Montrose Chemical Superfund Site

CONSTRUCTION of the Dual Site Groundwater Operable Unit

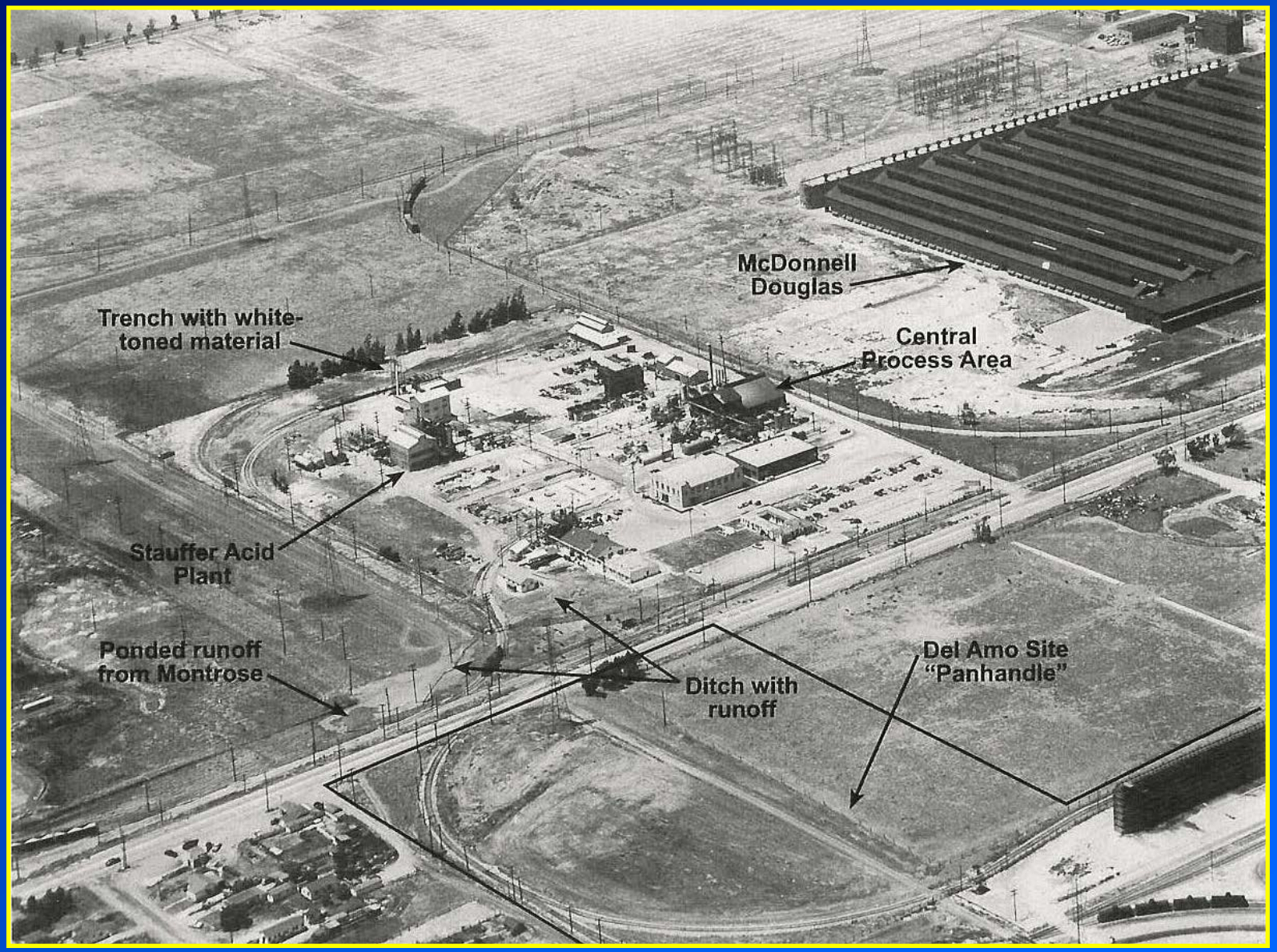
Sitio Superfund Químicos Montrose
Construcción de la Unidad Operable
de Aguas Subterráneas Dual Site

