for your approval.

NOTE: Per the customer's request, we've broken out pricing for the items listed.

Replacement Parts pricing break out (For Refence Only, not all parts are included/required in repair scope below):

<u>Parts:</u>	<u>Price</u>
Impeller	\$ 16,050.00
Top shaft sleeve	\$ 250.00
Gland	not applicable to this unit
Bell wear ring	\$ 546.00
Impeller wear ring	\$ 626.00
Top shaft	\$ 755.00
Line shaft	\$ 660.00
Bowl throttle ring	\$ 686.00
Connector bearing x2	\$ 71.50
Seal box bearing	\$ 71.50
Seal box	\$ 950.00
Impeller key	\$ 41.50
Lower bowl bearing	\$ 492.00
Upper bowl bearing	\$ 492.00
Mechanical seal	Customer to provide
Throttle bushing	\$ 89.50

1500 West Hampden Ave. Ste. 5D Sheridan, CO 80110
PH: 303/433-0364 FX: 303-/380-0664 E-mail: sales@ambienteh2o.com

Freight inbound & outbound: \$ 5,000.00 per round trip

There is no charge for pump disassembly, blast cleaning & inspection. Once you have our inspection report / proposal, and elect to not repair the pump, all the parts can either be disposed of here or returned to the customer. The only charge will be inbound and outbound freight which will be invoiced at cost.

Repair work scope of supply per pump (Not to Exceed).

Arrange and pay for transportation to our Kansas City, Kansas facility and back.

Receive the pump at our KC KS repair facility.

Disassemble pump complete.

Blast and clean all components

Perform dimensional inspection and provide report of findings.

Clean and reuse all cast components except impeller to include suction bell and discharge bowl.

Provide and Machine **new Impeller**, install new ring on impeller and dynamically balance new impeller with wear ring.

Furnish and rebuild the unit with the following OEM parts:

- Impeller wear ring
- Impeller hardware (Stud, nut, key & washer)
- Bowl wear ring
- All bowl bearings
- Throttle ring
- Throttle bushing
- Line shaft couplings
- Connector bearings
- Top shaft sleeve
- Mechanical seal (to be furnished and installed by customer)
- All hardware and gaskets as necessary to build the pump.

Clean and reuse column and discharge head.

Reassemble pump complete.

Coat below grade components (bowl assembly exterior) interior and exterior of column pipe, and exterior of enclosing tubes with Tnemec N140 black potable epoxy

Coat above grade components (discharge head) with Fairbanks Morse blue epoxy.

Load pump for shipment to destination.

Price & Delivery:

Customer net price for the above scope of supply will be \$ **46,000.00** each pump, excluding taxes. Note if existing impeller can be reused Deduct \$16,050.00 from net price above.

The estimated turnaround time will be approximately 8-10 weeks. **Adder** for non-witness certified performance test will be \$2,750.00 if you wish. Please add 2-3 weeks for this option.

This quote includes only the parts or processes specifically outlined above. Any other parts or processes judged to be necessary by FN will be quoted separately at an extra cost, and will be included only after approval and authorization by the Customer. Warranty will be contingent on inclusion of any processes deemed necessary by FN.

Additonal Terms, Notes and Conditions:

- 1- The above quotation is valid for 60 days after the date of this letter including the same one year warranty as new Fairbanks Nijhuis products.
- 2- This quotation presumes that the equipment received is in reusable condition without repair or modification other than those listed above. All work to be performed by Fairbanks Nijhuis Pump Services Group, Kansas City, KS.
- 3- Ambiente H2O Inc. terms are 100% due 30 Days from delivery.
- 4- Taxes are excluded, and will be billed separately, as applicable.

Please do not hesitate to call to address any questions or comments that you may have.

Sincerely,

Steven Hansen

Steven G. Hansen, PE
Ambiente H₂O Inc.

cc. Curt Cunningham, Sales Production Coordinator
Fairbanks Nijhuis Pump Services Group (PSG)
Pentair Water - Kansas City Operations



Quotation

Quote Number: 2453B
 Quote Date: June 24, 2014
 Offer Expires: August 08, 2014

Company: Littleton/Englewood WWTP
Contact: Don Ekstein

Phone: (303) 762-2625
Fax:

Billing Address: Littleton/Englewood WWTP
 Accounts Payable
 1000 Englewood Parkway
 Englewood, CO 80110-2373

Shipping Address: Littleton/Englewood WWTP
 2900 S. Platte River Dr.
 Englewood, CO 80110
 United States

Sales Specialist:	Rick Johnson	Terms:	Net 30
Ship Via:	Vendor Truck	Total:	\$149,232.00
FOB:	Origin, PPD/Add		

Please reference the Quote Number on all correspondence
 Email your Purchase Order to sales@brimhallindustrial.com

By accepting this quotation you agree to abide by the attached terms and conditions.
 Schedule estimate based on current shop load and may vary depending on shop load at order placement.
 This quote is for the stated workscope and is subject to inspection at Brimhall Industrial.

Prices listed do not include freight to Brimhall Industrial from the suppliers.

The items listed on this quote are for replacment parts. Many of these items may be repairable which would reduce the cost.
 Cost to repair these items will be determined after the inspection is completed.

This quote is for 2 each Fairbanks Morse 16" VTSH-AWF pumps to be repaired one at a time.

<u>Item</u>	<u>Part No. / Description</u>	<u>Quantity</u>	<u>Price</u>	<u>Line Total</u>
1	T.LEWW.01.062.AWF.01.9 Tear Down and Inspect Fairbanks Morse 16" VTSH-AWF Pump, SN: 1158978-4	2	\$4,500.00 /EA	\$9,000.00
Scope of Work: 1. Disassemble, blast, measure, and inspect. 2. Provide detailed inspection and repair report to customer. Delivery: Approx. 4 weeks, ARO				
2	R.LEWW.01.062.AWF.07.316 Impeller, CCW, 16"VTSH, High HD, 316 Material 316 is the Original Material.	2	\$38,920.00 /EA	\$77,840.00
4	R.LEWW.01.062.AWF.02.9 Shaft and Sleeve Assembly, #19 & #13	2	\$3,930.00 /EA	\$7,860.00
5	R.LEWW.01.062.AWF.05.9 Bowl Wear Ring, #16	2	\$2,870.00 /EA	\$5,740.00
6	R.LEWW.01.062.AWF.52.9 Impeller Wear Ring, #17	2	\$1,605.00 /EA	\$3,210.00

<u>Item</u>	<u>Part No. / Description</u>	<u>Quantity</u>	<u>Price</u>	<u>Line Total</u>
7	R.LEWW.01.062.AWF.02.8 Line Shaft, #23	2	\$2,685.00 /EA	\$5,370.00
8	R.LEWW.01.062.AWF.29.9 Shaft Coupling, #31	4	\$245.00 /EA	\$980.00
9	R.LEWW.01.062.AWF.53.9 Bowl Throttle Ring, #41	2	\$2,175.00 /EA	\$4,350.00
10	R.LEWW.01.062.AWF.48.9 Connector Bearing, #50	4	\$285.00 /EA	\$1,140.00
11	R.LEWW.01.062.AWF.48.8 Seal Box Bearing, #63B	2	\$240.00 /EA	\$480.00
12	R.LEWW.01.062.AWF.12.9 Seal Box for Mechanical Seal, #63	2	\$3,375.00 /EA	\$6,750.00
13	R.LEWW.01.062.AWF.27.9 Impeller Key, #102	2	\$126.00 /EA	\$252.00
14	R.LEWW.01.062.AWF.48.7 Lower Bearing #163 and Upper Bearing #168	4	\$2,315.00 /EA	\$9,260.00
15	R.LEWW.01.062.AWF.9.9 Approximate Gaskets, Hardware, and Supplies	2	\$2,000.00 /EA	\$4,000.00
16	R.LEWW.01.062.AWF.01.9 Assemble Fairbanks Morse 16" VTSH-AWF Pump, SN: 1158978-4	2	\$5,200.00 /EA	\$10,400.00
Scope of Work:				
1. Assemble pump using new parts.				
2. Coat with coal tar epoxy.				
3. Paint discharge head externally.				
4. Perform quality inspection.				
5. Prep for return shipment to customer.				
Delivery: Approx. 22 weeks, After Receipt of Equipment, Pending TDI Results.				
17	PICKUP/DELIVERY per Trip	4	\$650.00 /TRP	\$2,600.00

