



Unlocking Nature-Powered Success

Investing for a More Sustainable Future

Packaging

Essential Elements of CP Kelco's Packaging Investment



Building A USA Centralized Packaging Facility

CP Kelco is investing in a modernized, state of the art USA Central Packaging facility at our Okmulgee, OK plant location.

This facility will package all food, pharma, and cosmetic grade Xanthan and Gellan produced by both Okmulgee, Oklahoma and San Diego, California locations.



Converting to A More Environmentally Friendly Package

This new packaging facility will convert all packaging to polyethylene lined paper bags.
(historical mix of bags/drums/boxes)

Impacting all Food, Pharma, and Cosmetic grade Xanthan and Gellan products produced in the USA.

Benefits of CP Kelco's Packaging Investment



Support Capacity Expansion plans

Investing in capacity to support customer growth



Improve Customer experience

Addressing the largest source of customer complaints

Advancing our supply chain reliability



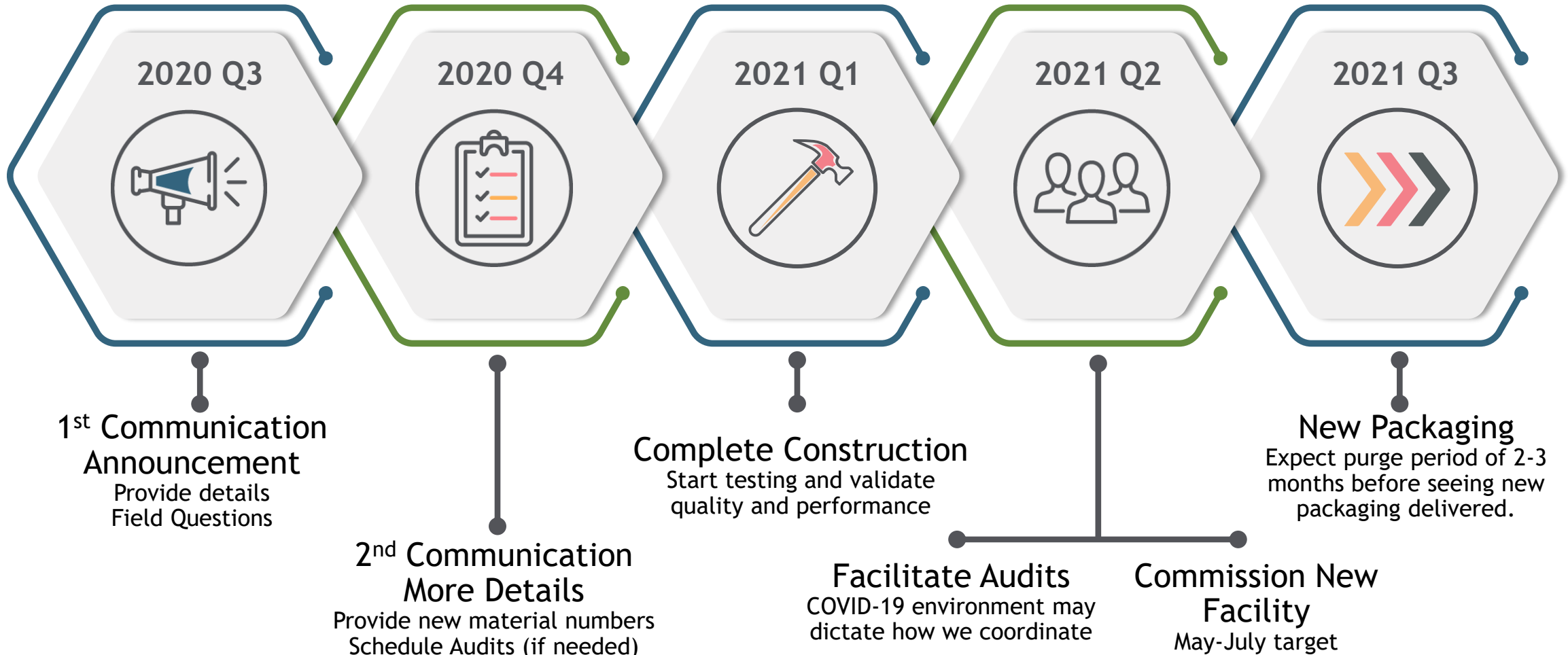
Improve CP Kelco's already strong environmental track record

Eliminating boxes & drums

Ease of recyclability

Increased pallet weights

Timeline



Managing This Change...

WHAT WILL CHANGE

- 1. New Material Numbers**
Material numbers will be provided in late 2020
- 2. New Product Data Sheets**
Although Product data sheet formats and specifications are not changing, packaging description will be updated, and new version provided for customer setup
- 3. New Safety Data Sheets**
Although there will be NO content changes, we will provide new documentation if needed for customer setup.
- 4. Certificate of Analysis Format And Plant Locations Will Change for Select Products**
Products historically listing San Diego, CA USA as production location will now mention Okmulgee, OK USA as production location
- 5. Audit documentation will be made available.**

WHAT REMAINS SAME



Brand & Product Name



Specifications & QC Protocols



**Key Product
Performance Parameters**

Things to Know About CP Kelco's Okmulgee, Oklahoma site



ISO 9001
Quality Systems certified



FSSC ISO 22000, ISO 22002
GFSI (Global Food Safety Initiative) certified



Manufactures under food and excipient pharmaceutical cGMPs (current Good Manufacturing Practices) and FDA Preventive Controls/HACCP



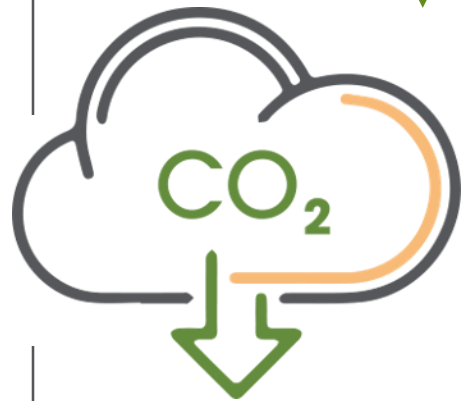
Kosher & Halal certified and inspected



QC laboratory external proficiency program

CP Kelco's New Bag Will Represent A Substantial Reduction in Carbon Footprint*

Existing Packaging



↓ 98%

DRUM

The new bag represents a 98% reduction in carbon footprint* as compared to the Drum packaging option.

↓ 82%

BOX

The new bag represents an 82% reduction in carbon footprint* as compared to the box packaging option.

↓ 46%

BAG (Existing Valve Bag)

The new bag represents a 46% reduction in carbon footprint* as compared to the existing bag packaging option.



mondi
Bag supplier

New Bag Attributes

- This change will result in significant carbon footprint* reductions relating to CP Kelco's packaging materials
- All Food, Pharma, and Cosmetic grade product produced by San Diego and Okmulgee will convert to an Open-Mouth, Kraft paper, PE Lined Bag
- Bag Weights will range between 20-25kg
- 2 Kraft Paper Liners, 1 PE Liner
- Heat Sealed PE Liner, Glued shut Kraft layer
- Easy Open Feature

*Carbon footprint measured by the carbon dioxide emissions associated with biomass combustion.

**Packaging lifecycle analysis data calculated using SimaPro/Ecoinvent

Thank you

More information can be found at:
www.cpkelco.com/packaging

If you have questions, please reach out to your commercial representative, distribution partner, or [contact us](#) online.