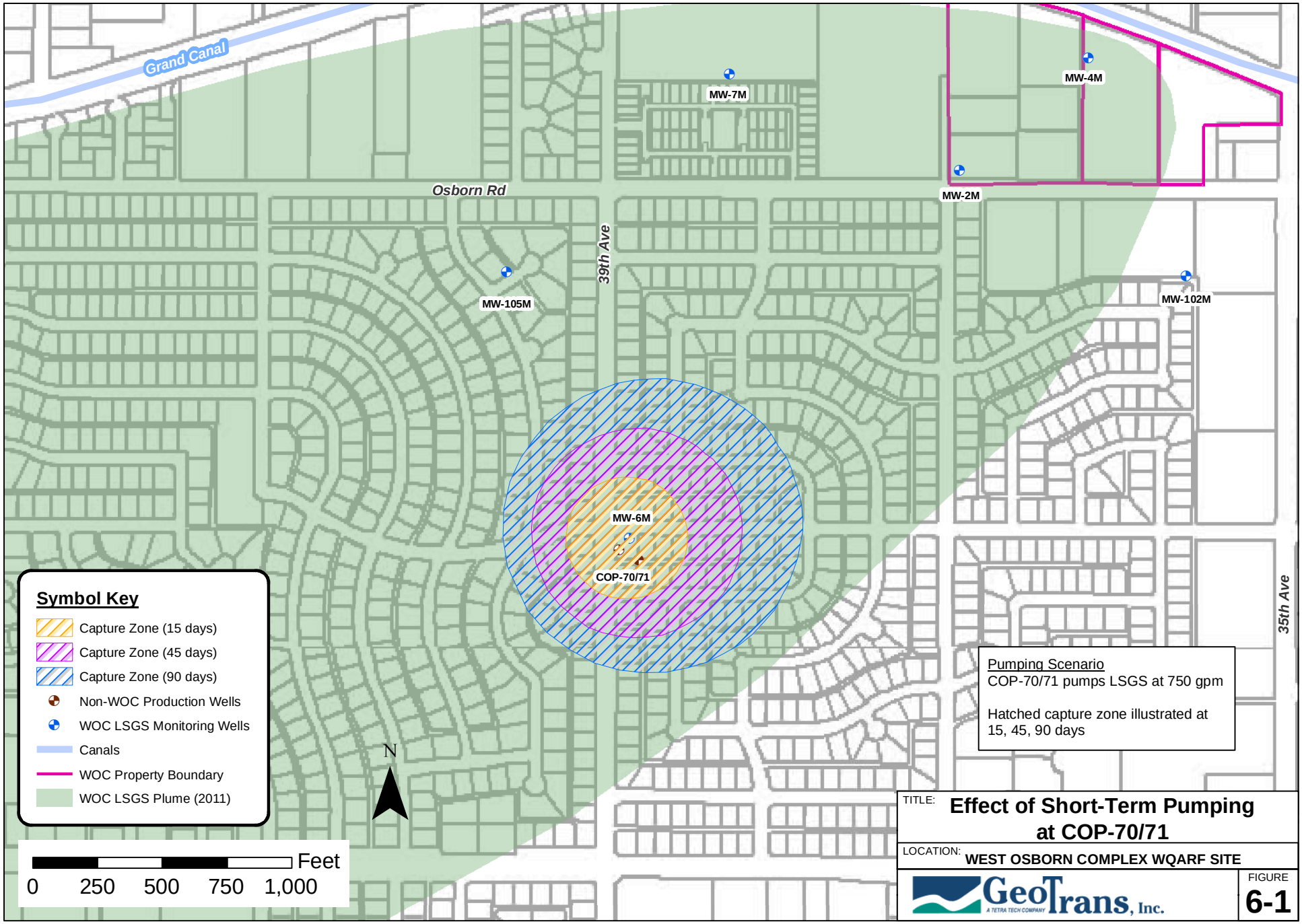
