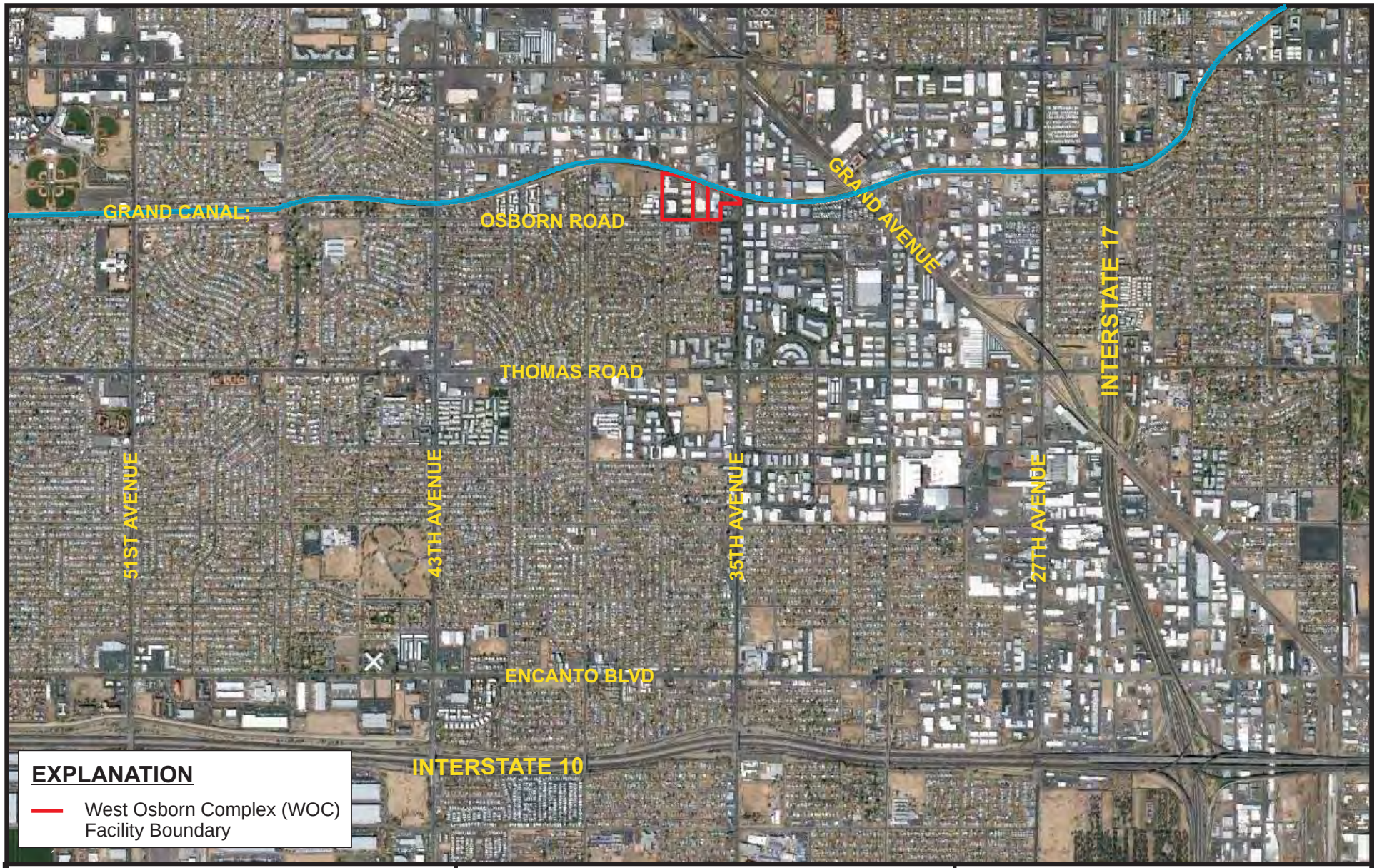


GeoTrans, Inc.

N
W E
S

0 3700 7400 Feet

TITLE:
SITE LOCATION MAP

LOCATION:
WEST OSBORN COMPLEX WQARF SITE, PHOENIX, AZ

CHECKED	JZ	DRAWN	8/2/11	FIGURE: 1-1
DRAFTED	BB	PROJECT#	2209.004	

GeoTrans, Inc.

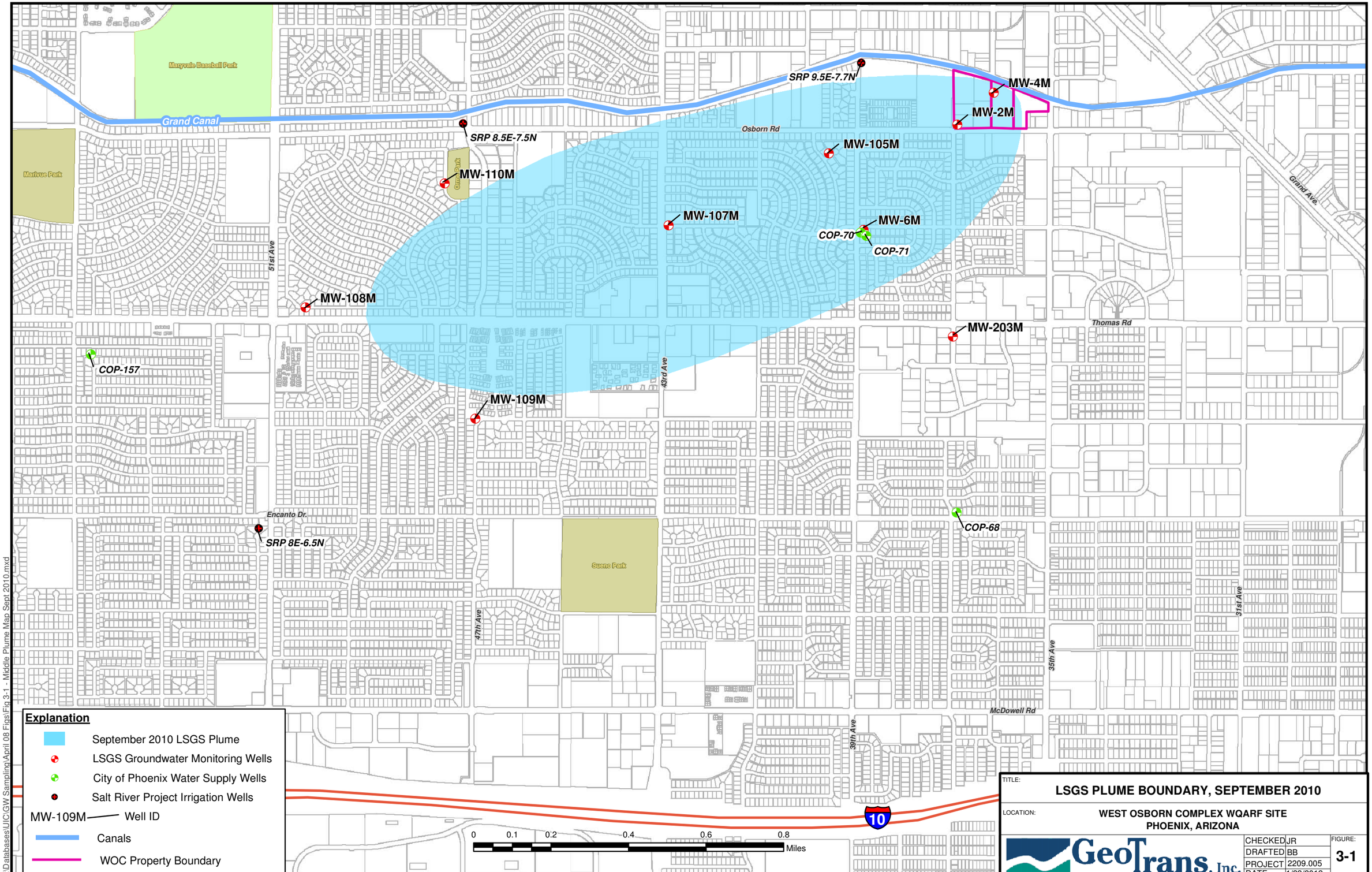
N
W E
S

0 500 1000 Feet

TITLE: WEST OSBORN COMPLEX FACILITY MAP

LOCATION: WEST OSBORN COMPLEX WQARF SITE, PHOENIX, AZ

CHECKED	JZ	DRAWN	8/2/11	FIGURE: 2-1
DRAFTED	BB	PROJECT#	2209.004	

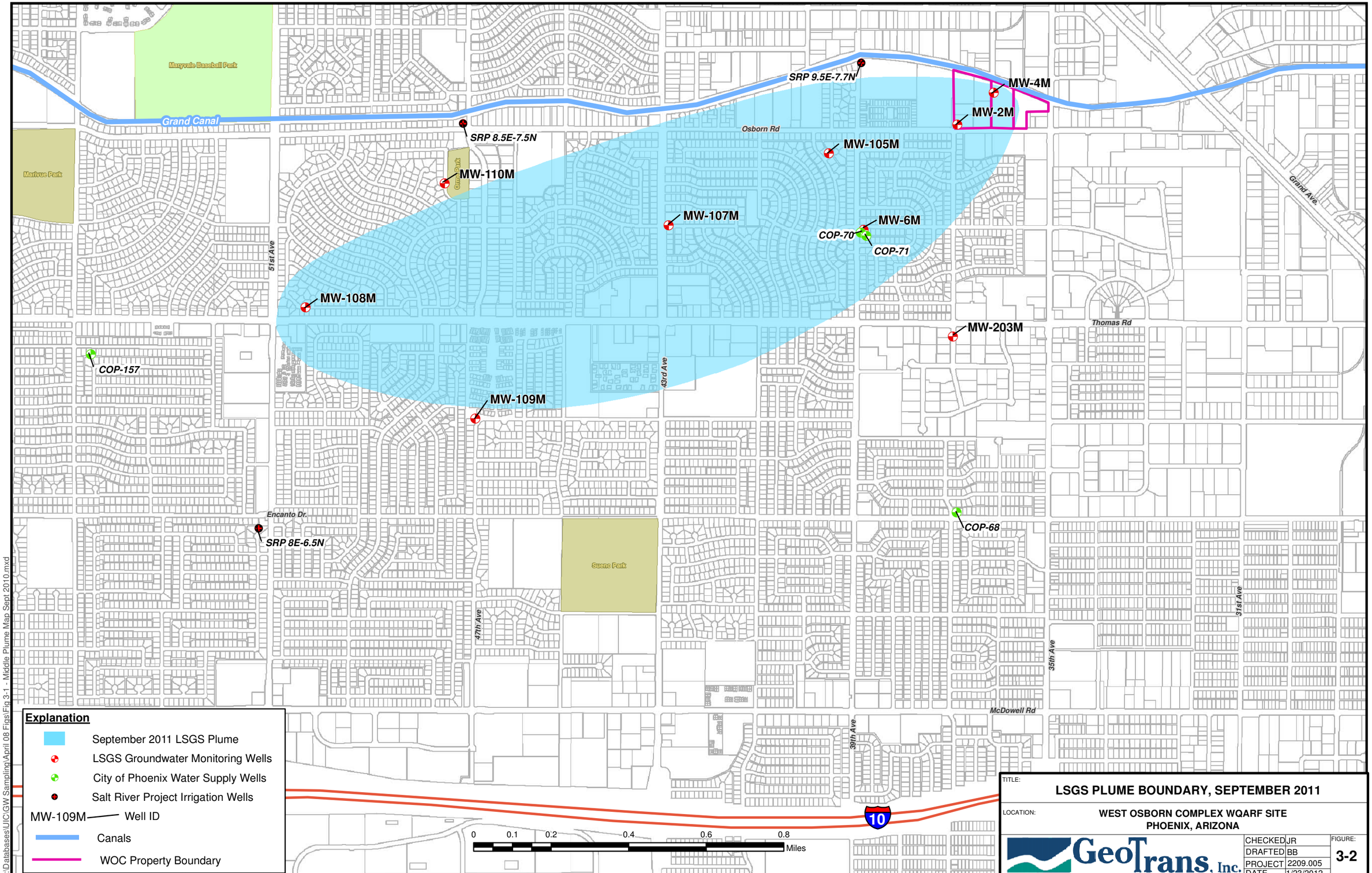


TITLE: LSGS PLUME BOUNDARY, SEPTEMBER 2010

LOCATION: WEST OSBORN COMPLEX WQARF SITE
PHOENIX, ARIZONA

GeoTrans, Inc.

