



## Pacific Operations

PROVIDING SAFE, RELIABLE ENERGY  
TRANSPORTATION AND STORAGE

Through its Pacific Operations unit, Kinder Morgan operates approximately 3,000 miles of refined products pipeline that serves Arizona, California, Nevada, New Mexico, Oregon, Washington and Texas. With roots dating back to 1956, this is the largest products pipeline in the Western U.S., transporting more than one million barrels per day of gasoline, jet fuel, diesel fuel and renewable fuels to our customers. Additionally, our company-owned terminals provide services such as liquid petroleum product storage and loading facilities for delivery trucks.

Kinder Morgan's Pacific Operations unit is comprised of the Northern Region and Southern Region gathering systems, pipelines and terminals.

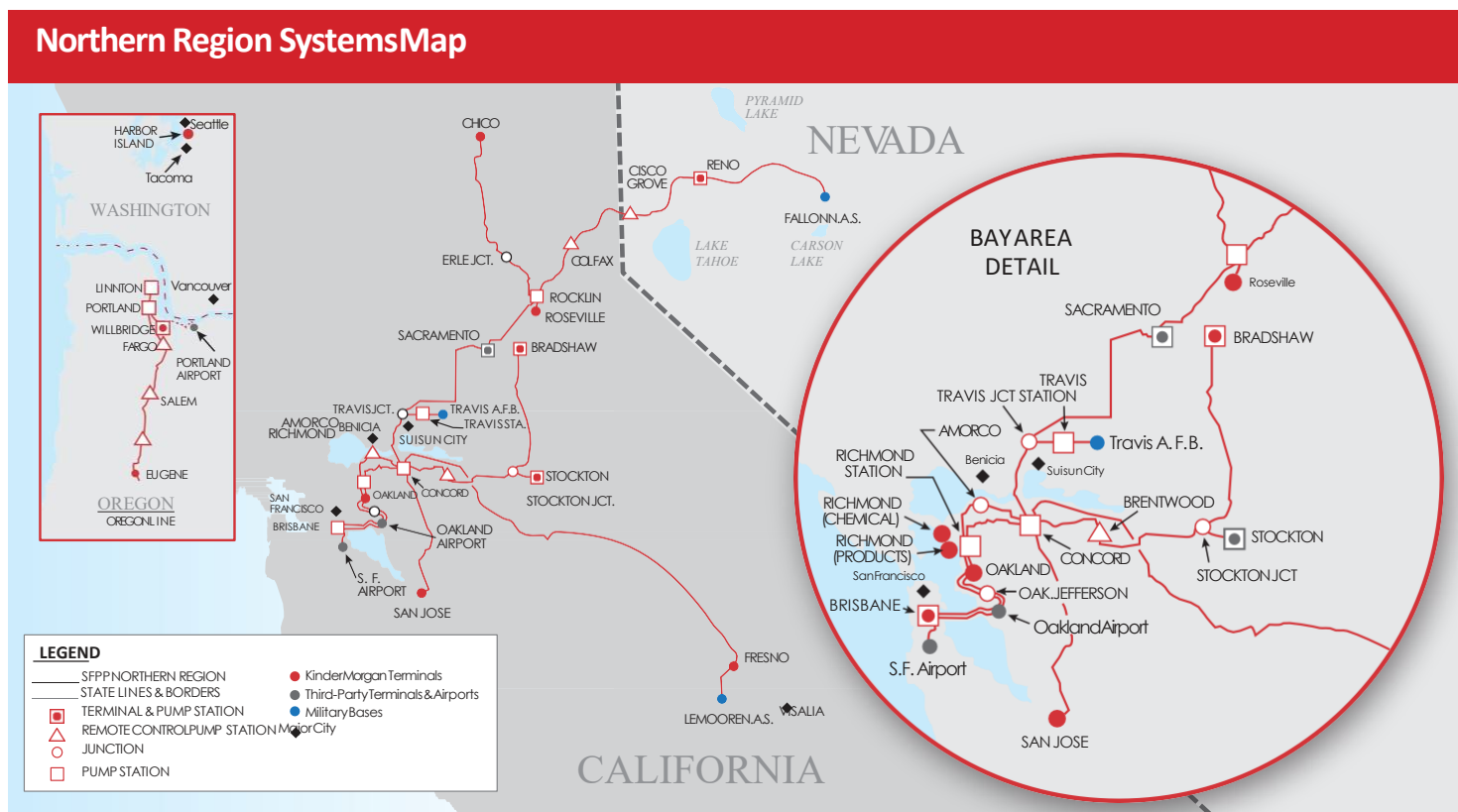
The Kinder Morgan entities that operate Pacific Region assets include SFPP, LP; CALNEV Pipe Line, LLC; Kinder Morgan Liquids Terminals, LLC; Kinder Morgan Phoenix Holdings, LLC; and Lomita Rail, LLC.

## Pacific Operations Northern Region

The Northern Region consists of a gathering system in Portland, Oregon, which offers third-party terminal connectivity to Portland Station for shipments to Kinder Morgan's Willbridge Terminal, including a connection to the Portland Airport, and also to Kinder Morgan's Eugene Terminal.

The region also includes gathering systems at Concord and Richmond, California, which connect refineries and third-party terminals to multiple destinations in the Bay Area and northern and central regions of California, and in Reno, Nevada.

Schematics for gathering systems, pipelines and terminals follow, along with specifications and services provided at each Kinder Morgan terminal.