February 2013

Kevin Mayer and Dana Barton
U.S. Environmental Protection Agency

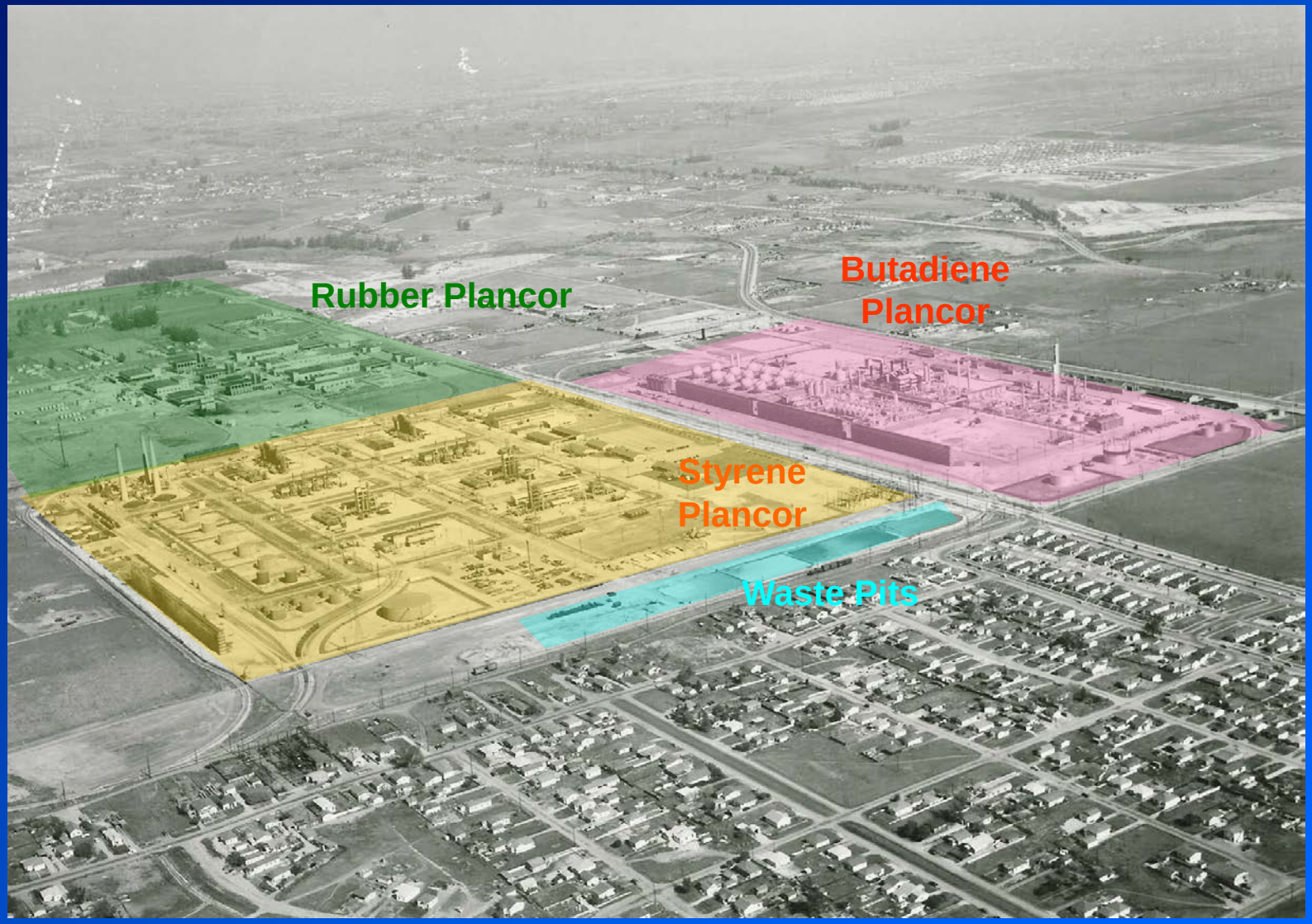
Montrose Chemical Plant ca. 1952

Fabrica De Químicos Montrose 1952



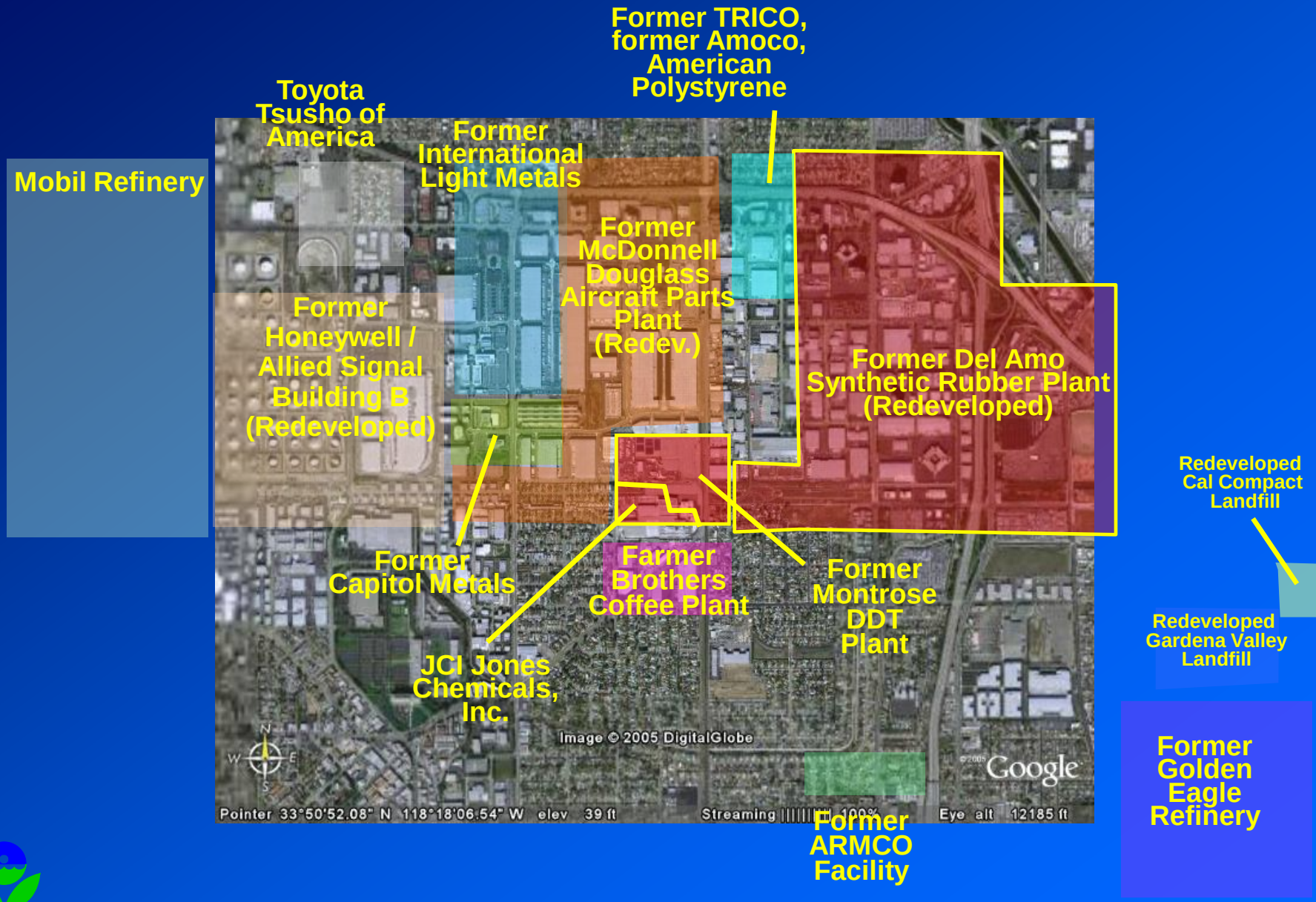
Del Amo Rubber Plant - 1950s

Fabrica de goma sintética Del Amo - 1950



Montrose and Del Amo Plants: Surrounding Major Industries

Plantas Montrose y Del Amo : Industrias principales vecinas

