



Genesis Custom Chemical Blending 2708 NE Main St, Ennis, TX 75119
genesisc cb.com

- Donnie Lord
 - President
 - (214) 498-1592
- Phillip Bales
 - Vice President of Business Development
 - (682) 701-8646
- Nick Rich
 - Account Manager
 - (817) 296-1730
- Stephen Rodriguez
 - Lab Manager
 - (830) 832-4485
- Mike Taylor
 - EH&S Compliance Manger
 - (817) 980-9476

Genesis Custom Chemical Blending is committed to the health and safety of our employees, contractors, customers and neighbors as well as the security of our products, facilities and environment. We are dedicated to achieving best practices throughout all business activities based on continuous improvement and a commitment from all levels within our organization.

In addition to maintaining regulatory compliance, we invest in the health and safety of our employees and environment through waste control programs, air quality monitoring, wastewater management, containment features, process improvement and continual education.

Location – Ennis, TX

Manufacturing Location

2708 NE Main St
Ennis, TX 75119

35 Miles South of
Downtown Dallas

Easy access to I-45 & I-20



Industries Served

- **Oil & Gas**
 - Upstream
 - Completions / Frac
 - Production / Coil Tubing
- **Pulp & Paper**
 - Coatings
- **Water Treatment**
- **Personal Care**
 - Hand Sanitizers
- **Household, Industrial & Institutional**
 - Disinfectants
- **Agriculture**
 - Micronutrients
 - Crop Protection