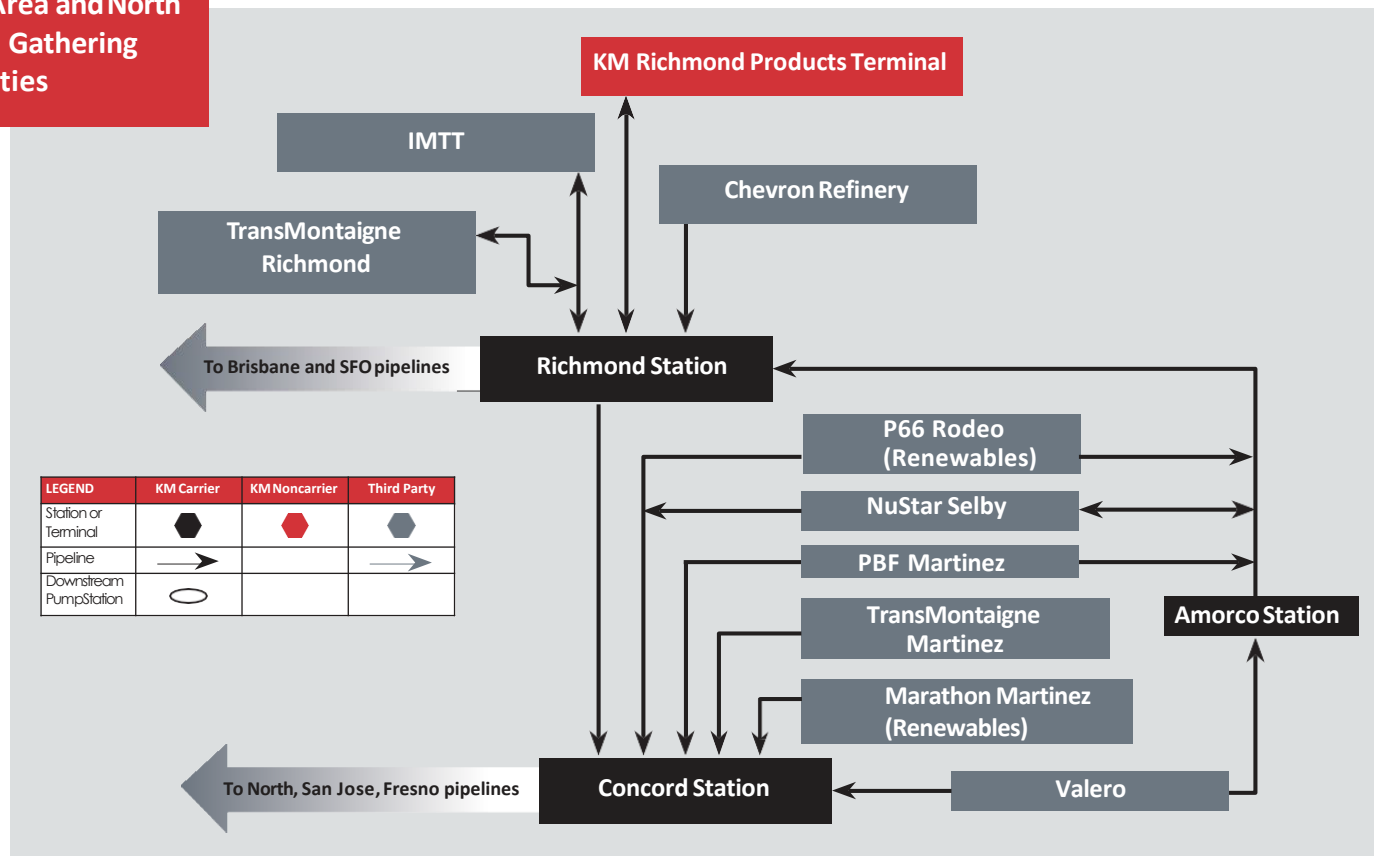


# NORTHERN REGION | Gathering Facilities and Pipelines

## Northern Region Origins and Destinations

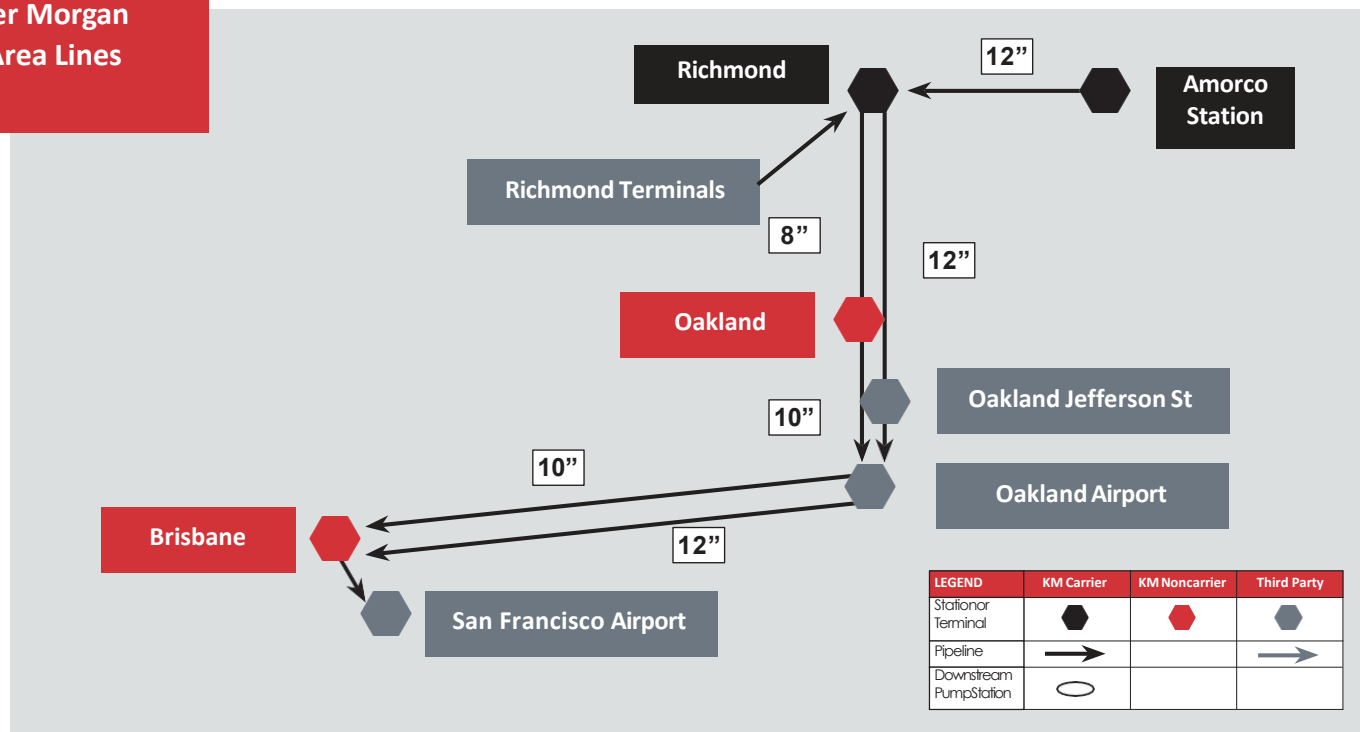
<b>Bay Area Lines</b>	<b>Origin</b> <ul style="list-style-type: none"> <li>- Richmond Station</li> <li>- Amoro Station</li> </ul>	<b>Destination</b> <ul style="list-style-type: none"> <li>- Brisbane, CA</li> <li>- Oakland Airport</li> <li>- San Francisco Airport</li> </ul>
<b>North Line</b>	<b>Origin</b> <ul style="list-style-type: none"> <li>- Richmond Station</li> <li>- Concord Station</li> </ul>	<b>Destination</b> <ul style="list-style-type: none"> <li>- Bradshaw, CA</li> <li>- Chico, CA</li> <li>- Fresno, CA</li> <li>- Reno, NV</li> <li>- Richmond, CA (Products)</li> <li>- Sacramento, CA</li> <li>- San Jose, CA</li> <li>- Stockton, CA</li> </ul>
<b>Oregon Line</b>	<b>Origin</b> <ul style="list-style-type: none"> <li>- Portland Station</li> </ul>	<b>Destination</b> <ul style="list-style-type: none"> <li>- Eugene, OR</li> </ul>
<b>Other Pacific Northwest Terminals</b>	<b>Origin</b> <ul style="list-style-type: none"> <li>- Marine or Third Party (Olympic PL)</li> </ul>	<b>Destination</b> <ul style="list-style-type: none"> <li>- Harbor Island Terminal – Seattle, WA</li> <li>- Linnton Terminal – Portland, OR</li> <li>- Willbridge Terminal – Portland, OR</li> </ul>
<b>PDX Line</b>	<b>Origin</b> <ul style="list-style-type: none"> <li>- Willbridge Terminal - Portland, OR</li> </ul>	<b>Destination</b> <ul style="list-style-type: none"> <li>- Portland International Airport</li> </ul>

## Bay Area and North Lines Gathering Facilities



# NORTHERN REGION | Gathering Facilities and Pipelines

## Kinder Morgan Bay Area Lines



### ORIGINS

<b>Richmond Area Supply</b>	Richmond direct access through gathering lines; Bay Area pipelines origin
<b>Concord Area Supply</b>	Richmond direct access through 12" LS 37 line

### DESTINATIONS

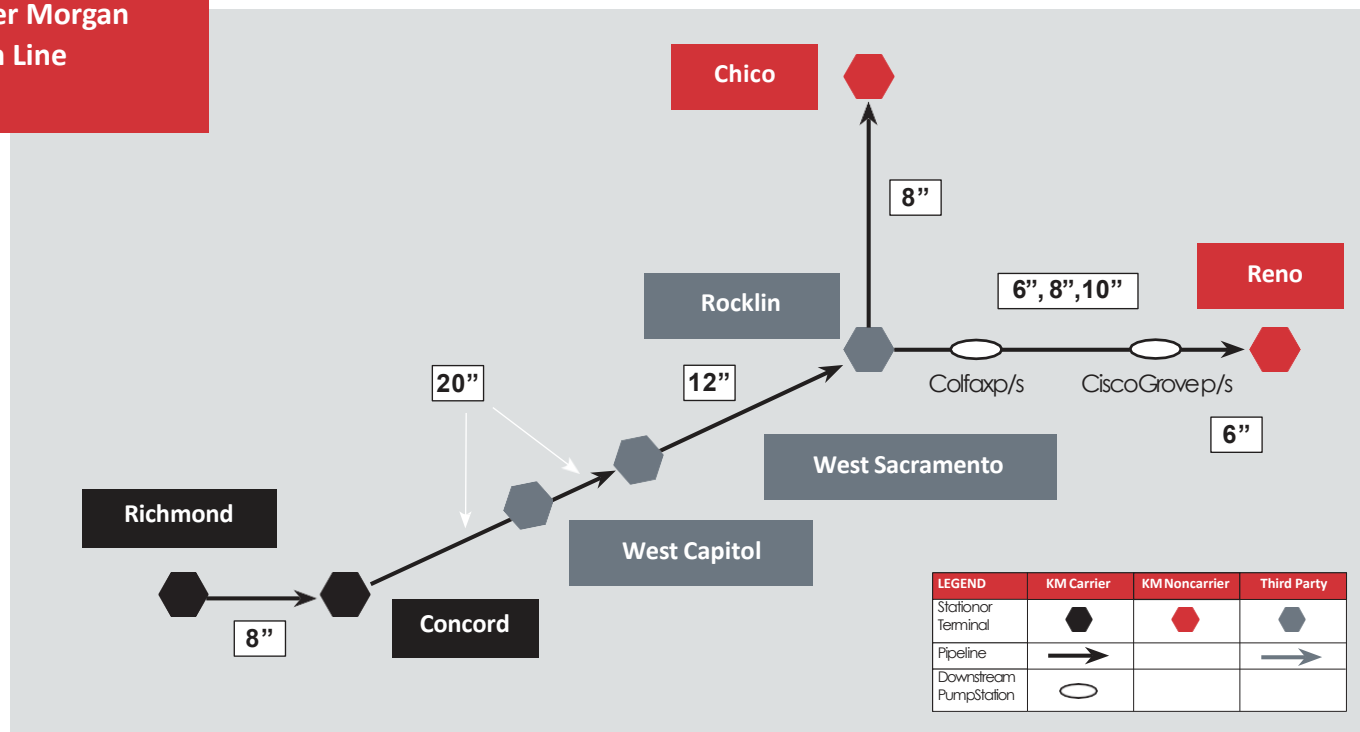
<b>Richmond</b>	Deliveries to third-party terminals	Gasoline, diesel
<b>Richmond</b>	KM Terminal	Gasoline, diesel
<b>Oakland</b>	Deliveries to railroad yard	Diesel
<b>Oakland Jefferson St</b>	Deliveries to third-party terminal	Jet fuel
<b>Oakland Airport</b>	Deliveries into airport storage	Jet fuel
<b>Brisbane</b>	KM terminal	Gasoline, diesel, jet fuel
<b>San Francisco Airport</b>	Deliveries to airport storage	Jet fuel

#### Notes:

- » Lines are operated by SFPP, LP
- » Turbine service via 10" line from Richmond to Oakland Airport and Brisbane Terminal
- » Turbine service via 12" line from Richmond to Oakland Jefferson St., Oakland Airport, Brisbane Terminal and San Francisco International Airport
- » Gasoline/diesel service via 8" line to Oakland railroad yard, then 10" to Brisbane
- » No breakout storage available at Richmond

# NORTHERN REGION | Gathering Facilities and Pipelines

## Kinder Morgan North Line



### ORIGINS

<b>Richmond</b>	Direct pumping into 8" Richmond Concord line
<b>Concord</b>	Via gathering lines into Concord Breakout facility; North Line origin

### DESTINATIONS

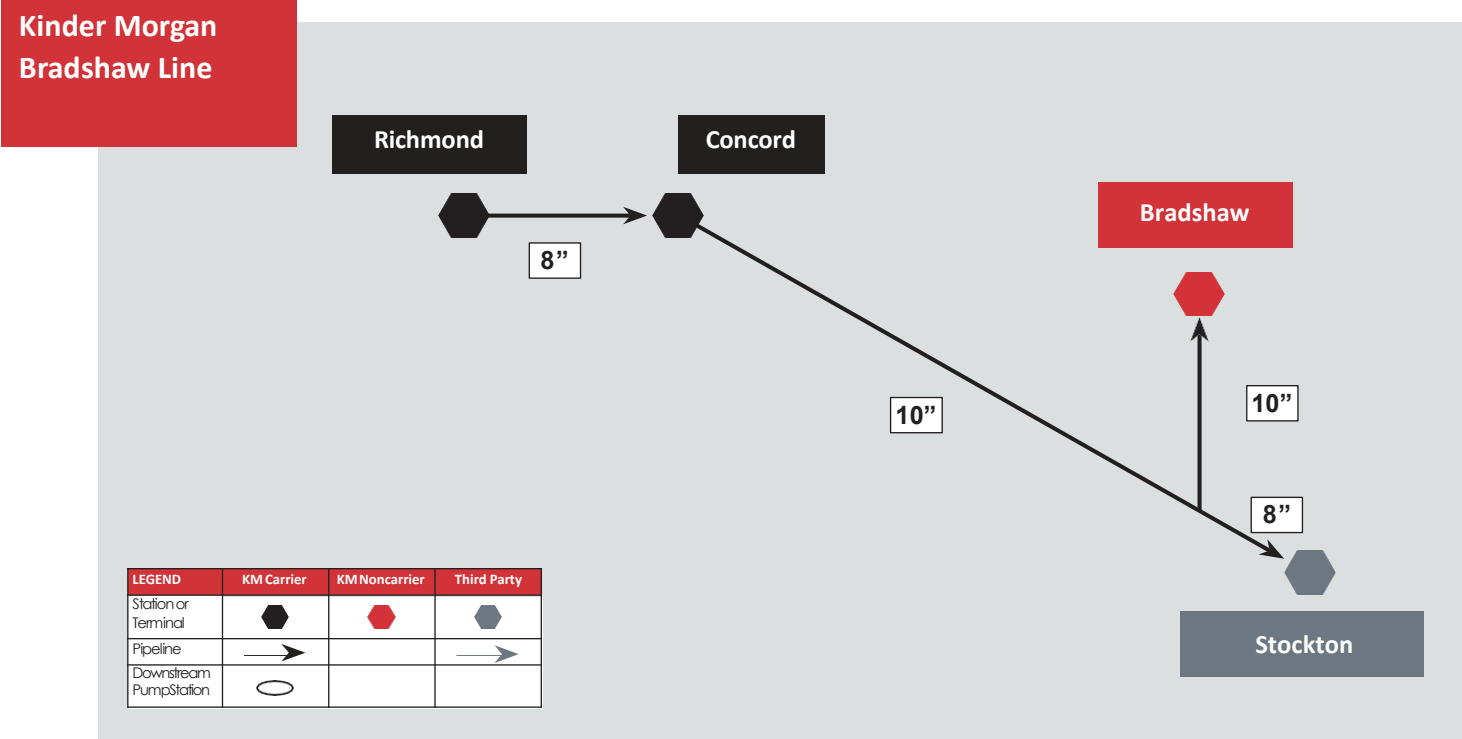
<b>West Capitol Jct</b>	Via 20" mainline to third-party pipeline to Sacramento Airport	Jet fuel
<b>West Sacramento</b>	Deliveries via 20" mainline to third-party terminals	Gasoline, diesel
<b>Roseville</b>	Via 12" mainline to breakout facility for Chico and Reno pipelines; deliveries to railroad yard	Diesel
<b>Chico</b>	KM terminal	Gasoline, diesel
<b>Reno</b>	KM and third-party terminals; third-party connecting to Reno Airport	Gasoline, diesel, jet fuel

