



CITY COUNCIL MEETING

Water Rights

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August 13, 2018

Water Law 101

Appropriation Doctrine

Types of Water Rights

- Surface Water
- Shallow (alluvial) Ground Water
- Augmentation Water
- Transmountain Water
- Designated Basins
- Non-Tributary Ground Water

Units of Measure

- Acre Foot (AF) = 325,851 gallons
- Cubic Foot per Second (cfs) = 448 gallons per minute

Equivalent Residential Unit (ERU) = 0.53 AF



COMMERCE CITY/SACWSD

Roles

Buffalo Run Golf Course

GID's

2004 IGA

Water Commission

Water Bank

ERU's/Augmentation Water



Future Water Demands

Areas of Development

General Service Area

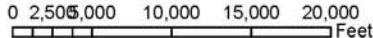
Victory Crossing (Prairie Gateway)

NIGID

E-470 Commercial/Residential Area GID's

Future GID North of DIA





August 2014

Path: Z:\Workspace\CD_Plan\Projects\Existing GID map\GID GSA Boundaries.mxd

Types of Water Rights (ERUs)

GSA

GID

FRICO (GID and WAF)

PV (GID and WAF)

Irrigation

4A (Resale, NRS, Lease/Purchase)



Commerce City					
Water Portfolio (ERU's)					
	Available	Purchased/Acquired	Sold/Used	Remaining	Assigned
GSA*	1245.45	4805.66	3560.21	1245.45	0
GID FRICO	107.46	825.19	229.73	595.46	488.00
WAF FRICO	36.66	58.42	21.76	36.66	0.00
WAF PV	442.13	567.00	124.87	442.13	0.00
WAF Irrigation	49.01	238.10	186.53	51.57	2.56
WAF 4A Resale	248.10	248.10	0.00	248.10	0.00
WAF 4A NRS	308.80	328.80	0.00	328.80	20.00
Lease 4A	948.90	948.90	0.00	948.90	0.00
Total	3386.51	8020.17	4123.10	3897.07	510.56

*Commerce City controls the allocation of GSA ERU's under the 2004 IGA; it did not purchase them



Future Demands (ERU's)

City Projects -- 2,299.2 ERU's

Future Total Water Demands -- approx. 9,500
non-GSA ERU's