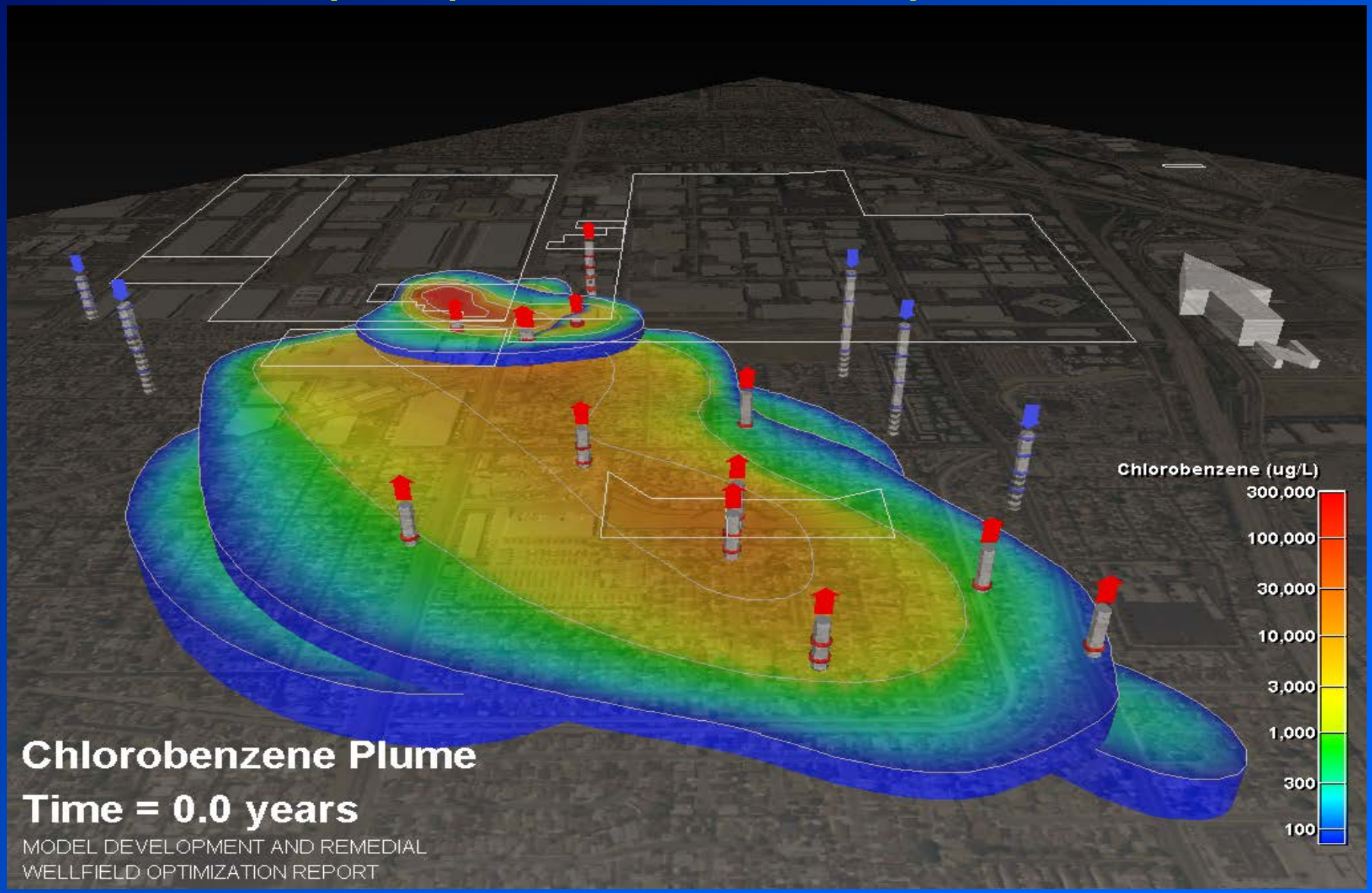


Major Chemical Contaminants
Montrose Del Amo Superfund Projects

Chemical	Uses	Water Soluble	Vaporize in Air	Health Concerns
DDT	Pesticide	No	No	Cancer, Liver
Chlorobenzene	Manufacture DDT	Poorly	Poorly	Liver
Benzene	In Petroleum, Chemical Manufacturing	Poorly	Yes	Cancer, Blood Disorders
Trichloroethene TCE	Solvent, Degreaser	Slightly	Yes	Cancer, Kidney, Developmental Effects