#### Notes:

- » Lines are operated by SFPP, LP
- » Service via 20" line from Concord to Travis, West Capitol and West Sacramento; via 12" pipeline from West Sacramento to Rocklin breakout
- » SFPP Breakout facility at Rocklin for Chico and Reno movements



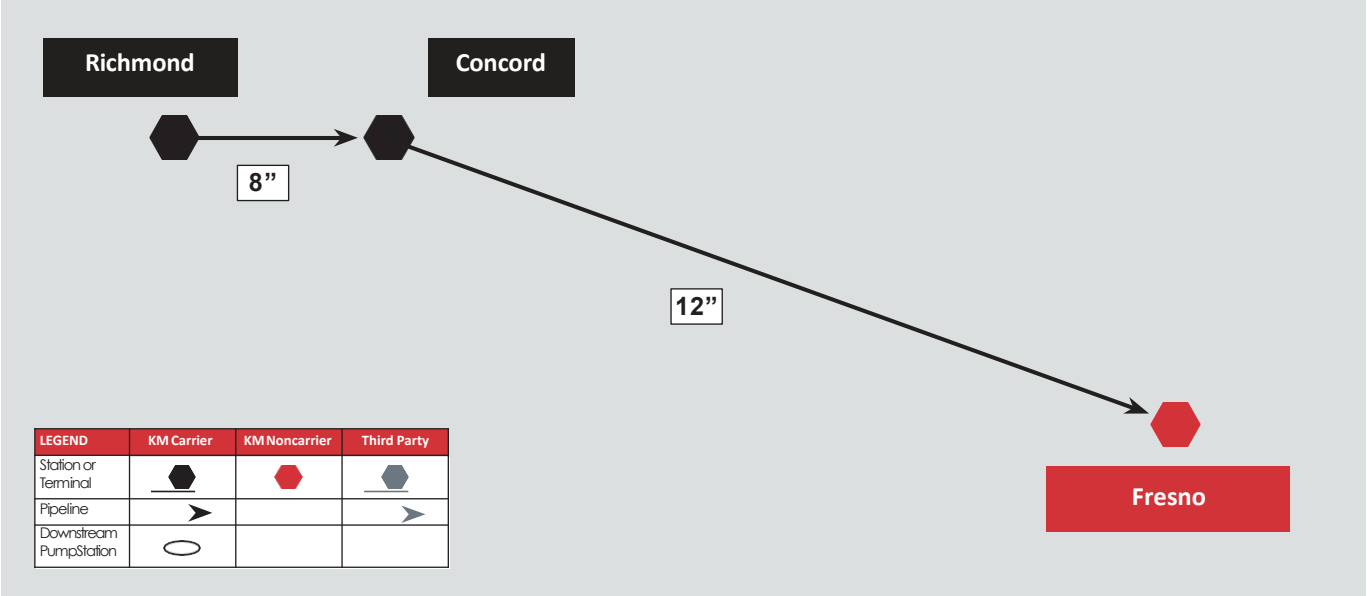
# NORTHERN REGION | Gathering Facilities and Pipelines



ORIGINS		
Richmond	Direct pumping into 8” Richmond Concord line	
Concord	Via gathering lines into Concord Breakout facility; Bradshaw Line origin	
DESTINATIONS		
Stockton	Via 10” from Concord to Stockton Jct, then 8” Stockton lateral to third-party terminals	Gasoline, diesel, and renewable diesel
Bradshaw	KM terminal	Gasoline, jetfuel, and renewable diesel

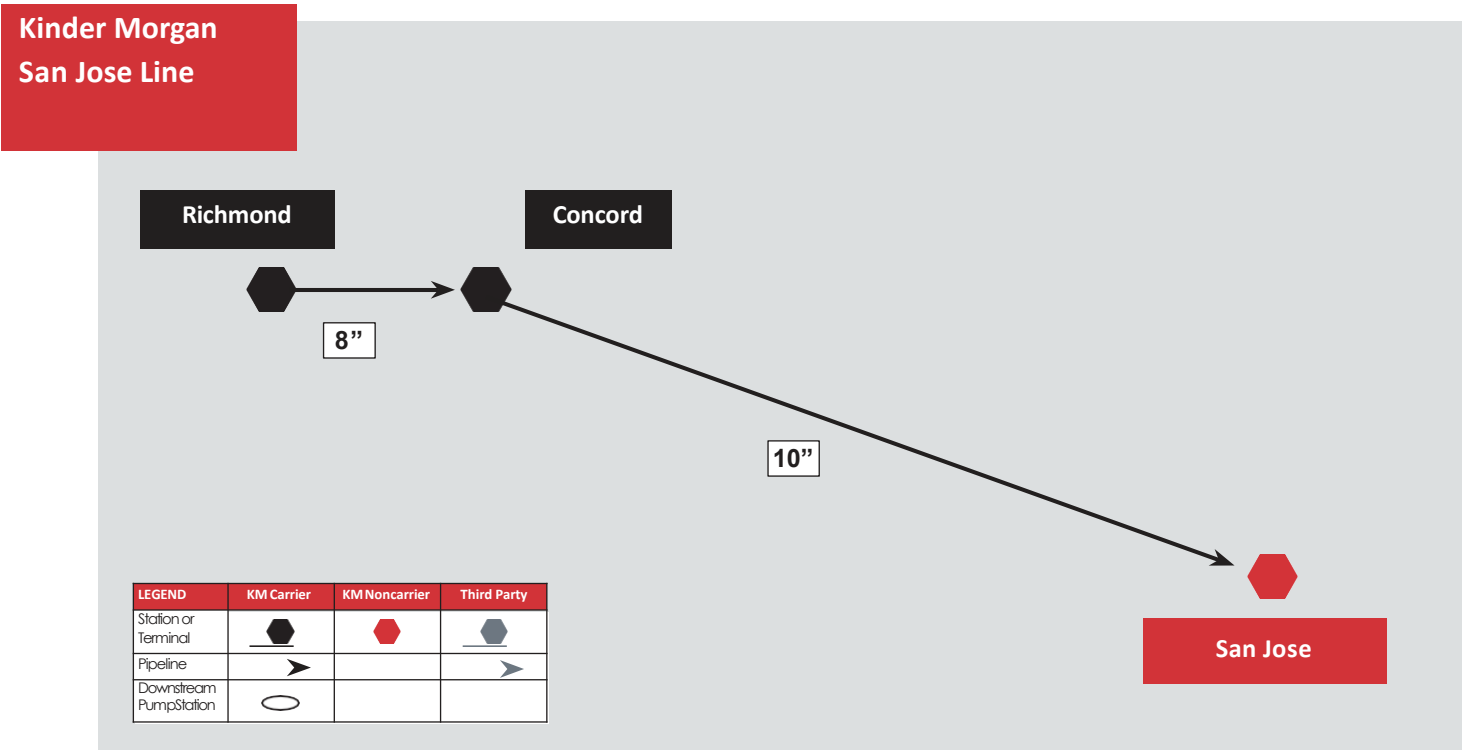
# NORTHERN REGION | Gathering Facilities and Pipelines

## Kinder Morgan Fresno Line



ORIGINS		
Richmond	Direct pumping into 8" Richmond Concord line	
Concord	Via gathering lines into Concord Breakout facility; Fresno Line origin	
DESTINATIONS		
Fresno	KM terminal	Gasoline, diesel, renewable diesel, military jet fuel

# NORTHERN REGION | Gathering Facilities and Pipelines

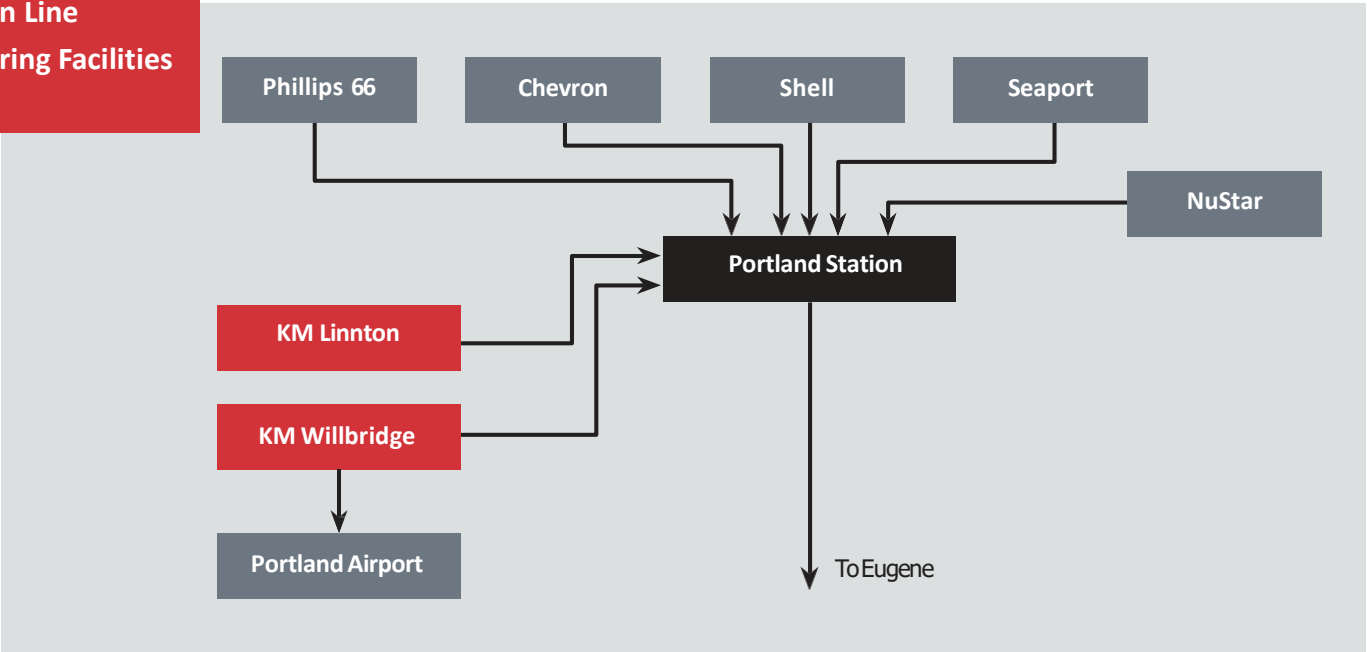


ORIGINS		
Richmond	Directpumping into 8” Richmond Concord line	
Concord	Via gathering lines into Concord Breakout facility; San Jose Line origin	
DESTINATIONS		
San Jose	KM and third-party terminals; connecting line to San Jose Airport	Gasoline,diesel,jet fuel and renewable diesel