CHECKED	JR	FIGURE:
DRAFTED	BB	3-1
PROJECT	2209.005	
DATE	1/23/2012	

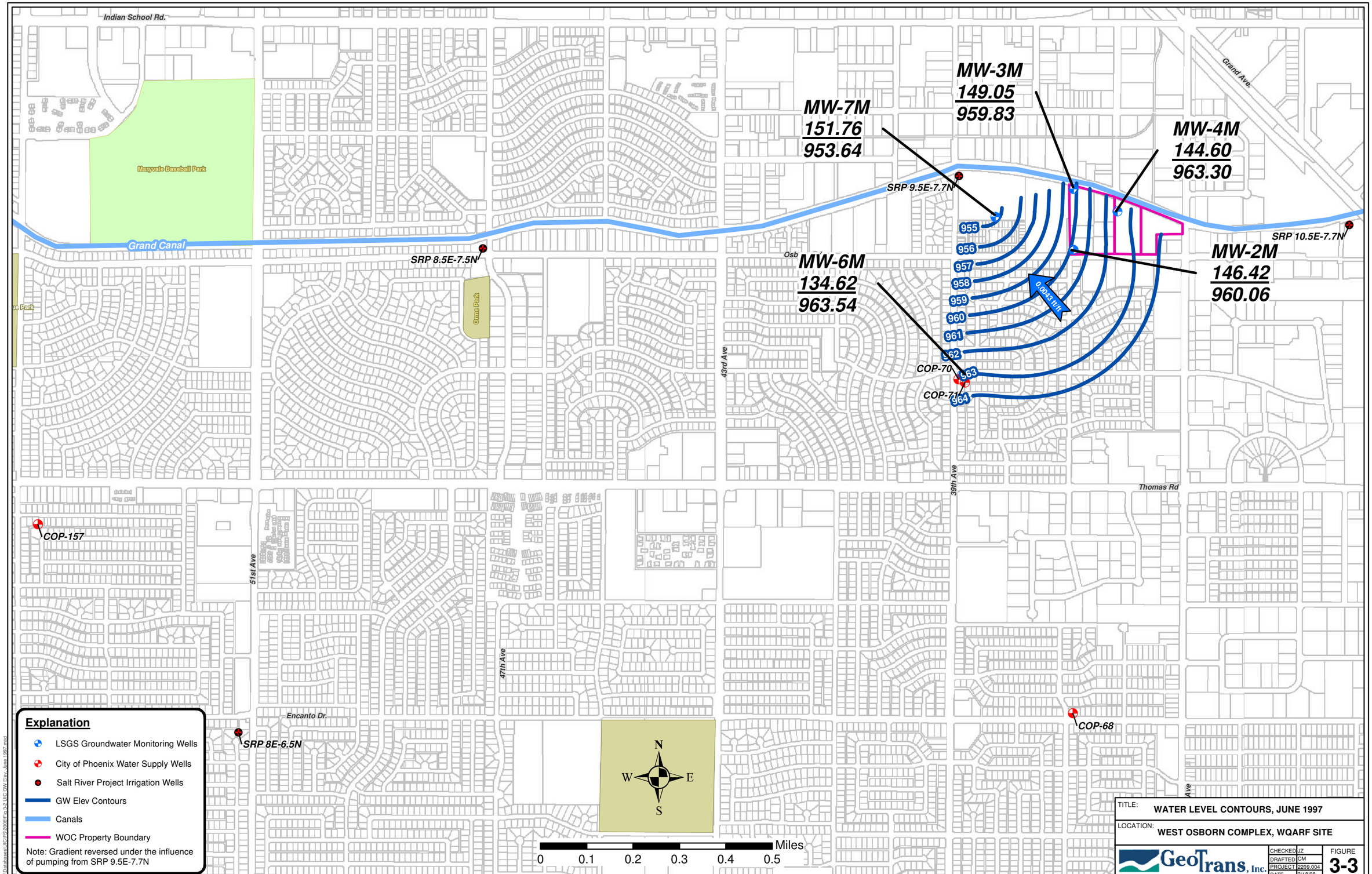


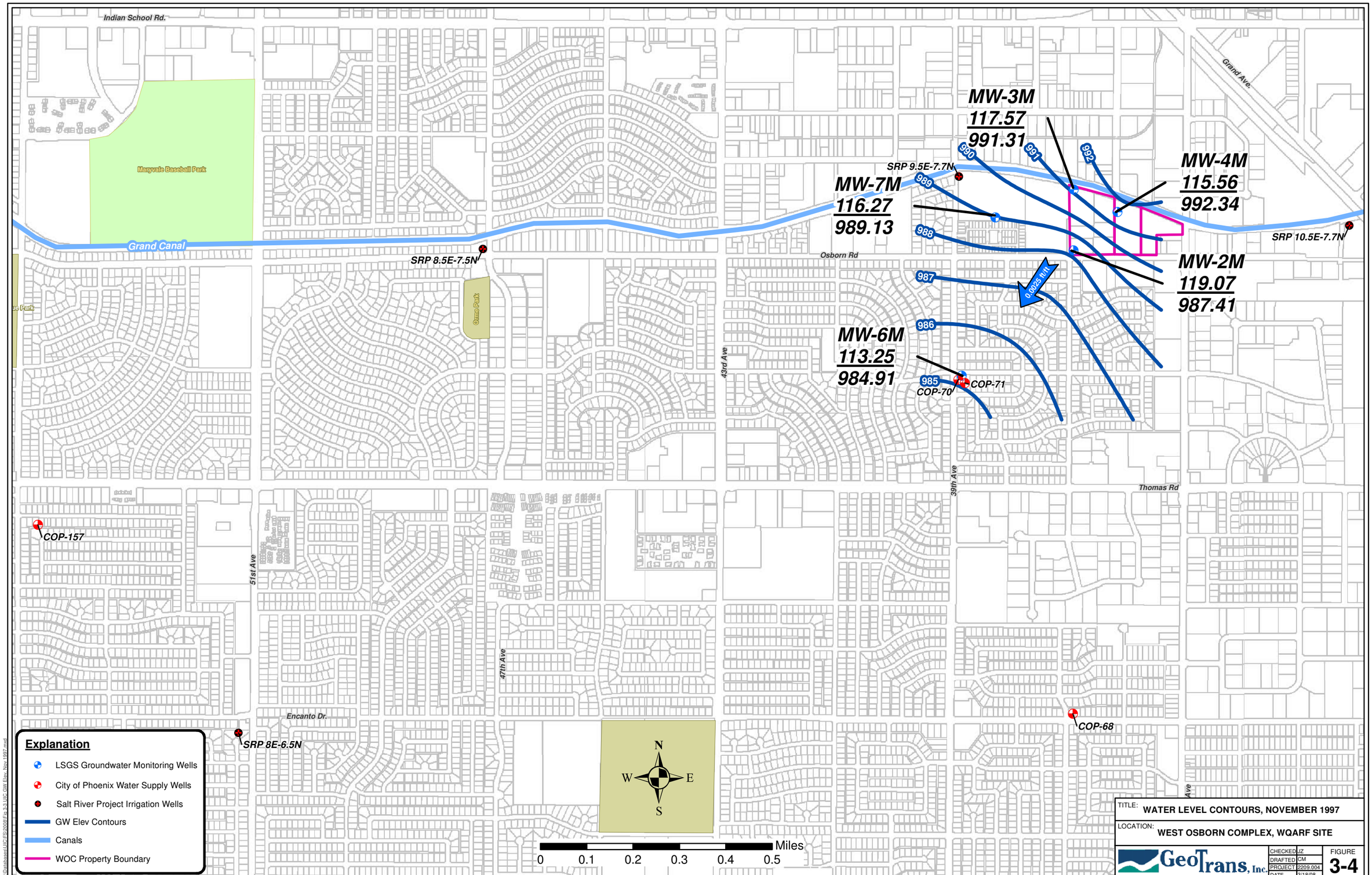
TITLE: LSGS PLUME BOUNDARY, SEPTEMBER 2011

LOCATION: WEST OSBORN COMPLEX WQARF SITE
PHOENIX, ARIZONA

GeoTrans, Inc.

CHECKED	JR	FIGURE:
DRAFTED	BB	3-2
PROJECT	2209.005	
DATE	1/23/2012	


Indian School Rd.
Maryvale Baseball Park
Grand Canal
SRP 8.5E-7.5N
Osborn Park
43rd Ave
MW-7M
151.76
953.64
MW-3M
149.05
959.83
MW-4M
144.60
963.30
SRP 9.5E-7.7N
SRP 10.5E-7.7N
Grand Ave.
MW-2M
146.42
960.06
Osb
MW-6M
134.62
963.54
955
956
957
958
959
960
961
962
963
964
0.0043 ft/ft
COP-70
COP-71
39th Ave
Thomas Rd
COP-157
51st Ave
47th Ave
Encanto Dr.
SRP 8E-6.5N
COP-68
N
W
E
S
Miles
0
0.1
0.2
0.3
0.4
0.5
Explanation
LSGS Groundwater Monitoring Wells
City of Phoenix Water Supply Wells
Salt River Project Irrigation Wells
GW Elev Contours
Canals
WOC Property Boundary
Note: Gradient reversed under the influence of pumping from SRP 9.5E-7.7N
P:\Databases\UIC\FS2008\Fig 3-2 UIC-GW Elev. June 1997.mxd
TITLE: WATER LEVEL CONTOURS, JUNE 1997
LOCATION: WEST OSBORN COMPLEX, WQARF SITE
GeoTrans, Inc.
CHECKED JZ
DRAFTED CM
PROJECT 2209.004
DATE 3/18/08
FIGURE 3-3