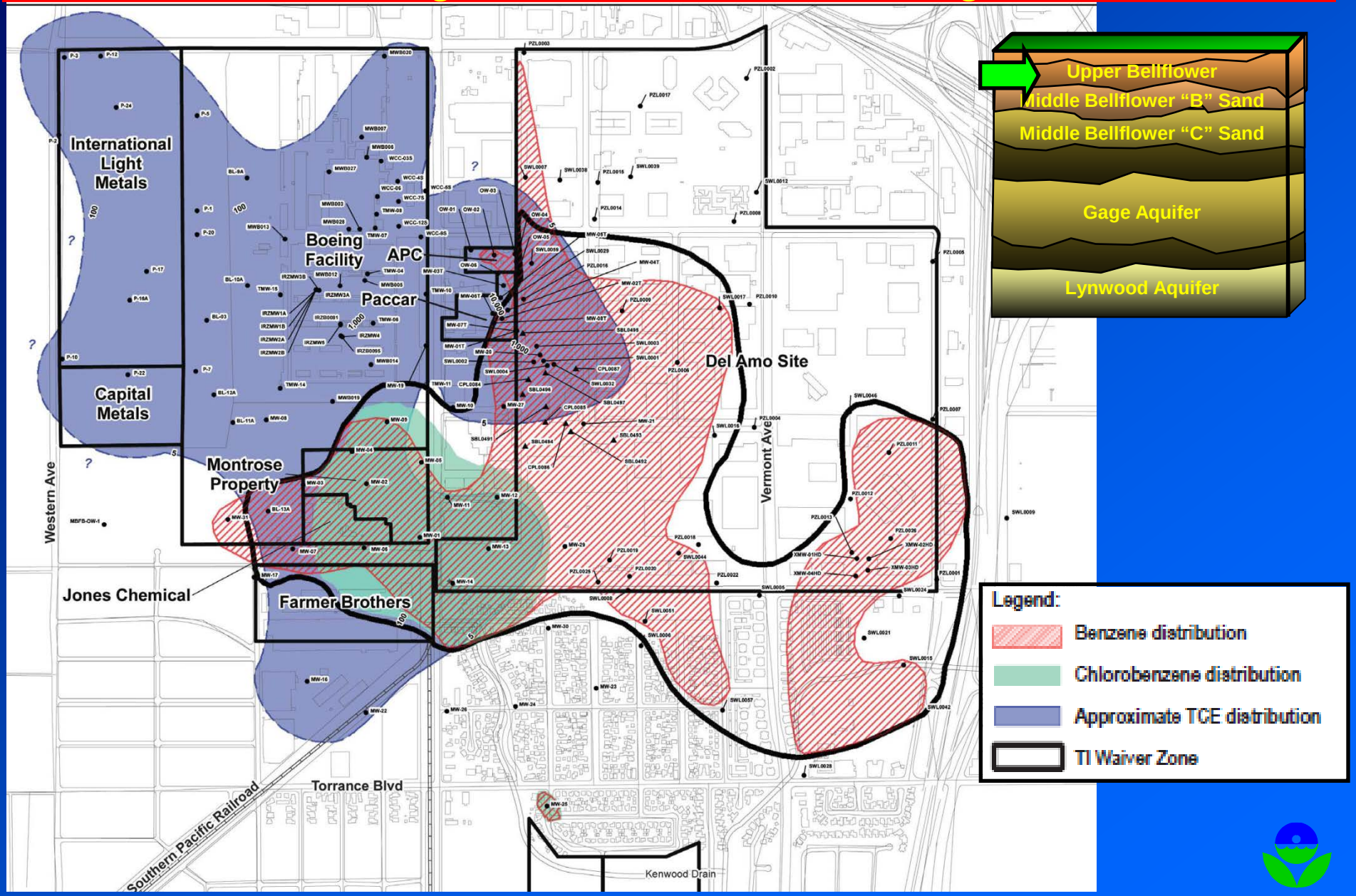
Optimized Remedial Wellfield

Grupo de pozos de remediación optimizado

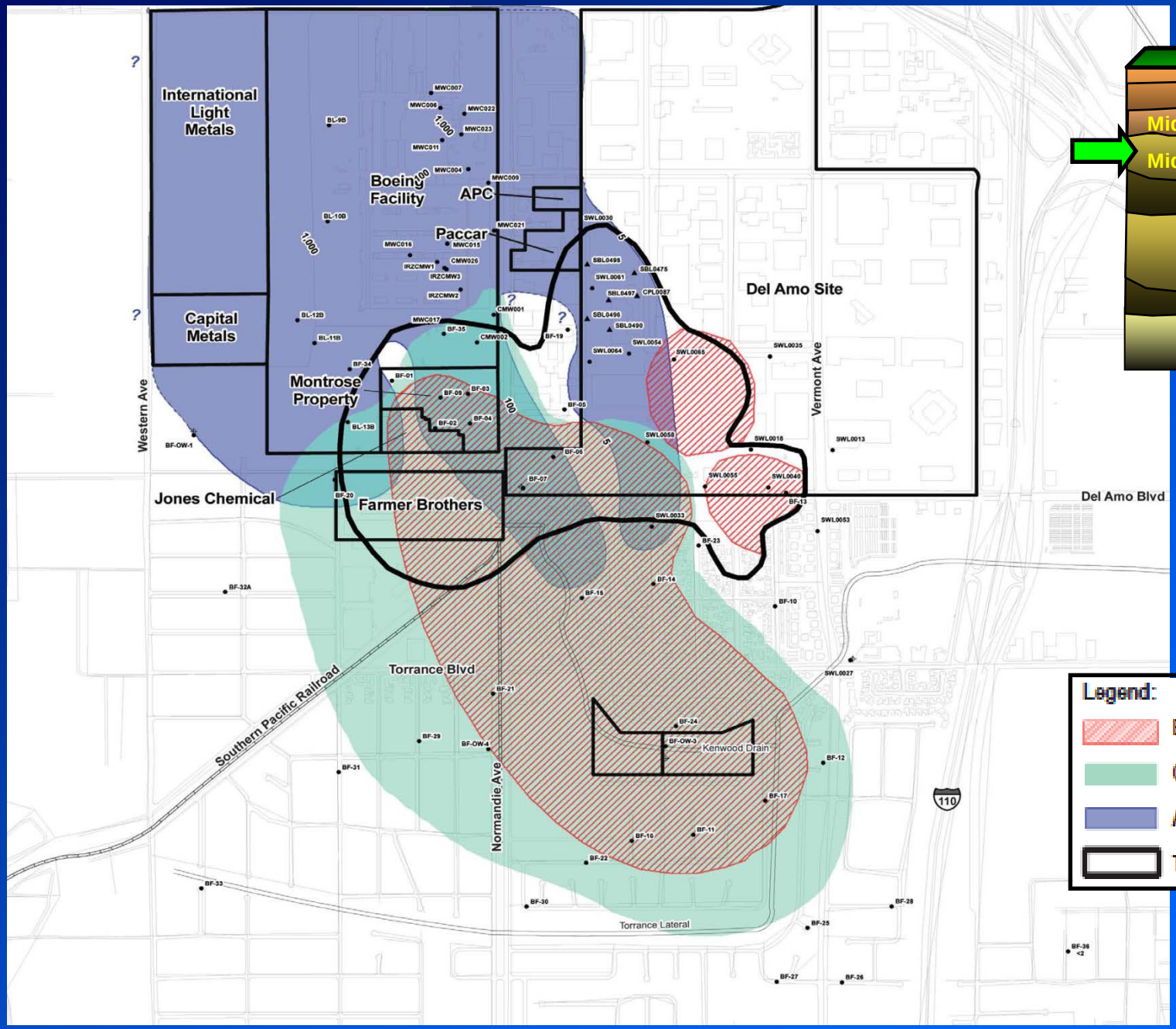