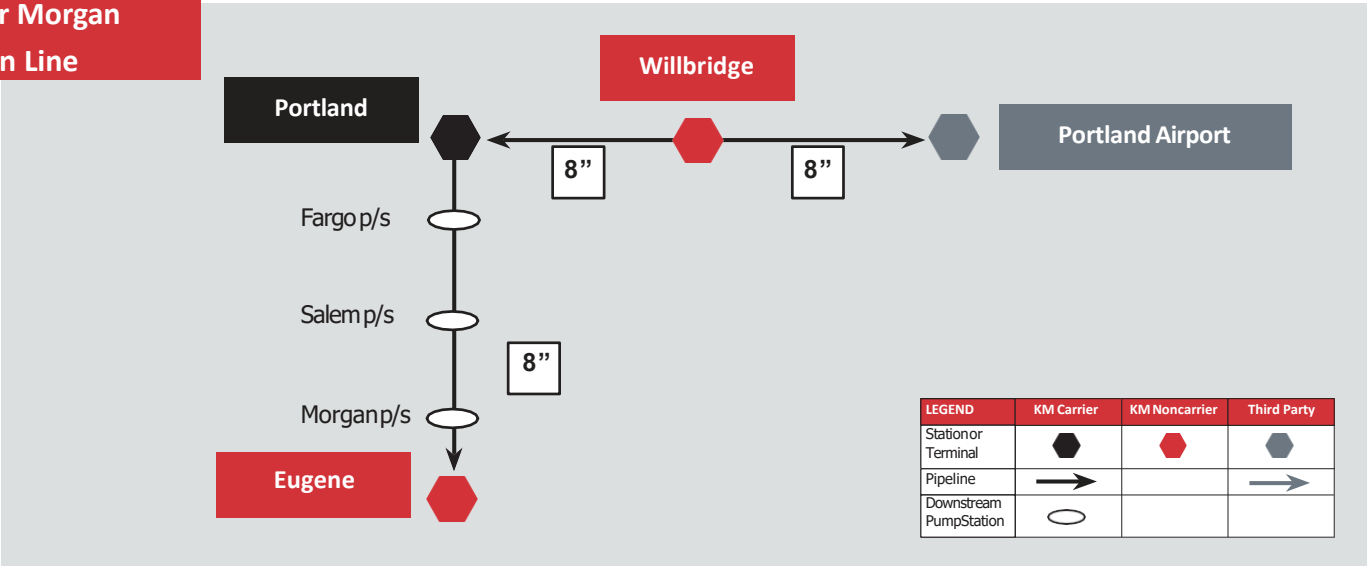


# NORTHERN REGION | Gathering Facilities and Pipelines

## Oregon Line Gathering Facilities



## Kinder Morgan Oregon Line



ORIGINS		
Portland	Direct pumping into 8" Eugene line	
Willbridge	Direct pumping into 8" Portland Airport line	
DESTINATIONS		
Eugene	KM terminal	Gasoline, diesel
Portland Airport	Deliveries to airport facilities	Jet fuel

Notes:

- » Eugene pipeline operated by SFPP, LP; Portland Airport pipeline operated by KMLT
- » Eugene pipeline originates at various Portland terminals and supplies Eugene, OR; pipeline has three downstream pump stations
- » Portland Airport line originates at KM's Willbridge terminal

# NORTHERN REGION TERMINALS

## Bradshaw Terminal

2901 Bradshaw Rd.  
Sacramento, CA 95827

Phone: (916) 363-1666  
Fax: (916) 369-0335

### » Specification

- 35 total acres
- 16 refined petroleum products tanks
- Total storage capacity= 446,200 barrels
- Range of tanks = 5,000–55,000 barrels

### » Products

- CARB gas, Renewable Diesel, turbine, ethanol, biodiesel

### » Logistics

#### Inbound:

- KM Concord to Bradshaw 10" pipeline
- Ethanol truck offloading

#### Outbound:

- Major roadways: US-50, Jackson Hwy (CA-16)

### » Loading Racks

- Three truck loading racks
- Toptech TMS6 rack automation
- Ethanol storage and rack injection
- Midgrade blending services
- Carb detergent additive systems
- Diesel and turbine red dye injection

### » Other

- Diesel lubricity additive



## Brisbane Terminal

950 Tunnel Ave  
Brisbane, CA 94005

Phone: (415) 467-8107  
Fax: (415) 467-6787

### » Specifications

- 25 total acres
- 20 refined petroleum products tanks
- Total storage capacity= 618,000 barrels
- Range of tanks = 10,000–75,000 barrels

### » Products

- CARB gas, CARB ULSD, turbine, ethanol

### » Logistics

#### Inbound:

- KM multi products 10" pipeline from Richmond/Concord
- KM turbine fuel 12" pipeline from Richmond/Concord
- Ethanol truck offloading

#### Outbound:

- Major roadway: US-101
- Trans shipment pipeline for turbine to San Francisco Airport

### » Loading Racks:

- Four truck loading racks
- Toptech TMS6 rack automation
- Midgrade blending
- Ethanol storage and sequential rack blending
- CARB detergent additive systems

### » Other:

- Diesel lubricity additive



# NORTHERN REGION TERMINALS

## Chico Terminal

2570 Hegan Lane  
Chico, CA 95928

Phone: (530)342-6140  
Fax: (530)896-1834

### » Specifications

- 40 total acres
- 33 refined petroleum products tanks
- Total storage capacity= 557,400 barrels
- Range of tanks= 5,000–60,000 barrels

### » Products

- CARB gas, CARB ULSD (B5), biodiesel, ethanol

### » Logistics

Inbound:

- KM Rocklin to Chico 8" lateral - Biodiesel truck offloading
- Ethanol truck offloading

Outbound:

- Major roadways: US-99, CA-32

### » Loading Racks

- Four truck loading racks
- Toptech TMS6 rack automation
- Midgrade blending
- Ethanol storage and sequential rack blending
- CARB detergent additive systems
- Diesel red dye injection services

### » Other

- Diesel lubricity additive



## Eugene Terminal

1765 Prairie Rd  
Eugene, OR 97402

Phone: (541)689-1545  
Fax: (541)689-9861

### » Specifications

- 34 total acres
- 42 refined petroleum products tanks
- Total storage capacity= 708,100 barrels
- Range of tanks= 5,000–60,000 barrels

### » Products

- Conventional gas, EPA ULSD (B5), ethanol

### » Logistics

Inbound:

- KM Portland to Eugene pipeline offloading
- Ethanol truck

Outbound:

- Major roadways: Beltline Hwy, OR-569, OR-99, I-5

### » Loading Racks

- Four truck loading racks
- Toptech TMS6 rack automation
- Midgrade blending
- Ethanol storage and sequential rack blending
- EPA detergent additive systems
- Diesel red dye injection services

### » Other

- Diesel conductivity additive



# NORTHERN REGION TERMINALS

## Fresno Terminal

4149 South Maple Ave  
Fresno, CA 93725

Phone: (559) 237-4612  
Fax: (559) 268-9015

### » Specifications

- 78 total acres
- 26 refined petroleum products tanks
- Total storage capacity= 878,200 barrels
- Range of tanks = 10,000–80,000 barrels

### » Products

- CARB gas, CARB ULSD (B5), Renewable Diesel, biodiesel, ethanol, military jet fuel

### » Logistics

Inbound:

- KM Concord to 12" Fresno pipeline
- Ethanol truck offloading
- Biodiesel truck offloading

Outbound:

- Major roadway: CA-99
- KM 6" military delivery line to Naval Air Station (NAS) Lemoore

### » Loading Racks

- Seven truck loading racks
- Toptech TMS6 rack automation
- Midgrade blending
- Ethanol storage and sequential rackblending
- CARB detergent additive systems
- Diesel red dye injection services

### » Other

- Diesel lubricity additive



## Harbor Island Terminal

2720 13th Ave SW  
Seattle, WA 98134

Phone: (206) 682-4706  
Fax: (206) 682-8003

### » Specifications

- 25 acres
- Number of tanks = 21
- Total storage capacity= 941,835 barrels
- Range of tanks = 6,000–80,000 barrels

### » Marine Loading/Unloading

- Number of ship docks = 1 (45' MLW)
- Size of berths = 900'

### » Products

- Gasolines, turbine, diesel, biodiesel, ethanol, marine fuel oils

### » Logistics

Inbound:

- Pipeline: From Olympic pipeline

Outbound:

- Major roadway: I-5

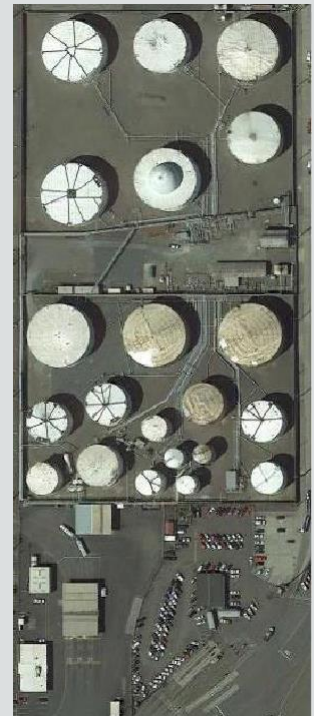
- Three-lane truck loading rack

### » Services

- Midgrade blending
- Ethanol storage and sequential rack blending
- CARB detergent additive systems
- Diesel red dye injection services
- Biodiesel storage and rackblending (B5, B10, B15, B20)

### » Other

- Diesel lubricity additive





# NORTHERN REGION TERMINALS

## Linnton Terminal

11400NW St Helens Rd  
Portland, OR 97231

Phone: (503) 286-1691  
Fax: (503) 220-1270

### » Specifications

- 17 acres
- Number of tanks = 20
- Total storage capacity = 420,008 barrels
- Range of tanks = 11,000–72,000

### » Marine Loading/Unloading

- Number of ship docks = 2 on Willamette River (23' MLW)
- Size of berths = 740'

### » Products

- Gasolines, diesel

### » Logistics

Inbound:

- Pipeline: From Olympic pipeline
- Tanker/barge loading

Outbound:

- Tanker/barge unloading
- Pipeline service to SFPP Oregon line (Eugene)



## Richmond Products Terminal

1306 Canal Blvd  
Richmond, CA 94804

Phone: (510) 231-4700  
Fax: (510) 231-4701

### » Specifications

- 55 total acres
- 43 refined petroleum products tanks
- Total storage capacity = 533,900 barrels
- Range of tanks = 4,725–98,808 barrels

### » Marine Loading/Unloading

- Number of ship docks = 1 (35' MLW)
- Size of berths = 1,600' wharf, 107' from main wharf, 247' overall dock

### » Products

- CARB gas, CARB ULSD, ethanol, biodiesel, renewable diesel

### » Logistics

Inbound:

- Tanker/barge unloading
- KM 8" pipeline from Richmond Station
- Truck and rail ethanol offloading

Outbound:

- KM 8" pipeline to Richmond Station
- Truck rack
- Major roadways: I-580, I-80



### » Loading Racks

- Five-lane truck loading rack
- Toptech TMS6 rack automation
- Midgrade blending
- Ethanol storage and ratio rack blending
- CARB detergent additive systems
- Diesel red dye injection services

### » Other

- Diesel lubricity additive

# NORTHERN REGION TERMINALS

## Richmond Chemical Terminal

1140 Canal Blvd  
Richmond, CA 94804

Phone: (510) 412-8810  
Fax: (510) 232-9317

### » Specifications

- 10 acres
- Total storage capacity= 639,271 barrels
- Number of tanks= 136
- Range of tanks= 714–55,000 barrels

### » Marine Loading/Unloading

- Number of ship docks = 1 (38' MLW)
- Size of berths = 700'
- Land is available for expansion

### » Products

- Chemicals, oilseeds, lubes, waxes

### » Services

- Tank car loading/unloading
- Tank truck loading/unloading
- Tank truck weighing
- Laboratory testing
- Product heating
- Product blending



### » Additive Handling/Injection

- Nitrogen blanketing

### » Transportation Modes

- Servicing body of water= Santa Fe Harbor channel, San Francisco Bay
- Servicing railroad = BNSF
- Servicing major roadways = I-580