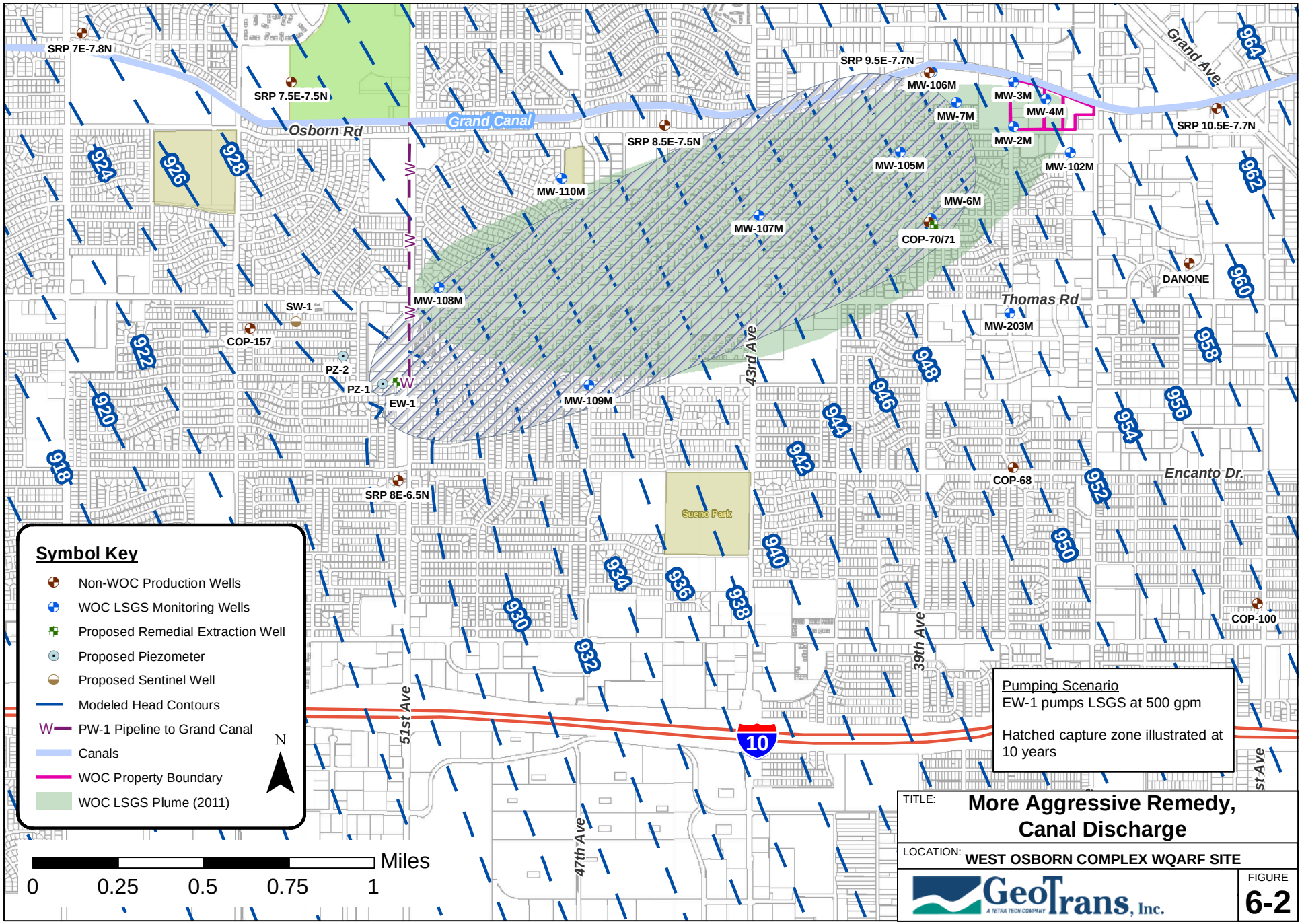