Brimhall Industrial Machine Service, Inc.
Terms and Conditions of Sale

Applicability and Acceptance

The terms and conditions set forth herein shall exclusively govern the sale of goods and services by Brimhall Industrial Machine Service, Inc. (Seller) to Buyer. Acceptance of this offer or of the goods furnished pursuant to this order is expressly limited to the terms contained herein. All contracts or sales orders for Seller's products are accepted, and all shipments of goods are made, on the express understanding that the Terms and Conditions set forth herein shall be applicable thereto, and shall supersede any provision on Buyer's purchase order or other documents accepted by Seller which are at variance with or in addition to these Terms and Conditions. No changes or additions to these Terms and Conditions shall be binding upon Seller unless expressly agreed to in writing, executed by an authorized officer of Seller.

Buyer may issue a purchase order for administrative purposes only. Additional or different terms and conditions contained in any such purchase order or other offer will be null and void. No course of price dealings between the parties and no usage of trade will be relevant to determine the meaning of these Terms and Conditions.

Delivery and Risk of Loss

Delivery is F.O.B. place of origin of shipment. Buyer assumes all risk of loss or damage to goods in transit. Seller will use its best efforts to deliver as scheduled, but Buyer acknowledges that delivery schedules are approximate only. Seller shall not be liable for any damages, consequential or otherwise, which may be claimed by Buyer to arise from late delivery. When partial shipments are made, each such shipment shall be invoiced and paid for separately in accordance with these Terms and Conditions.

Security Interest

Buyer hereby grants to Seller a security interest in the goods being sold and in all proceeds from such goods to secure performance of all of Buyer's obligations in connection with the purchase of said goods, and if requested by Seller, Buyer shall execute and deliver such separate documents as may be necessary to evidence such security interest or enable Seller to perfect such security interests.

Taxes

Prices are exclusive of all taxes and duties, however designated, including sales, use, import and excise taxes (but excluding taxes on Seller's net income). These taxes and all other taxes measured in whole or in part by gross receipts applicable to Buyer's order shall be borne by Buyer. If Buyer claims exemption from any of these taxes, Buyer shall promptly furnish satisfactory proof of exemption and shall indemnify Seller for all or any loss, cost and damage, including attorney's fees, incurred by such taxes.

Payment Terms

Payment shall be due thirty (30) days from date of invoice, unless otherwise agreed to by Seller. Overdue payments shall bear interest at the rate of 1 1/2% per month. If in Seller's judgment Buyer's financial responsibility becomes impaired or unsatisfactory, or if Buyer defaults under any contract with Seller, Seller may demand and Buyer shall give advance cash payment or satisfactory security and Seller may withhold shipments until such payment and security is received. Buyer expressly waives any right of set-off and shall make no deductions from payment due hereunder or for any damages of any type claimed by Buyer against Seller.

Price

Unless stated otherwise in writing by Seller, regardless of destination all prices quoted are in U.S. Dollars.
Quotes, Proposals, or Bids are valid for thirty (30) days from issue date, unless otherwise indicated by Seller.

Orders for Services

Seller will process the Buyer's repairs as per the Buyer's written instructions. If no instructions are provided, Seller will use industry standard methods to complete the repairs.

Design

Seller does not recommend materials. The responsibility for selection and approval of materials rests solely on the owner of the equipment or the owner's representative. From time to time, Seller may suggest materials at the request of the equipment owner or the owner's representative, but Seller accepts no liability for their suitability for the intended purpose or other service.

In the event that design work has been performed by Seller, the design is warranted only for the conditions supplied in the process data sheets or other information supplied by the Buyer. If a discrepancy exists in the information supplied by the customer, time is of the essence and it is the sole responsibility of the Buyer to promptly clarify the discrepancy in writing.

Buyer Inspection and Acceptance

Within ten (10) days after tender of delivery to or receipt of Buyer of any shipment, Buyer shall inform Seller in writing if the goods are found defective or short in any respect. Failure to so inform Seller or any use of the goods by Buyer shall constitute conclusive evidence that Buyer waives any right to reject such goods without the prior written authorization of Seller. All returned goods will be subject to a 20% restocking charge. For returned goods, all freight will be prepaid by the Buyer.

Returned Goods

No product may be returned to Seller for credit except upon written authorization. A request for authorization must be submitted in writing.

The goods return policy of the supplier from whom Seller obtained the goods will be the basis for whether to authorize, and the conditions of authorization for, the return of goods from a Buyer.

Unauthorized returns will not be accepted. Goods returned without authorization will be returned to the Buyer at its own expense.

Disposition of Buyer's Used Materials and/or Scrap

All scrap or used material, not including hazardous materials, unless otherwise agreed in writing prior to order acceptance, will become the property of Seller and may be scrapped, sold, or otherwise disposed at Seller's sole discretion and Seller shall be entitled to keep all proceeds, with no obligations to Buyer.

Limited Warranty

Seller warrants that new goods and repairs supplied to the Buyer shall be of first quality and free from defects in material, workmanship, and title. In no case shall Seller be held liable for problems or circumstances such as those arising from equipment or plant design, misapplication of materials or technology, incorrect operation or abuse of equipment, swapping of components between different pieces of equipment, or equipment modifications by the owner or owner's representative.

Any claims against Seller for defects in workmanship or materials must be verified by an authorized agent of Seller before any deductions in charges are taken. No credit will be allowed unless Seller has agreed to it in advance of taking such credit. Seller must be offered the chance to repair the defective product prior to any work being done to it by others. Seller is not responsible for work done by others unless Seller has agreed to it before hand in writing.

All warranties, other than title, shall expire twelve months after installation of goods and/or repaired equipment, or eighteen months after delivery of goods and/or repaired equipment, whichever occurs first. This Warranty is limited to the costs of repair or replacement of the goods or repairs only. No other warranty is implied.

EXCEPT AS SET FORTH HEREIN OR ANY STATEMENT OF WORK THAT EXPRESSLY AMENDS SELLER'S WARRANTY, SELLER HEREBY EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THERE ARE NO OTHER WARRANTIES (PROVIDED BY SELLER) THAT EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.