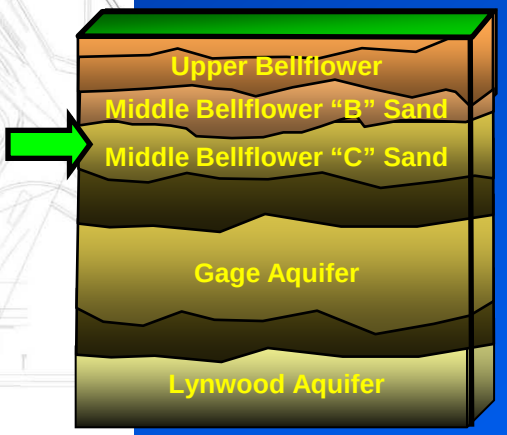
Groundwater Contamination – Water Table

Contaminación del Agua Subterránea – Tabla de agua

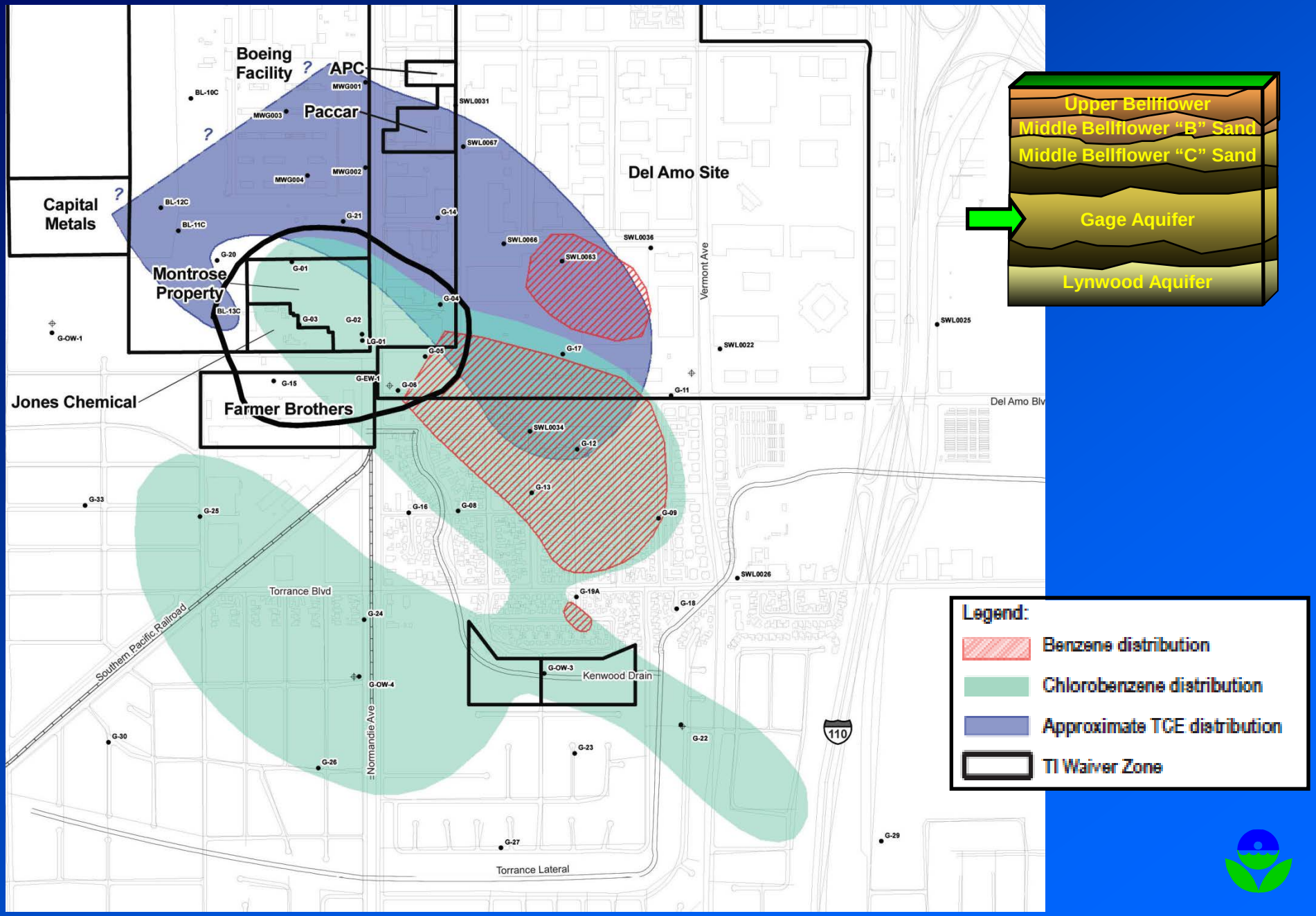