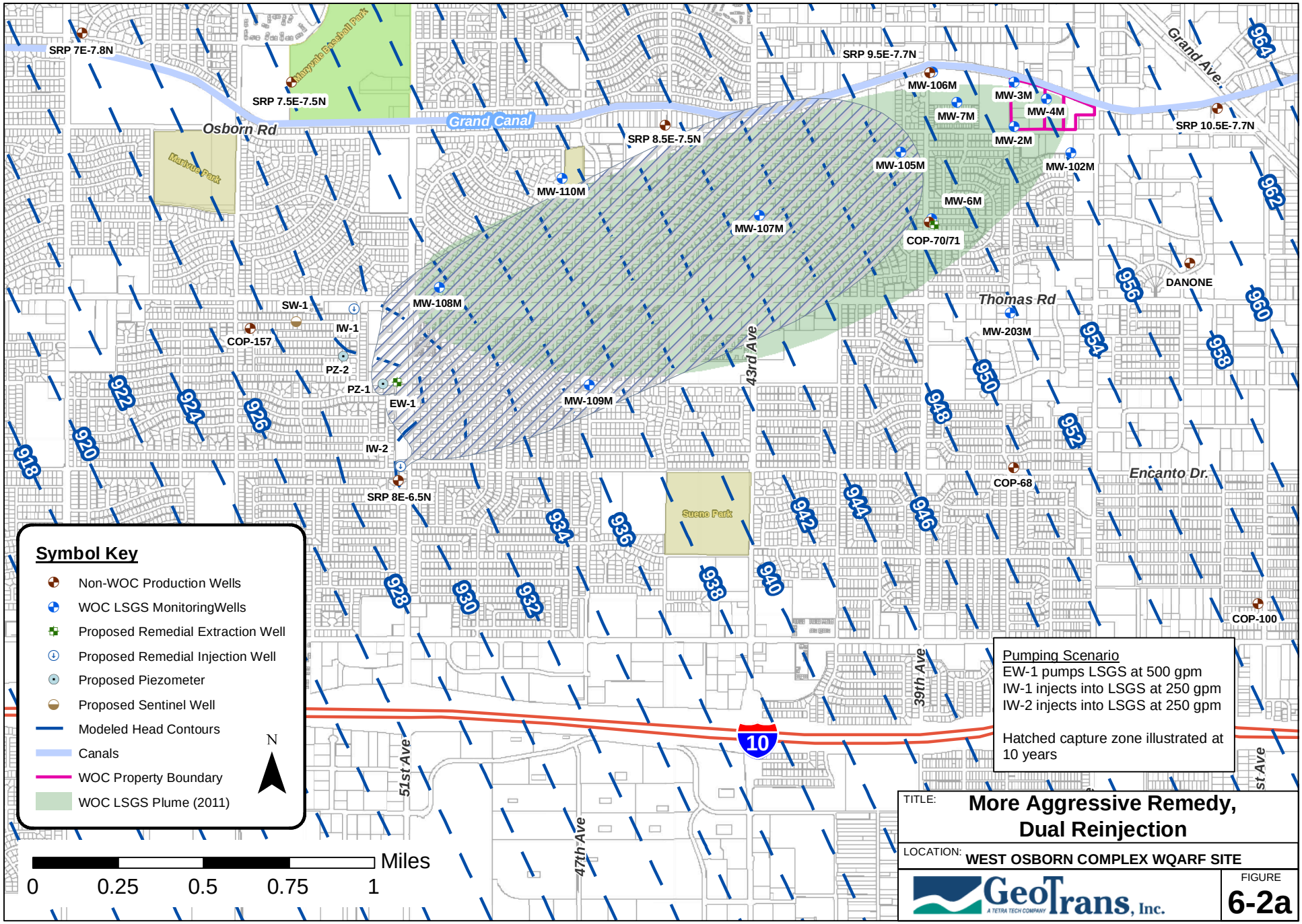

