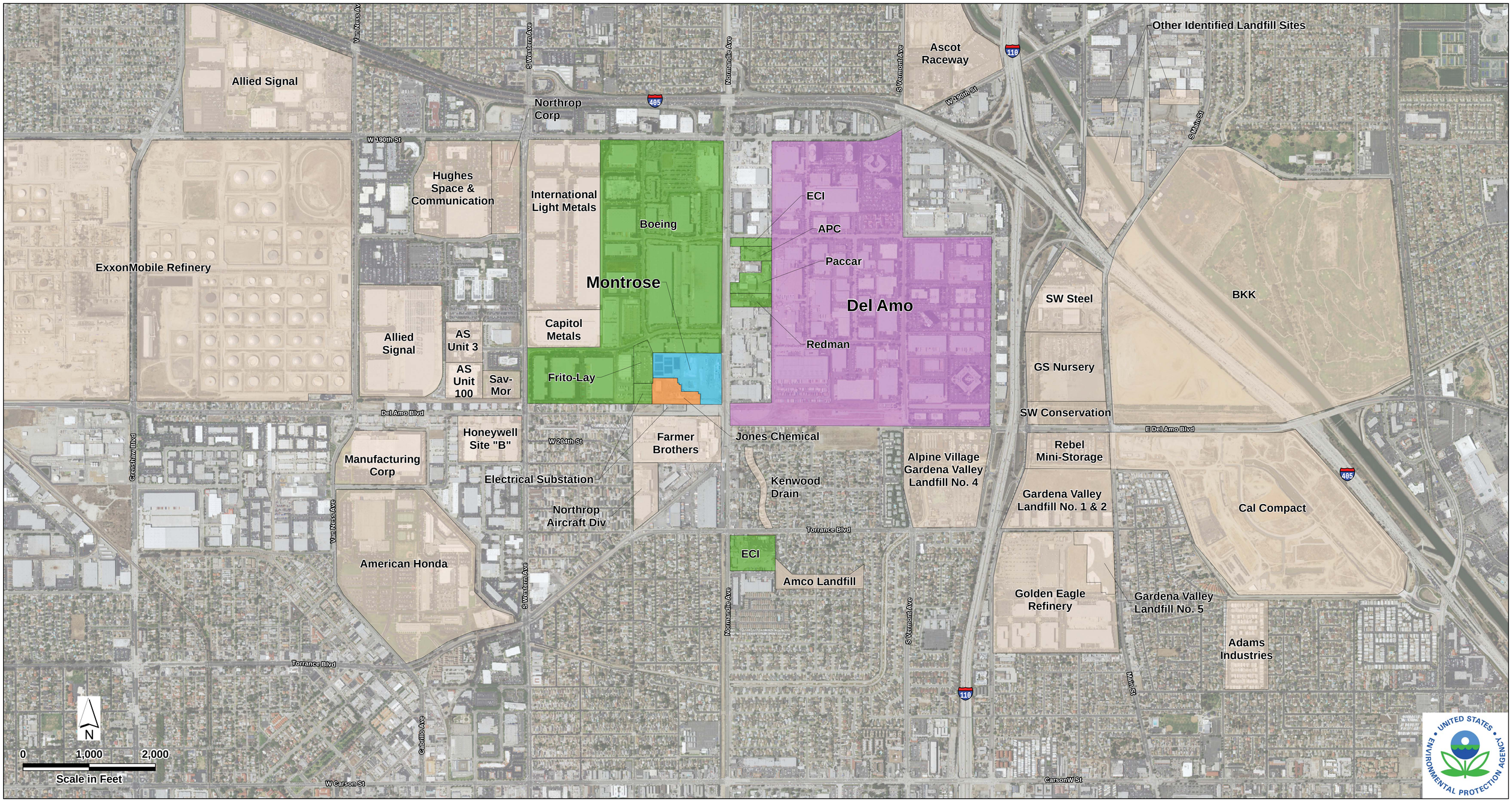
Facility Map
Dual Site Groundwater Operable Unit
Montrose and Del Amo Superfund Sites



MONTROSE TREATMENT SYSTEM

Contaminated Groundwater from Wells

Arsenic occurs naturally in parts of the aquifer
Arsenic treatment if needed

Treatment System

HiPOx
pCBSA Treatment

Air Stripping
VOC Treatment

Liquid Carbon Filter
More VOC Treatment

Mineral Filter
Minerals not hazardous, removed for reinjection to aquifer

VOC (Volatile Organic Compound): Chlorobenzene, Benzene, TCE etc.