Facility Overview

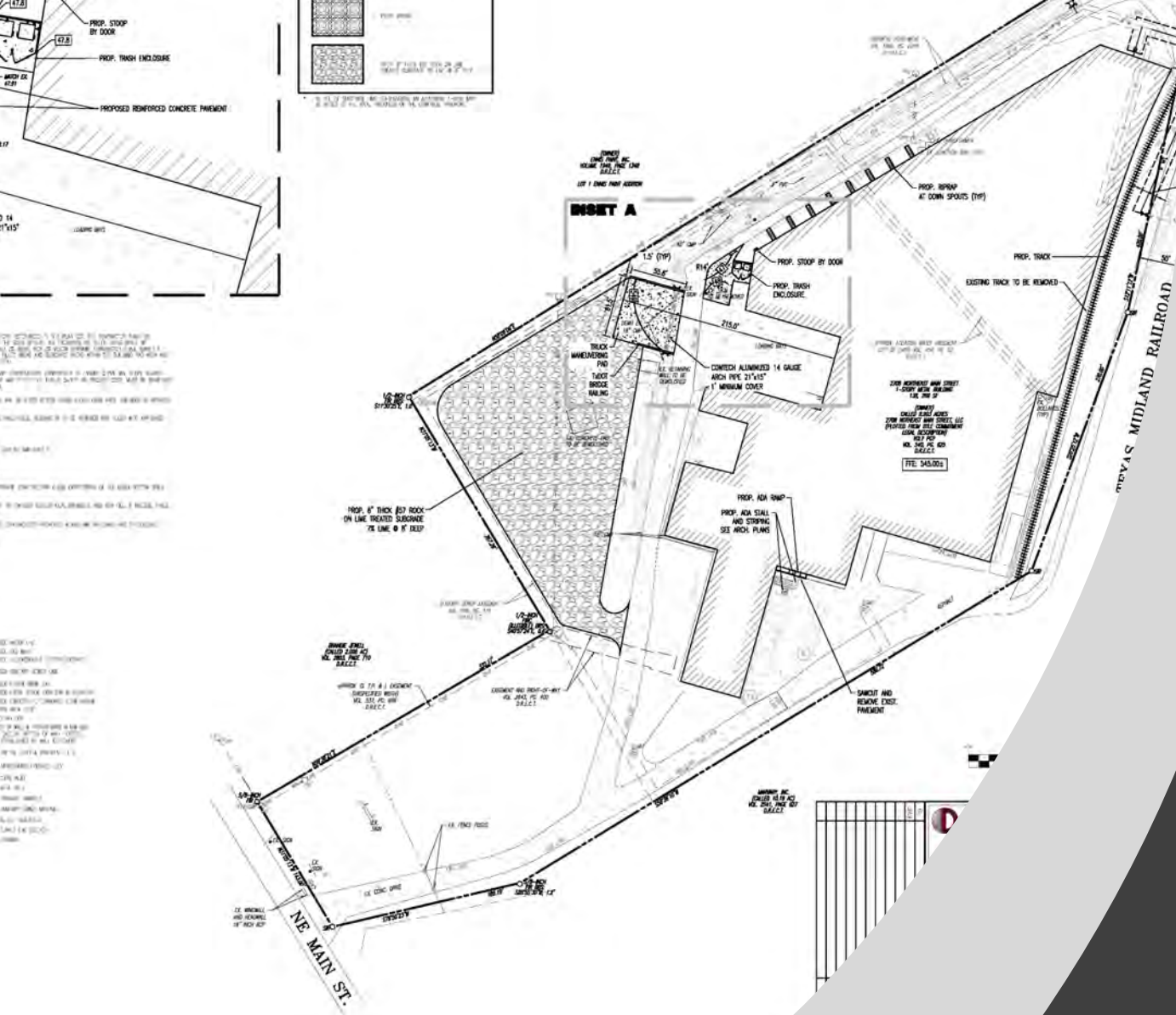
143,600 Square Foot Facility

19 Acres

2+ acre trailer lot

Union Pacific 10 car railcar spur

H2 Flammable Room



Manufacturing Facility Overview

Types of Blends

- Water-Based Chemistries
- Oil-Based Chemistries
- Endothermic
- Exothermic
- High Shear

Services

- Transloading
- Private Labeling
- Toll & Turnkey Blending
- Customer Inventory Reporting
- Strategic Sourcing Relationships



We follow a high standard of operational procedures, including quality and safety measures, throughout the entire process. Because your chemical solution is customized for your company, you can have peace of mind knowing it will meet your specific business needs.

Capabilities - Equipment

Water Based / High Flashpoint Blending

- (2) 304 Stainless Steel Mix Tanks on Load Cells with Agitation, Recirculation, and Eductor Systems
 - 5,500 Gallon Tank Capacity
 - M1-1 Tank is used for High Solids mixing
 - M1-2 Tank has Heating / Cooling coils for endothermic and exothermic reactions
- Reverse-Osmosis + Water Deionizing system with 10,000 Gal storage tank. Certified to USP grade with sock filter.
- (3) HDLPE Storage Tanks
 - 10,500 Gallon Tank Capacity
 - Level-sensing telemetry systems
 - Local and remote level displays and motor start/stops
 - 10HP 2"x3" 1800 RPM centrifugal load-out pumps (~200 GPM)
- (2) 100-ton York Chillers
- 3,000 Gallon hot water tank
 - Fiberglass construction with foam insulation
 - Variable thermostat, temperatures up to 210F
 - Centrifugal recirculation pump



Capabilities - Equipment

H2 Flammable Blending Room

- Class I DIV I Electrical
- **M2-1 Mix Tank**
 - Carbon Steel for oil-based blends
 - 5,200 Gallon Tank Capacity
- **M2-2 Mix Tank**
 - 304 Stainless Steel
 - 6,500 Gallon Tank Capacity
- **M2-3 Mix Tank**
 - 304 Stainless Steel
 - 2,500 Gallon Tank Capacity
 - Insulated and Jacketed for endothermic and exothermic reactions
- **Pilot Tank**
 - 304 Stainless Steel
 - 500 Gallon Tank Capacity
- All tanks are on Load Cells with Agitation, Centrifugal Recirculation Pumps, and Eductor System



- **GrayPack GP-6 Piston Filling Line**
 - Inline filler produces 18 Bottles Per Minute
 - Fills 1 OZ – 32 OZ Bottles
 - Applies labels and prints lot/exp date on the side of the bottles
- Case Taper that will print Lot/Exp date on the side of the box

SST-20 Vapor Scrubber System

- Twin 20" Stainless Steel Columns capable of removal efficiencies as high as 99%
- The system satisfies the EPA requirement for proper emission control devices which yield an efficiency of over 98% (40 CFR 61 Subpart FF)



Quality Management System

As a fundamental value at Genesis, quality and consistency are matters of utmost priority in our daily operations.

Our Quality Management System is comprised of detailed Standard Operating Procedures that direct our activities and document our critical control point verifications, as well as “hard-stop” product release procedures in our ERP system.