Grand Canal
Osborn Rd
39th Ave
35th Ave
MW-7M
MW-4M
MW-2M
MW-105M
MW-102M
MW-6M
COP-70/71
Symbol Key
Capture Zone (15 days)
Capture Zone (45 days)
Capture Zone (90 days)
Non-WOC Production Wells
WOC LSGS Monitoring Wells
Canals
WOC Property Boundary
WOC LSGS Plume (2011)
N
Feet
0 250 500 750 1,000
Pumping Scenario
COP-70/71 pumps LSGS at 750 gpm
Hatched capture zone illustrated at 15, 45, 90 days
TITLE: Effect of Short-Term Pumping at COP-70/71
LOCATION: WEST OSBORN COMPLEX WQARF SITE
GeoTrans, Inc. A TETRA TECH COMPANY
FIGURE 6-1
March 7, 2012 T:\GeoTrans Phoenix\22.09.003 - UICL SGS Model\Figures\Revised 030612\Figure 6-1 - Short-Term Pumping Effects.mxd



March 7, 2012 T:\GeoTrans Phoenix\22.09.003 - UICL SGS Model\Figures\Revised 030612\Figure 6-2 - More Aggressive Remedy - Canal Discharge.mxd



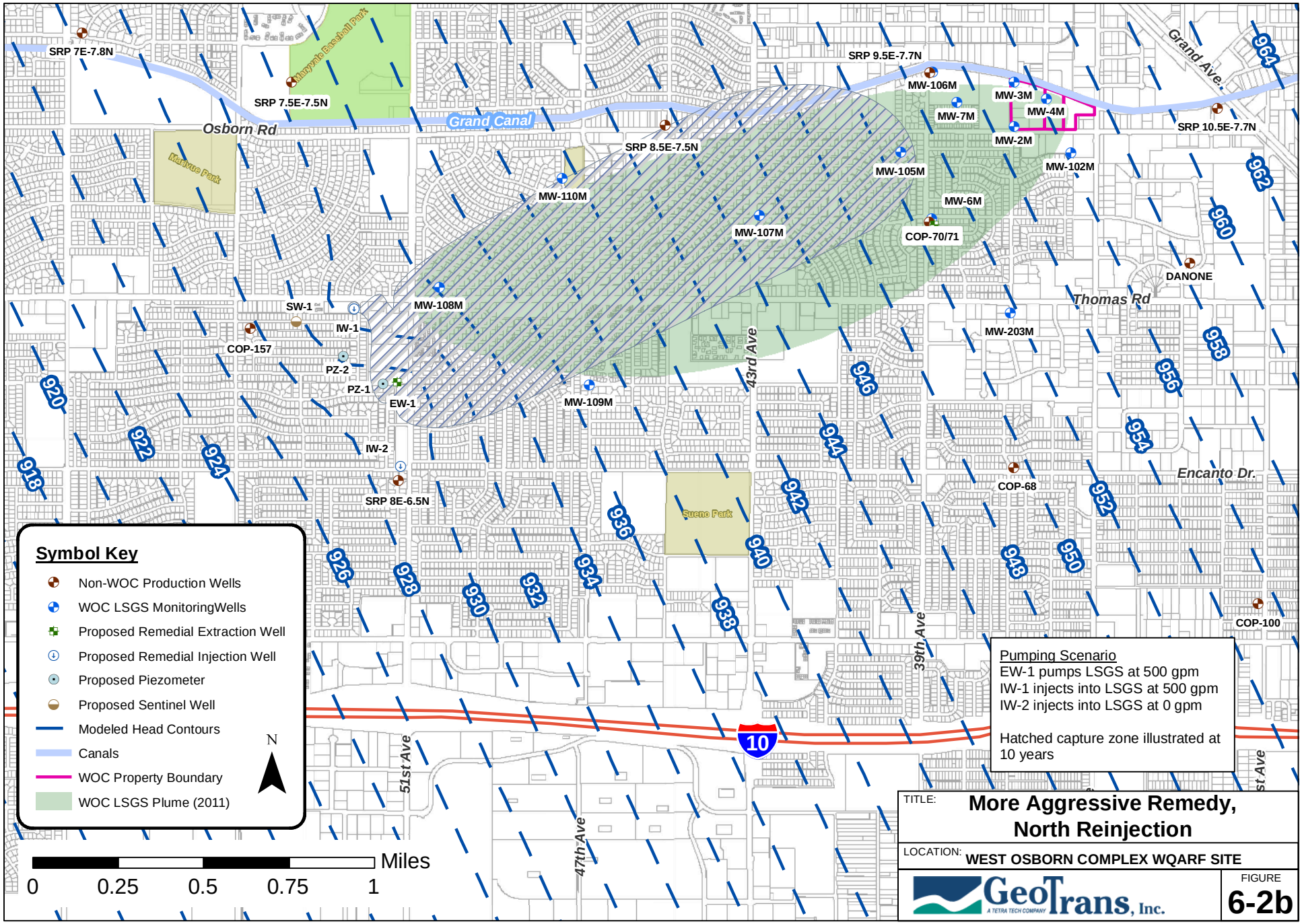
TITLE: **More Aggressive Remedy, Dual Reinjection**