Vapor Carbon Filter
VOC Removal

To Outside Air

Treated Water Returned to Aquifer

PLANTA DE TRATAMIENTO MONTROSE

Agua Subterránea Contaminada (de los Pozos)

Arsénico se encuentra naturalmente en partes del agua subterránea
Tratamiento de arsénico si es necesario

Planta de tratamiento

HiPOx
Tratamiento pCBSA

Extracción Con Aire
Tratamiento de COVs

Filtro de Carbón en liquido
Más tratamiento de COVs

Filtro de Minerales
Minerales no son peligrosos, extraídos antes de que se reinyecten al agua subterránea

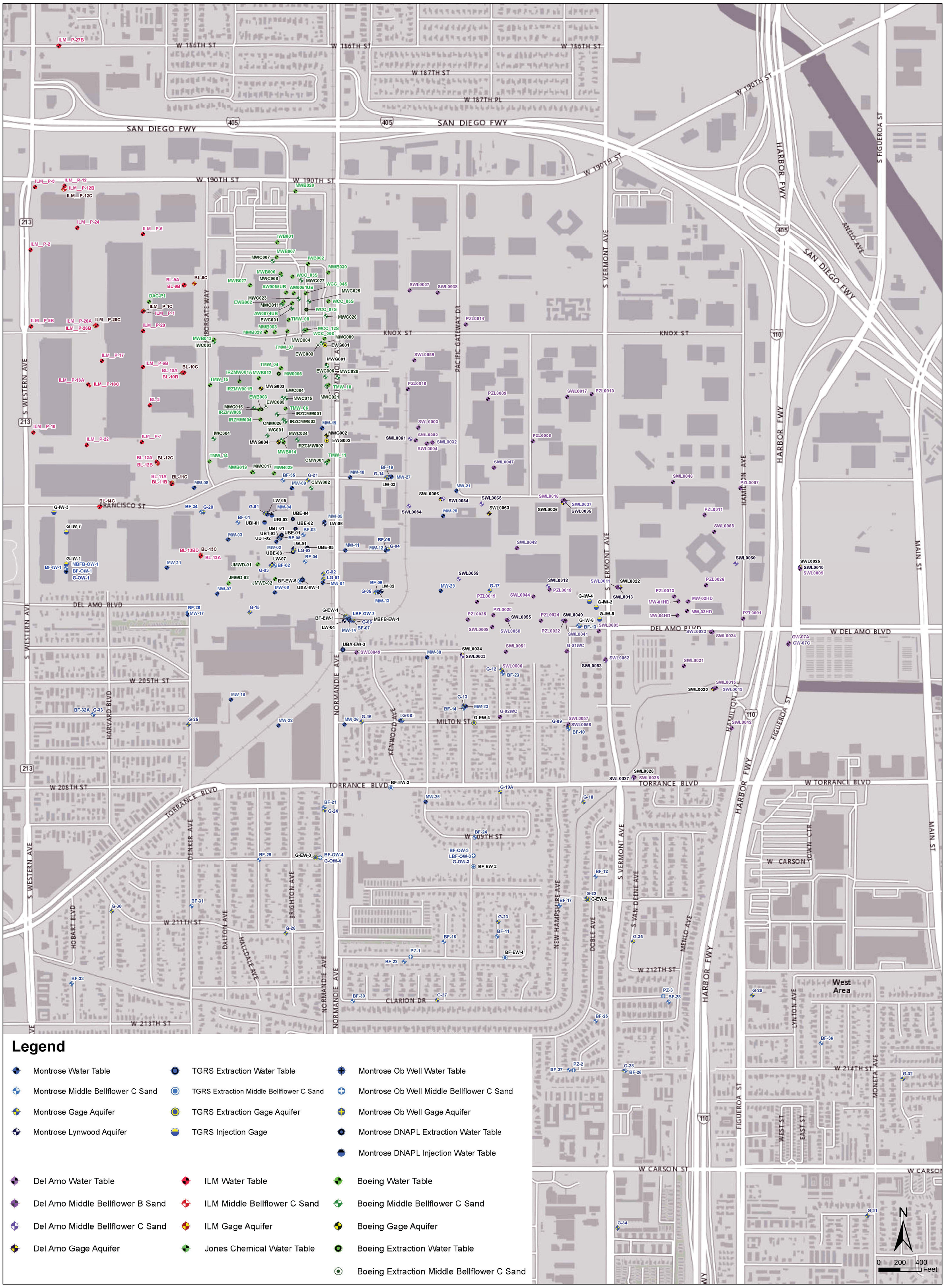
COV (Compuesto Orgánico Volátil): Clorobenceno, Benceno, TCE, entre otros.