## Reno Terminal

301 E Nugget Ave  
Sparks, NV 89431

Phone: (775) 358-6971  
Fax: (775) 358-7018

### » Specifications

- 44 total acres
- 45 refined petroleum products tanks
- Total storage capacity = 748,400 barrels
- Range of tanks= 6,000–30,000 barrels

### » Products

- Conventional gas, EPA ULSD, turbine, biodiesel, ethanol

### » Logistics

Inbound:

- KM 6"/8"/10" Rocklin to Reno pipeline; Bay Area origin
- Truck and rail ethanol offloading

Outbound:

- Major roadway: I-80
- KM 6" pipeline to NAS Fallon
- Third-party connection to Reno Airport jet fuel pipeline

### » Loading Racks

- Seven truck loading racks
- Totech TMS6 rack automation
- Midgrade blending
- Ethanol storage and sequential rack blending
- EPA detergent additive systems
- Diesel red dye injection services

### » Other

- Diesel lubricity additive



# NORTHERN REGION TERMINALS

## San Jose Terminal

2150 Kruse Drive  
San Jose, CA 95131

Phone: (408) 435-7399  
Fax: (408) 434-0283

### » Specifications

- 20 total acres
- 32 refined petroleum products tanks
- Total storage capacity = 1,001,100 barrels
- Range of tanks = 10,000–100,000 barrels

### » Products

- CARB gas, CARB ULSD (B5), renewable diesel turbine, biodiesel, ethanol

### » Logistics

#### Inbound:

- KM 10" Concord to San Jose pipeline
- Ethanol and biodiesel truck offloading

#### Outbound:

- Major roadway: I-680
- Connection to San Jose Airport jet fuel pipeline



### » Loading Racks

- Seven truck loading racks
- Totech TMS6 rack automation
- Mid grade blending
- Ethanol storage and sequential rack blending
- Diesel detergent additive systems
- Diesel red dye injection services

### » Other

- Diesel lubricity additive

## Willbridge Terminal

5880 NW St Helens Rd  
Portland, OR 97210

Phone: (503) 220-1260  
Fax: (503) 220-1270

### » Specifications

- 44 acres
- Number of tanks = 40
- Total storage capacity = 1,551,000 barrels
- Range of tanks = 3,000–120,000 barrels

### » Marine Loading/Unloading

- Number of ship docks = 1 (38' MLW)
- Number of berths = 2 on Willamette River
- Size of berths = 695'

### » Products

- Gasoline, turbine, EPA ULSD, biodiesel, ethanol

### » Logistics

#### Inbound:

- Pipeline: From Olympic Pipeline and third-party terminals
- Tanker/barge unloading
- Tank car unloading (BNSF)
- Tank truck unloading

#### Outbound:

- Major roadway: US-30 (St Helens Rd)
- Tanker/barge loading
- Three-lane truck loading rack
- Pipeline service to SFPP Oregon line (Eugene) and Portland Airport



### » Services

- Mid grade blending
- Ethanol storage and sequential rack blending
- Detergent additive systems
- Diesel red dye injection services
- Biodiesel storage and rack blending (B5, B10, B15, B20)

### » Other

- Diesel lubricity additive

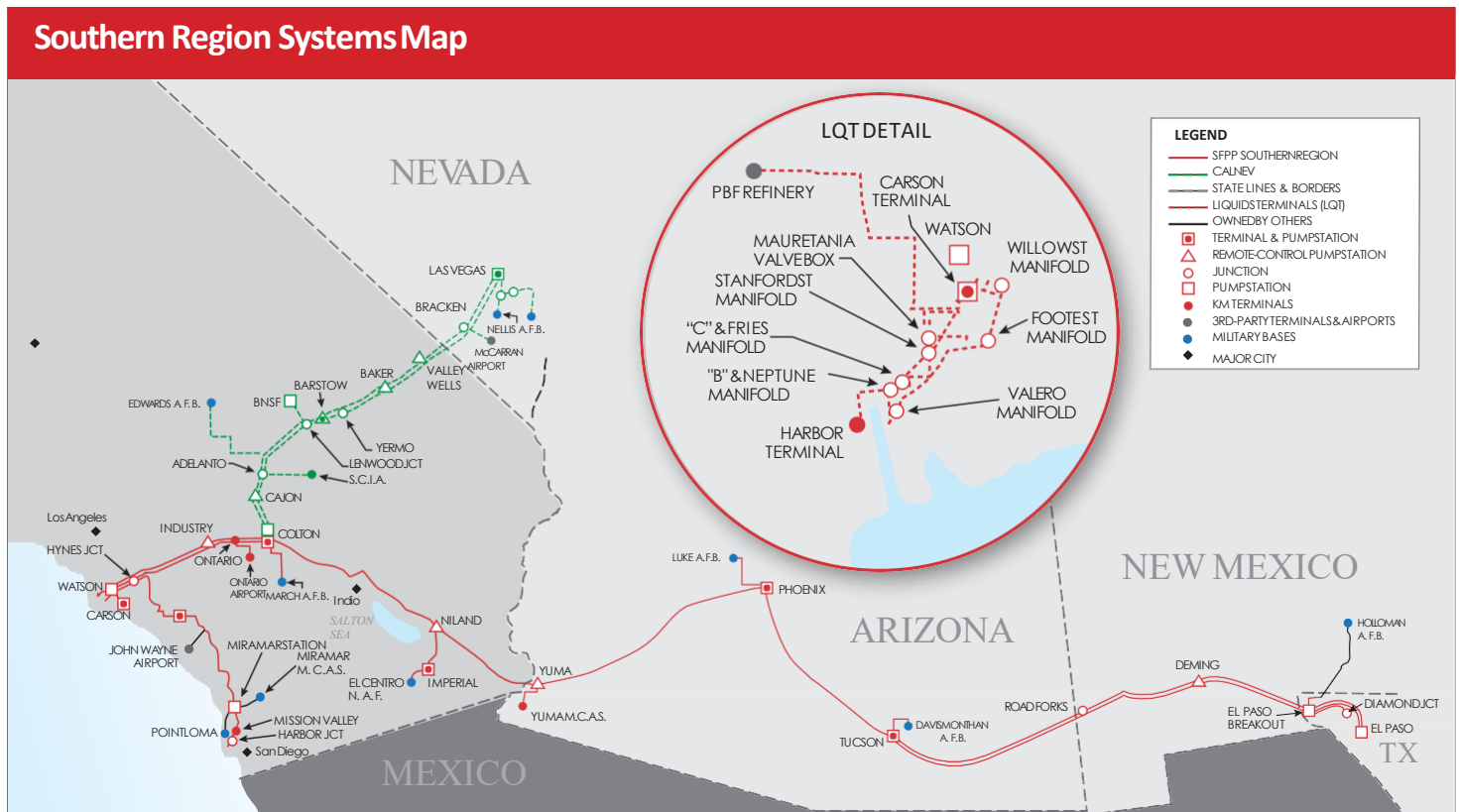


## Pacific Operations Southern Region

The Southern Region consists of a gathering system at Watson, California, that offers third-party terminal connectivity to multiple destinations in Southern California; Phoenix, Arizona; and Las Vegas, Nevada. Kinder Morgan's Carson, California, terminal provides third-party terminal outbound connectivity to the Watson Station via the Sepulveda Junction.

The El Paso, Texas, gathering system in the Southern Region connects third-party terminals to terminals in Phoenix and Tucson, Arizona.

Schematics for the gathering system, pipelines and terminals follow, along with specifications and services provided at each Kinder Morgan terminal.

