



SPWRP LOCAL LIMITS

Littleton City Council
July 16, 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**



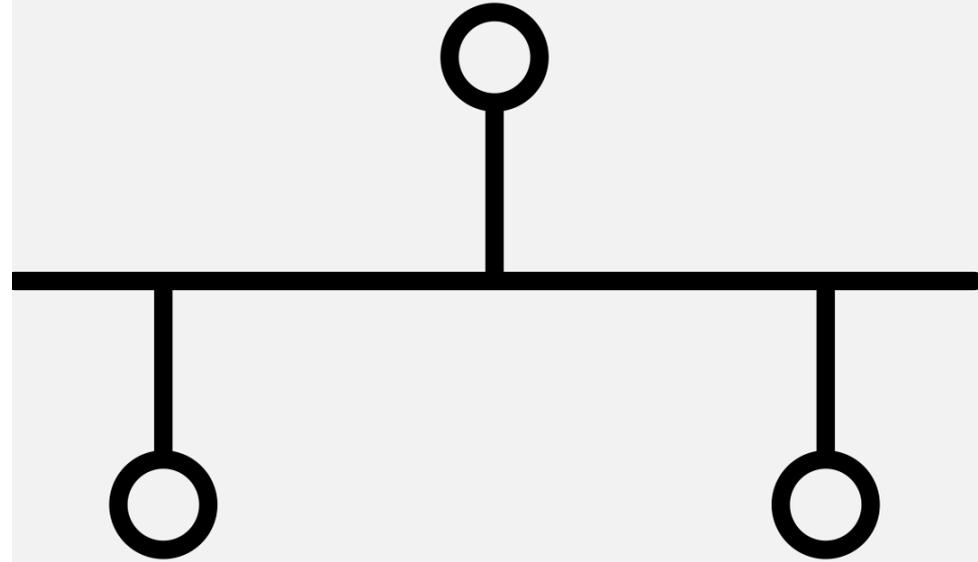


NEXT STEPS

Approval by Both
Littleton and Englewood
Councils

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

Implementation into
Code and Administer
New Limits





QUESTIONS