Filtro de Carbón en vapor
Tratamiento de COVs

Al Aire Libre

Agua tratada es regresada al agua subterránea

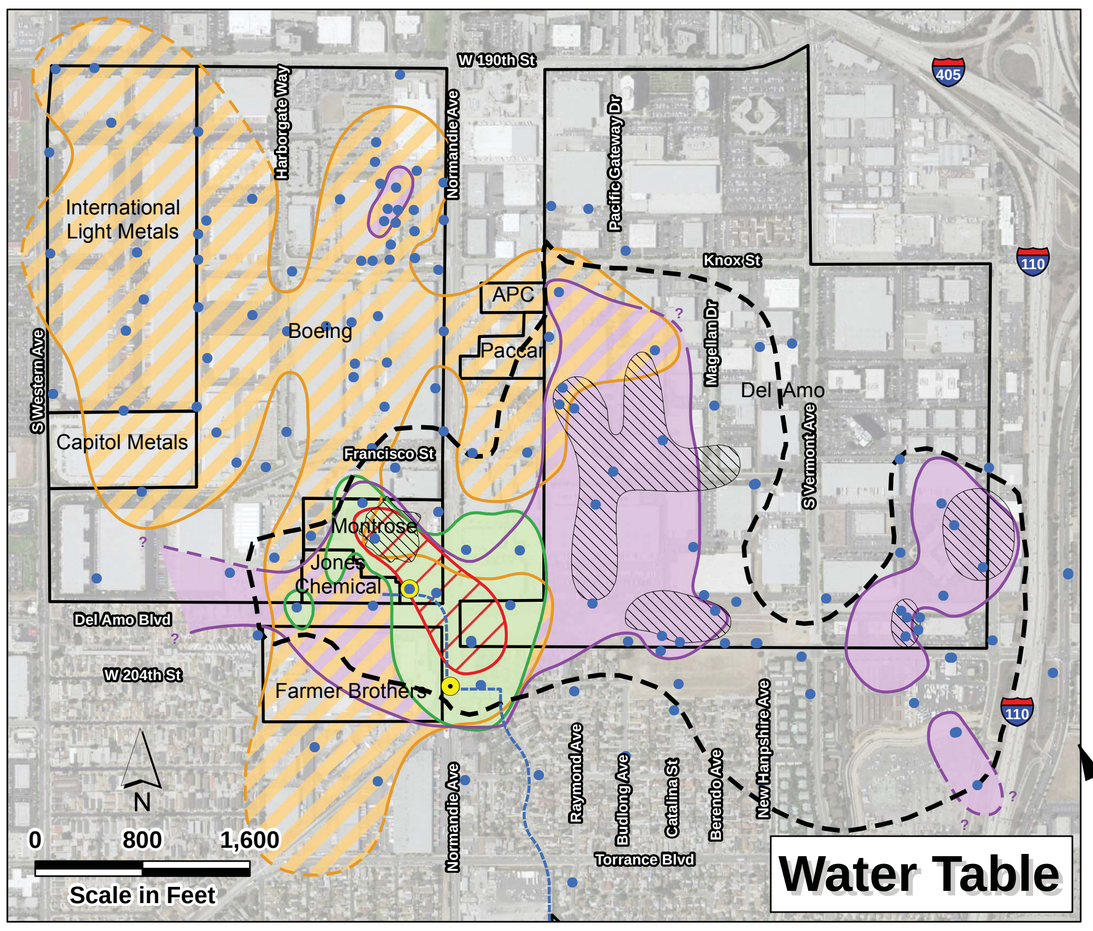
Monitoring Well Network
Dual Site Groundwater Operable Unit
Montrose and Del Amo Superfund Sites