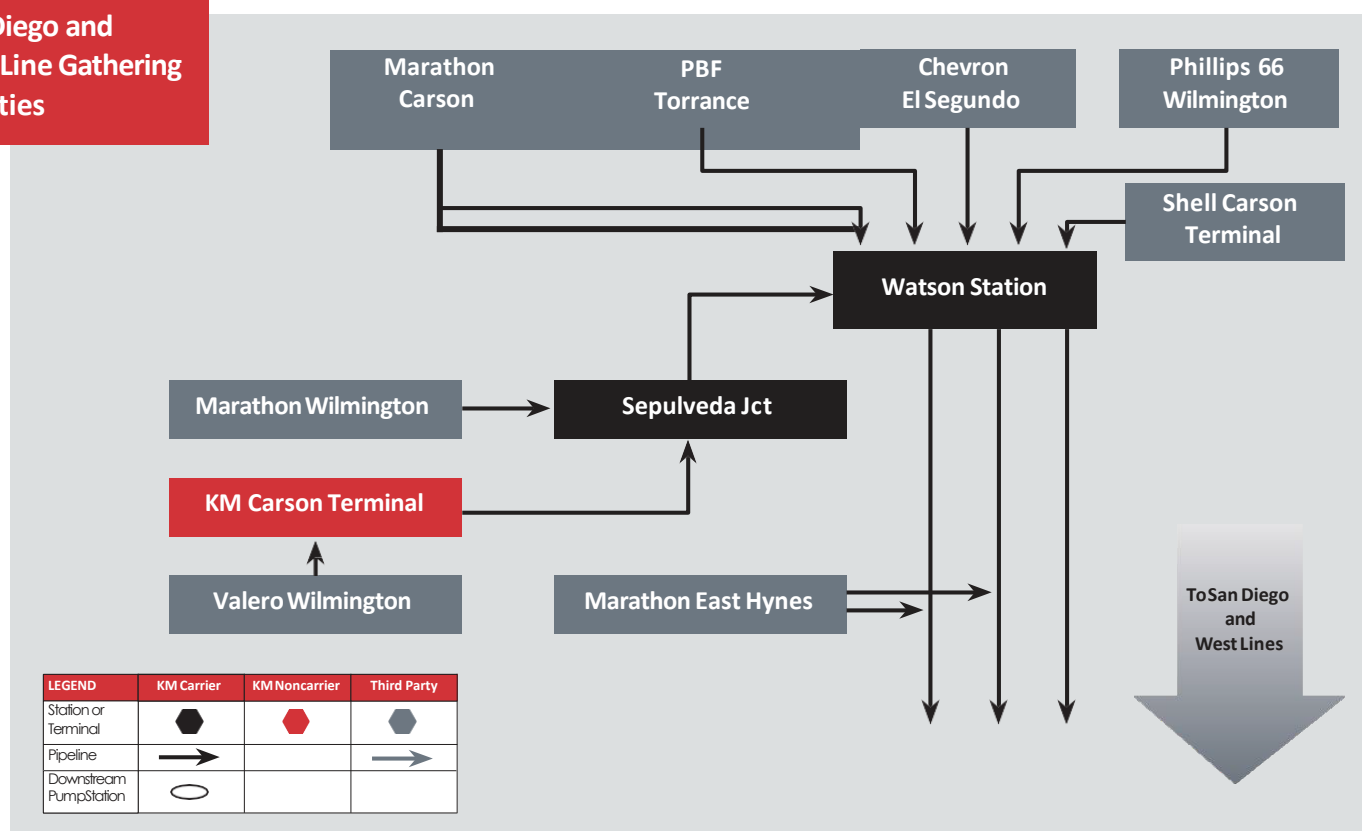


# SOUTHERN REGION | Gathering Facilities and Pipelines

## Southern Region Origins and Destinations

<b>West Line</b>	<b>Origin</b> <ul style="list-style-type: none"> <li>- Watson Station</li> <li>- Carson, CA terminal</li> <li>- East Hynes</li> </ul>	<b>Destination</b> <ul style="list-style-type: none"> <li>- Colton, CA</li> <li>- Imperial, CA</li> </ul>	<ul style="list-style-type: none"> <li>- Phoenix, AZ</li> <li>- Ontario, CA</li> </ul>
<b>East Line</b>	<b>Origin</b> <ul style="list-style-type: none"> <li>- El Paso Station</li> </ul>	<b>Destination</b> <ul style="list-style-type: none"> <li>- Tucson, AZ</li> <li>- Phoenix, AZ</li> </ul>	<ul style="list-style-type: none"> <li>- Road Forks, NM</li> </ul>
<b>San Diego Line</b>	<b>Origin</b> <ul style="list-style-type: none"> <li>- Watson Station</li> <li>- Carson, CA terminal</li> <li>- East Hynes</li> </ul>	<b>Destination</b> <ul style="list-style-type: none"> <li>- Orange, CA</li> <li>- Mission Valley, CA</li> </ul>	<ul style="list-style-type: none"> <li>- San Diego, CA</li> <li>- John Wayne Airport</li> </ul>
<b>Calnev Line</b>	<b>Origin</b> <ul style="list-style-type: none"> <li>- Carson, CA Terminal</li> <li>- Watson Station</li> </ul>	<b>Destination</b> <ul style="list-style-type: none"> <li>- Barstow, CA</li> <li>- Las Vegas, NV</li> </ul>	<ul style="list-style-type: none"> <li>- Harry Reid Airport</li> </ul>
<b>Other Southern Region Terminals</b>	<b>Origin</b> <ul style="list-style-type: none"> <li>- Berth 118</li> <li>- Third-party Terminals</li> </ul>	<b>Destination</b> <ul style="list-style-type: none"> <li>- Carson Terminal</li> </ul>	

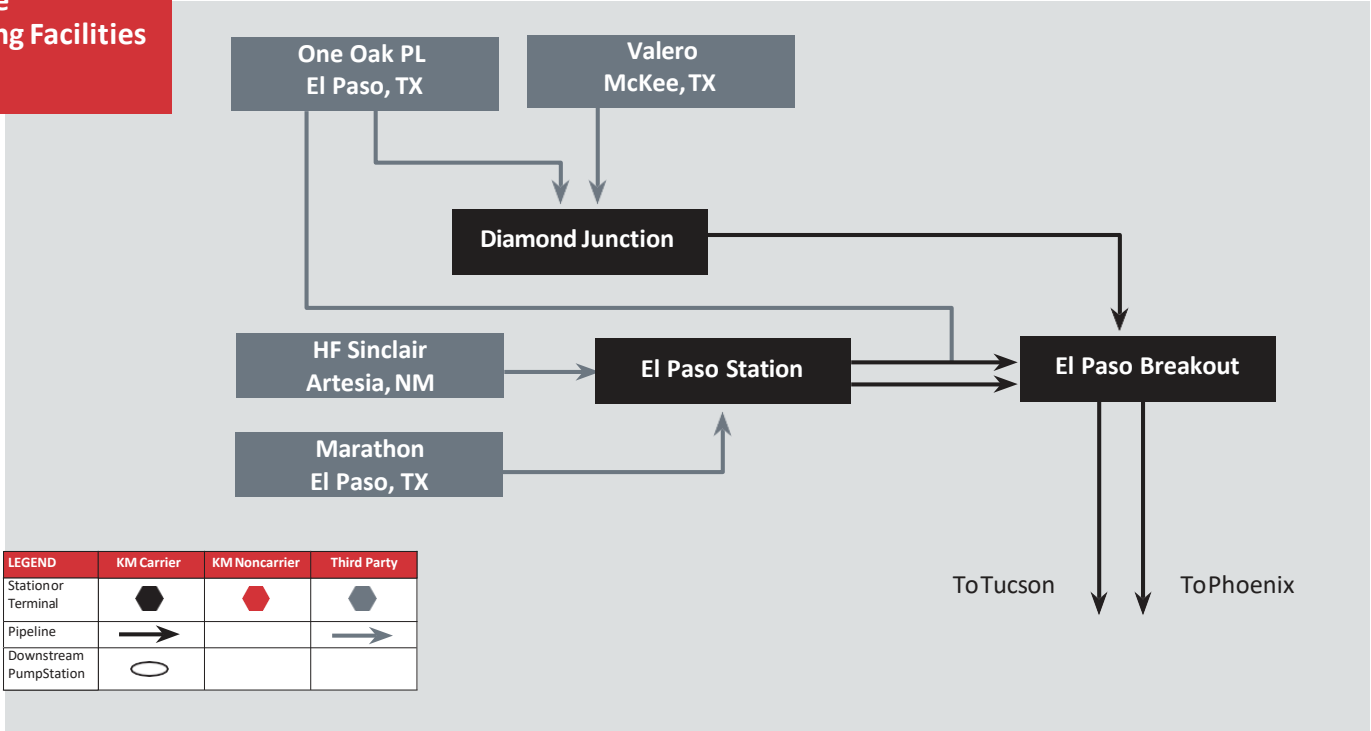
## San Diego and West Line Gathering Facilities



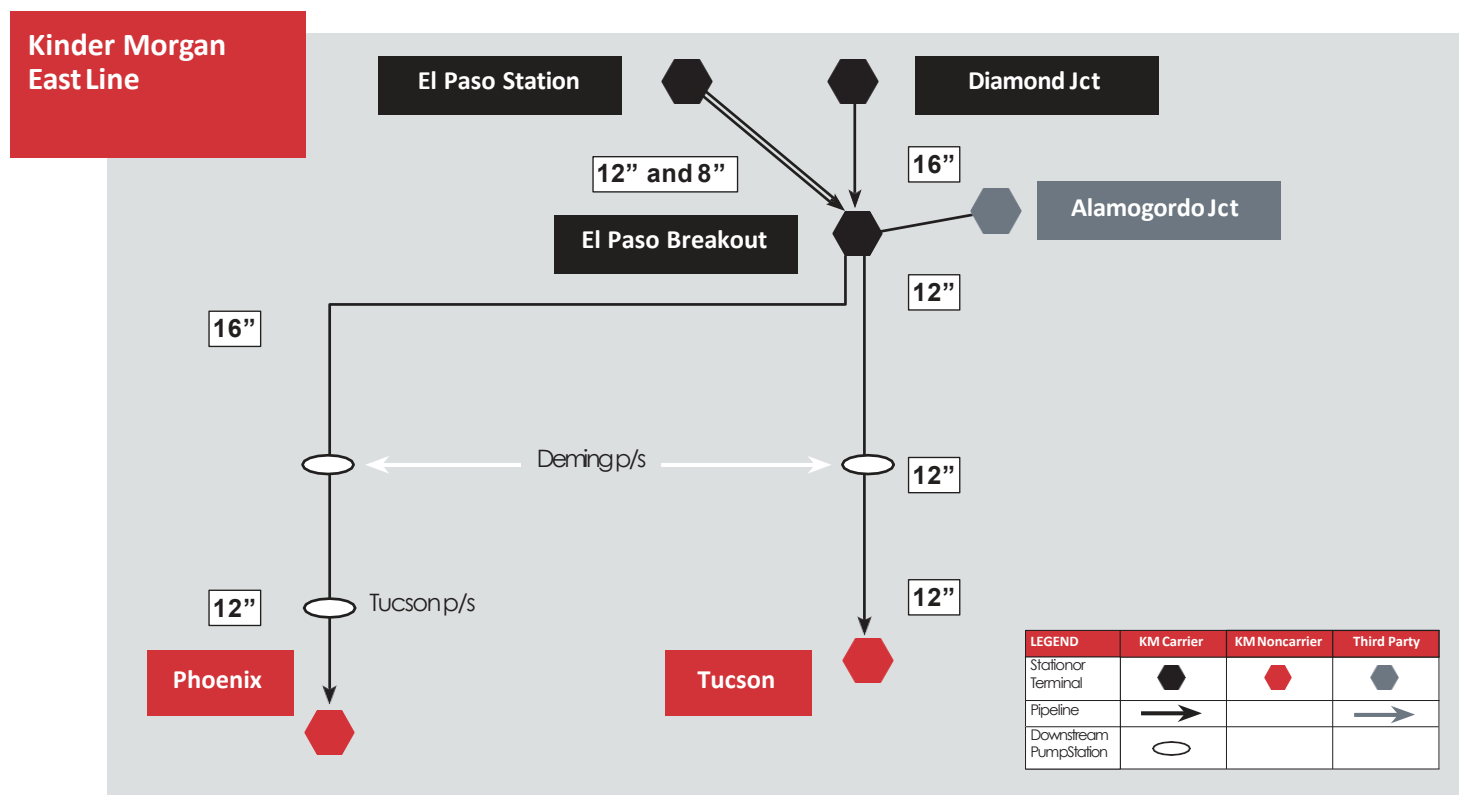
# SOUTHERN REGION | Gathering Facilities and Pipelines



## East Line Gathering Facilities



# SOUTHERN REGION | Gathering Facilities and Pipelines



## ORIGINS

El Paso, TX	Input for El Paso suppliers to El Paso breakout
Diamond Jct	Input for Texas Panhandle and East Texas suppliers gathering line to El Paso breakout
El Paso Breakout	Input for East Lines

## DESTINATIONS

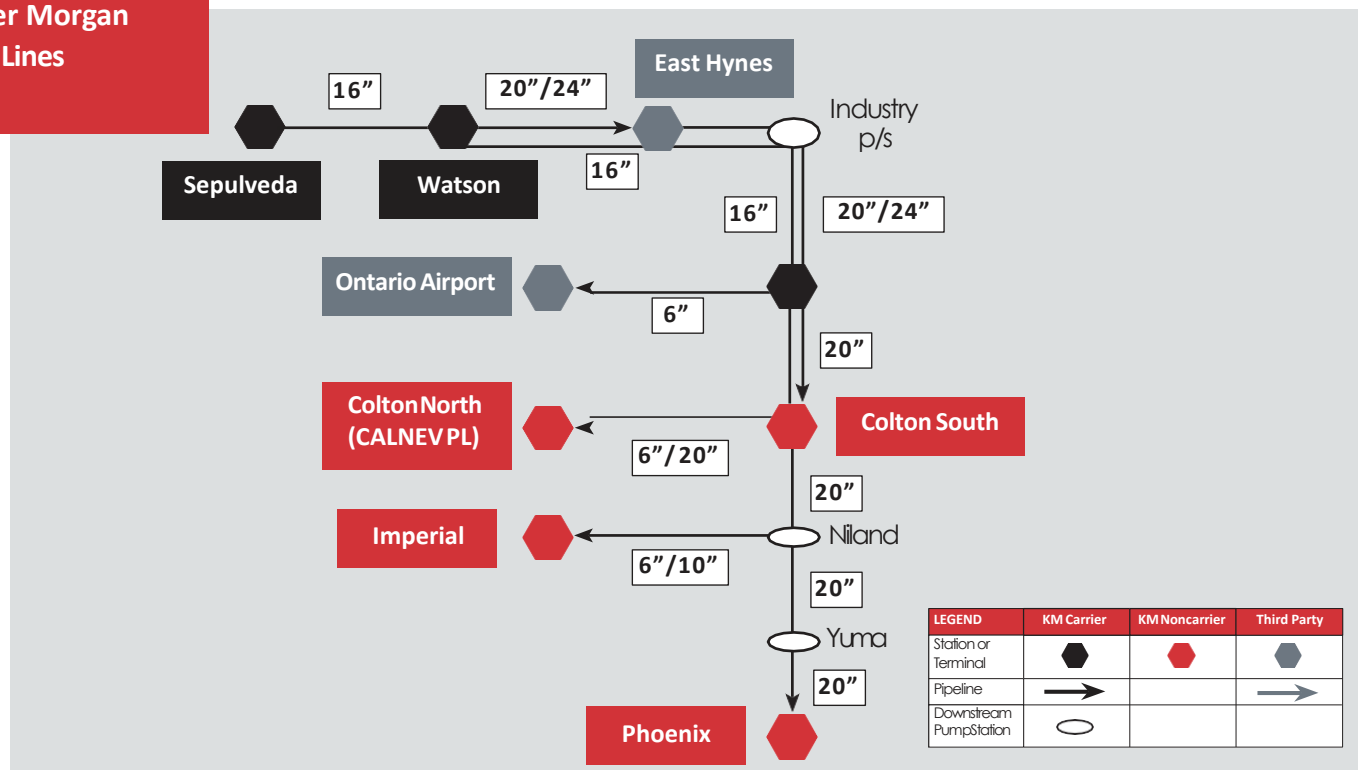
Tucson, AZ	Deliveries to KM	Gasoline, diesel, jet fuel, Mexican export grades
Phoenix, AZ	Deliveries to KM and third party terminals; third-party connecting pipeline for jet fuel to Sky Harbor Airport	Gasoline, diesel, jet fuel