LOCATION: **WEST OSBORN COMPLEX WQARF SITE**

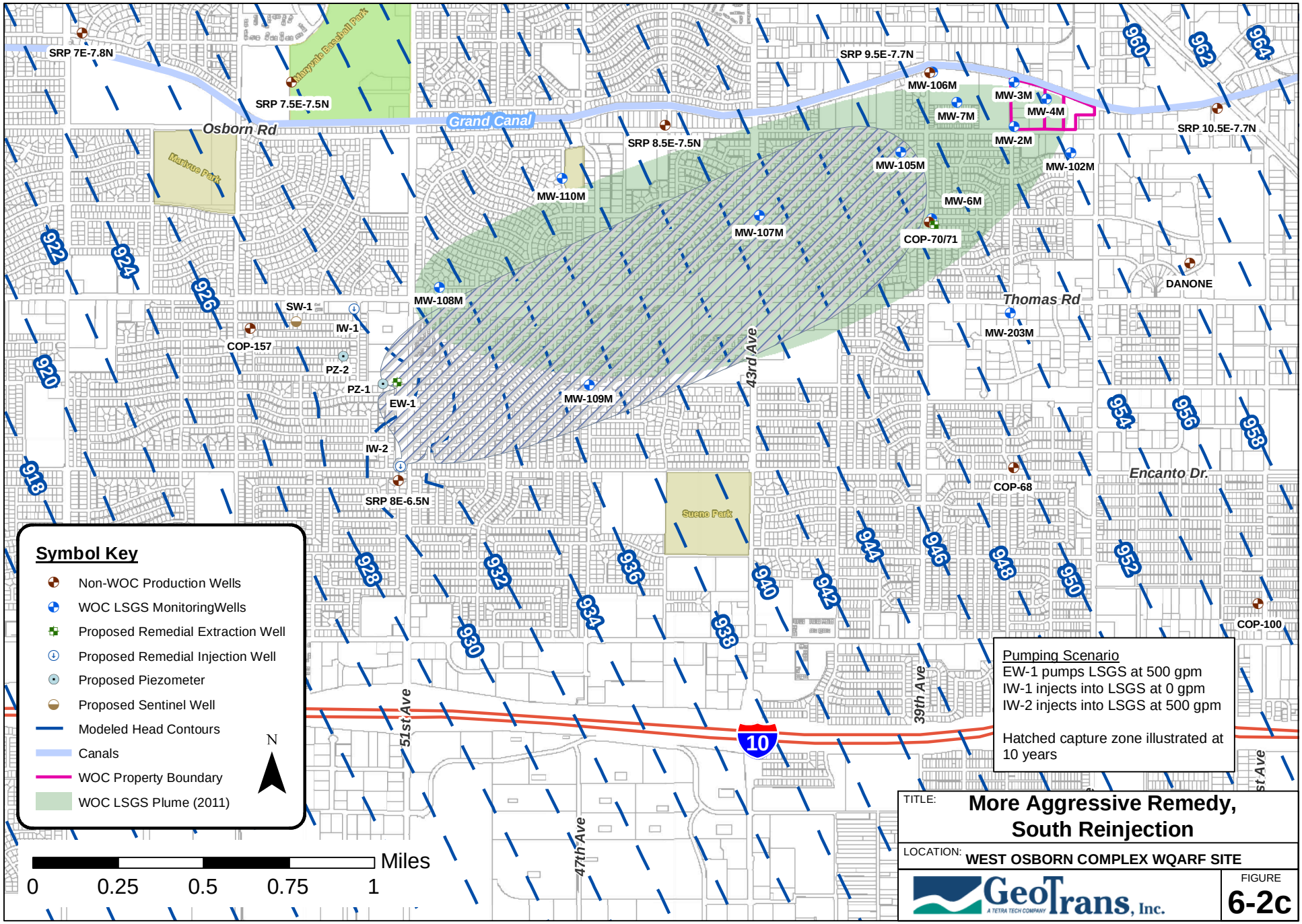
GeoTrans, Inc. A TETRA TECH COMPANY

FIGURE **6-2a**