Legend

- Montrose Water Table
- Montrose Middle Bellflower C Sand
- Montrose Gage Aquifer
- Montrose Lynwood Aquifer
- TGRS Extraction Water Table
- TGRS Extraction Middle Bellflower C Sand
- TGRS Extraction Gage Aquifer
- TGRS Injection Gage
- Montrose Ob Well Water Table
- Montrose Ob Well Middle Bellflower C Sand
- Montrose Ob Well Gage Aquifer
- Montrose DNAPL Extraction Water Table
- Montrose DNAPL Injection Water Table
- Del Amo Water Table
- Del Amo Middle Bellflower B Sand
- Del Amo Middle Bellflower C Sand
- Del Amo Gage Aquifer
- ILM Water Table
- ILM Middle Bellflower C Sand
- ILM Gage Aquifer
- Jones Chemical Water Table
- Boeing Water Table
- Boeing Middle Bellflower C Sand
- Boeing Gage Aquifer
- Boeing Extraction Water Table
- Boeing Extraction Middle Bellflower C Sand

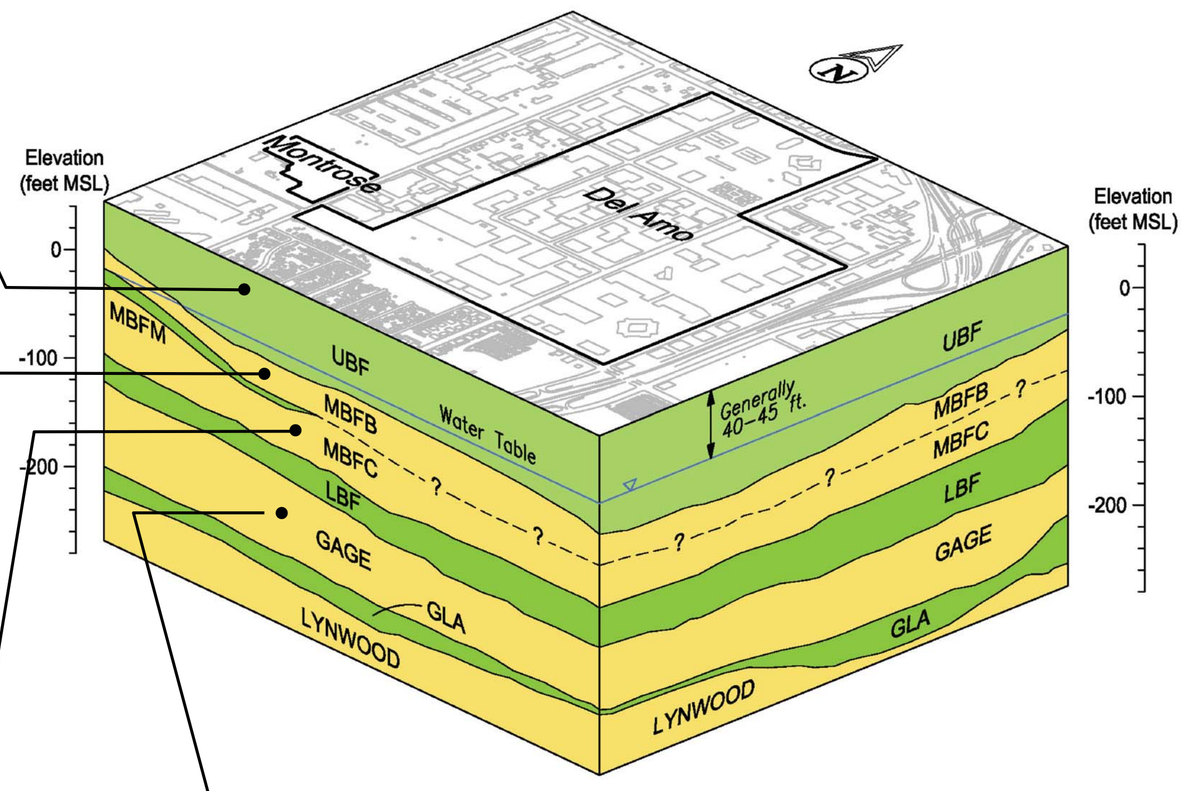
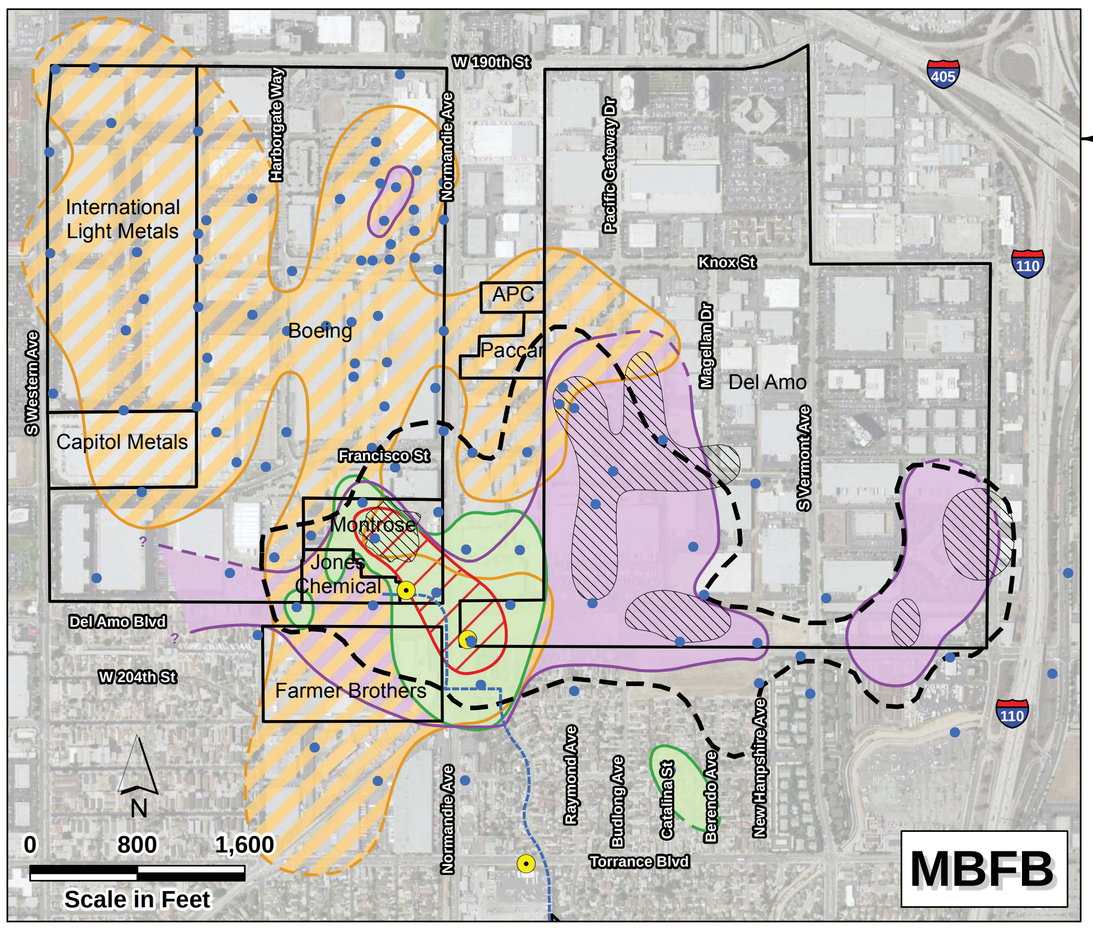
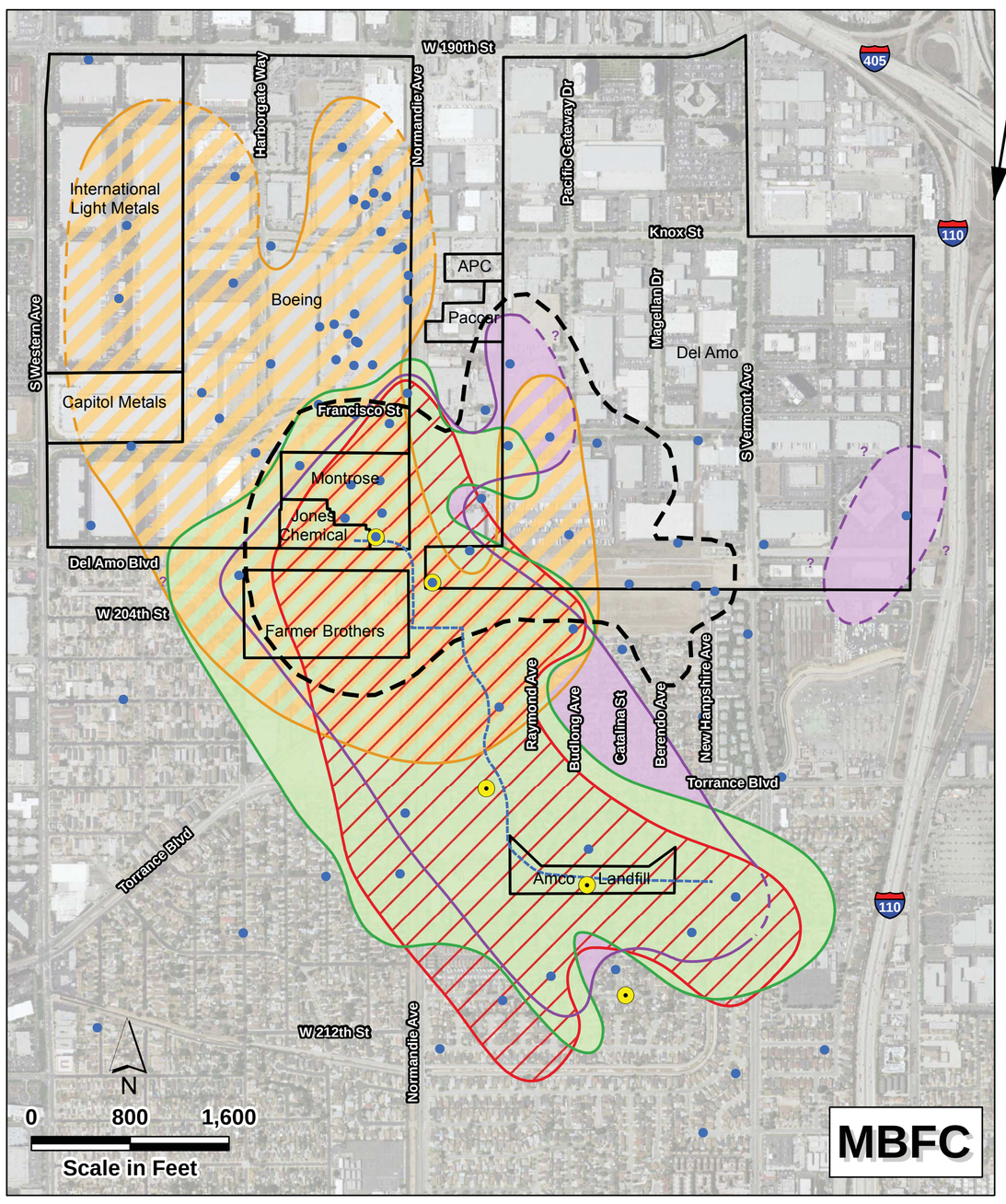
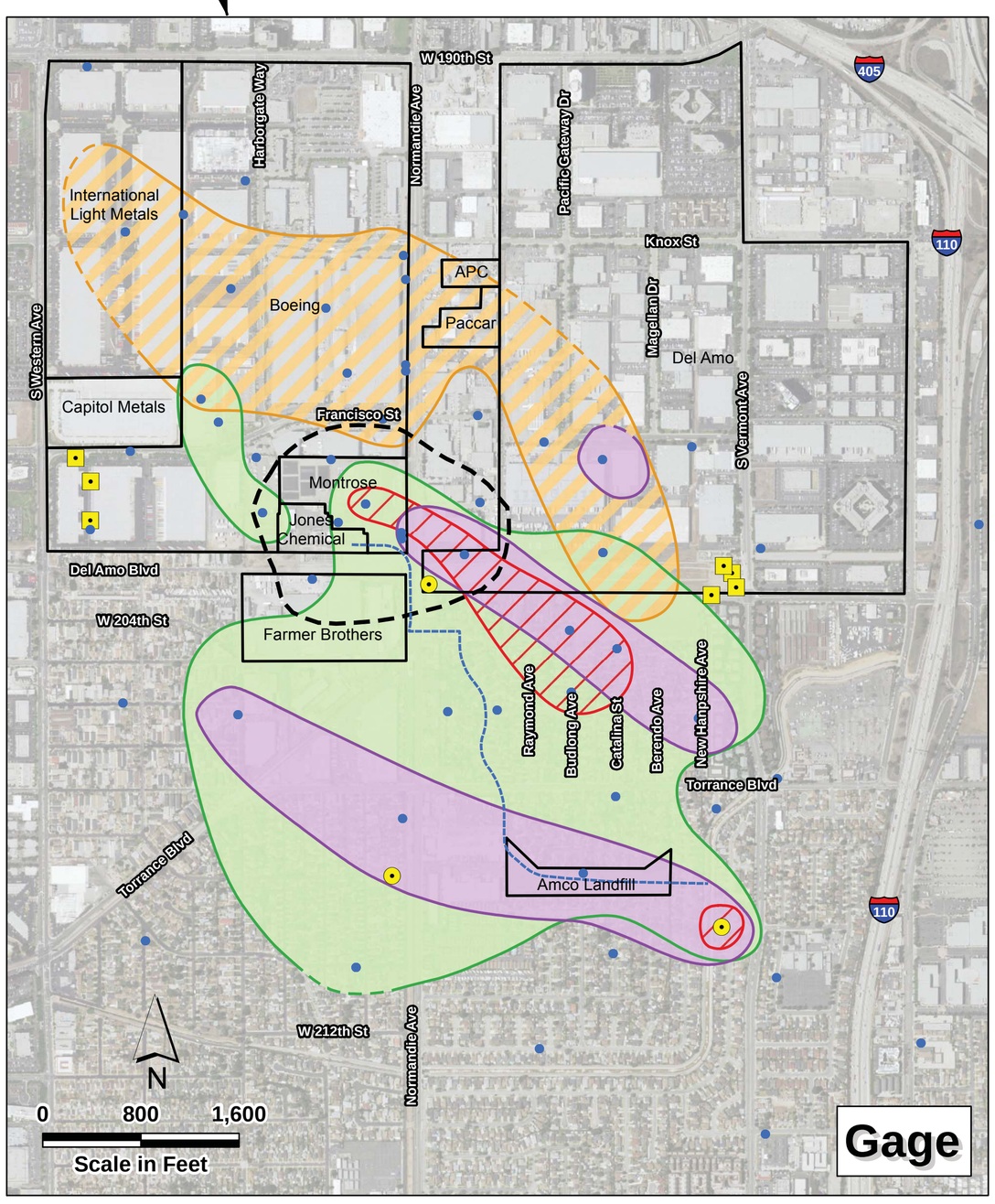
Contaminant Distributions in 2015
Dual Site Groundwater Operable Unit
Montrose and Del Amo Superfund Sites