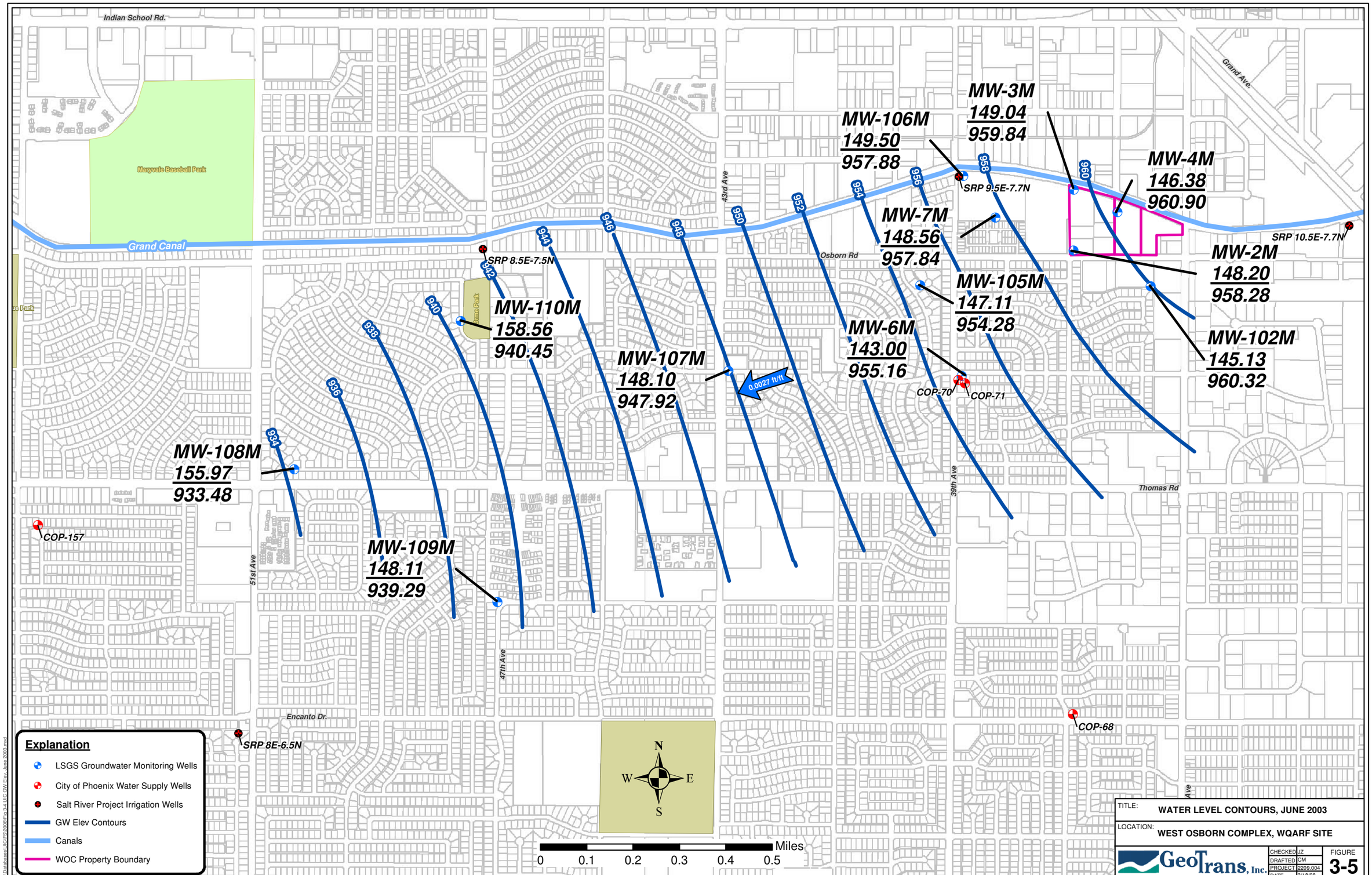
TITLE: WATER LEVEL CONTOURS, NOVEMBER 1997

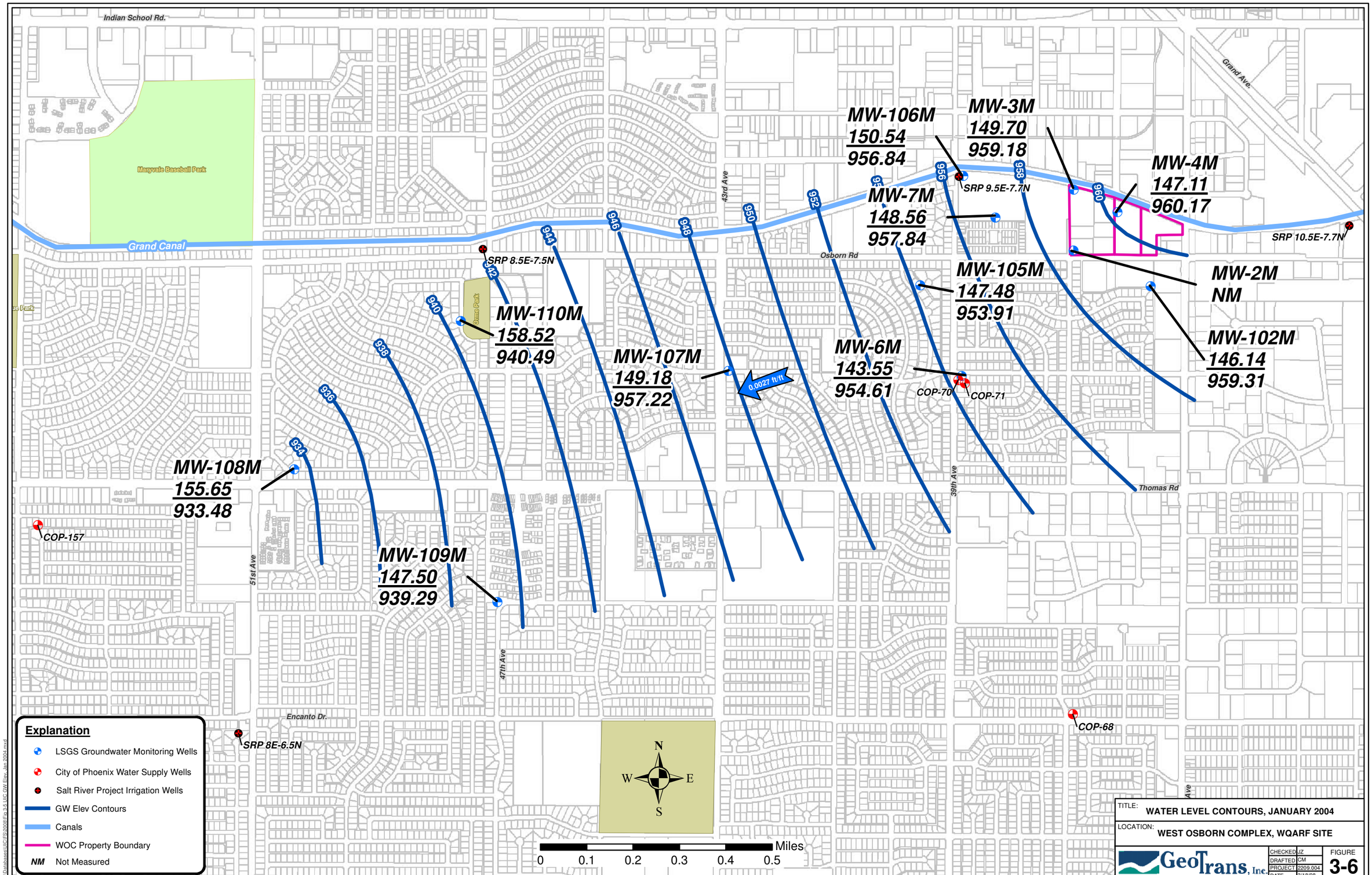
LOCATION: WEST OSBORN COMPLEX, WQARF SITE

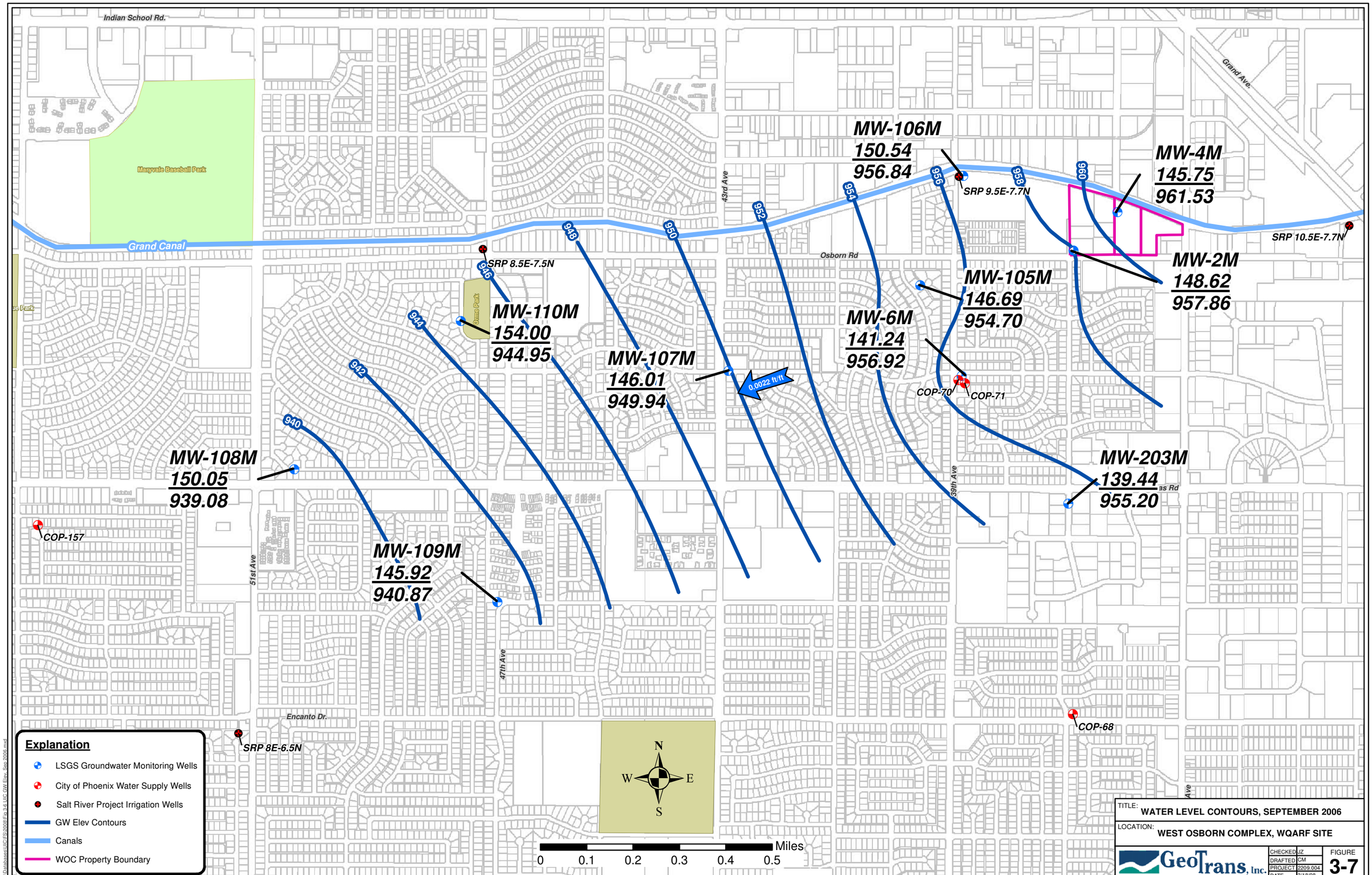
GeoTrans, Inc.

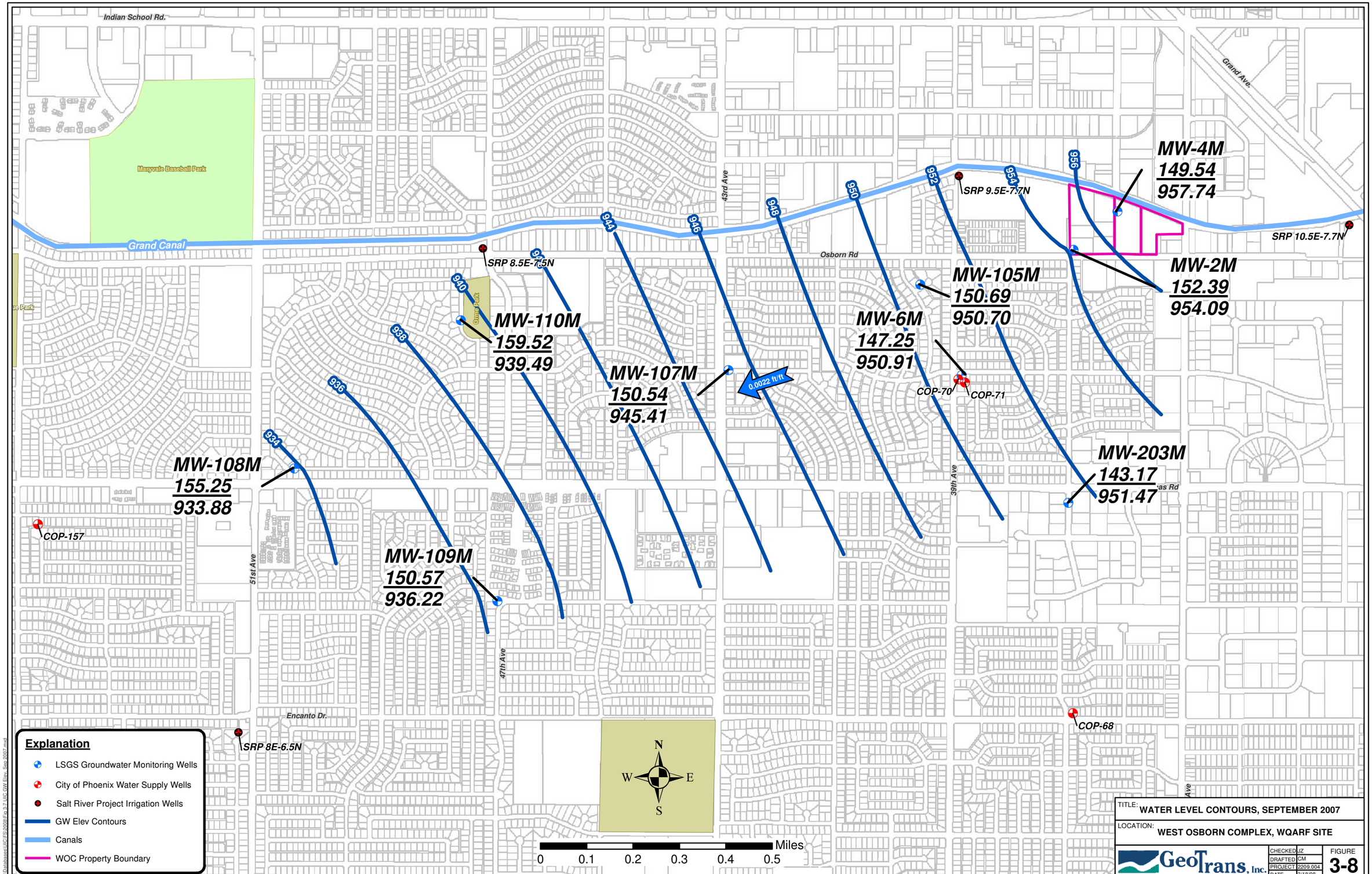
CHECKED	JZ
DRAFTED	CM
PROJECT	2209.004
DATE	3/18/08

