

City Council Water Committee

Meeting Agenda

Friday, August 19, 2016

COUNCIL CHAMBERS, CITY HALL, 2ND FLOOR

8:30-9:30 am

- I. Call to Order
- II. Roll Call
- III. Approval of Agenda
- IV. Public Comments on Items Not on the Agenda
- V. Update – Water Resources
 - Water Supply Update
 - Windy Gap Firming Project Update (dates provided by NCWCD)
 - i. 404 Permit – 2016
 - ii. Water Rights Decree – 2016
 - iii. Design Consultant Selection
- VI. Update – CIP Projects
 - Wastewater Treatment Plant Upgrades
 - i. Status: Under construction (MHW)
 - ii. Contract cost: \$31.2 million
 - iii. Estimated completion: July 2017
 - Louisville/Lafayette Drainageway Improvements
 - i. Status: Under construction (Concrete Express- Phase 1, Redpoint-Phase 2)
 - ii. Contract cost: \$9.1 million
 - iii. Estimated completion: September 2016-Phase 2, November 2016-Phase 1
 - Sid Copeland WTP Pump Station
 - i. Status: Design (Hatch Mott MacDonald)
 - ii. Design Cost: \$237,000
 - iii. Budget: \$2.4 million (includes construction)

VII. Tap Fee

- Follow up of Live/Work

VIII. Louisville Gun Club

IX. Upcoming Projects and Council Action

- SCWTP Drying Beds Design – Fall
- Pipeline Assessment - Fall
- Plant Security Upgrades - October/November
- SCWTP Pump Station Construction - 2017

X. Agenda Items and Date for Next Meeting

XI. Adjourn 9:30 am

Attachments: Project Pictures

Live/Work Tap Fee Background



Photo 1 – WWTP – Shops Building



Photo 2 – WWTP – Headworks Building



Photo 3 – Drainageway



Google Earth (10-6-14)



Google Earth (10-9-15)





Department of Planning and Building Safety

749 Main Street Louisville, CO 80027 303.335.4584 Fax 303.335.4588 www.louisvilleco.gov

RESIDENTIAL WATER TAP APPLICATION

Name of Applicant <u>Andy Johnson</u>	Name of Owner <u>Mark Zaremba</u>
Address of Applicant <u>922A Main Street, Louisville</u>	Address of Owner <u>927 Main Street, Louisville</u>
Phone Number of Applicant <u>(303) 527 - 1100</u>	Phone Number of Owner <u>(303) 604 -6378</u>

Address Location of Tap 927 Main Street Lot S.1/2 of 2 Block 5 Subdivision OLD TOWN

TYPE OF FIXTURES <small>Figure # of units times unit value = Total fixture units. Convert fixture units into gallons per minute (see table A) then figure tap size based on Demand (gpm) Go back to tap fee table to see cost.</small>	# of units	Water supply fixture unit value (w.s.f.u.)	Water Supply Fixture units
Bar Sink		0.7	
Bathtub (with or without overhead shower head)		1.4	
Bidet		0.7	
Clothes Washer	1	1.4	1.4
Dishwasher		1.4	
Full-Bath group with bathtub (with/without shower head) or shower stall	2	3.6	7.2
Half-Bath group (water closet and lavatory)		2.6	
Hose Bbb (sillcock)	1	2.5	2.5
Kitchen group (dishwasher and sink with/without garbage disposal)	1	2.5	2.5
Kitchen sink		1.4	
Laundry group (clothes washer standpipe and laundry tub)		2.5	
Laundry tub		1.4	
Lavatory (bathroom sink)		0.7	
Shower stall		1.4	
Water Closet (tank type) (toilet)		2.2	

Total Fixture Units 13.6

Supply Systems Predominantly for Flush Tanks

Load <i>Water Supply Fixture Units</i>	Demand <i>Gallons per Minute</i>	Water Tap Size <i>(Meter Size Required)</i>
1	3.0	Requires 3/4 inch
2	5.0	Requires 3/4 inch
3	6.5	Requires 3/4 inch
4	8.0	Requires 3/4 inch
5	9.4	Requires 3/4 inch
6	10.7	Requires 3/4 inch
7	11.8	Requires 3/4 inch
8	12.8	Requires 3/4 inch
9	13.7	Requires 3/4 inch
10	14.6	Requires 3/4 inch
11	15.4	Requires 3/4 inch
12	16.0	Requires 3/4 inch
13	16.5	Requires 3/4 inch
14	17.0	Requires 3/4 inch
15	17.5	Requires 3/4 inch
16	18.0	Requires 3/4 inch
17	18.4	Requires 3/4 inch
18	18.8	Requires 3/4 inch
19	19.2	Requires 3/4 inch
20	19.6	Requires 3/4 inch
25	21.5	Requires 3/4 inch
30	23.3	Needs 1" Water Tap Size
35	24.9	Needs 1" Water Tap Size
40	26.3	Needs 1" Water Tap Size
45	27.7	Needs 1" Water Tap Size
50	29.1	Needs 1" Water Tap Size