LIMITED LIABILITY

UNDER NO CIRCUMSTANCES AND NOTWITHSTANDING THE FAILURE OF ESSENTIAL PURPOSE OF ANY REMEDY SET FORTH HEREIN WILL SELLER, OR ITS EMPLOYEES OR AGENTS BE LIABLE FOR: (A) ANY INCIDENTAL, INDIRECT, SPECIAL, PUNITIVE OR CONSEQUENTIAL DAMAGES INCLUDING BUT NOT LIMITED TO, LOSS OF PROFITS, EVEN IF SELLER HAS BEEN ADVISED OF THE POSSIBILITIES OF SUCH DAMAGES, OR IF SUCH DAMAGES ARE OTHERWISE FORESEEABLE; IN EACH CASE, WHETHER A CLAIM FOR ANY SUCH LIABILITY IS PREMISED UPON BREACH OF CONTRACT, WARRANTY, NEGLIGENCE, STRICT LIABILITY OR OTHER THEORY OF LIABILITY; (B) ANY CLAIMS, DEMANDS OR ACTIONS AGAINST BUYER BY ANY THIRD PARTY; (C) ANY LOSS OR CLAIM ARISING OUT OF OR IN CONNECTION WITH BUYER'S IMPLEMENTATION OF ANY PRODUCT, CONCLUSIONS OR RECOMMENDATIONS BY SELLER BASED ON, RESULTING FROM, ARISING OUT OF OR OTHERWISE RELATED TO THE PRODUCTS OR SERVICES; OR (D) ANY UNAVAILABILITY OF THE PRODUCT FOR USE OR ANY LOST, DAMAGED OR CORRUPTED. IN THE EVENT OF ANY LIABILITY INCURRED BY SELLER OR ANY OF ITS AGENTS, THE ENTIRE LIABILITY OF SELLER AND ITS AGENTS FOR DAMAGES FROM ANY CAUSE WHATSOEVER WILL NOT EXCEED THE LESSER OF: (A) THE DOLLAR AMOUNT PAID BY BUYER FOR THE PRODUCT(S) GIVING RISE TO THE CLAIM OR THE SPECIFIC SERVICES GIVING RISE TO THE CLAIM; OR (B) \$50,000.00.

Disputes

If a dispute arises out of or relates to a sale of goods or services by Seller to Buyer, the parties shall endeavor to settle the dispute through direct discussion. If the dispute between the Buyer and Seller cannot be resolved by direct discussion, both parties agree first to try in good faith to settle the dispute by mediation administered by the American Arbitration Association under its Commercial Mediation Procedure before resorting to any other form of dispute resolution. The parties shall select the mediator within fifteen (15) days of the request for mediation. Engaging in mediation is a condition precedent to any form of binding dispute resolution.

Unless the parties mutually agree otherwise, any controversy or claim not settled by direct discussion or mediation shall be settled by arbitration administered by the American Arbitration Association in accordance with its Commercial Arbitration Rules, including the Optional Rules for Emergency Measures of Protection, and judgment on the award rendered by the arbitrator(s) may be entered in any court having jurisdiction thereof. A written demand for arbitration shall be filed with the American Arbitration Association and the other party to the sale/purchase within a reasonable time after the dispute or claim has arisen, but in no event after the applicable statute of limitations for a legal or equitable proceeding has run. The arbitration award shall be final. This agreement to arbitrate shall be governed by the federal Arbitration Act and judgment upon the award rendered by the arbitrator(s) may be entered in any court having jurisdiction thereof.

Cost of Dispute Resolution

The cost of any mediation proceeding shall be shared equally by the parties participating. The prevailing party in any dispute that goes beyond mediation arising out of or relating to an order between Buyer and Seller shall be entitled to recover from the other party reasonable attorney's fees, costs, and expenses incurred by the prevailing party in connection with such dispute.

Entire Understanding

These terms and conditions shall supersede all prior written or oral proposals, statements, and agreements relating to the matters covered hereby of any kind whatsoever made by Seller or its representatives and cannot be modified or terminated except by a writing signed by both parties.

Law Governing Disputes

These Terms and Conditions shall be construed and enforced in accordance with the laws of the State of Colorado.

Buyer Solvent

Buyer represents that, at the time of signing and accepting this order, Buyer is not insolvent within the meaning of the UCC or bankruptcy laws of the United States and that there have been no material adverse changes with respect to Buyer's financial condition since such time as Buyer has provided such financial information in its credit application.

Assignment and Delegation

The rights and obligations of Buyer under this agreement may not be assigned or delegated without the prior written consent of Seller.

Severability

If any of these terms or conditions is found to be illegal and/or unconscionable by a court of competent jurisdiction, the remaining terms and conditions will remain in full force and effect.

Termination

Either party may terminate performance of a performance or a Statement of Work for cause if the other party fails to cure a material default in the time period specified herein. Any material default must be specifically identified in a written notice of termination. After written notice, the notified party will, subject to the provision of warranties herein, have thirty (30) days to remedy its performance except that it will only have ten (10) days to remedy any monetary default. Failure to remedy any material default within the applicable time period provided for herein will give cause for immediate termination, unless such default is incapable of being cured within the time period in which case the defaulting party will not be in breach (except for Buyer's payment obligations) if it used its reasonable efforts to cure the default. In the event of any termination of the performance or a Statement of Work, Buyer will pay Seller for all Services performed and expenses incurred up to and including the date of termination plus any termination fee if one is set forth in the applicable Statement of Work. In such event Buyer will also pay Seller for any out-of-pocket or other direct costs resulting from termination. Upon termination, all rights and obligations of the parties under this Agreement will automatically terminate except for any right of action occurring prior to termination, payment obligations, and obligations that expressly or by implication are intended to survive termination (including, but not limited to, limitation of liability, indemnity, confidentiality, or licensing of work Product and this survival provision).

Confidential Information

All information and proprietary materials provided or developed in whole or in part by Seller, including but not limited to, all trade secrets, drawing, and specifications are confidential ("Confidential Information") whether or not identified as such. Buyer agrees that it shall not, without written consent from Seller, use or disclose any Confidential Information except as necessary to utilize the service or product for Buyer's own intended use. Buyer shall protect Seller's Confidential Information by limiting access to such information to its employees or agents who have a "need to know" and where such personnel have agreed to comply with the confidentiality obligations in these Terms and Conditions. At the request of Seller, Buyer agrees to promptly (i) return to Seller all Confidential Information; and (ii) destroy or permanently erase all Confidential Information in whatever form it is recorded.

16" VTSH single stage Scope of Work

LEWWTP has a Fairbanks Morse 16" VTSH pump model AWF that needs maintenance.

