

ELEMENT3

What We Do | Element3 extracts lithium from Permian produced water using patented DLE technology

Element3 is the only commercially validated platform to convert Permian brine into lithium supply today.

Our Approach



Produced Water Feedstock

1MM+ BWPD Secured
8MM+ BWPD in Discussion



Field Direct Lithium Extraction

Commercial Unit
In Installation



Lithium Carbonate Conversion

3,000 tpa Installed for
Commercial Operation



Battery Supply Chain

Offtake
Secured

Key Differentiators

Zero
Exploration Risk

Low
Deployment Time

Minimal Impact to
Permitting

Foundational Tech
From U.S. National Lab

Secured Domestic
Supply Chain

Extraction from
ultra-low concentrations

Opportunity | Permian produced water contains enough lithium to cover 100% of today's U.S. supply deficit

Element3 co-locates with midstream recycling facilities. Water flows through DLE and returns to normal operations. No new wells, no new permits, no competition for water volumes.

Permian Basin resource

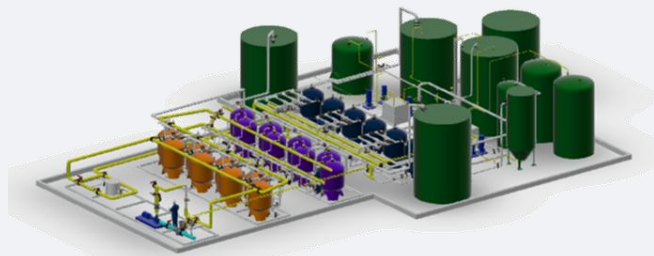
24M+ BWPD

~185 ktpa LCE flows through existing infrastructure

<1% of basin water needed massive growth

How DLE fits the treatment value chain

- 1 Produced Water** Raw feedstock from O&G operations
- 2 DLE Extraction** Lithium captured at the water facility
- 3 Water Returned** Back to disposal, recycling, or desal
- 4 Li_2CO_3 Produced** Battery-grade carbonate at hub



Element3 33,000 BWPD plant 3D rendering



Element3 33,000 BWPD plant in installation