### Notes:

- » Lines are operated by SFPP, LP
- » Service via 12" line from El Paso breakout to Tucson
- » Service via 16" line from El Paso breakout to Phoenix
- » Breakout facilities at El Paso breakout
- » 16" line does not deliver to Tucson

# SOUTHERN REGION TERMINALS

## Kinder Morgan West Lines



## ORIGINS

<b>Sepulveda PL</b>	Gathering line to Watson; additional tariffs apply
<b>Watson</b>	Via gathering lines into breakout facility; West Line origin
<b>East Hynes</b>	West Line injection point for third-party facility

## DESTINATIONS

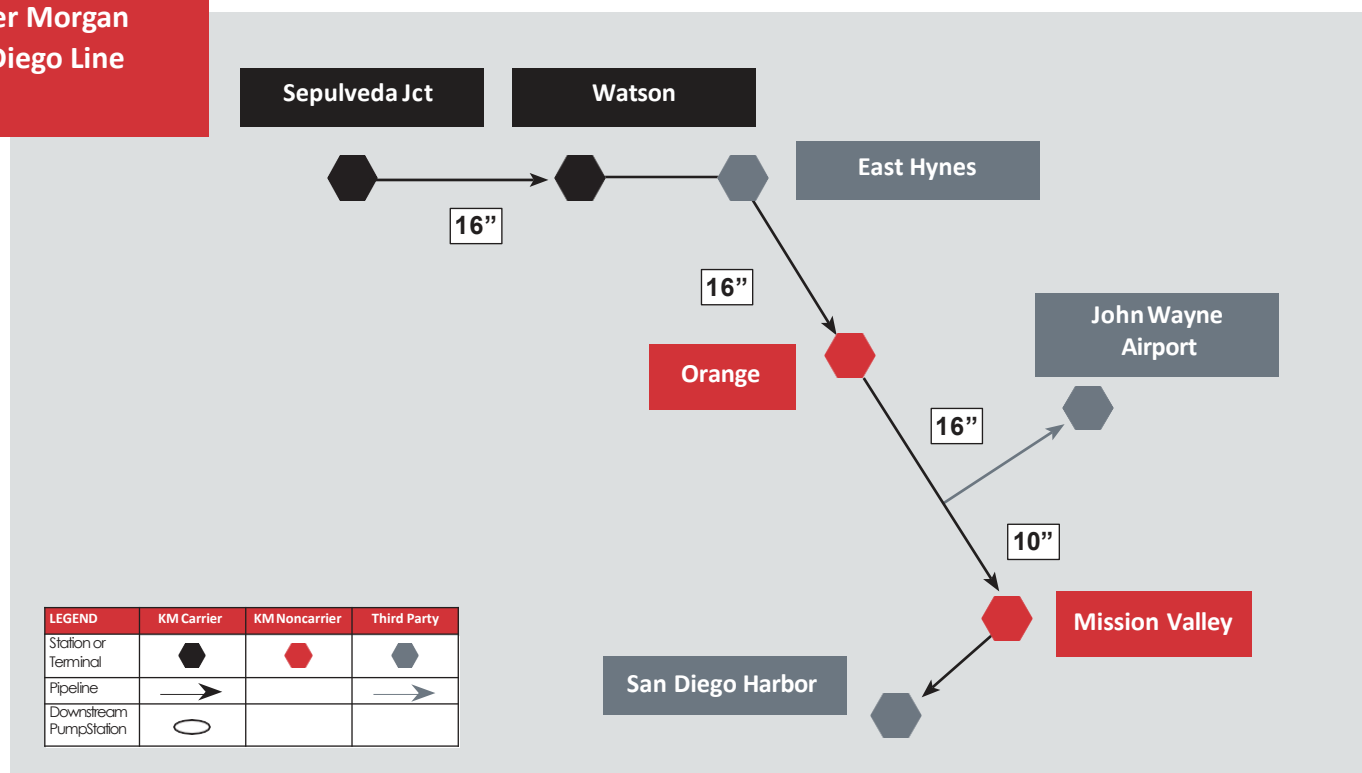
<b>East Hynes</b>	Deliveries to third-party terminal	Gasoline, diesel, jet fuel
<b>Ontario Airport</b>	Deliveries into airport storage	Jet fuel
<b>Colton</b>	Deliveries to KM and third-party terminals; breakout facilities for SFPP West Line; connection point for CALNEV pipeline	Gasoline, diesel, jet fuel and renewable diesel
<b>Imperial</b>	KM terminal	Gasoline, diesel
<b>Phoenix</b>	Deliveries to KM and third-party terminals; Third-party connecting pipeline to Sky Harbor Airport	Gasoline, diesel, jet fuel

### Notes:

- » Lines are operated by SFPP, LP
- » Service from East Hynes via 20"/24" line and connection at Colton
- » Service from Sepulveda Jct via SFPP pipeline
- » Service via 20"/24" line from Watson to Ontario and Colton
- » Service via 16" pipeline to CALNEV pipeline
- » Breakout facilities at Niland for Imperial

# SOUTHERN REGION | Gathering Facilities and Pipelines

## Kinder Morgan San Diego Line



### ORIGINS

<b>Sepulveda PL</b>	Gathering line to Watson; additional tariffs apply
<b>Watson</b>	Via gathering lines into breakout facility; San Diego line origin
<b>East Hynes</b>	San Diego line injection point for third-party facility

### DESTINATIONS

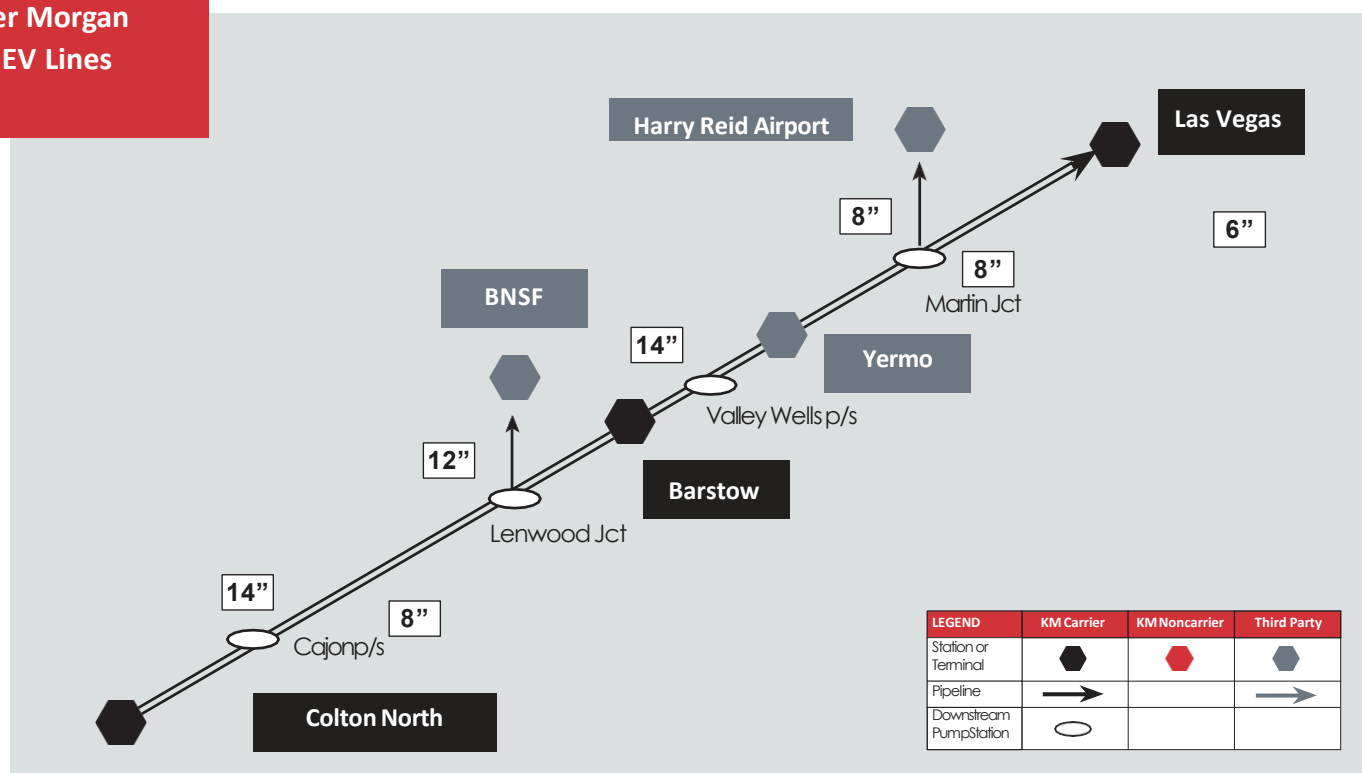
<b>Orange</b>	KM terminal	Gasoline, diesel
<b>Mission Valley</b>	KM terminal	Gasoline, diesel, and renewable diesel
<b>San Diego Harbor</b>	Third-party terminals; connecting pipeline to San Diego Airport	Gasoline, diesel, jet fuel
<b>John Wayne Airport (Orange County)</b>	Third party connecting pipeline to John Wayne Airport	Jet fuel

#### Notes:

- » Lines are operated by SFPP, LP
- » Service from Sepulveda Jct via SFPP pipeline, and the intrastate tariff applies

# SOUTHERN REGION | Gathering Facilities and Pipelines

## Kinder Morgan CALNEV Lines



### ORIGINS

<b>Sepulveda PL (SFPP)</b>	Connecting line to Watson; additional tariffs apply
<b>Watson (SFPP)</b>	Via gathering lines into breakout facility; West Line origin; CALNEV origin
<b>East Hynes (SFPP)</b>	West Line injection point for third-party facility; CALNEV origin

### DESTINATIONS

<b>Lenwood Jct, CA</b>	Deliveries to third-party terminal	Diesel
<b>Barstow Terminal, CA</b>	Deliveries to KM and third-party terminals	Gasoline, diesel
<b>Yermo, CA</b>	Deliveries to railroad yard	Diesel
<b>Harry Reid Airport, NV</b>	Deliveries to airport storage	Jet fuel
<b>Las Vegas, NV</b>	Deliveries to KM and third-party terminals	Gasoline, diesel, jet fuel