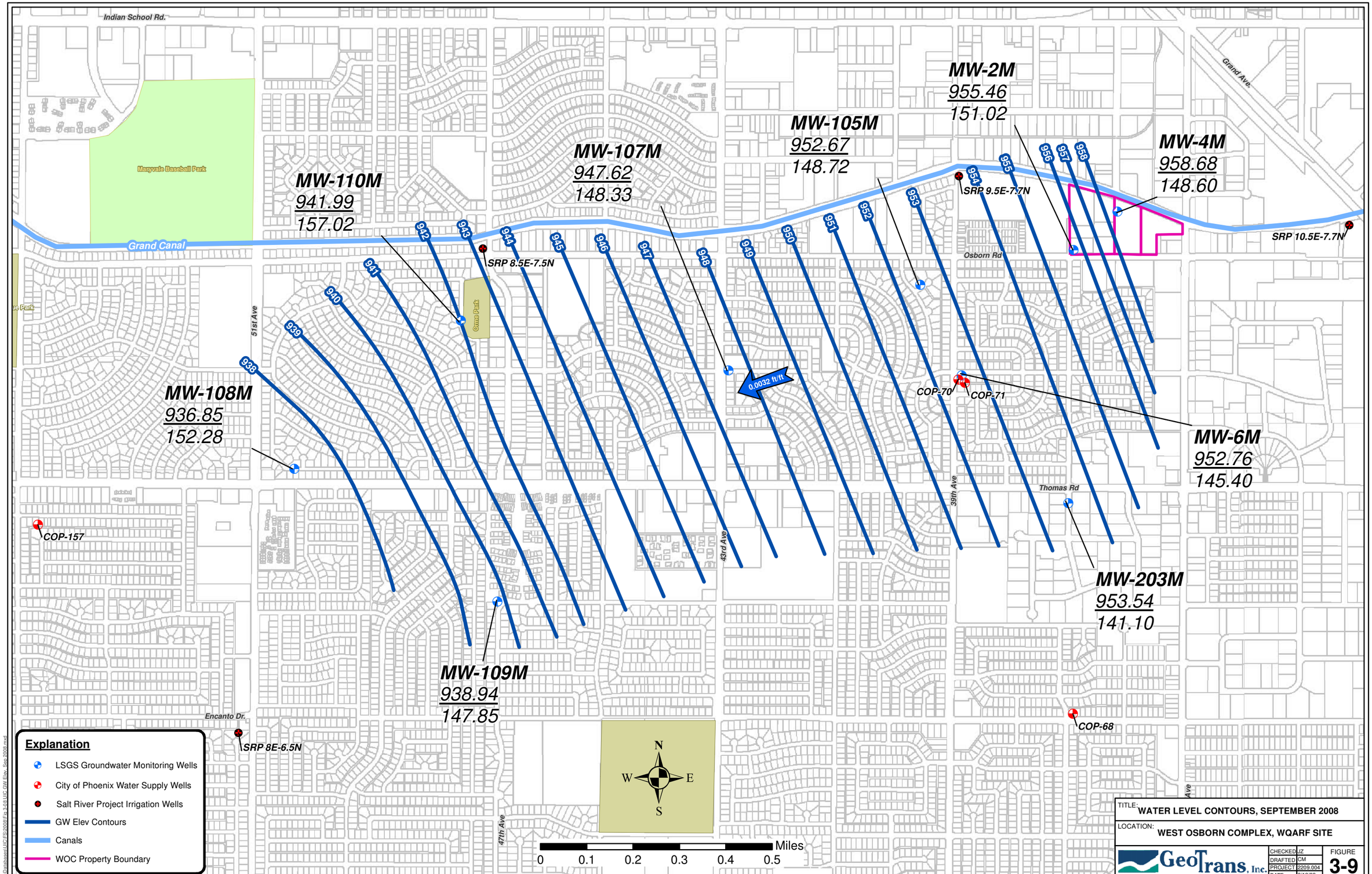
FIGURE 3-4

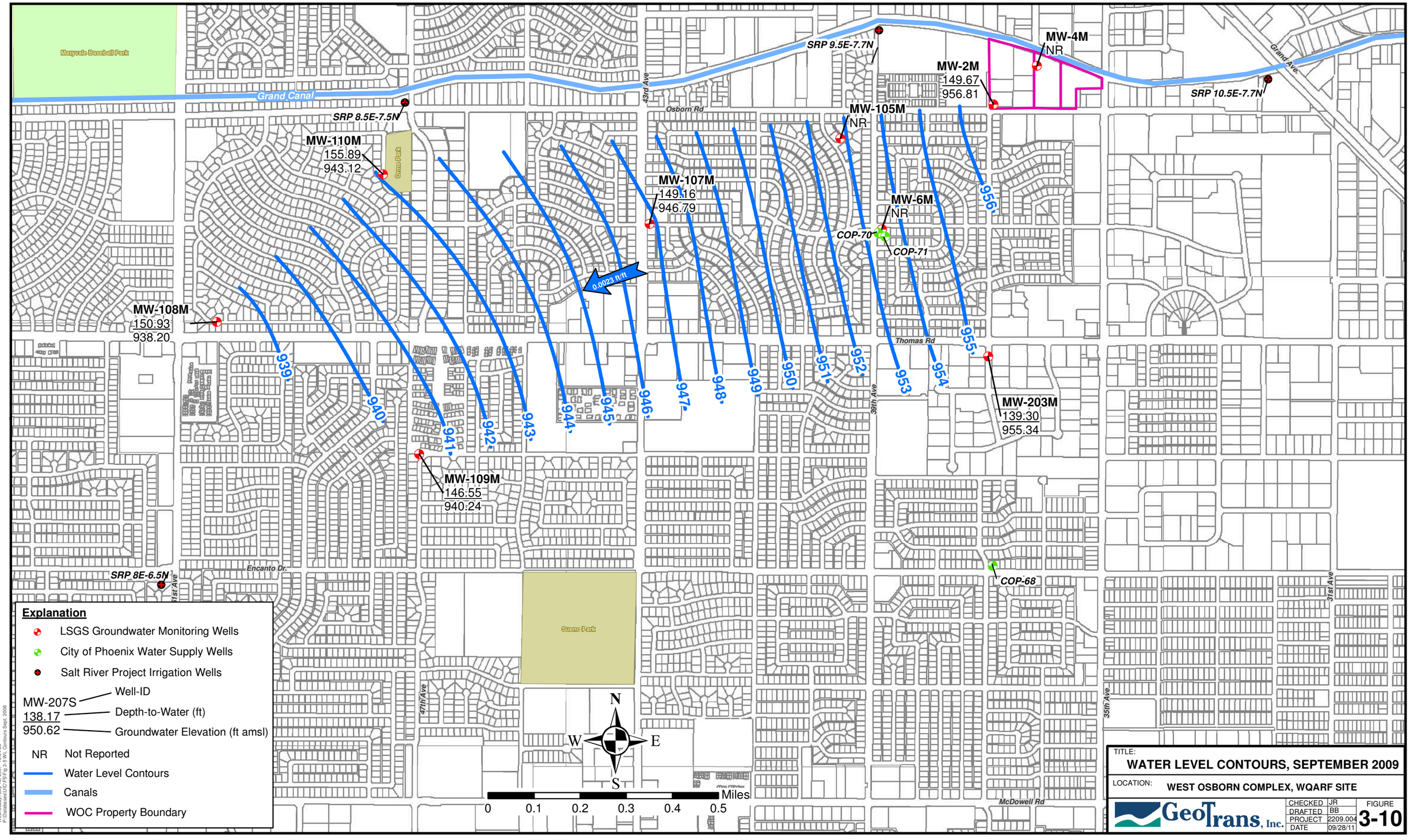

Indian School Rd.
Maryvale Baseball Park
Grand Canal
Grand Ave.
43rd Ave
Osborn Rd
39th Ave
Thomas Rd
51st Ave
47th Ave
Encanto Dr.
MW-3M
149.04
959.84
MW-106M
149.50
957.88
MW-4M
146.38
960.90
SRP 9.5E-7.7N
MW-7M
148.56
957.84
SRP 10.5E-7.7N
MW-2M
148.20
958.28
MW-105M
147.11
954.28
SRP 8.5E-7.5N
MW-110M
158.56
940.45
MW-6M
143.00
955.16
MW-102M
145.13
960.32
MW-107M
148.10
947.92
0.0027 ft/ft
COP-70
COP-71
MW-108M
155.97
933.48
COP-157
MW-109M
148.11
939.29
COP-68
SRP 8E-6.5N
934
936
938
940
942
944
946
948
950
952
954
956
958
960
N
W
E
S
0
0.1
0.2
0.3
0.4
0.5
Miles
Explanation
LSGS Groundwater Monitoring Wells
City of Phoenix Water Supply Wells
Salt River Project Irrigation Wells
GW Elev Contours
Canals
WOC Property Boundary
P:\Databases\UIC\FS2008\Fig 3-4 UIC GW Elev. June 2003.mxd
TITLE: WATER LEVEL CONTOURS, JUNE 2003
LOCATION: WEST OSBORN COMPLEX, WQARF SITE
GeoTrans, Inc.
CHECKED JZ
DRAFTED CM
PROJECT 2209.004
DATE 3/18/08
FIGURE
3-5


Indian School Rd.
Maryvale Baseball Park
Grand Canal
Grand Ave.
43rd Ave
Osborn Rd
39th Ave
Thomas Rd
51st Ave
47th Ave
Encanto Dr.
Orme Park
MW-106M
150.54
956.84
MW-3M
149.70
959.18
MW-4M
147.11
960.17
MW-7M
148.56
957.84
MW-105M
147.48
953.91
MW-2M
NM
MW-102M
146.14
959.31
MW-110M
158.52
940.49
MW-107M
149.18
957.22
MW-6M
143.55
954.61
MW-108M
155.65
933.48
MW-109M
147.50
939.29
0.0027 ft/ft
SRP 9.5E-7.7N
SRP 10.5E-7.7N
SRP 8.5E-7.5N
SRP 8E-6.5N
COP-70
COP-71
COP-157
COP-68
944
946
948
950
952
956
958
960
942
940
938
936
934
N
W
E
S
0
0.1
0.2
0.3
0.4
0.5
Miles
Explanation
LSGS Groundwater Monitoring Wells
City of Phoenix Water Supply Wells
Salt River Project Irrigation Wells
GW Elev Contours
Canals
WOC Property Boundary
NM Not Measured
P:\Databases\UIC\FS2008\Fig 3-6 UIC GW Elev. Jan 2004.mxd
TITLE: WATER LEVEL CONTOURS, JANUARY 2004
LOCATION: WEST OSBORN COMPLEX, WQARF SITE
GeoTrans, Inc.
CHECKED JZ
DRAFTED CM
PROJECT 2209.004
DATE 3/18/08
FIGURE 3-6