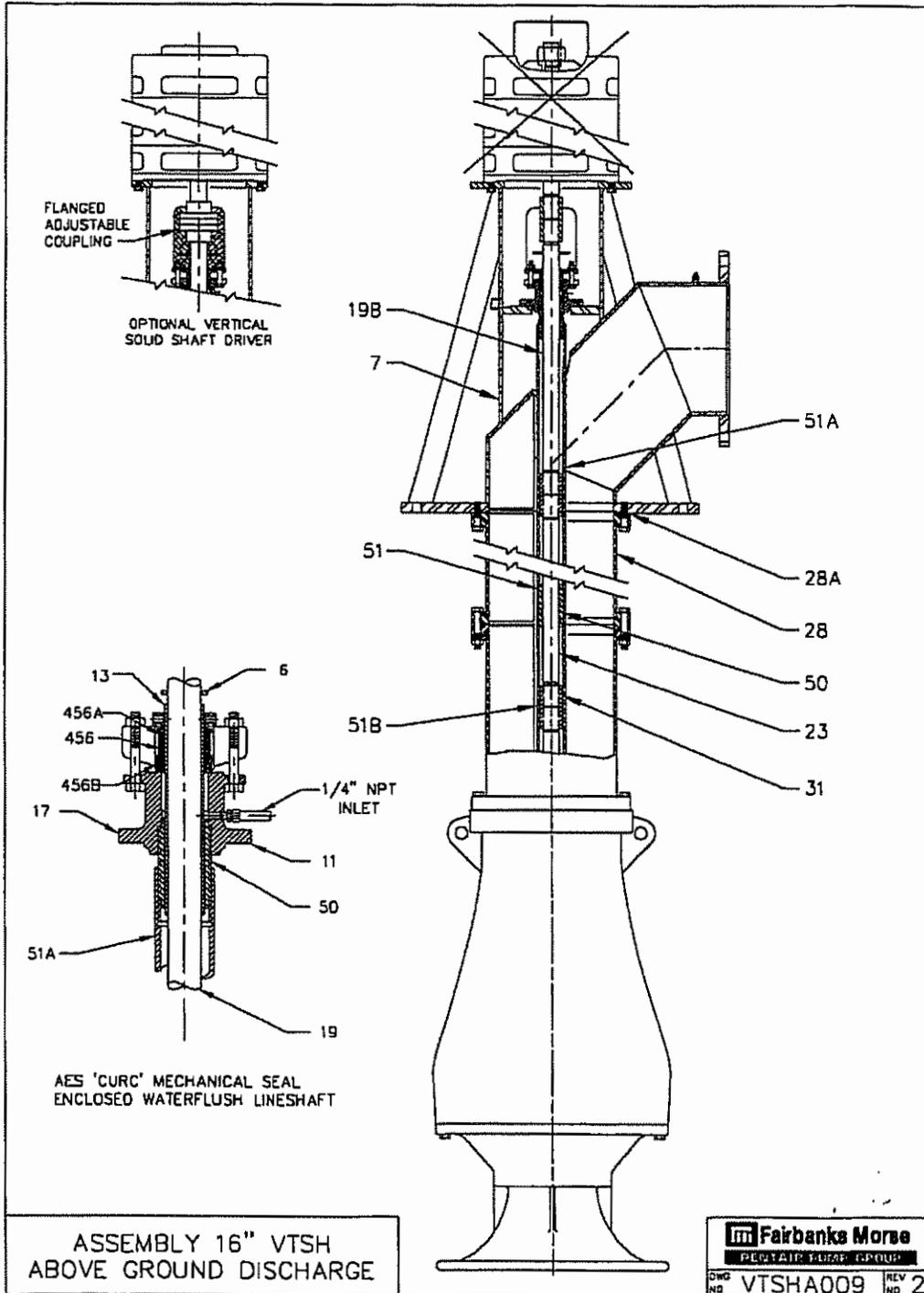
I would like a quote for the following scope of work. Please quote based on a Not-To-Exceed basis. The manufacturer has identified the predicted life of the following components at 10 years or less. The pump has been service for 7 years. LEWWTP would expect that some of the components listed below to be serviceable. I would like the quote to include a tear down and inspection of the pump with a detailed inspection report. Included in the quote I would like to have the components listed to be itemized for cost of repair/replacement with LEWWTP maintaining the authority to authorize or decline specific components for repair or replacement based on the results of the inspection. Additionally in your quote please include and seals, gaskets, and hardware that will be replaced as a result of dismantling the pump as well as costs for cleaning, blasting, machining and painting that may be required. If transportation will be required to and from the repair facility, please include transportation costs as a line item in the quotation.

1. Impeller – Item 1
2. Top Shaft sleeve – Item 13
3. Gland – Item 8
4. Bell wear ring – Item16
5. Impeller wear ring – Item 17
6. Top shaft – Item 19
7. Line shaft – Item 23
8. Shaft coupling – Item 31
9. Bowl throttle ring – Item 41
10. Connector bearing – Item 50
11. Seal box bearing – Item 63B
12. Seal box – Item 63
13. Impeller key – Item 102
14. Lower Bearing – Item 163
15. Upper Bearing – Item 168
16. Mechanical seal (LEWWTP will provide)

The parts list and drawings below are from O&M manual please use them as reference.

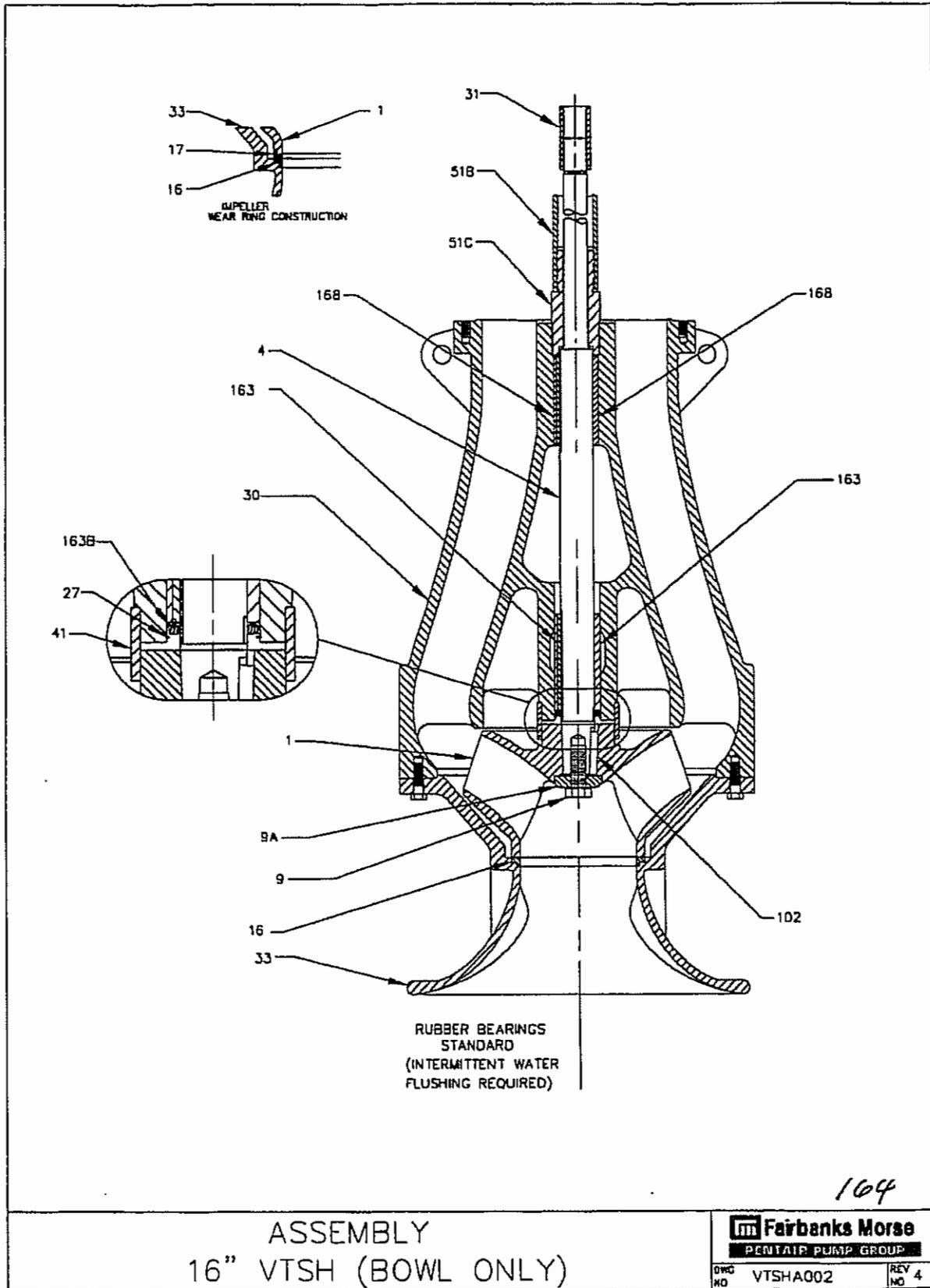
The pump is approximately 19.5 feet from the head to the sand collar on the volute. The approximate weight is 5000lbs.

