



PACIFIC SODA

The clear solution.

We are pursuing a multi-billion dollar development project that will implement **solution mining technology** to remove high quality, natural soda ash from the deepest, highest grade, lowest impurity trona beds in **southwest Wyoming**.

Pacific Soda operated a **full-scale test cavern** and validated that high quality brine to produce soda ash and sodium bicarbonate for the market can be extracted by using the solution mining method.

- Basic engineering and design are **complete**. Detailed design is ongoing for the Dry Creek Trona Project.
- Baseline surveys and studies have been completed. **Environmental Impact Statement** review, pursuant to the National Environmental Policy Act (NEPA), is currently underway by the Bureau of Land Management.
- Project construction will start following the completion of the NEPA process and after securing the other required federal, state and local permits. **Commissioning of the processing facility is expected to begin 24 months after the start of construction**.
- Planned start for the project is the **end of 2024**.



Sisecam was founded in 1935 to establish Turkey's glass industry in line with the vision of Mustafa Kemal Atatürk, the founder of the Turkish Republic. Currently, Sisecam ranks among the world's top two manufacturers of glassware and the top five producers of glass packaging and flat glass. Sisecam is one of the three largest soda producers in the world and the world leader in chromium chemicals.



Ciner Group, established in 1978, is one of the largest groups of Turkey that carries out activity in mining, energy, glass, chemicals, media, maritime, tourism and other business sectors. Ciner Group which is the leader in natural soda ash production, operates the two production facilities - Eti Soda and Kazan Soda in Turkey.

The Dry Creek Trona Project

The project site, located about 20 miles southwest of Green River, is a solution mining wellfield comprised of:

7

JOINT SECTIONS

1

REFINERY

1

COMMON COGENERATION FACILITY



The mine will produce approximately

6

MILLION TONS OF SODA ASH PER YEAR



At full operation, the Dry Creek Trona Project is anticipated to support

530

FULL-TIME OPERATIONAL STAFF

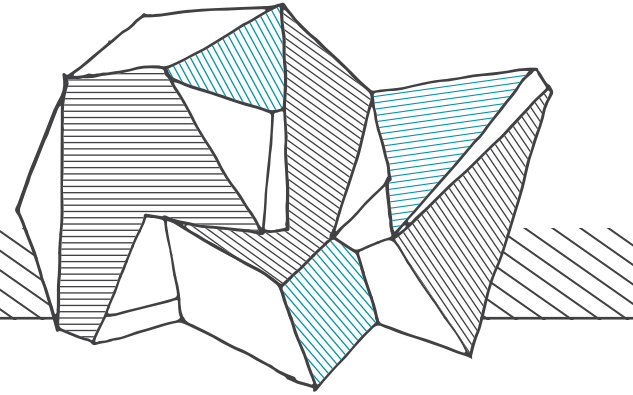
The clear solution.



Trona, Soda Ash & Wyoming

Natural soda ash, which is processed from trona, is the building block for everyday products across the globe.

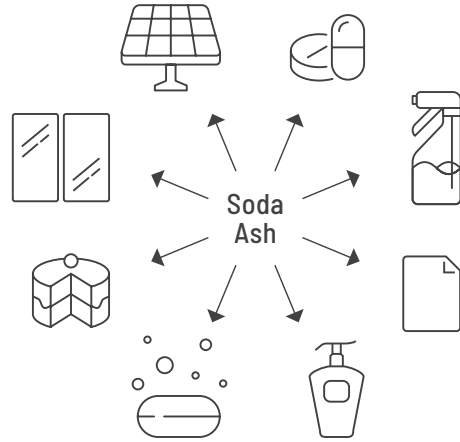
Solution Mining



Wyoming's Green River Basin holds the world's **purest, largest and most accessible** deposit of trona.

90% Wyoming holds 90% of the world's trona resources,

1,085 with trona beds covering roughly 1,085 square miles.



However, Wyoming currently represents only 20% of the global market share. And with the trona industry already contributing approximately \$100 million annually in state taxes and royalties, the state and its residents stand to benefit from strengthening our market position.



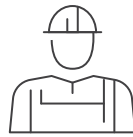
Learn more about Pacific Soda and our game-changing mining technology.

pacificsoda.us.com

PACIFIC SODA



1



Safe for People –

avoids risks associated with conventional underground mining

2



Consciously Manages Water Resources –

the limited water needed can be sourced locally from the Green River without affecting flow, and can be treated and reused

3



Minimally Disruptive to Land –

leaving undesirable materials underground reduces surface management needs, decreasing the mine's footprint

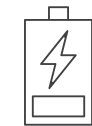
4



Leaves Unnecessary Materials Behind –

efficient, selective process avoids bringing waste to the surface

5



Consumes Less Energy –

consumes less energy than traditional mining by almost 25%

6



Safe for Wildlife –

minimal surface disruption allows native wildlife to migrate, nest, hunt, feed and reproduce nearby with little to no risk

7



Preserves Underground Formations –

this is not fracking; trona is dissolved from targeted beds and the solution is confined, not released into surrounding formations

8



Stewardship of the Resource –

allows access to trona deposits that are deeper and of higher quality than those mined with traditional methods

9



Lowest Cost Option –

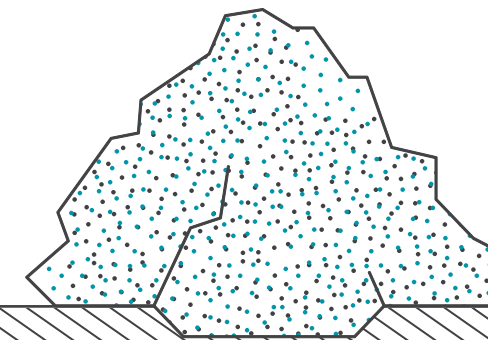
low-cost, robust operation assures strong futures for employees, customers and local communities

10



Stable, Sustainable Revenue Stream –

one of the world's most abundant natural resources, trona is not subject to boom-and-bust economics like fossil fuels



Learn more about solution mining and the Dry Creek Trona Project.

bit.ly/PacificSodaProject