Indian School Rd.
Maryvale Baseball Park
Grand Canal
Grand Ave.
43rd Ave
Osborn Rd
39th Ave
51st Ave
47th Ave
Encanto Dr.
Orme Park
MW-106M
150.54
956.84
MW-4M
145.75
961.53
MW-2M
148.62
957.86
MW-105M
146.69
954.70
MW-6M
141.24
956.92
MW-110M
154.00
944.95
MW-107M
146.01
949.94
MW-108M
150.05
939.08
MW-109M
145.92
940.87
MW-203M
139.44
955.20
0.0022 ft/ft
SRP 9.5E-7.7N
SRP 10.5E-7.7N
SRP 8.5E-7.5N
SRP 8E-6.5N
COP-70
COP-71
COP-157
COP-68
940
942
944
946
948
950
952
954
956
958
960
N
W
E
S
0
0.1
0.2
0.3
0.4
0.5
Miles
Explanation
LSGS Groundwater Monitoring Wells
City of Phoenix Water Supply Wells
Salt River Project Irrigation Wells
GW Elev Contours
Canals
WOC Property Boundary
TITLE: WATER LEVEL CONTOURS, SEPTEMBER 2006
LOCATION: WEST OSBORN COMPLEX, WQARF SITE
GeoTrans, Inc.
CHECKED JZ
DRAFTED CM
PROJECT 2209.004
DATE 3/18/08
FIGURE 3-7


Indian School Rd.
Maryvale Baseball Park
Grand Canal
Grand Ave.
43rd Ave
Osborn Rd
39th Ave
51st Ave
47th Ave
Encanto Dr.
Orme Park
SRP 8.5E-7.5N
SRP 9.5E-7.7N
SRP 10.5E-7.7N
SRP 8E-6.5N
COP-157
COP-70
COP-71
COP-68
MW-4M
149.54
957.74
MW-2M
152.39
954.09
MW-105M
150.69
950.70
MW-6M
147.25
950.91
MW-110M
159.52
939.49
MW-107M
150.54
945.41
MW-108M
155.25
933.88
MW-109M
150.57
936.22
MW-203M
143.17
951.47
0.0022 ft/ft
933
936
938
940
942
944
946
948
950
952
954
956
Explanation
LSGS Groundwater Monitoring Wells
City of Phoenix Water Supply Wells
Salt River Project Irrigation Wells
GW Elev Contours
Canals
WOC Property Boundary
N
W
E
S
Miles
0
0.1
0.2
0.3
0.4
0.5
TITLE: WATER LEVEL CONTOURS, SEPTEMBER 2007
LOCATION: WEST OSBORN COMPLEX, WQARF SITE
GeoTrans, Inc.
CHECKED JZ
DRAFTED CM
PROJECT 2209.004
DATE 3/18/08
FIGURE
3-8
P:\Databases\UIC\FS2008\Fig 3-7 UIC GW Elev. Sep 2007.mxd


Indian School Rd.
Maryvale Baseball Park
Grand Canal
Grand Ave.
Osborn Rd
Thomas Rd
51st Ave
43rd Ave
39th Ave
47th Ave
Encanto Dr.
Orme Park
MW-110M
941.99
157.02
MW-107M
947.62
148.33
MW-105M
952.67
148.72
MW-2M
955.46
151.02
MW-4M
958.68
148.60
MW-6M
952.76
145.40
MW-203M
953.54
141.10
MW-108M
936.85
152.28
MW-109M
938.94
147.85
SRP 8.5E-7.5N
SRP 9.5E-7.7N
SRP 10.5E-7.7N
SRP 8E-6.5N
COP-70
COP-71
COP-157
COP-68
0.0032 ft/ft
938
939
940
941
942
943
944
945
946
947
948
949
950
951
952
953
954
955
956
957
958
N
W
E
S
0
0.1
0.2
0.3
0.4
0.5
Miles
Explanation
LSGS Groundwater Monitoring Wells
City of Phoenix Water Supply Wells
Salt River Project Irrigation Wells
GW Elev Contours
Canals
WOC Property Boundary
TITLE: WATER LEVEL CONTOURS, SEPTEMBER 2008
LOCATION: WEST OSBORN COMPLEX, WQARF SITE
GeoTrans, Inc.
CHECKED JZ
DRAFTED CM
PROJECT 2209.004
DATE 3/18/08
FIGURE 3-9
P:\Databases\UIC\CFS2008\Fig 3-9 UIC-GW Elev. Sep 2008.mxd



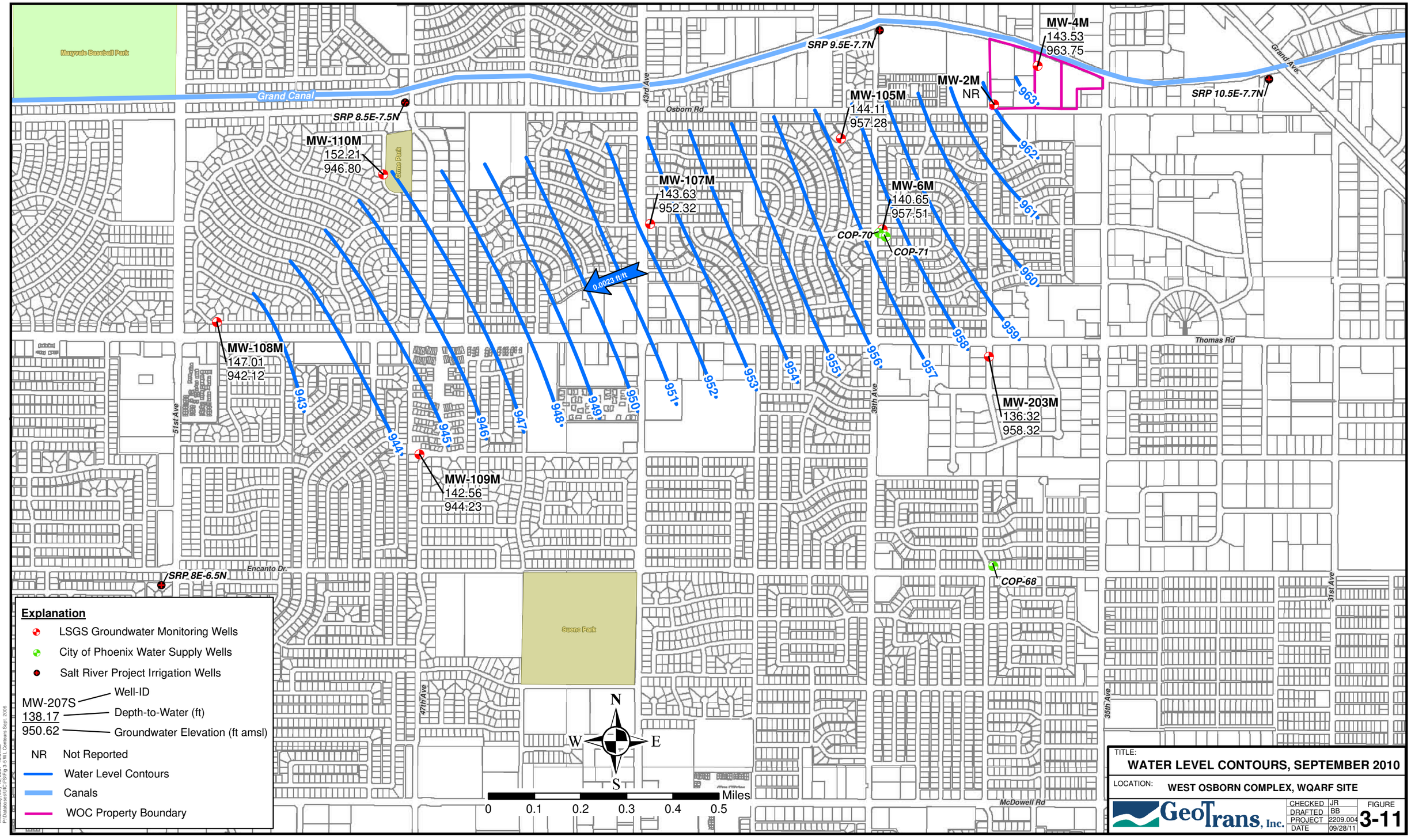
TITLE: WATER LEVEL CONTOURS, SEPTEMBER 2009

LOCATION: WEST OSBORN COMPLEX, WQARF SITE

GeoTrans, Inc.

CHECKED	JR
DRAFTED	BB
PROJECT	2209.004
DATE	09/28/11

FIGURE 3-10

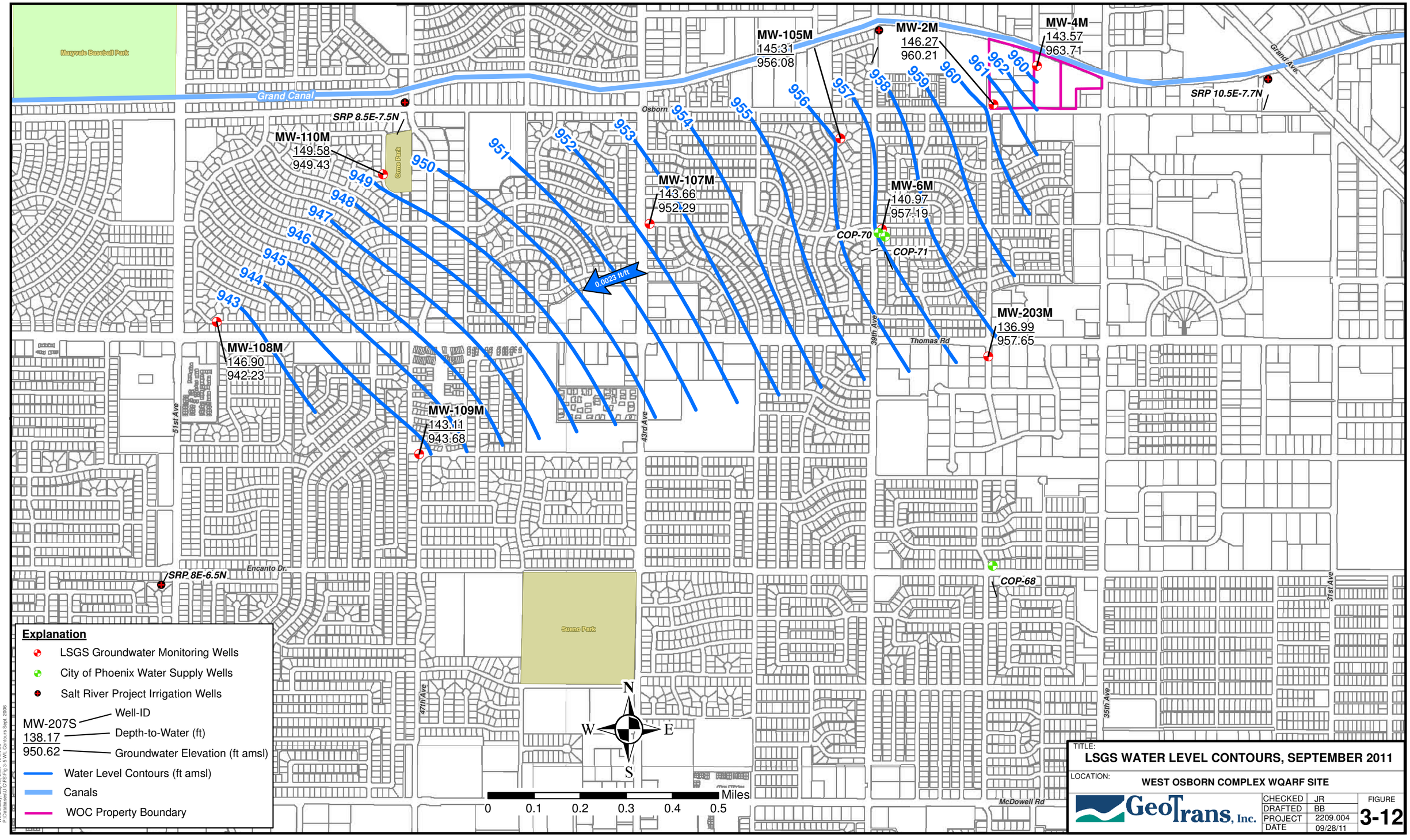


TITLE:
WATER LEVEL CONTOURS, SEPTEMBER 2010

LOCATION: **WEST OSBORN COMPLEX, WQARF SITE**

GeoTrans, Inc.