16" VTSH single stage Scope of Work



105

16" VTSH single stage Scope of Work



ASSEMBLY
16" VTSH (BOWL ONLY)

Farnbanks Morse
PENTAIR PUMP GROUP

DWG NO VTSHA002

REV 4

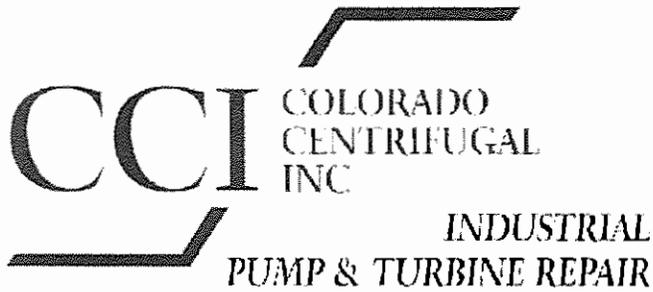
16" VTSH single stage Scope of Work

Fairbanks Morse Pump Material Specifications

Item	Description	Material	Specification
1	Impeller	Stainless Steel	A743 GR CF-8M
4	Pump Shaft	Stainless Steel	A582 S41600
7	Discharge Head	Steel	A36 & A53 (2)
8A	Gland Bolt And Nut	Stainless Steel	18-8
9	Impeller Capscrew	Stainless Steel	A193 CL2 B8M
9A	Impeller Washer	Stainless Steel	A582 S41600
13	Top Shaft Sleeve	Stainless Steel	AISI 304
16	Bell Wearing Ring	Stainless Steel	A743 Gr CA40 (410-484 BHN)
17	Impeller Wear Ring	Stainless Steel	A743 Gr CA40 (300-350 BHN)
19B	Top Shaft	Stainless Steel	A582 S41600
23	Lineshaft	Stainless Steel	A582 S41600
27	Ring, Retainer	Stainless Steel	AISI 302
28	Flanged Column Pipe	Steel	A36 & A53 (2)
28A	Head Gasket	Tag Board	D1170 Grade 3111
30	Diffuser Bowl	Cast Iron	A48 Class 30
31	Shaft Coupling	Stainless Steel	A582 S41600
33	Suction Bell	Cast Iron	A48 Class 30
41	Throttle Ring, Bowl	Stainless Steel	A743 Gr CA40 (300-350 BHN)
50	Bearing, Upper	Bronze	B505 C93200
51	Enclosing Tube	Steel	A53
51A	Top Enclosing Tube	Steel	A53
51B	Enclosing Tube, Bottom	Steel	A53
51C	Enclosing Tube Adapter	Bronze	B505 C93200
63	Packing Box	Cast Iron	A48 Class 30
63A	Packing Box Gasket	Copper	B152 Alloy 110
63B	Packing Box Bearing	Bronze	B505 C93200
102	Impeller Key	Stainless Steel	A276 S30400
126	Water Slinger	Rubber	Neoprene
163	Bearing, Lower Bowl	Bronze/Rubber	B505 C93200/Neoprene
163B	Restrictor	Teflon	Teflon
168	Bearing, Upper Bowl	Bronze/Rubber	B505 C93200/Neoprene
456	Mechanical Seal	--	Commercial

Notes:

1. All material specifications are ASTM unless otherwise noted and are or description of chemistry only.
2. Circular sections are A53 & plate is A36.



Colorado Centrifugal Inc.
775 Mariposa St., Denver, CO. 80204
Phone(303)825-0651 / FAX(303)825-0652
www.coloradocentrifugal.com
E-mail coloradocentrifugal@comcast.net

Quote: (2 pumps) Pump Repair, Fairbanks-Morse 16- VTSH, vertical

Dear Mr. Ekstein,

This is a NOT TO EXCEED quotation for **2ea. pump repairs**, based on a sight un-seen basis. Any extremely unusual finding(s) will be reported to LEWWTP. Work will stop until approval to proceed is gained. Example: Any component not mentioned in the parts quote/ list I.E. Main discharge head cracked, needs weld & machine, cracks or deformations in bowl casing or suction bell.

Please review the included attachments.

One page is exclusively for all LABOR tasks to be performed, start to finish. Each line item identifies task/ hours/price.

The second page is devoted to guesstimated parts pricing (recondition vs. replacement).

Below pricing reflects an all inclusive (parts & labor) worst case scenario, where all parts, mentioned on parts list provided to CCI, would need to be replaced. Including all labor tasks.

Price for pump reconditioning NOT TO EXCEED.....\$ **116,990**

***Estimated time frame for completion of each pump rebuild @ 3 to 4 weeks, upon approval.

Review the included work scope at your leisure and let us know how to proceed.
Thank You for considering Colorado Centrifugal, Inc. for your pump repair needs.

Sincerely, Greg Kesler
Colorado Centrifugal, Inc.

PART NAME / ITEM NUMBER

REPAIR PRICE

REPLACEMENT PRICE

PART NAME / ITEM NUMBER	REPAIR PRICE	REPLACEMENT PRICE
Impeller – Item #1	\$6,600	\$50,000
Top shaft sleeve – Item #13	\$2,400	\$4,800
Gland – Item #8	\$1,000	\$2,000
Bell wear ring – Item #16	\$1,200	\$3,400
Impeller wear ring – Item #17	\$1,200	\$3,400
Top shaft – Item #19	\$3,400	\$8,400
Line shaft – Item #23	\$4,600	\$9,000
Shaft Coupling – Item #31	\$700	\$1,500
Bowl throttle ring – Item #41	\$900	\$1,800
Connector bearing – Item #50	N/A	\$900
Seal box bearing – Item #63 B	N/A	\$900
Seal Box – Item #63	\$400	\$1,600
Impeller key – Item #102	\$20	\$100
Lower bearing – Item #163	N/A	\$1,100
Upper bearing – Item #168	N/A	\$1,100
Mechanical seal	LEWWTP / provide	\$0

NOTES:

*****ABOVE PARTS PRICING (repair or replace columns) / BOTH (2) PUMPS COMBINED.**

Bearings, upper (item 168), lower (item 163), and connector (item 50)....show no price value in the recondition section. These submersible “cutlass” marine rubber bearings cannot be reconditioned. They are viewed as either being suitable for re-use OR a replacement item.

Shafts & shaft coupling..... Two shafts (upper/ lower), items 19 & 23 are made of 316 stainless steel, according to parts list description. The threaded shaft coupling that joins the two shafts together, is also made of the same 316 stainless material. High galling/ seizing characteristics are a factor. In some instances, these parts become seized together during the dismantling process, and irreversible damage to these particular parts can sometimes occur. CCI assumes no liability for damage & subsequent replacement of these parts.

LABOR TASK

JUSTIFICATION

ESTIMATED PRICING PER TASK

Tear down / Dismantle pump	2 guys @ 6 days = 96 hrs.	\$8,640
Inspect / measure clearances etc, and generate reports	1 guy @ 2 days = 16 hrs.	\$1,440
Clean & sandblast (large & small) – all parts	Some in-house / large pieces outsource to Blast-Tech	\$1,750
Miscellaneous Machining	1 guy @ 4 days = 32 hrs. (see below)	\$2,880
Re-Assembly of pump unit	2 guys @ 7 days = 112 hrs.	\$10,080
Painting, external-all surfaces, using submersible epoxy coatings	1 guy @ 12 hrs + product	\$1,400
Transportation	Sub-contract trucking company, Precision Air cargo Co.	\$800 round trip

*****LABOR RATES above assumes BOTH (2) PUMPS, total hours/ service.**

Assumptions..... One day is a standard 8 hour straight time day.

Constants..... Current shop rate for 2014 = \$90/man hour.