Groundwater Contamination – Middle Bellflower "C" Sand

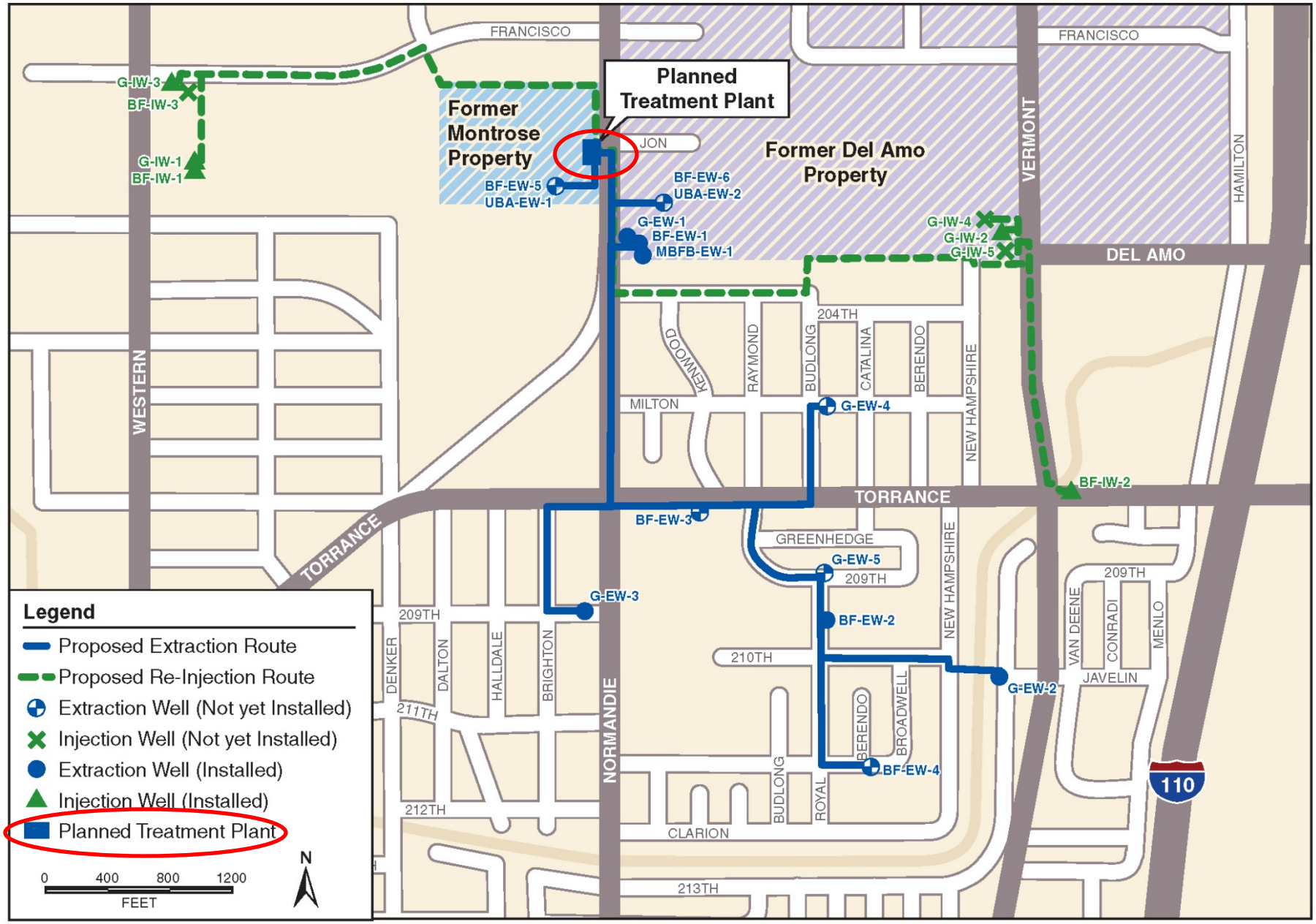




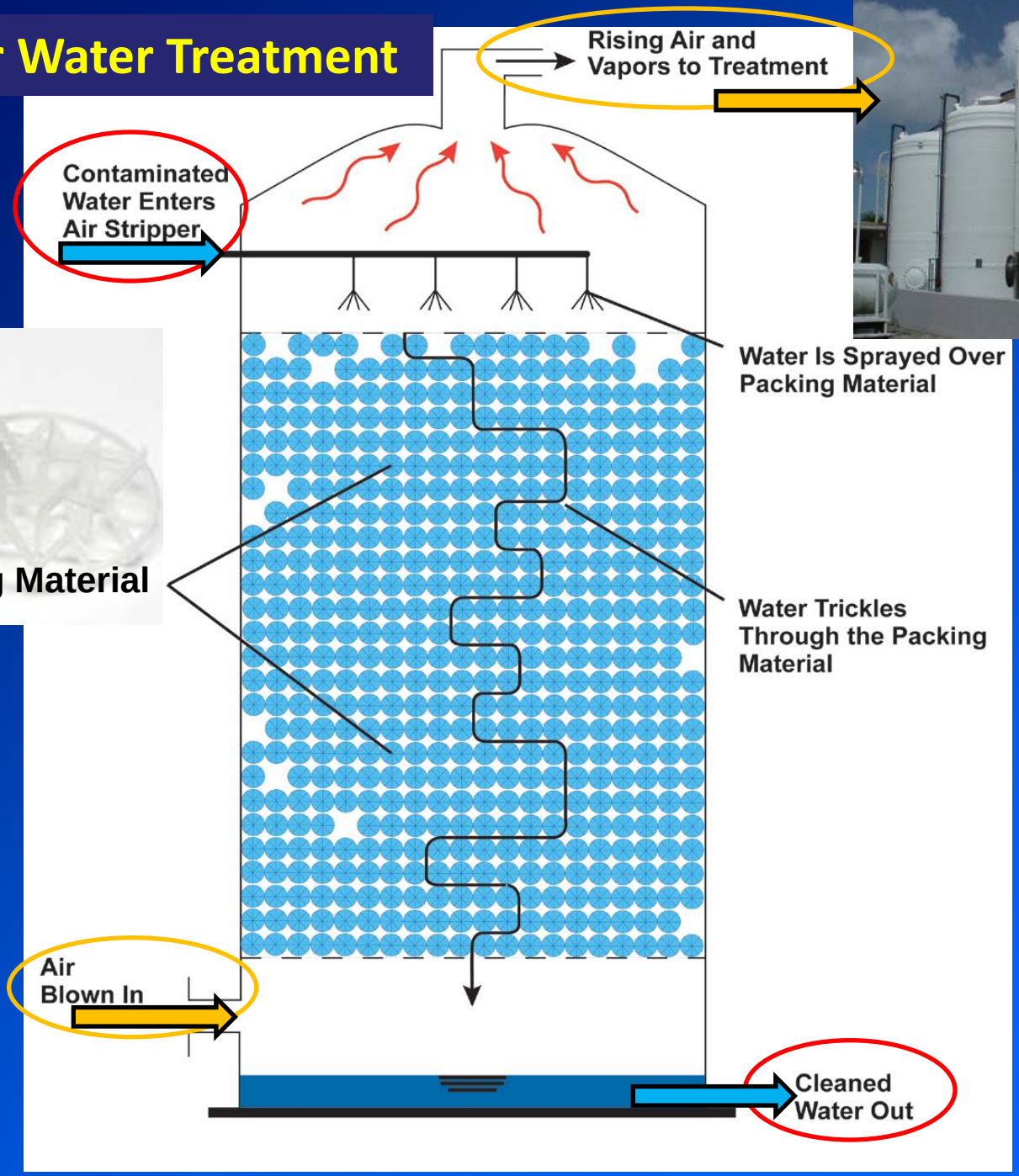
Groundwater Contamination – Gage Aquifer