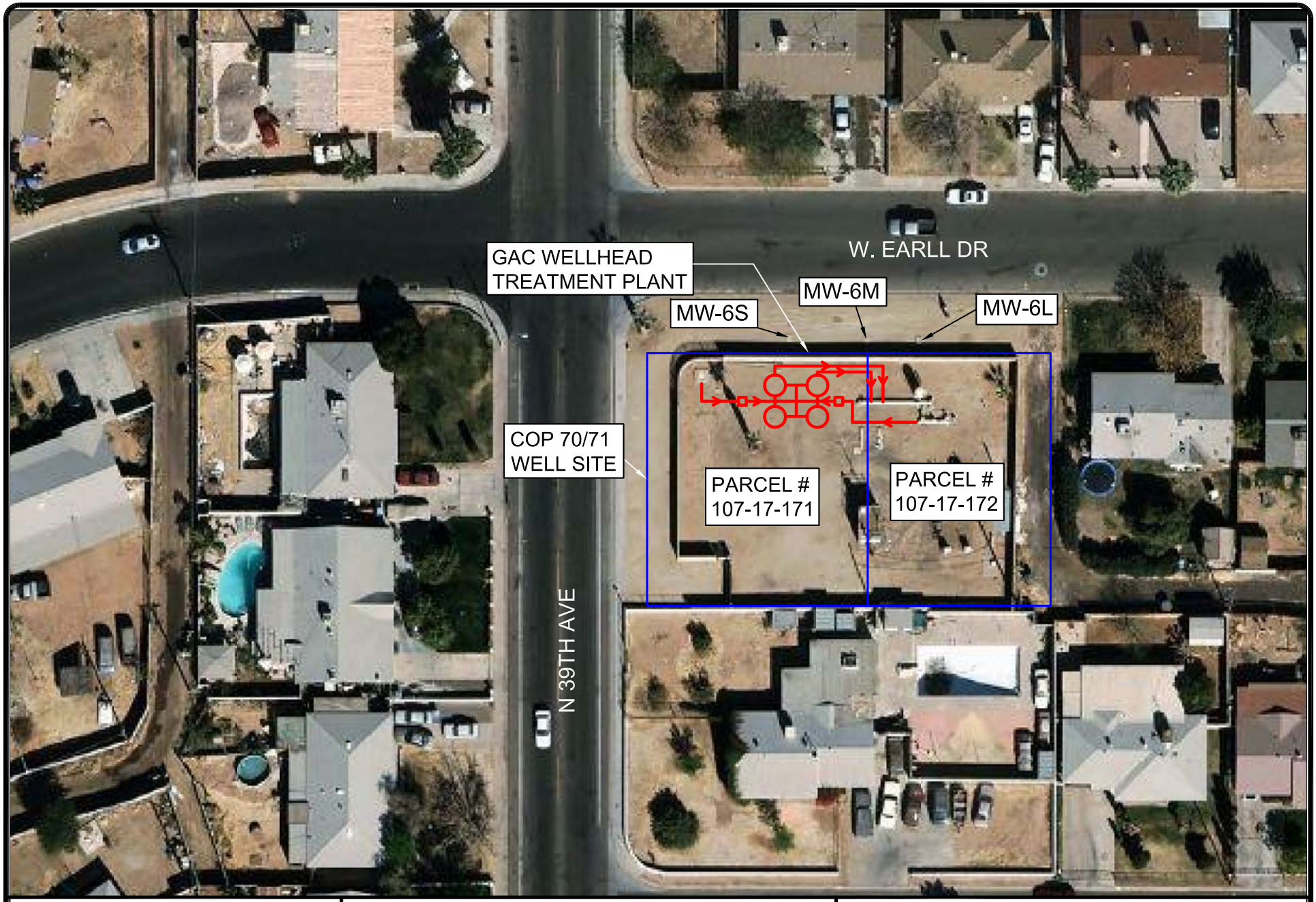
March 7, 2012 T:\GeoTrans Phoenix\22.09.003 - UICL SGS Model\Figures\Revised 030612\Figure 6-2a - More Aggressive Remedy - Dual Reinj.mxd