Miscellaneous Machining..... On average, most pumps end up having a couple days worth of unexpected machining to various parts and components, in substandard condition, that were identified during the course of repairs. I.E. resurfacing faces, registrations, mounting faces, fits, bores, via engine lathe, mill machine.

Labor / Services..... Total all above (labor & services), line items 1 through 7, Total = \$26,990



CITY OF ENGLEWOOD
CITY COUNCIL

August 18, 2014

Great Outdoors Colorado
303 East 17th Avenue, Suite 1060
Centennial, CO 80203

Re: Sheridan – River Run Park GOCO-LPOR Application

Dear GOCO Board & Staff:

The City of Englewood is in support of the City of Sheridan's grant application for the River Run Park Project through Great Outdoors Colorado. This partnered project between the Cities of Englewood and Sheridan, South Suburban Parks and Recreation, Urban Drainage and Flood Control District and the Colorado Water and Conservation Board will enhance the South Platte corridor as a recreational resource for the entire region and restore and revitalize the river and its habitat. The River Run Project will also provide the citizens of the south Denver metro area access to the South Platte River by enhancing trail access and adding trail users. Communities along the river will be connected, promoting community redevelopment with a potential for economic growth.

The River Run Project will help to reorient Englewood and Sheridan towards the South Platte River and integrate the two communities towards the river and help make this reach a regional recreational destination. The City of Englewood has committed \$100,000 in 2014 for Phase I of the project and looks forward to the project being completed over the next few years.

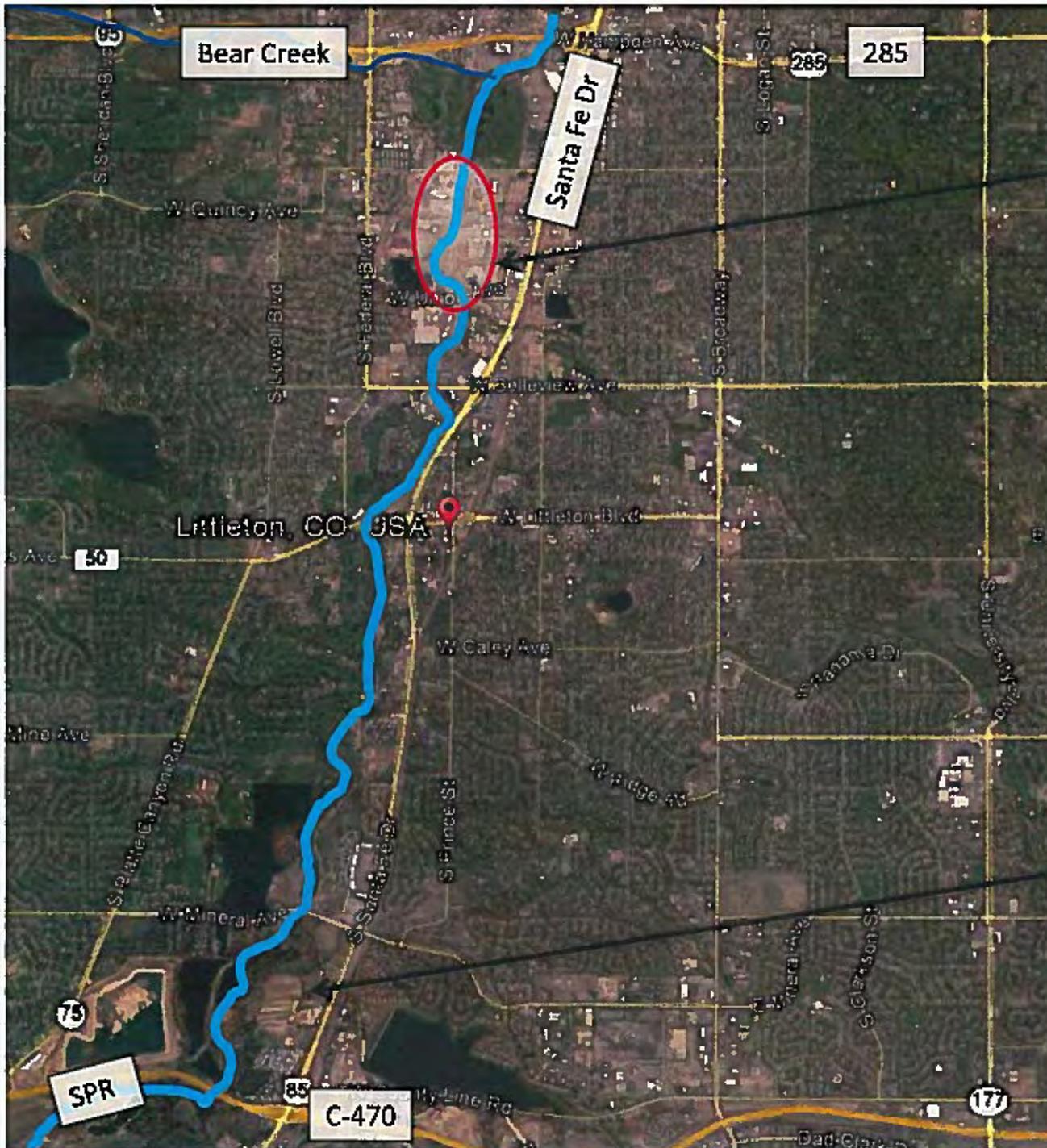
We are excited about the opportunity that this application may present for funding and what the River Run Park Project will bring to the Cities of Englewood and Sheridan and other cities along the South Platte River. The City of Englewood strongly encourages Great Outdoors Colorado's consideration for funding for the River Run Park Project to enhance the South Platte River corridor.

Sincerely,

Randy P. Penn, Mayor

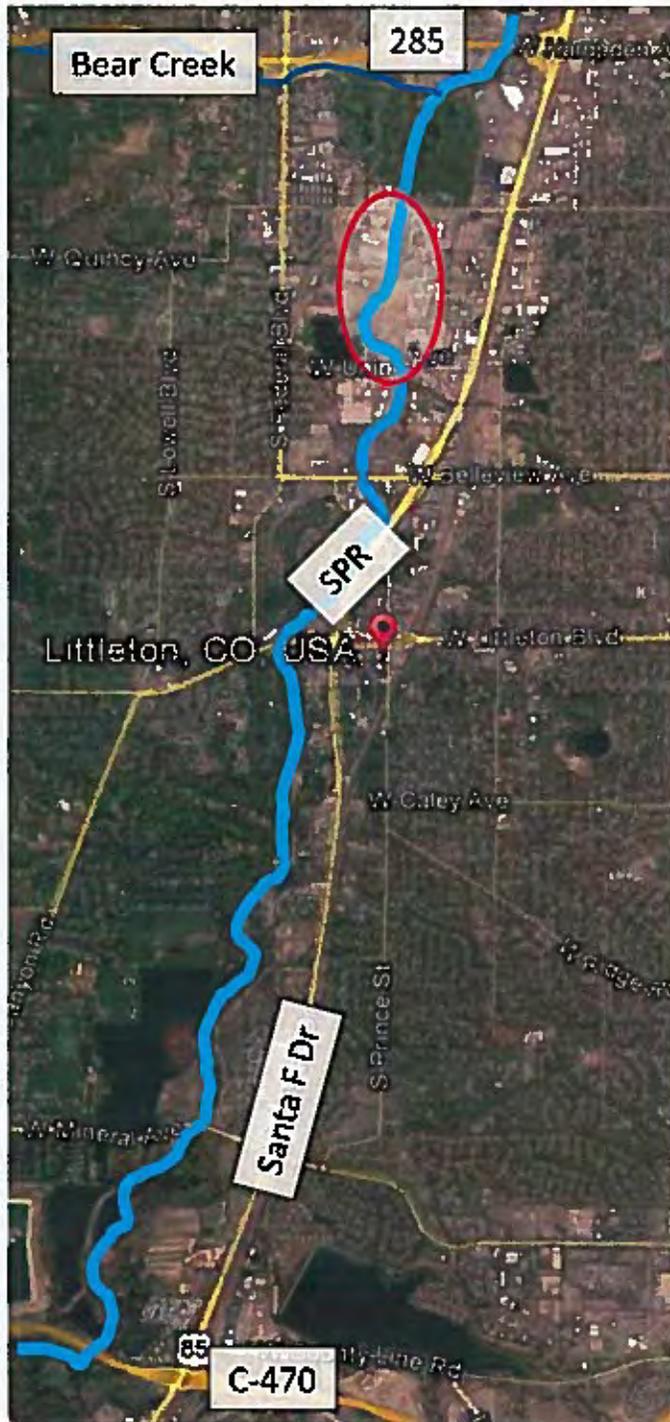
Mayor Randy Penn, District 3 • Mayor Pro Tem Linda Olson, District 2
Rick Gillit, District 4 • Joe Jefferson, District 1 • Bob McCaslin, At Large • Jill Wilson, At Large • Steven R. Yates, At Large