Legend

- Monitoring Well
- Extraction Well
- Injection Well
- Kenwood Drain
- TI Waiver Zone
- Property Boundary
- Benzene Iso-concentration Contour (1 µg/L); dashed where inferred
- MCB Iso-concentration Contour (70 µg/L); dashed where inferred
- pCBSA Iso-concentration Contour (25,000 µg/L); dashed where inferred
- TCE Iso-concentration Contour (5 µg/L); dashed where inferred
- Benzene Distribution
- MCB Distribution
- pCBSA Distribution
- TCE Distribution
- Approximate Extent of Confirmed or Suspected DNAPL/LNAPL

NOTES:
µg/L = microgram per liter
COC = Contaminant of Concern
DNAPL = Dense Non-Aqueous Phase Liquid
HGU = Hydrogeologic Unit
LNAPL = Light Non-Aqueous Phase Liquid
MCB = Mono-chlorobenzene
pCBSA = Para-Chlorobenzene Sulfonic Acid
TCE = Trichloroethylene



UBF	Upper Bellflower Aquitard
MBFB	Middle Bellflower B Sand
MBFM	Middle Bellflower Mud
MBFC	Middle Bellflower C Sand
LBF	Lower Bellflower Aquitard
GAGE	Gage Aquifer
GLA	Gage-Lynwood Aquitard
LYNWOOD	Lynwood Aquifer