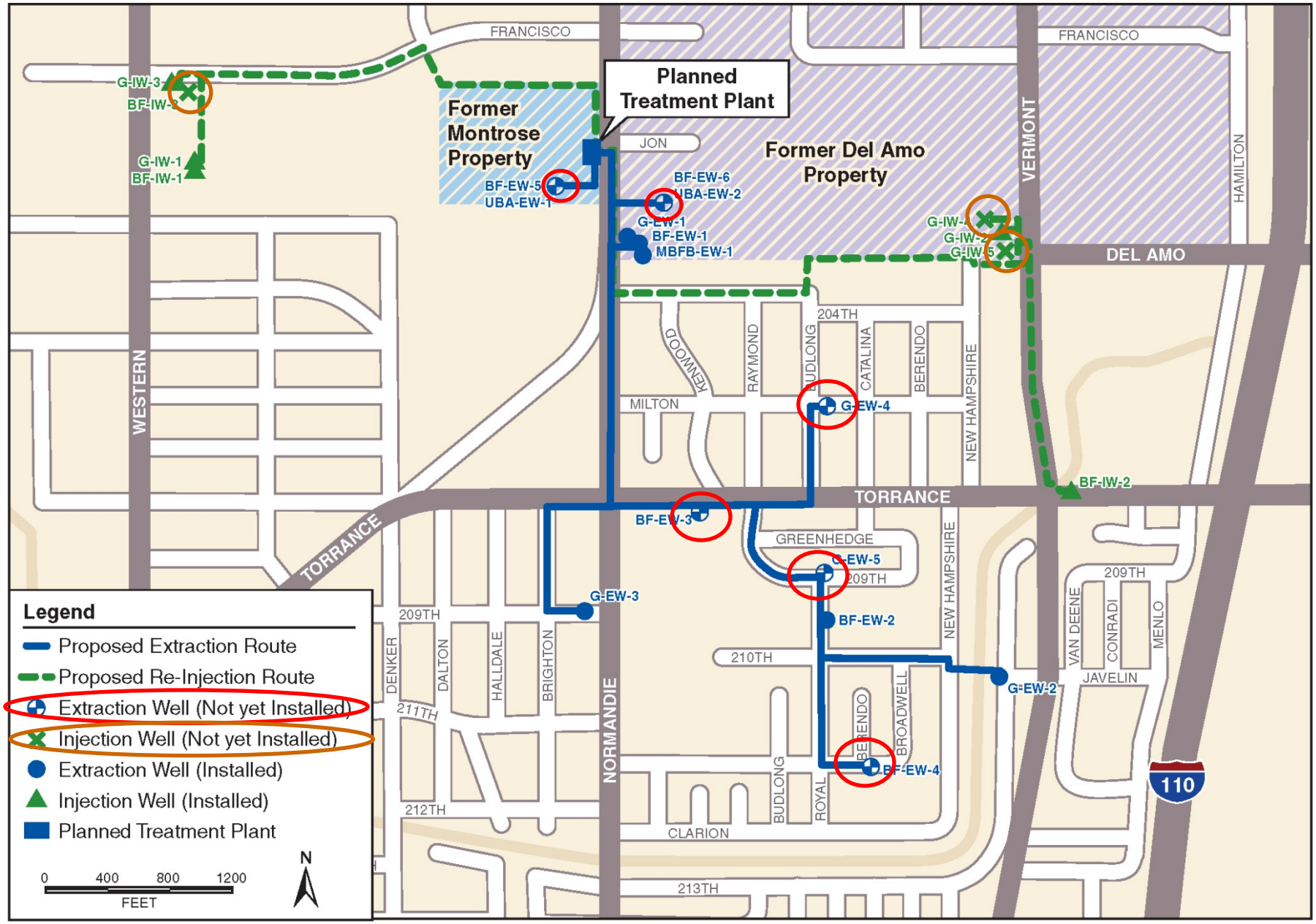
Water Treatment Plant March 2013 to July 2014