CHECKED	JR	FIGURE
DRAFTED	BB	3-11
PROJECT	2209.004	
DATE	09/28/11	

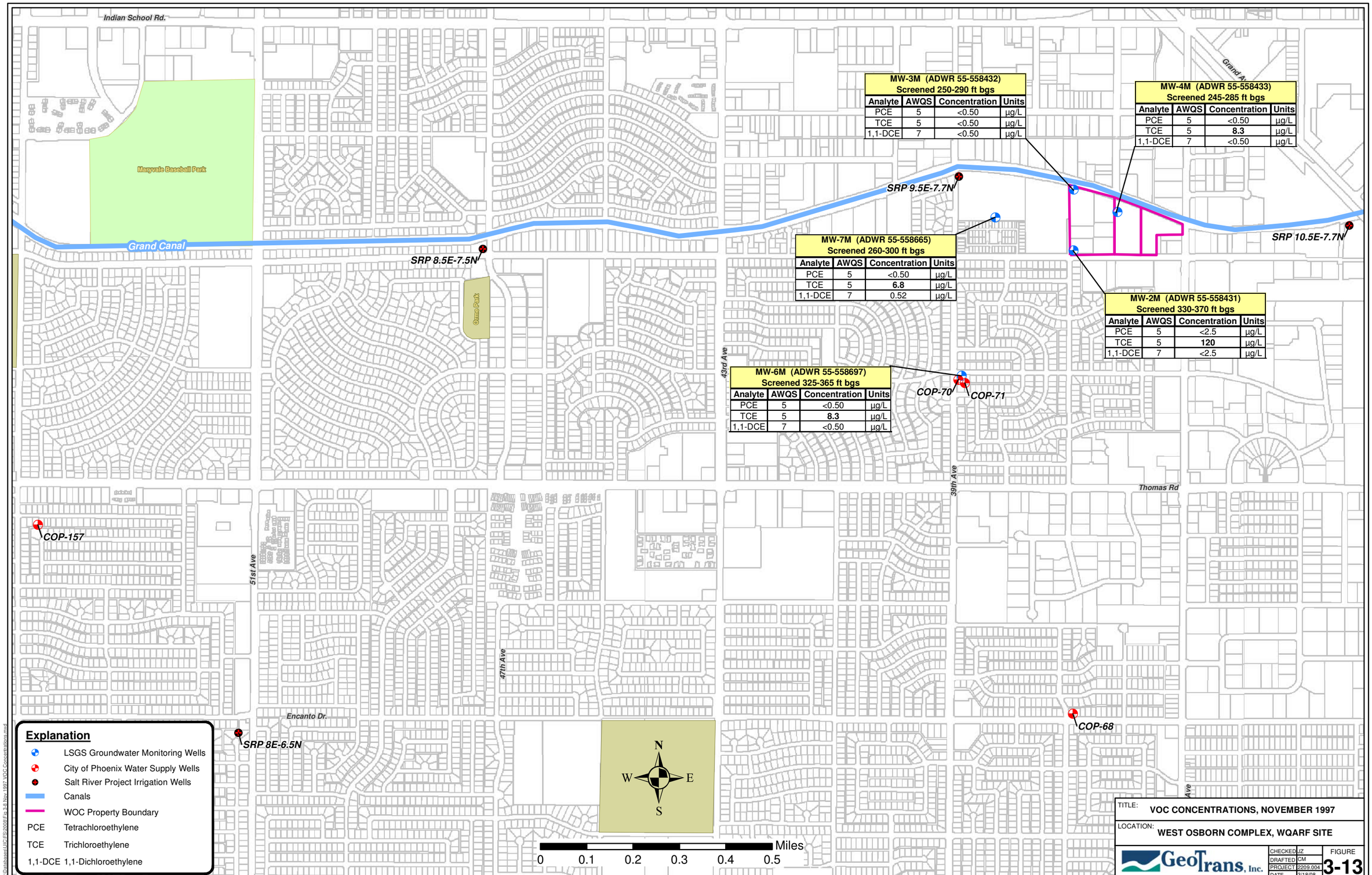


TITLE:
LSGS WATER LEVEL CONTOURS, SEPTEMBER 2011

LOCATION:
WEST OSBORN COMPLEX WQARF SITE

GeoTrans, Inc.

CHECKED	JR	FIGURE
DRAFTED	BB	3-12
PROJECT	2209.004	
DATE	09/28/11	



MW-3M (ADWR 55-558432)
Screened 250-290 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<0.50	µg/L
TCE	5	<0.50	µg/L
1,1-DCE	7	<0.50	µg/L

MW-4M (ADWR 55-558433)
Screened 245-285 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<0.50	µg/L
TCE	5	**8.3**	µg/L
1,1-DCE	7	<0.50	µg/L

MW-7M (ADWR 55-558665)
Screened 260-300 ft bgs

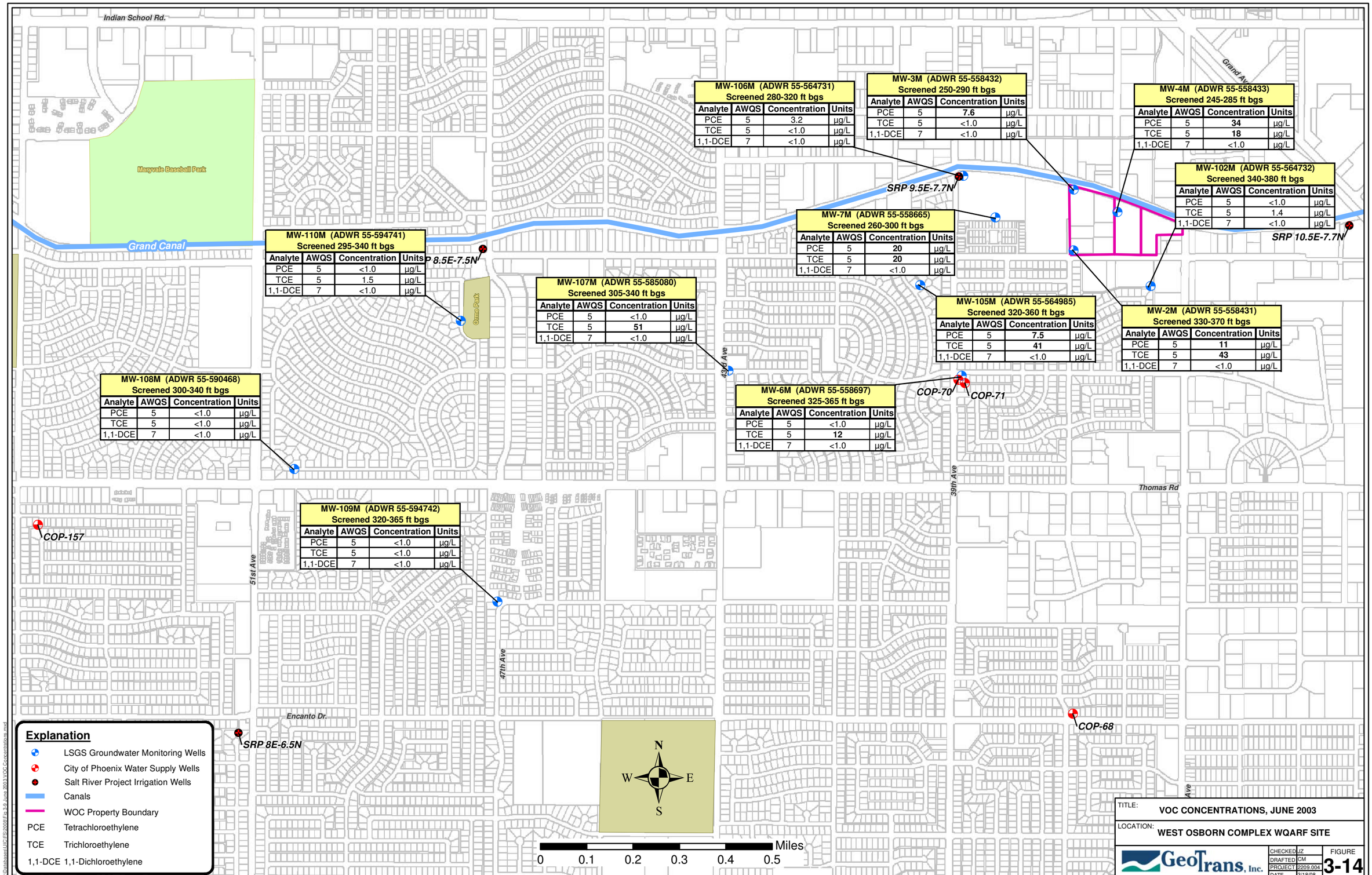
Analyte	AWQS	Concentration	Units
PCE	5	<0.50	µg/L
TCE	5	**6.8**	µg/L
1,1-DCE	7	0.52	µg/L

MW-2M (ADWR 55-558431)
Screened 330-370 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<2.5	µg/L
TCE	5	**120**	µg/L
1,1-DCE	7	<2.5	µg/L

MW-6M (ADWR 55-558697)
Screened 325-365 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<0.50	µg/L
TCE	5	**8.3**	µg/L
1,1-DCE	7	<0.50	µg/L



MW-106M (ADWR 55-564731)
Screened 280-320 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	3.2	µg/L
TCE	5	<1.0	µg/L
1,1-DCE	7	<1.0	µg/L

MW-3M (ADWR 55-558432)
Screened 250-290 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	**7.6**	µg/L
TCE	5	<1.0	µg/L
1,1-DCE	7	<1.0	µg/L

MW-4M (ADWR 55-558433)
Screened 245-285 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	**34**	µg/L
TCE	5	**18**	µg/L
1,1-DCE	7	<1.0	µg/L

MW-102M (ADWR 55-564732)
Screened 340-380 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<1.0	µg/L
TCE	5	1.4	µg/L
1,1-DCE	7	<1.0	µg/L

MW-7M (ADWR 55-558665)
Screened 260-300 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	**20**	µg/L
TCE	5	**20**	µg/L
1,1-DCE	7	<1.0	µg/L

MW-110M (ADWR 55-594741)
Screened 295-340 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<1.0	µg/L
TCE	5	1.5	µg/L
1,1-DCE	7	<1.0	µg/L

MW-107M (ADWR 55-585080)
Screened 305-340 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<1.0	µg/L
TCE	5	**51**	µg/L
1,1-DCE	7	<1.0	µg/L

MW-105M (ADWR 55-564985)
Screened 320-360 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	**7.5**	µg/L
TCE	5	**41**	µg/L
1,1-DCE	7	<1.0	µg/L

MW-2M (ADWR 55-558431)
Screened 330-370 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	**11**	µg/L
TCE	5	**43**	µg/L
1,1-DCE	7	<1.0	µg/L

MW-108M (ADWR 55-590468)
Screened 300-340 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<1.0	µg/L
TCE	5	<1.0	µg/L
1,1-DCE	7	<1.0	µg/L