1000 Englewood Parkway • Englewood, Colorado 80110 • Phone 303-762-2310 • FAX 303-762-2408
www.engagewoodgov.org • E-mail: council@engagewoodgov.org



River Run Park
Oxford to Union

South Platte Park



River Run Park

Create a Unique Regional Park Experience that Celebrates the River



Maintain 100-yr Flood Protection



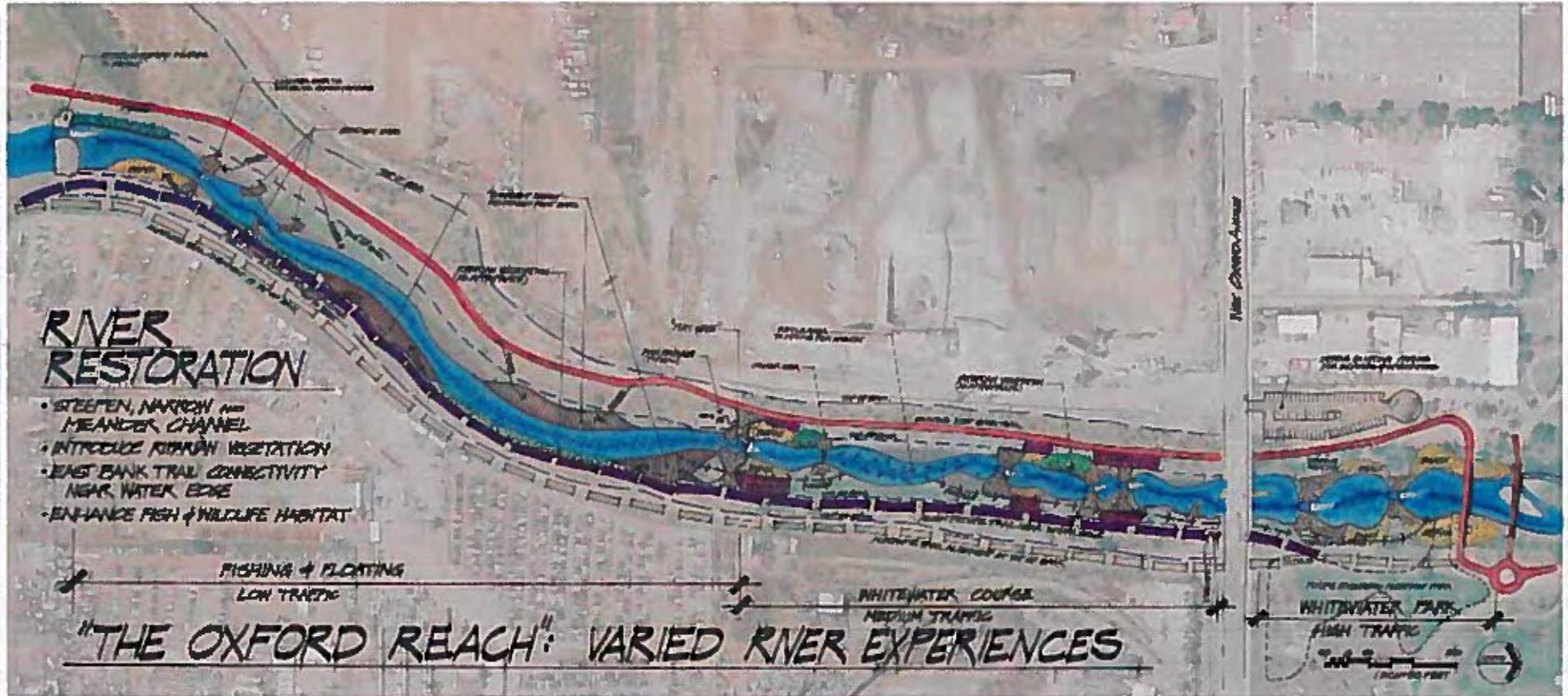
Increase Regional Trail Connectivity and Capacity along Mary Carter Greenway



Optimize river aquatics and riparian health



Provide river access points and construct in-river recreational features



RIVER RESTORATION

- STEEPEN, NARROW AND MEANDER CHANNEL
- INTRODUCE RIPARIAN VEGETATION
- EAST BANK TRAIL CONNECTIVITY NEAR WATER EDGE
- ENHANCE FISH & WILDLIFE HABITAT