March 7, 2012 T:\GeoTrans Phoenix\22.09.003 - UICL SGS Model\Figures\Revised 030612\Figure 6-2b - More Aggressive Remedy - North Rein.mxd



March 7, 2012 T:\GeoTrans Phoenix\22.09.003 - UICL SGS Model\Figures\Revised 030612\Figure 6-2c - More Aggressive Remedy - South Reinj.mxd



0 20' 40'

Scale

LEGEND

- PROPERTY BOUNDARY
- PUMP AND TREAT SYSTEM
- GRANULAR ACTIVATED CARBON VESSEL

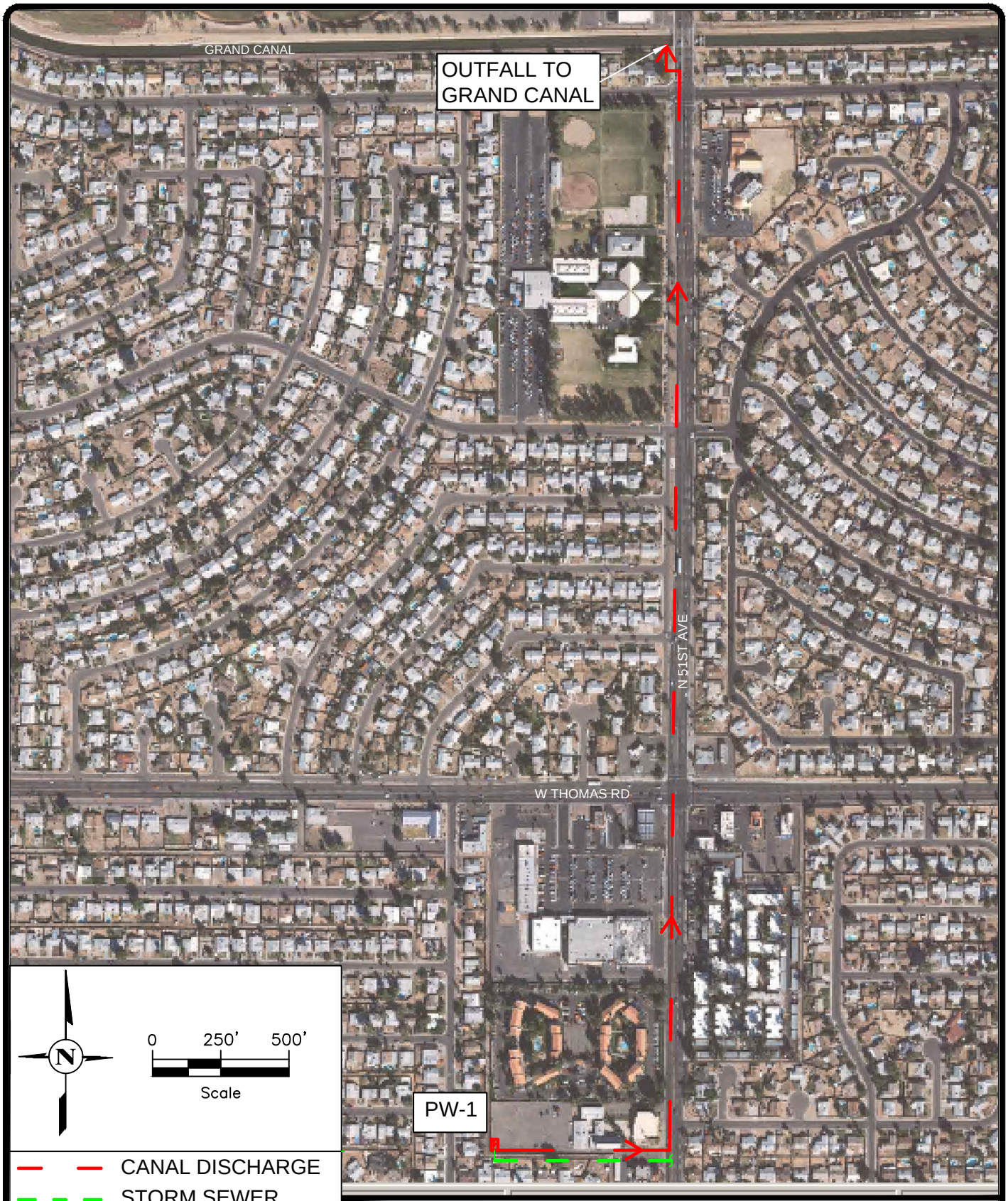
TITLE: CONCEPTUAL LAYOUT COP 70/71 SYSTEM AREA

LOCATION: WEST OSBORN COMPLEX WQARF SITE

GeoTrans, Inc A TETRA TECH COMPANY

CHECKED	JWR
DRAFTED	TLG
FILE	2209.003.06
DATE	3/17/08

FIG 6-3



CANAL DISCHARGE

STORM SEWER DISCHARGE

PW-1 PUMPING WELL

Note: Treated water would be discharged to 72 inch storm sewer in 51st Ave only during annual dry-up period for Grand Canal

TITLE:

CONCEPTUAL PIPELINE ROUTE
DOWNGRADIENT P&T SYSTEM, CANAL DISCHARGE

LOCATION:

WOC WQARF SITE

GeoTrans, Inc. A TETRA TECH COMPANY

CHECKED	JWR
DRAFTED	TLG
PROJECT	2209.003.05
DATE	2/27/08

FIG **6-4**

N

0 30' 60'