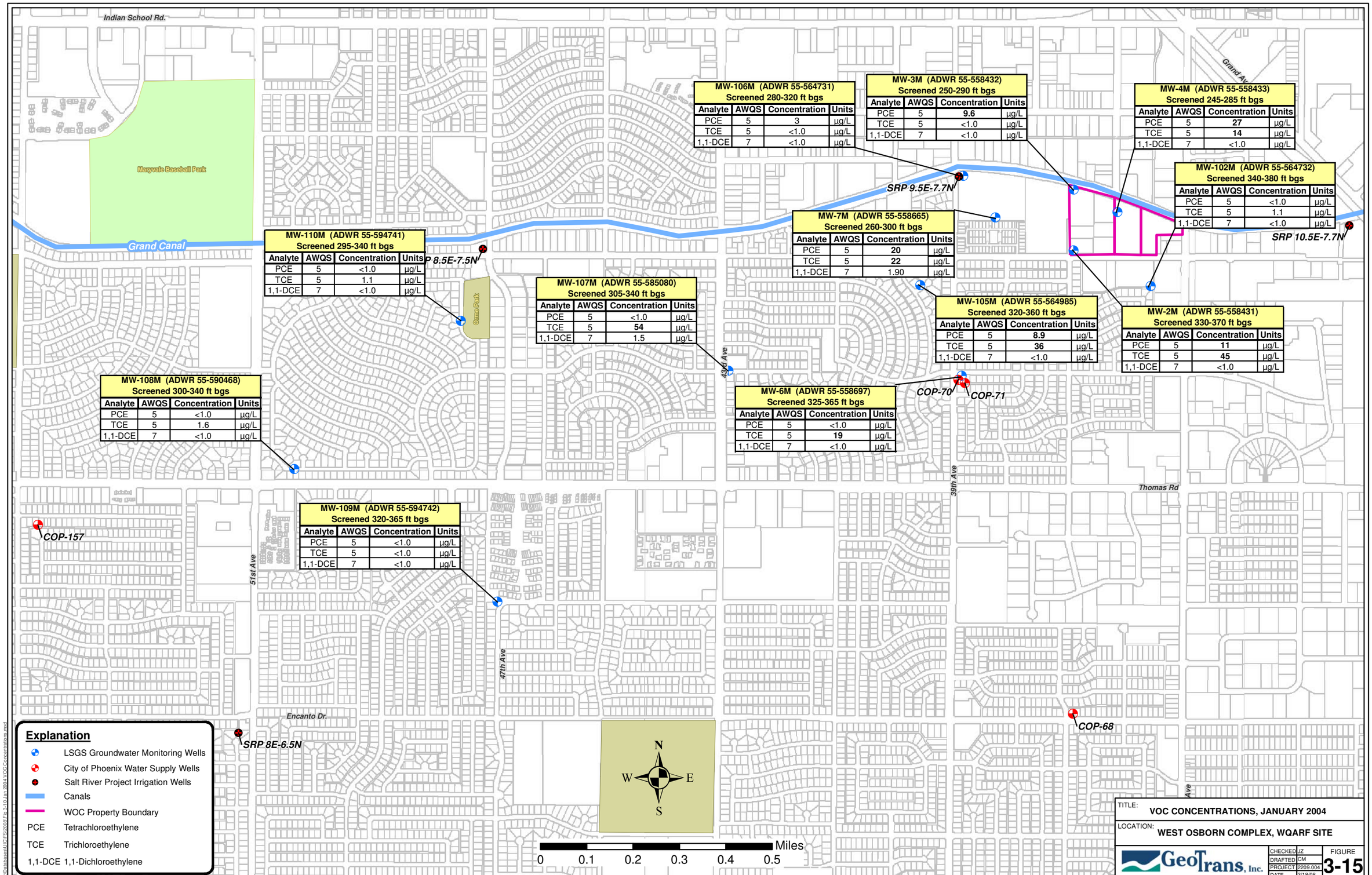
MW-6M (ADWR 55-558697)
Screened 325-365 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<1.0	µg/L
TCE	5	**12**	µg/L
1,1-DCE	7	<1.0	µg/L

MW-109M (ADWR 55-594742)
Screened 320-365 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<1.0	µg/L
TCE	5	<1.0	µg/L
1,1-DCE	7	<1.0	µg/L

P:\Databases\UIC-FS\2008\Fig 3-9 June 2003 VOC Concentrations.mxd



MW-106M (ADWR 55-564731)
Screened 280-320 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	3	µg/L
TCE	5	<1.0	µg/L
1,1-DCE	7	<1.0	µg/L

MW-3M (ADWR 55-558432)
Screened 250-290 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	**9.6**	µg/L
TCE	5	<1.0	µg/L
1,1-DCE	7	<1.0	µg/L

MW-4M (ADWR 55-558433)
Screened 245-285 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	**27**	µg/L
TCE	5	**14**	µg/L
1,1-DCE	7	<1.0	µg/L

MW-102M (ADWR 55-564732)
Screened 340-380 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<1.0	µg/L
TCE	5	1.1	µg/L
1,1-DCE	7	<1.0	µg/L

MW-110M (ADWR 55-594741)
Screened 295-340 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<1.0	µg/L
TCE	5	1.1	µg/L
1,1-DCE	7	<1.0	µg/L

MW-7M (ADWR 55-558665)
Screened 260-300 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	**20**	µg/L
TCE	5	**22**	µg/L
1,1-DCE	7	1.90	µg/L

MW-107M (ADWR 55-585080)
Screened 305-340 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<1.0	µg/L
TCE	5	**54**	µg/L
1,1-DCE	7	1.5	µg/L

MW-105M (ADWR 55-564985)
Screened 320-360 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	**8.9**	µg/L
TCE	5	**36**	µg/L
1,1-DCE	7	<1.0	µg/L

MW-2M (ADWR 55-558431)
Screened 330-370 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	**11**	µg/L
TCE	5	**45**	µg/L
1,1-DCE	7	<1.0	µg/L

MW-108M (ADWR 55-590468)
Screened 300-340 ft bgs

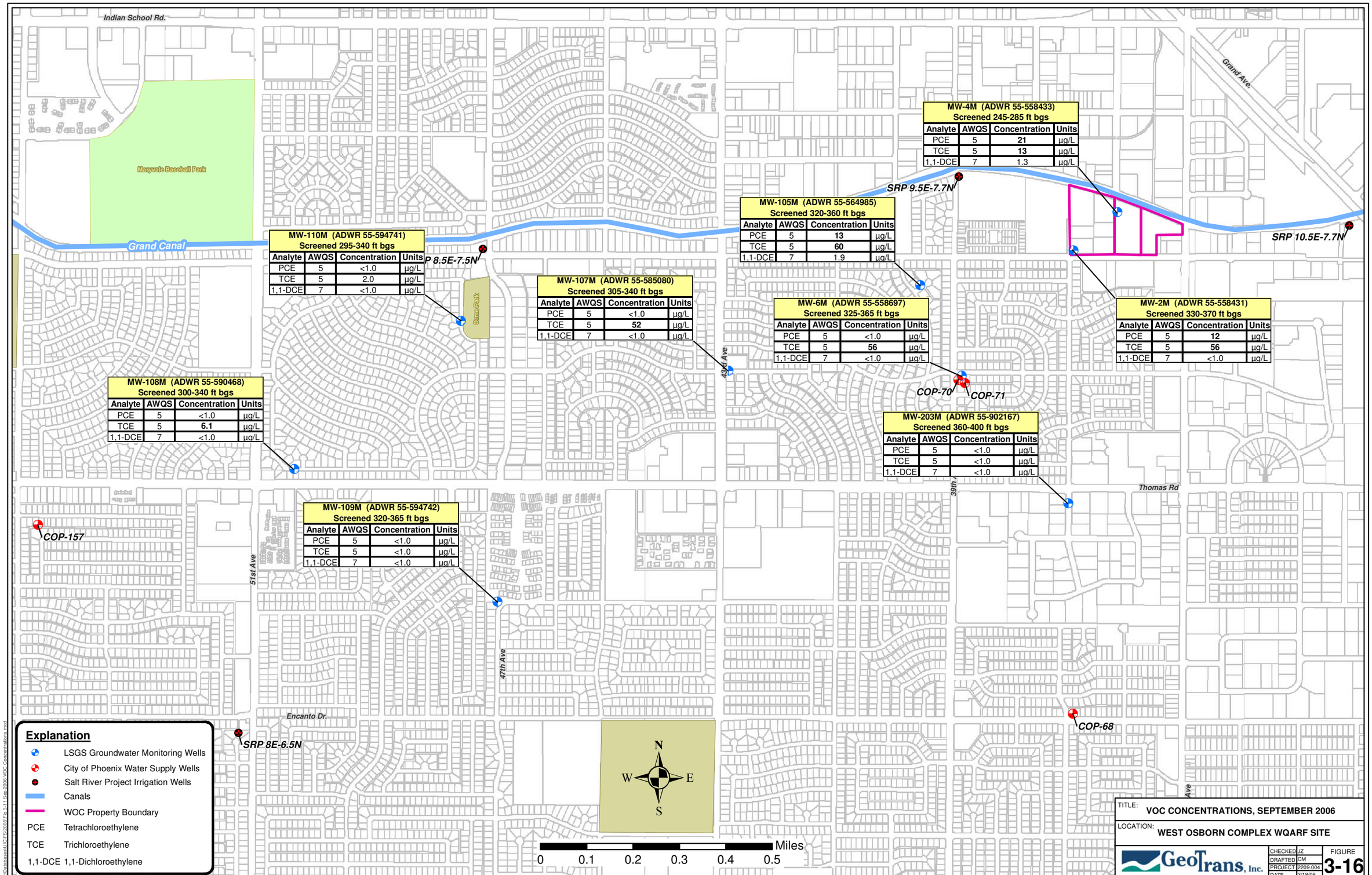
Analyte	AWQS	Concentration	Units
PCE	5	<1.0	µg/L
TCE	5	1.6	µg/L
1,1-DCE	7	<1.0	µg/L

MW-6M (ADWR 55-558697)
Screened 325-365 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<1.0	µg/L
TCE	5	**19**	µg/L
1,1-DCE	7	<1.0	µg/L

MW-109M (ADWR 55-594742)
Screened 320-365 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<1.0	µg/L
TCE	5	<1.0	µg/L
1,1-DCE	7	<1.0	µg/L



MW-110M (ADWR 55-594741)
Screened 295-340 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<1.0	µg/L
TCE	5	2.0	µg/L
1,1-DCE	7	<1.0	µg/L

MW-107M (ADWR 55-585080)
Screened 305-340 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<1.0	µg/L
TCE	5	**52**	µg/L
1,1-DCE	7	<1.0	µg/L

MW-108M (ADWR 55-590468)
Screened 300-340 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<1.0	µg/L
TCE	5	**6.1**	µg/L
1,1-DCE	7	<1.0	µg/L

MW-109M (ADWR 55-594742)
Screened 320-365 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<1.0	µg/L
TCE	5	<1.0	µg/L
1,1-DCE	7	<1.0	µg/L

MW-105M (ADWR 55-564985)
Screened 320-360 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	**13**	µg/L
TCE	5	**60**	µg/L
1,1-DCE	7	1.9	µg/L

MW-6M (ADWR 55-558697)
Screened 325-365 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<1.0	µg/L
TCE	5	**56**	µg/L
1,1-DCE	7	<1.0	µg/L

MW-4M (ADWR 55-558433)
Screened 245-285 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	**21**	µg/L
TCE	5	**13**	µg/L
1,1-DCE	7	1.3	µg/L

MW-2M (ADWR 55-558431)
Screened 330-370 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	**12**	µg/L
TCE	5	**56**	µg/L
1,1-DCE	7	<1.0	µg/L

MW-203M (ADWR 55-902167)
Screened 360-400 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<1.0	µg/L
TCE	5	<1.0	µg/L
1,1-DCE	7	<1.0	µg/L