As a cGMP compliant facility, our SOPs provide exhaustive instructions for all facility operations, including:

- Raw material and supplier qualification and testing
- In process and finished good quality control procedures
- Retain storage and lot number traceability
- Two-person raw material code and weight verifications
- Tank cleaning and validation processes
- Product segregation
- Documented equipment operation processes
- Packaging, labeling, and closure methods
- Record maintenance and retention

All with the goal of delivering an exceptional finished product to our customer.

1) Required Personal Protection Equipment



- a) Goggles / Face shield
- b) Nitrile gloves
- c) Apron and Yellow Tyvek Sleeves

2) Equipment Required for Filling

- a) Filling hose / Safety straps
- b) New 330 gal wirecage tote
- c) Tote (platform) scale
- d) Torque wrench / tote lid tightener



3) Labels for the Transport Container

- a) GHS-Compliant Information label (1)
- b) “Filled-By” label (date / sequential tote #)

Filled By: _____
Date: _____
Tote #: _____

4) Method for Production

- a) Locate nearest eyewash/shower station in case of emergency.
- b) Use only new-bottle 330-gal wirecage totes as listed on the fill ticket.
- c) Label totes completely before beginning the filling process (see Section 3 above).
- d) Verify that all hoses, pumps, and other equipment are cleaned or dedicated and pull a fill sample for the Lab. The lab will provide the fill weight based on product density.
- e) Set up platform scale at designated tank. Place tote on scale and “zero out” display.
- f) Make sure the bottom valve on the totes are closed and capped.
- g) Use a long PVC filling rod to keep product flow under liquid level to prevent foaming.
- h) Fill containers to desired weight as specified on the f-ticket.
- i) Set the torque wrench to the correct ft-lbs and use the 6” lid tightener to tighten the tote lid to the manufacturer’s closure specifications.



- 2in. bung caps should be sealed by the manufacturer and not require adjustment.
- Tote, lid, and cage should be free from deep cuts, cracks, grit, and damage.
- Lid closure torque specification should be found near UN information (Mauser totes = 70 ft-lbs)



- Bottom outlet valve is closed, zip-tied, and capped with screw-on cover.

Laboratory Services

QA/QC Laboratory

Genesis has a full-service QC laboratory to ensure every blend meets customer specifications.

