



SPWRP LOCAL LIMITS

Littleton City Council Study Session
March 12, 2019

LOCAL LIMITS REQUIREMENTS



Limits on amount of metals industries can flush



Required every time plant discharge permit reissued



EPA requires them to be based on data





LOCAL LIMITS REQUIREMENTS



Local Limits Designed to:

- Protect worker health and safety
- Protect treatment facility
- Protect from pass-through and interference
- Protect receiving stream (South Platte River)
- Protect biosolids reuse



LOCAL LIMITS DEVELOPMENT PROCESS



- Collect Sampling Data (5+ Years)
 - Industries
 - Domestic
 - Influent/Effluent
 - Biosolids
- Calculate, Evaluate, Submit To EPA
 - Safety Factor
 - Expansion
 - Outreach

PROPOSED LOCAL LIMITS

Calculated Local Limits Versus Previously Established Limits

	2009 Calculated Uniform Local Limits (mg/L)	2019 Calculated Uniform Local Limits (mg/L)
Arsenic	0.55	0.014
Benzene	0.050	0.14
BTEX	0.750	0.750
Cadmium	0.30	0.22
Chromium	2.90	5.37
Copper, Total	3.94	3.42
Cyanide	N/A	0.31
Hexavalent Chromium	0.86	1.97
Lead	0.51	2.90
Mercury	0.005	0.001
Molybdenum	2.82	5.69
Nickel	2.66	3.76
Selenium	0.054	0.24
Silver	0.112	0.68
Zinc	8.8	34.35

LOCAL LIMITS PROGRESS

**DEVELOPED USING EPA
GUIDANCE DOCUMENTS**

**REVIEWED AND ACCEPTED BY
EPA**

**NEW LIMITS DISCUSSED
WITH CURRENT FACILITIES**



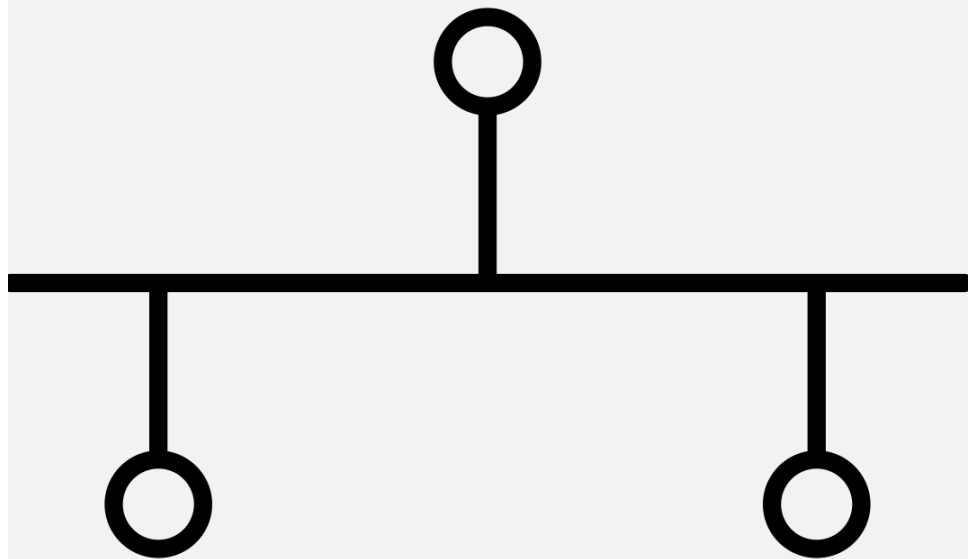


NEXT STEPS

Approval by Both Littleton
and Englewood Councils

30-day Public Notice
Period (EPA) and Second
Reading

Implementation into Code
and Administer New Limits





QUESTIONS