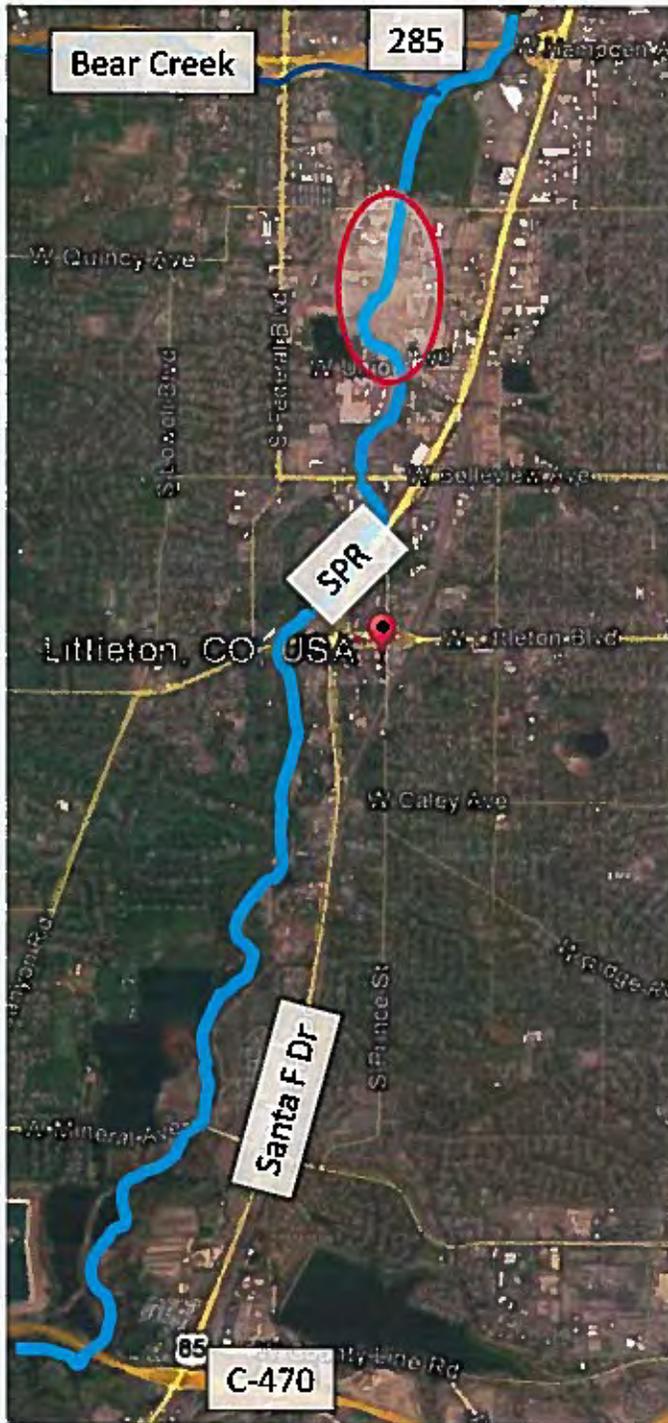
FISHING & FLOATING
LOW TRAFFIC

WHITEWATER COURSE
MEDIUM TRAFFIC

"THE OXFORD REACH": VARIED RIVER EXPERIENCES

WHITWATER PARK
HIGH TRAFFIC





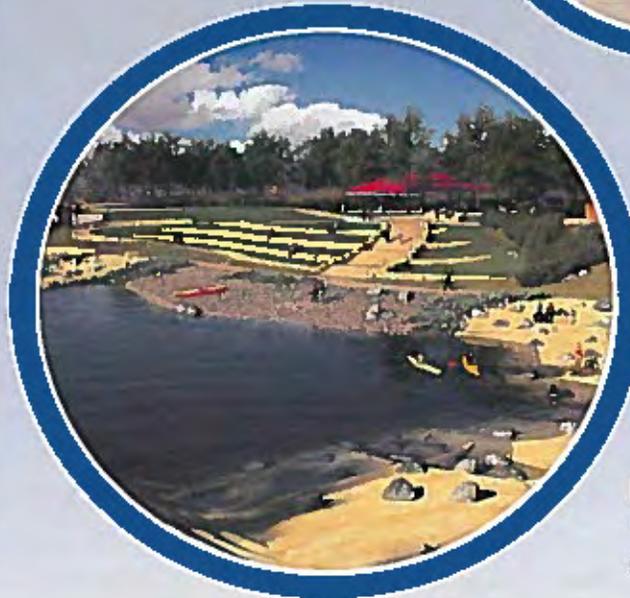
River Run Park

Partners

- Arapahoe County
- City of Englewood
- City of Sheridan
 - SSPR
 - CWCB
 - UDFCD

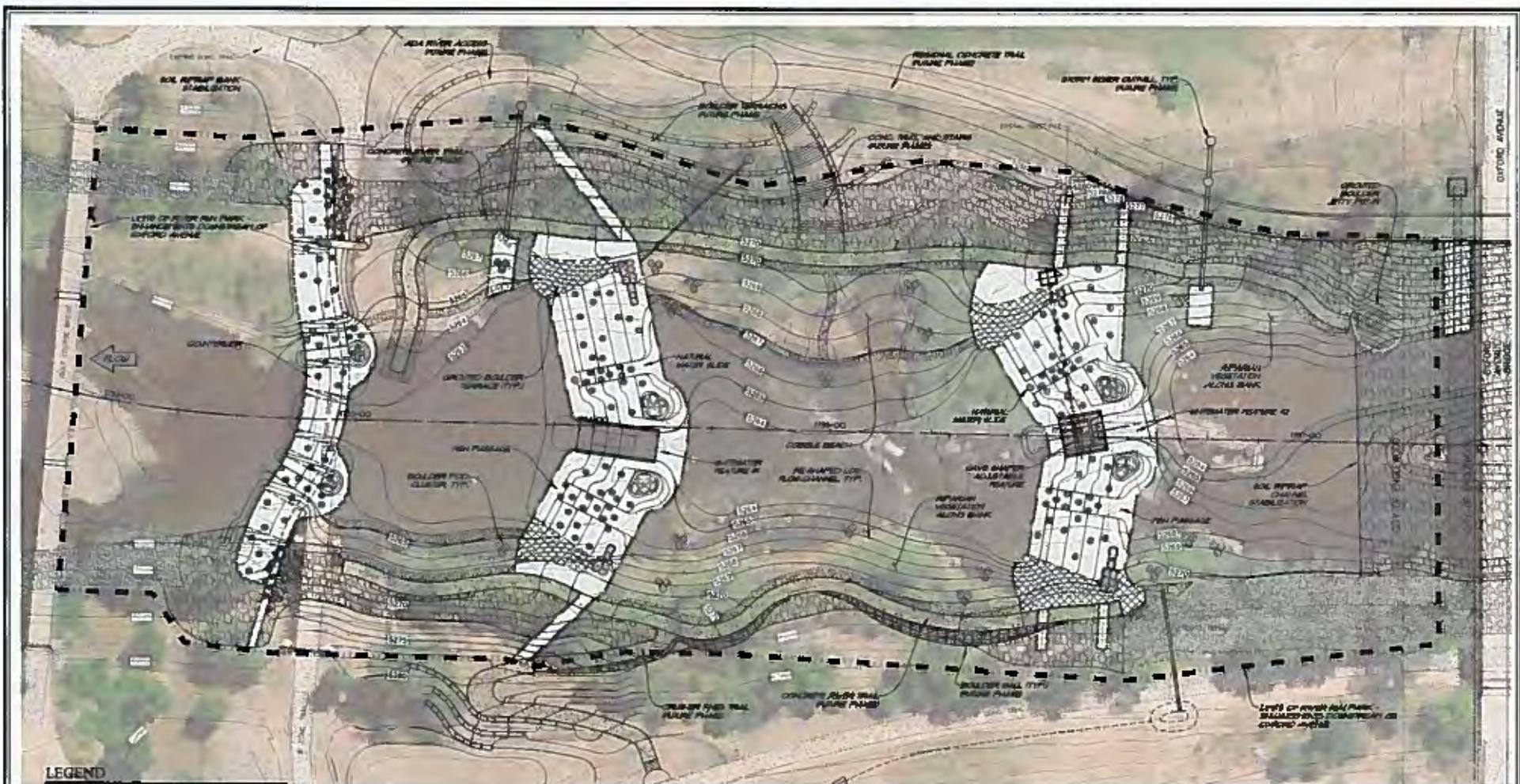
Schedule

- Design Dec 2014
- Construction Oct 2015 to 2017



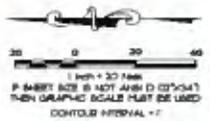
Budget

- Design \$1,200,000
- Construction \$12,000,000



LEGEND

-  PROPOSED CONCRETE
-  PROPOSED CONCRETE RETAINMENT WALLS
-  PROPOSED CONCRETE BENTONS AT VERTICAL CURVATURES
-  PROPOSED CONCRETE BENTONS AT CITY SIDEWALKS
-  PROPOSED CONCRETE BENTONS
-  PROPOSED SOFT BANK
-  PROPOSED NATURAL BOLLARD



UDPCD
SHERIDAN, COLORADO

SOUTH PLATTE RIVER RUN PARK

RIVER SITE PLAN
DOWNSTREAM OF OXFORD AVENUE

Design: Whittaker
Drawn: [unclear]
Checked: [unclear]
Date: August 13, 2014

DESIGN: S.M. PEAR
DETAIL: S.M. PEAR
DATE: AUGUST 13, 2014

PROJECT NUMBER
833741008

Drawing Number
1