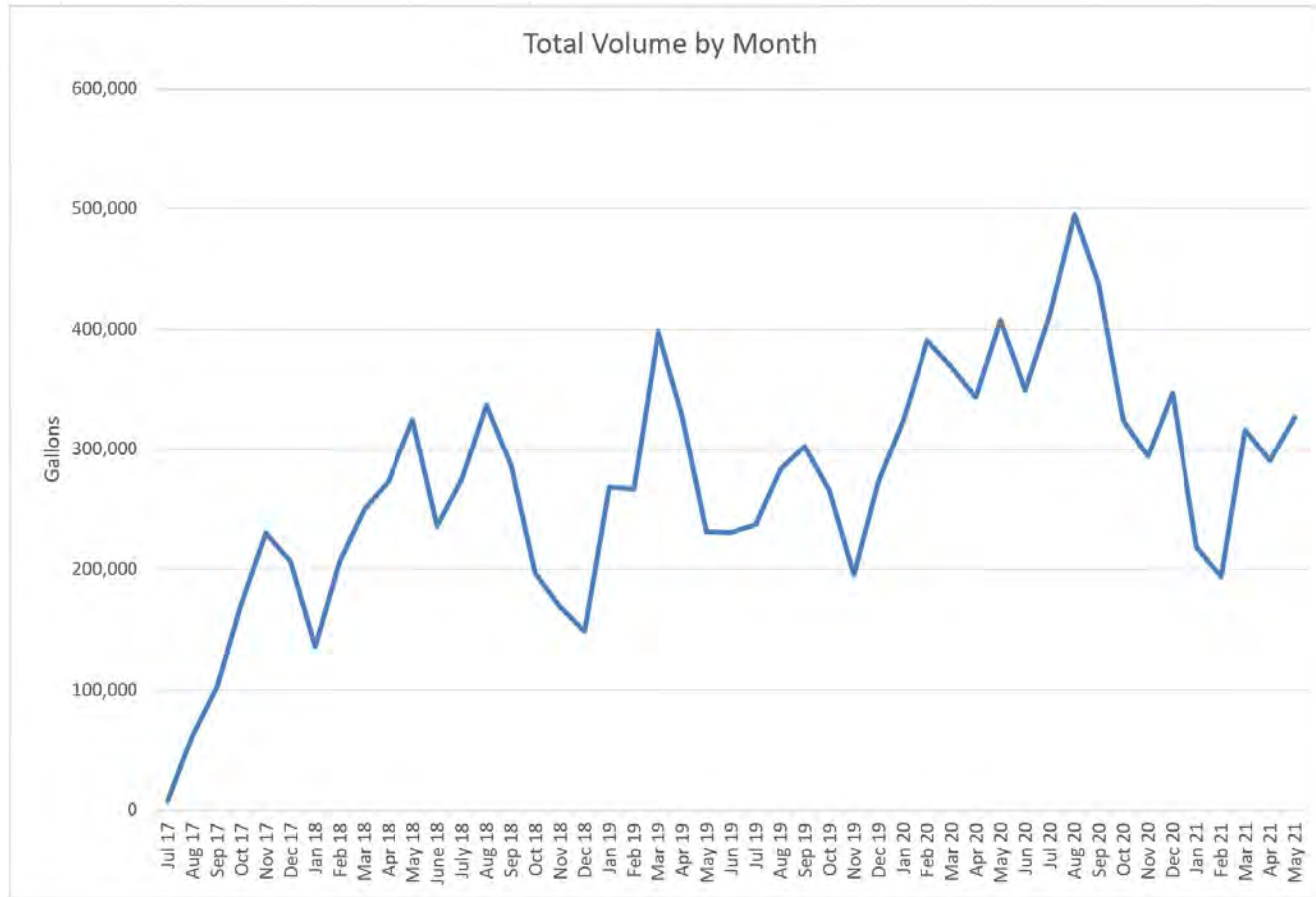
- Retain Sample Storage
- Quality Control Testing such as:
 - Specific Gravity
 - pH
 - Titrations
- Water Analysis
- Fluid Testing and Evaluation
- Surfactant Testing
- Lot # Traceability



Testing Equipment

- ICP-MS and ICP-OES
- FTIR
- XRF
- Kruss K100 Tensiometer
- LS 13 320 Particle Sizing Analyzer
- DSA 25
- Grace M3600 rheology viscometers
- Grace M5600 high pressure high temperature rheology viscometers
- TAG 4 Flashpoint Tester
- Brookfield DV-E Viscometer
- Moisture Analyzer
- Lubricity Tester
- Silverson High Shear Mixers
- Flow Loop
- Alcohol Hydrometer
- GC/MS

Manufacturing Capacity



- Average 3,000,000 Lbs. per Month
- Current Capacity 8,000,000 Lbs. per month
- Additional Capacity Availability
 - 2nd Shift
 - 3rd Shift 24/7
- April 20' Added Personal Care
- Q2 20' Oil and Gas Decline
- Q2 21' Added Agriculture

LAST MILE LOGISTICS

We transport, deliver, and handle a variety of chemical products across the U.S. We specialize in oilfield logistics services for chemicals, drilling fluids, and petroleum-related products.

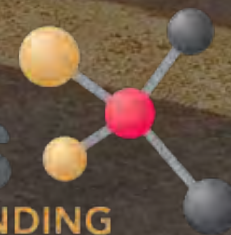
We partner with you for more than transportation — we help you form strategy. The chemical industry is our focus and specialty, so we use our know-how to build a system for your raw material intermediate hauling, finished goods transportation to the yard, and last-mile delivery to location.

Our Training Includes:

- Hazardous Materials General Awareness
- Function Specific Tasks & Security
- Driver Qualification & Disqualification Standards
- Hours of Service & Equipment Inspections
- Smith System Safe Driver Certification
- PEC Safeland Certification

Our Fleet Includes:

- 45 Trucks
- 65 ISOtainers with Telemetry
- 25 Flatbeds
- 28 Vacuum Trailers
- 12 Stainless Steel Tankers



At Genesis Custom Chemical Blending, we provide custom chemical solutions that help you provide a substantial return on your investment and outperform the competition.

Genesis Custom Chemical Blending
2708 NE Main St
Ennis, TX 75119
682-701-8646
Genesisccb.com