Air Stripper Water Treatment



Extraction &Injection Wells March 2013 to August 2013

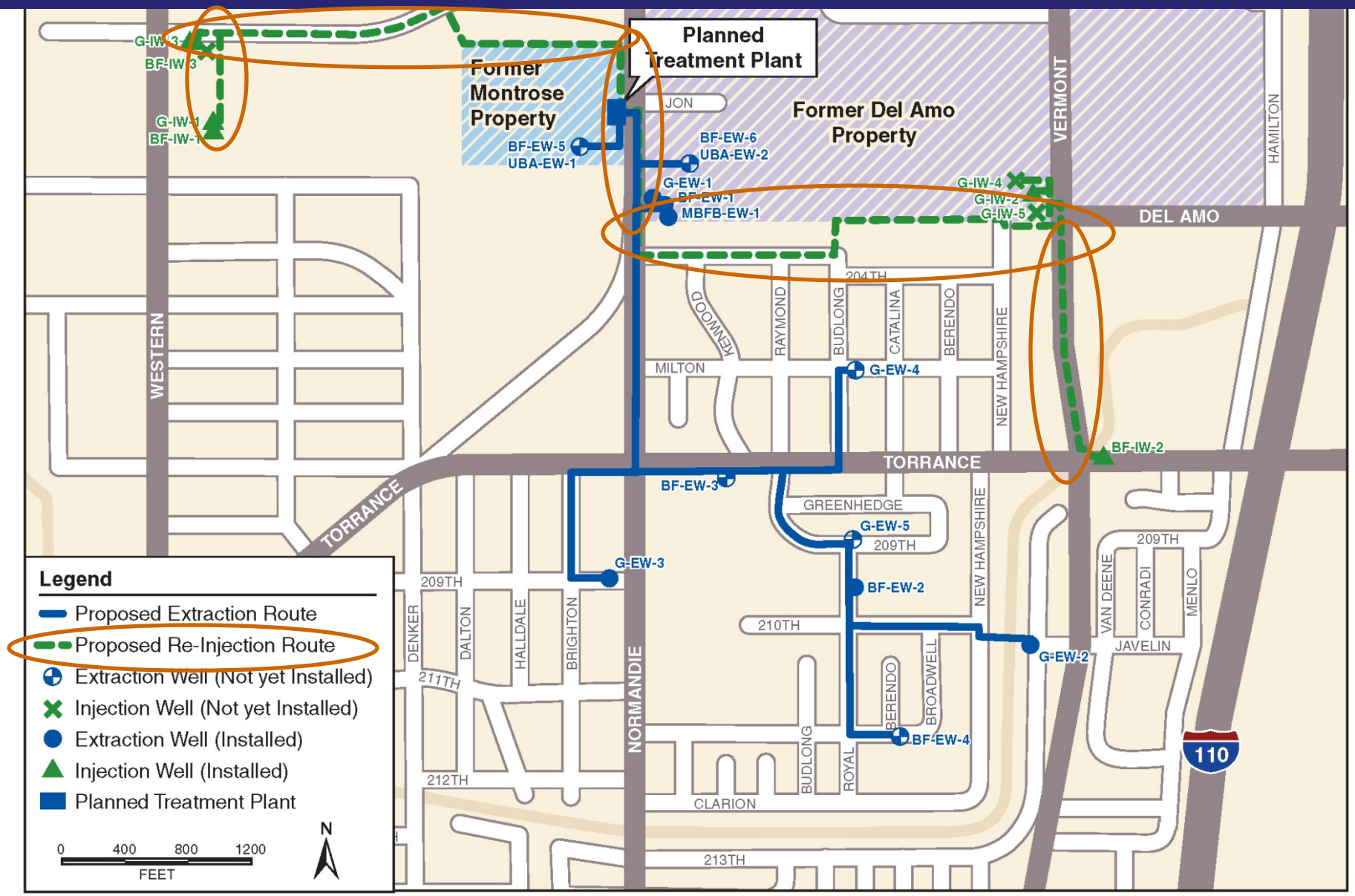


Well Drilling

Cover of Well

Injection Pipelines March 2013 to September 2013

Tubería de inyección – Marzo 2013 a Septiembre 2013

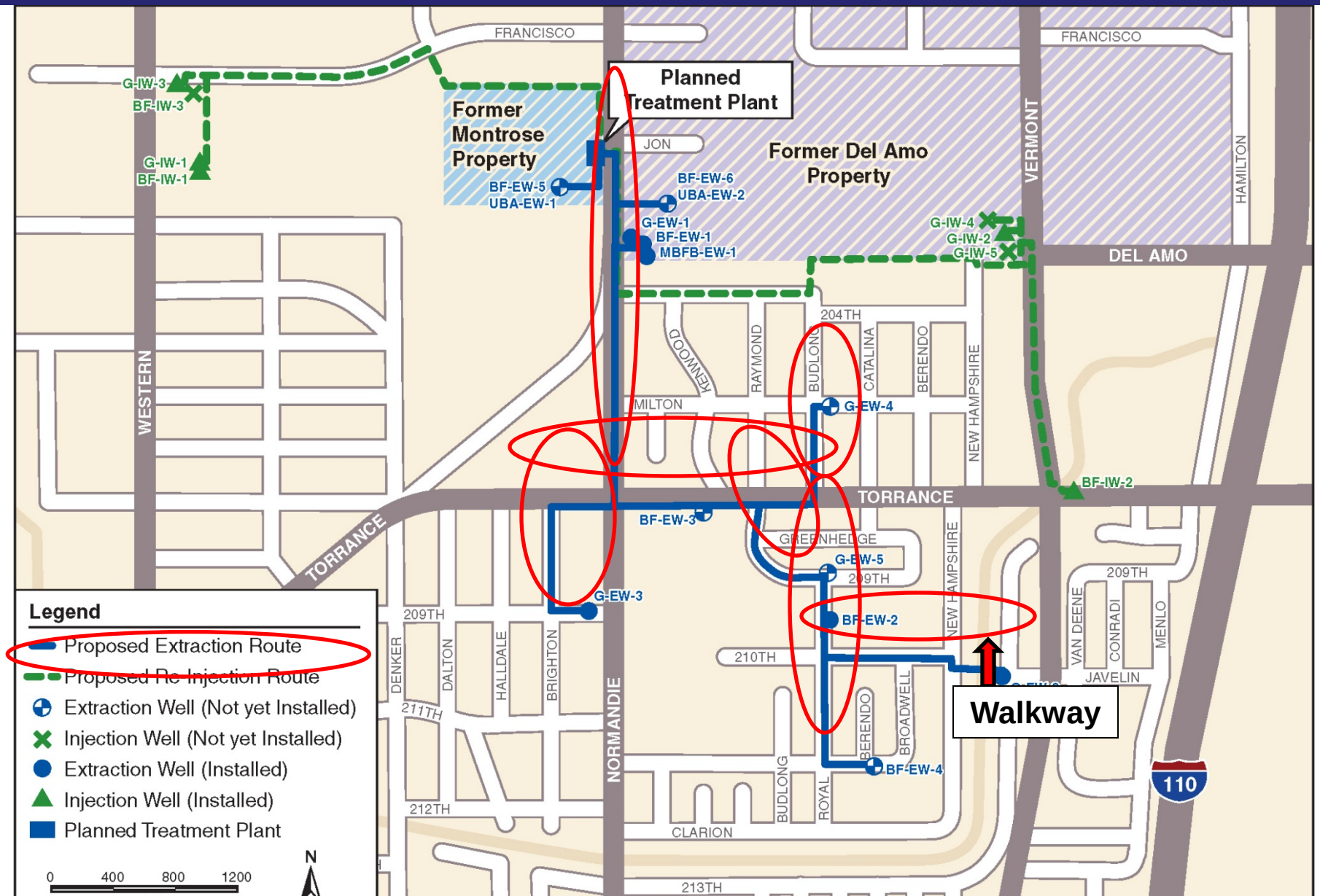


Extraction and Injection Pipeline Trenching

Zanjas de tubería de extracción e inyección

Extraction Pipelines August 2013 to March 2014

Tubería de extracción – Agosto 2013 a Marzo 2014



THANK YOU

Questions?
Montrose Dual Site Groundwater

February 2013

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