#### Notes:

- » From origins to Colton, pipelines operated by SFPP, LP
- » From Colton North to destinations, pipelines operated by CALNEV Pipe Line, LLC
- » CALNEV Pipe Line, LLC 14" pipeline carries multiple products
- » CALNEV 8" pipeline carries jet fuel only
- » Jet fuel deliveries to Las Vegas terminal for transshipment to McCarran Airport only



# SOUTHERN REGION TERMINALS

## Barstow Terminal

34277 Dagget-Yermo Rd  
Dagget, CA 92327

Phone: (760) 254-2616  
Fax: (760) 254-2446

### » Specifications

- 43 total acres
- 12 refined petroleum products tanks
- Total storage capacity = 165,600 barrels
- Range of tanks = 3,000–17,500 barrels

### » Products

- CARB gas, CARB ULSD, ethanol, renewable diesel, biodiesel

### » Logistics

Inbound:

- KM 14" CALNEV Colton to Las Vegas pipeline
- Ethanol truck offloading

Outbound:

- Major roadways: I-15, I-40

### » Loading Racks

- Two truck loading racks
- Toptech TMS6 rack automation
- Midgrade blending
- Ethanol storage and sequential rack blending
- CARB detergent additive systems
- Diesel red dye injection services

### » Other

- Diesel lubricity additive



## Carson Terminal

2000 E Sepulveda Blvd  
Carson, CA 90810

Phone: (310) 518-7700  
Fax: (310) 549-5708

### » Specifications

- 100 acres
- Number of tanks = 63
- Total storage capacity = 5,705,000 barrels
- Range of tanks = 9,000–178,000 barrels

### » Marine Loading/Unloading

- Number of ship docks = 1 (31' MLW)
- Berth 118; Port of Los Angeles
- Size of berths = 800'
- Number of barge docks = 1

### » Products

- Crude Oil, gasoline, turbine, diesel, gasoline blending components, ethanol, renewable diesel and refinery feedstocks

### » Logistics

Inbound:

- Pipelines from terminals and refineries - Tanker/barge unloading

Outbound:

- Major roadways: I-405, I-110, I-710
- KM origin for West and South lines
- Tanker/barge loading
- Ten-lane truck loading rack
- Pipeline service to local refineries



### » Services

- Toptech TMS6 truck rack
- CARB detergent additive systems
- Diesel red dye injection services
- Detergent community additive
- Diesel lubricity additive
- Ethanol storage and rack injection

# SOUTHERN REGION TERMINALS

## Colton Terminal

2359 South Riverside Ave  
Bloomington, CA 92316

Phone: (909) 877-2141  
Fax: (909) 877-5549

### » Specifications

- 82 total acres
- 39 refined petroleum products tanks
- Total storage capacity = 1,373,000 barrels
- Range of tanks = 5,000–92,000 barrels

### » Products

- CARB gas, CARB ULSD (B5), renewable diesel, biodiesel, ethanol

### » Logistics

#### Inbound:

- KM 16" multi products pipeline from Watson area to CALNEV
- KM 20"/24" multi products pipeline from Watson area
- Ethanol truck off loading
- Transmix truck off loading
- Biodiesel truck off loading

#### Outbound:

- Major roadways: I-10, I-215
- 20" multi products pipeline to CALNEV, Imperial and Phoenix
- KM 6" military pipeline to March AFB

### » Loading Racks

- Seven truck loading racks
- Toptech TMS6 rack automation
- Midgrade gasoline blending
- Ethanol storage and sequential rack blending
- CARB detergent additive systems
- Diesel red dye injection services
- Renewable Diesel rack blending with Biodiesel (R95/B5, R90/B10, R80/B20)

- » Other - Adjacent transmix processing facility - Diesel lubricity additive



## Imperial Terminal

345 West Aten Rd  
Imperial, CA 92251

Phone: (760) 352-0677  
Fax: (760) 352-4358

### » Specifications

- 13 total acres
- Total storage capacity = 459,000 barrels
- 27 refined petroleum products tanks
- Range of tanks = 10,000–43,000 barrels

### » Products

- CARB gas, EPA ULSD, CARB ULSD, ethanol

### » Logistics

#### Inbound:

- KM 6"/10" Niland to Imperial lateral (Watson area origin)
- Ethanol truck loading

#### Outbound:

- Major roadways: I-8, CA-86
- KM 4" pipeline to Naval Air Facility (NAF) El Centro

### » Loading Racks

- Three truck loading racks
- Toptech TMS6 rack automation
- Mid grade blending
- Ethanol storage and sequential rack blending
- CARB detergent additive systems
- Diesel red dye injection services

### » Other

- Diesel lubricity additive



# SOUTHERN REGION TERMINALS

## Las Vegas Terminal

5049 N Sloan Lane  
Las Vegas, NV 89115

Phone: (702) 644-3943  
Fax: (702) 644-2236

### » Specifications

- 66 total acres
- 39 refined petroleum products tanks
- Total storage capacity= 1,163,700 barrels
- Range of tanks = 3,000–96,000 barrels

### » Products

- EPA gas, EPA ULSD, turbine, ethanol

### » Logistics

#### Inbound:

- KM 14" Colton to Las Vegas pipeline
- KM 8" Colton to Las Vegas turbine line
- Ethanol rail offloading

#### Outbound:

- Major roadways: I-15
- KM 8" pipeline to Nellis Air Force Base (AFB)
- KM 8" pipeline to Martin Jct and Harry Reid Airport

### » Loading Racks

- Fifteen-lane truck loading rack
- Top tech TMS6 rack automation
- Midgrade blending
- Ethanol storage and sequential rack blending
- EPA detergent additive systems
- Diesel red dye injection services

### » Other

- Diesel lubricity additive



## Lomita Rail Terminal

24710 Wilmington Ave.  
Carson, CA 90745

Phone: (310) 233-7600

### » Specifications

- 7 total acres
- Capacity for 110 car unit trains

### » Products

- Ethanol

### » Logistics

#### Inbound:

- Ethanol rail offloading

#### Outbound:

- Pipeline to Shell Southern California Distribution Complex

### » Other

- Sampling services provided





# SOUTHERN REGION TERMINALS

## Mission Valley Terminal

9950 San Diego Mission Rd  
San Diego, CA 92108

Phone: (619) 283-6511  
Fax: (619) 283-3120

### » Specifications

- 66 total acres
- 24 refined petroleum products tanks
- Total storage capacity = 680,400 barrels
- Range of tanks = 8,000–100,000 barrels

### » Products

- CARB gas, renewable diesel, CARB ULSD (B5), biodiesel, ethanol

### » Logistics

Inbound:

- KM 16"/10" Watson to San Diego pipeline (intermediate delivery)
- Ethanol and biodiesel truck offloading

Outbound:

- Major roadways: I-5, I-8, I-805

### » Loading Racks

- Six truck loading racks
- Toptech TMS6 rack automation
- Midgrade blending
- Ethanol storage and sequential rack blending
- CARB detergent additive systems
- Diesel red dye injection services

### » Other

- Diesel lubricity additive



## Orange Terminal

1350 N Main St  
Orange, CA 92667

Phone: (714) 538-5227  
Fax: (714) 538-0207

### » Specifications

- 10 total acres
- 9 refined petroleum products tanks
- Total storage capacity = 216,600 barrels
- Range of tanks = 20,000–50,000 barrels

### » Products

- CARB gas, CARB ULSD, ethanol

### » Logistics

Inbound:

- KM 16"/10" Watson to San Diego pipeline (intermediate delivery)
- Ethanol truck offloading

Outbound:

- Major roadways: I-5, CA-57

### » Loading Racks

- Two truck loading racks
- Toptech TMS6 rack automation
- Mid grade blending
- Ethanol storage and sequential rack blending
- CARB detergent additive systems
- Diesel red dye injection services

### » Other

- Diesel lubricity additive



# SOUTHERN REGION TERMINALS

## Phoenix Terminal

49 North 53rd Ave  
Phoenix, AZ 85043

Phone: (602) 278-8564  
Fax: (602) 269-8518

### » Specifications

- 83 total acres
- 61 refined petroleum products tanks
- Total storage capacity= 1,956,200 barrels
- Range of tanks = 10,000–90,000 barrels

### » Products

- Conventional gas, AZCBG gas, EPA ULSD, turbine, biodiesel, ethanol

### » Logistics

Inbound:

- KM20" Colton to Phoenix pipeline;  
Watson area origin
- KM 12"/16" El Paso to Phoenix pipeline
- Truck and rail ethanol off loading

- Biodiesel rail offloading

Outbound:

- Major roadways: I-10
- KM 6" pipeline to Luke AFB
- Connection to Sky Harbor Airport jet fuel pipeline



### » Loading Racks

- Eleven truck loading racks
- Toptech TMS6 rack automation
- Mid grade blending
- Ethanol storage and sequential rack blending
- EPA detergent additive systems
- Diesel red dye injection services

### » Other

- Diesel lubricity additive

## Tucson Terminal

3841 E Refinery Way  
Tucson, AZ 85713

Phone: (520) 514-1065  
Fax: (520) 790-3396

### » Specifications

- 160 total acres
- 44 refined petroleum products tanks
- Total storage capacity = 1,080,000 barrels
- Range of tanks = 6,000–80,000 barrels

### » Products

- Conventional gas, EPA ULSD, turbine, ethanol, Mexican export products (gas and diesel)

### » Logistics

Inbound:

- KM 12" El Paso to Tucson pipeline
- Truck and rail ethanol off loading

Outbound:

- Major roadways: I-10
- KM 6" pipeline to Davis Monthan AFB



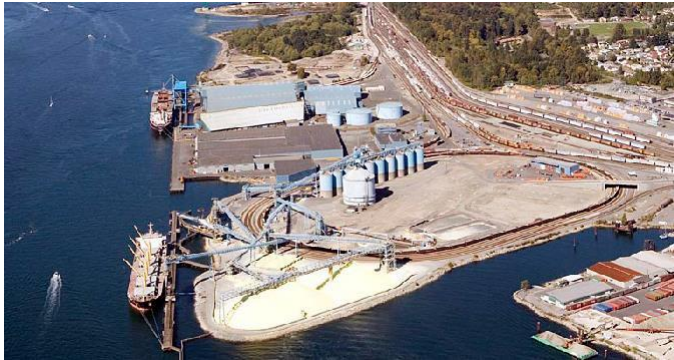
### » Loading Racks

- Six truck loading racks
- Toptech TMS6 rack automation
- Mid grade blending
- Ethanol storage and sequential rack blending
- EPA detergent additive system
- Diesel red dye injection services

### » Other

- Diesel lubricity additive

# CONNECTING PIPELINES



KM CONNECTION LOCATION	KM ORIGINATING PIPELINE	CONNECTING PIPELINE	DESTINATION
West CapitolJct	North Line	Wickland	Sacramento Airport
San JoseTeminal	San Jose Line	Wickland	San Jose Airport
RenoTerminal	North Line	Buckeye	Reno Airport
Tustin Take Off	San Diego Line	Wickland	John Wayne Airport
San Diego Harbor	San Diego Line	Buckeye	San Diego Airport
Phoenix	East Line West Line	AFFC	Sky Harbor Airport

For more information, please visit  
[www.kindermorgan.com/pages/business/products\\_pipelines/pacific\\_operations.aspx](http://www.kindermorgan.com/pages/business/products_pipelines/pacific_operations.aspx)