Scale

LEGEND

PROPERTY BOUNDARY

PIPELINE FROM TREATMENT SYSTEM

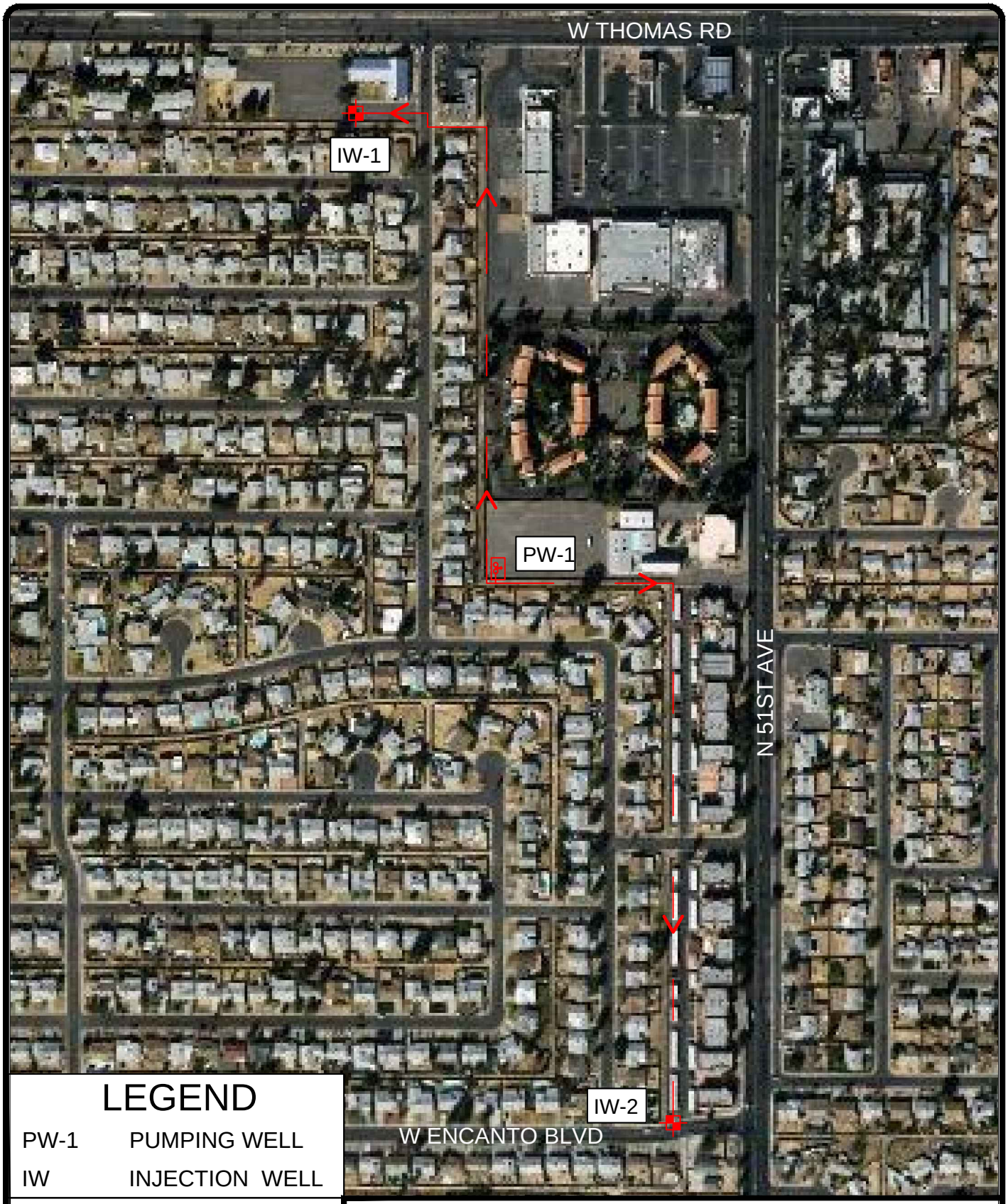
TITLE: CONCEPTUAL LAYOUT DOWNGRADIENT P&T SYSTEM AREA

LOCATION: WOC WQARF SITE

GeoTrans, Inc
A TETRA TECH COMPANY

CHECKED	JWR
DRAFTED	TLG
FILE	2209.003.05
DATE	3/17/08

FIG 6-5



LEGEND

PW-1	PUMPING WELL
IW	INJECTION WELL

N

0 125' 250'

Scale

TITLE: **CONCEPTUAL PIPELINE ROUTE, DOWNGRADIENT P&T SYSTEM WITH REINJECTION**

LOCATION: **WOC WQARF SITE**

GeoTrans, Inc. A TETRA TECH COMPANY

CHECKED	JWR
DRAFTED	TLG
PROJECT	2209.003.05
DATE	2/27/08

FIG **6-6**

N

0 45' 90'

Scale

LEGEND

- INJECTION WELL
- PROPERTY BOUNDARY
- PIPELINE FROM TREATMENT SYSTEM

TITLE: POTENTIAL LOCATION FOR NORTH REINJECTION WELL (IW-1)

LOCATION: WOC WQARF SITE

GeoTrans, Inc
A TETRA TECH COMPANY

CHECKED	JWR
DRAFTED	TLG
FILE	2209.003.05
DATE	3/17/08

FIG 6-7

N

0 35' 70'

Scale

LEGEND

INJECTION WELL

PROPERTY BOUNDARY

PIPELINE FROM TREATMENT SYSTEM

TITLE: POTENTIAL LOCATIONS OF SOUTH REINJECTION WELL (IW-2)

LOCATION: WOC WQARF SITE

GeoTrans, Inc
A TETRA TECH COMPANY

CHECKED	JWR
DRAFTED	TLG
FILE	2209.003.05
DATE	3/17/08

FIG 6-8

N

0 37.5' 75'

Scale

LEGEND

PW-1 PUMPING WELL

STORM SEWER DISCHARGE

TITLE: CONCEPTUAL PIPELINE ROUTE
DOWNGRADIENT P&T SYSTEM, STORM SEWER DISCHARGE

LOCATION: WOC WQARF SITE

GeoTrans, Inc
A TETRA TECH COMPANY

CHECKED	JWR
DRAFTED	TLG
FILE	2209.003.05
DATE	3/17/08

FIG 6-9