Explanation

- LSGS Groundwater Monitoring Wells
- City of Phoenix Water Supply Wells
- Salt River Project Irrigation Wells
- Canals
- WOC Property Boundary
- PCE Tetrachloroethylene
- TCE Trichloroethylene
- 1,1-DCE 1,1-Dichloroethylene

TITLE: VOC CONCENTRATIONS, SEPTEMBER 2006

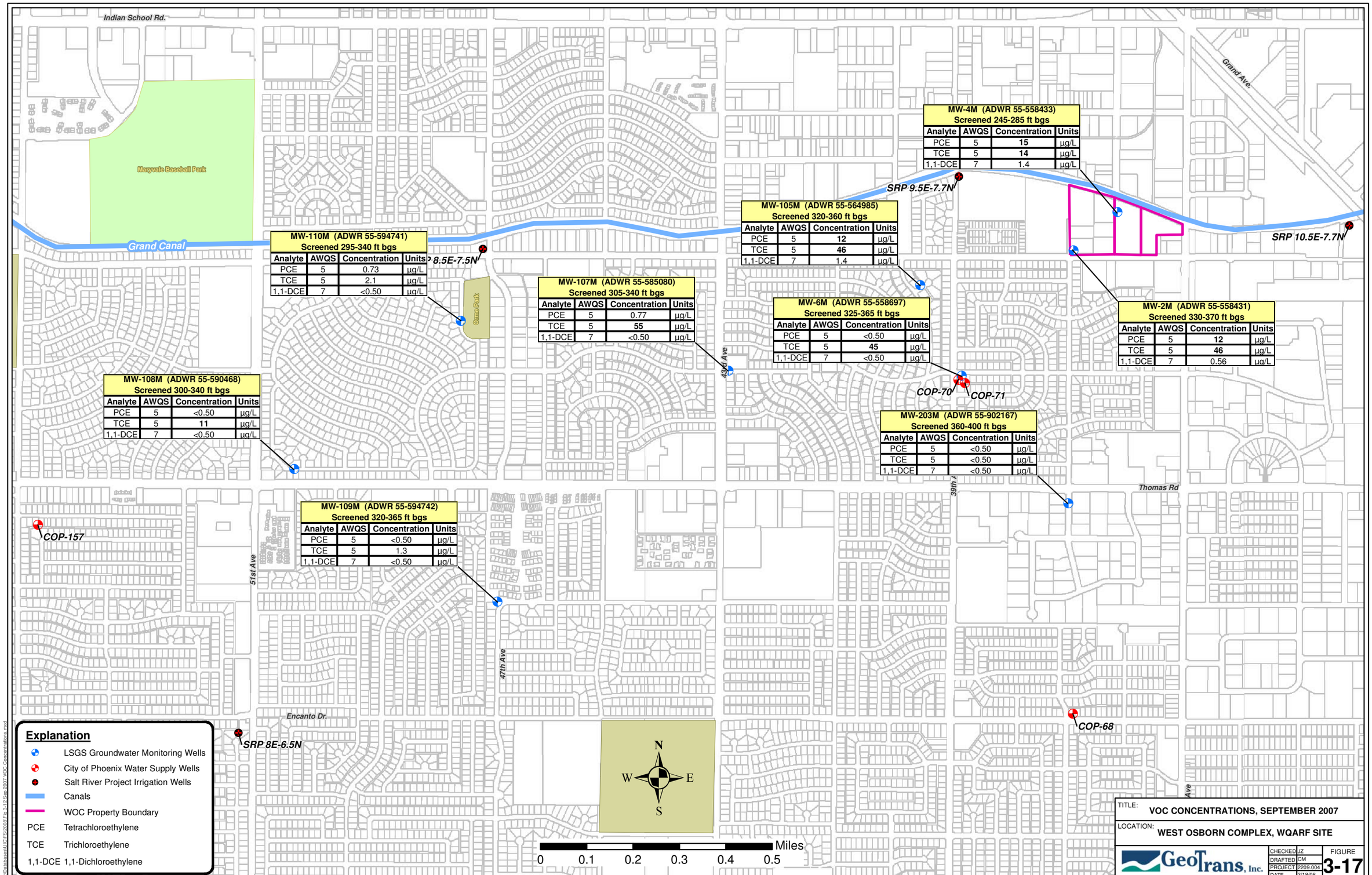
LOCATION: WEST OSBORN COMPLEX WQARF SITE

GeoTrans, Inc.

CHECKED	JZ
DRAFTED	CM
PROJECT	2209.004
DATE	3/18/08

FIGURE 3-16

P:\Databases\UIC-FS\2008\Fig 3-1 1 Sep 2006 VOC Concentrations.mxd



MW-4M (ADWR 55-558433)
Screened 245-285 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	**15**	µg/L
TCE	5	**14**	µg/L
1,1-DCE	7	1.4	µg/L

MW-105M (ADWR 55-564985)
Screened 320-360 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	**12**	µg/L
TCE	5	**46**	µg/L
1,1-DCE	7	1.4	µg/L

MW-110M (ADWR 55-594741)
Screened 295-340 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	0.73	µg/L
TCE	5	2.1	µg/L
1,1-DCE	7	<0.50	µg/L

MW-107M (ADWR 55-585080)
Screened 305-340 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	0.77	µg/L
TCE	5	**55**	µg/L
1,1-DCE	7	<0.50	µg/L

MW-6M (ADWR 55-558697)
Screened 325-365 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<0.50	µg/L
TCE	5	**45**	µg/L
1,1-DCE	7	<0.50	µg/L

MW-2M (ADWR 55-558431)
Screened 330-370 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	**12**	µg/L
TCE	5	**46**	µg/L
1,1-DCE	7	0.56	µg/L

MW-108M (ADWR 55-590468)
Screened 300-340 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<0.50	µg/L
TCE	5	**11**	µg/L
1,1-DCE	7	<0.50	µg/L

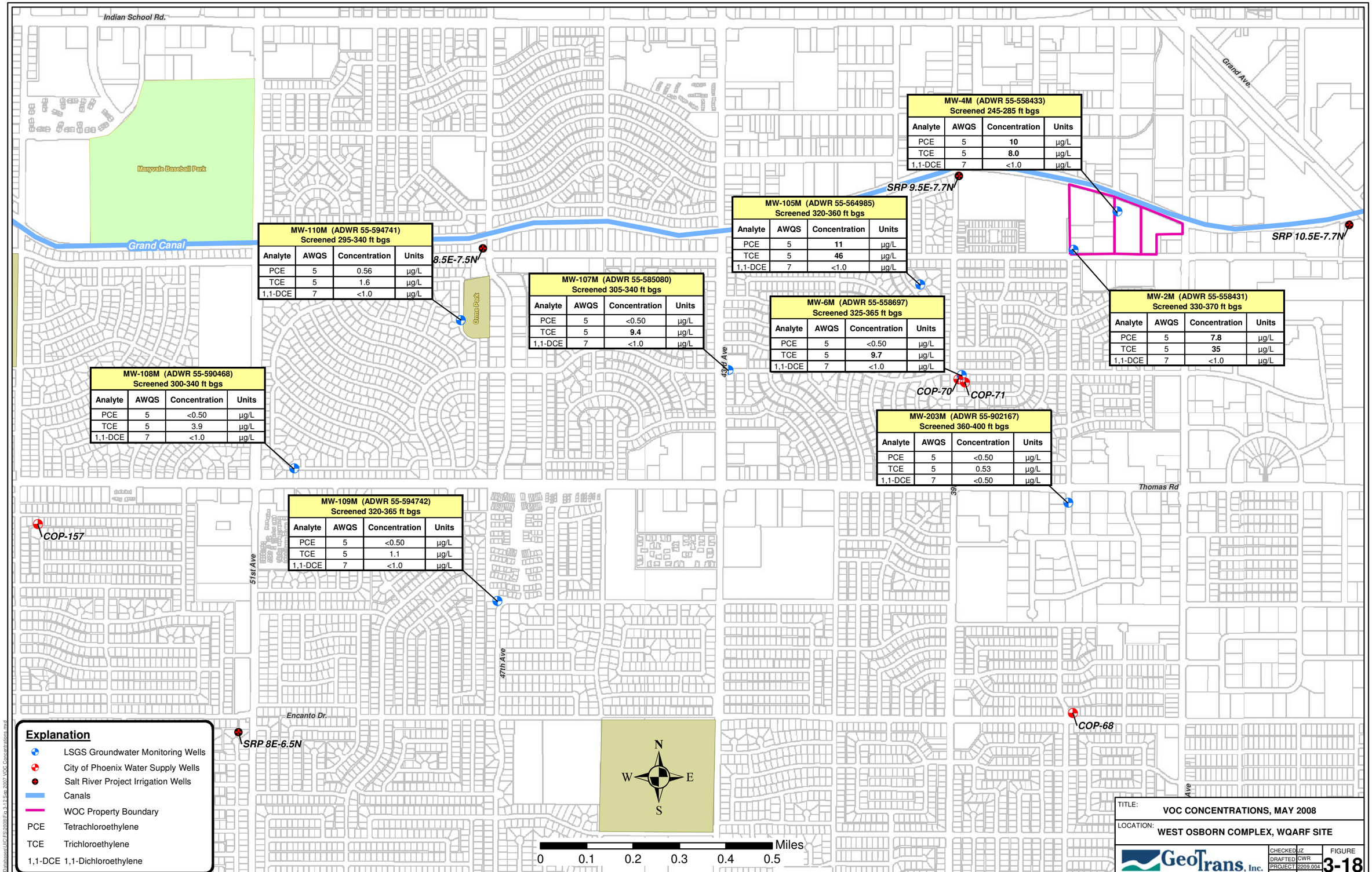
MW-203M (ADWR 55-902167)
Screened 360-400 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<0.50	µg/L
TCE	5	<0.50	µg/L
1,1-DCE	7	<0.50	µg/L

MW-109M (ADWR 55-594742)
Screened 320-365 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<0.50	µg/L
TCE	5	1.3	µg/L
1,1-DCE	7	<0.50	µg/L

P:\Databases\UIC-FS\2008\Fig 3-1 2 Sep 2007 VOC Concentrations.mxd



MW-4M (ADWR 55-558433)
Screened 245-285 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	**10**	µg/L
TCE	5	**8.0**	µg/L
1,1-DCE	7	<1.0	µg/L

MW-105M (ADWR 55-564985)
Screened 320-360 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	**11**	µg/L
TCE	5	**46**	µg/L
1,1-DCE	7	<1.0	µg/L

MW-110M (ADWR 55-594741)
Screened 295-340 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	0.56	µg/L
TCE	5	1.6	µg/L
1,1-DCE	7	<1.0	µg/L

MW-107M (ADWR 55-585080)
Screened 305-340 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<0.50	µg/L
TCE	5	**9.4**	µg/L
1,1-DCE	7	<1.0	µg/L

MW-6M (ADWR 55-558697)
Screened 325-365 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<0.50	µg/L
TCE	5	**9.7**	µg/L
1,1-DCE	7	<1.0	µg/L

MW-2M (ADWR 55-558431)
Screened 330-370 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	**7.8**	µg/L
TCE	5	**35**	µg/L
1,1-DCE	7	<1.0	µg/L

MW-108M (ADWR 55-590468)
Screened 300-340 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<0.50	µg/L
TCE	5	3.9	µg/L
1,1-DCE	7	<1.0	µg/L

MW-203M (ADWR 55-902167)
Screened 360-400 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<0.50	µg/L
TCE	5	0.53	µg/L
1,1-DCE	7	<0.50	µg/L

MW-109M (ADWR 55-594742)
Screened 320-365 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<0.50	µg/L
TCE	5	1.1	µg/L
1,1-DCE	7	<1.0	µg/L

Explanation

- LSGS Groundwater Monitoring Wells
- City of Phoenix Water Supply Wells
- Salt River Project Irrigation Wells
- Canals
- WOC Property Boundary
- PCE Tetrachloroethylene
- TCE Trichloroethylene
- 1,1-DCE 1,1-Dichloroethylene

TITLE: VOC CONCENTRATIONS, MAY 2008

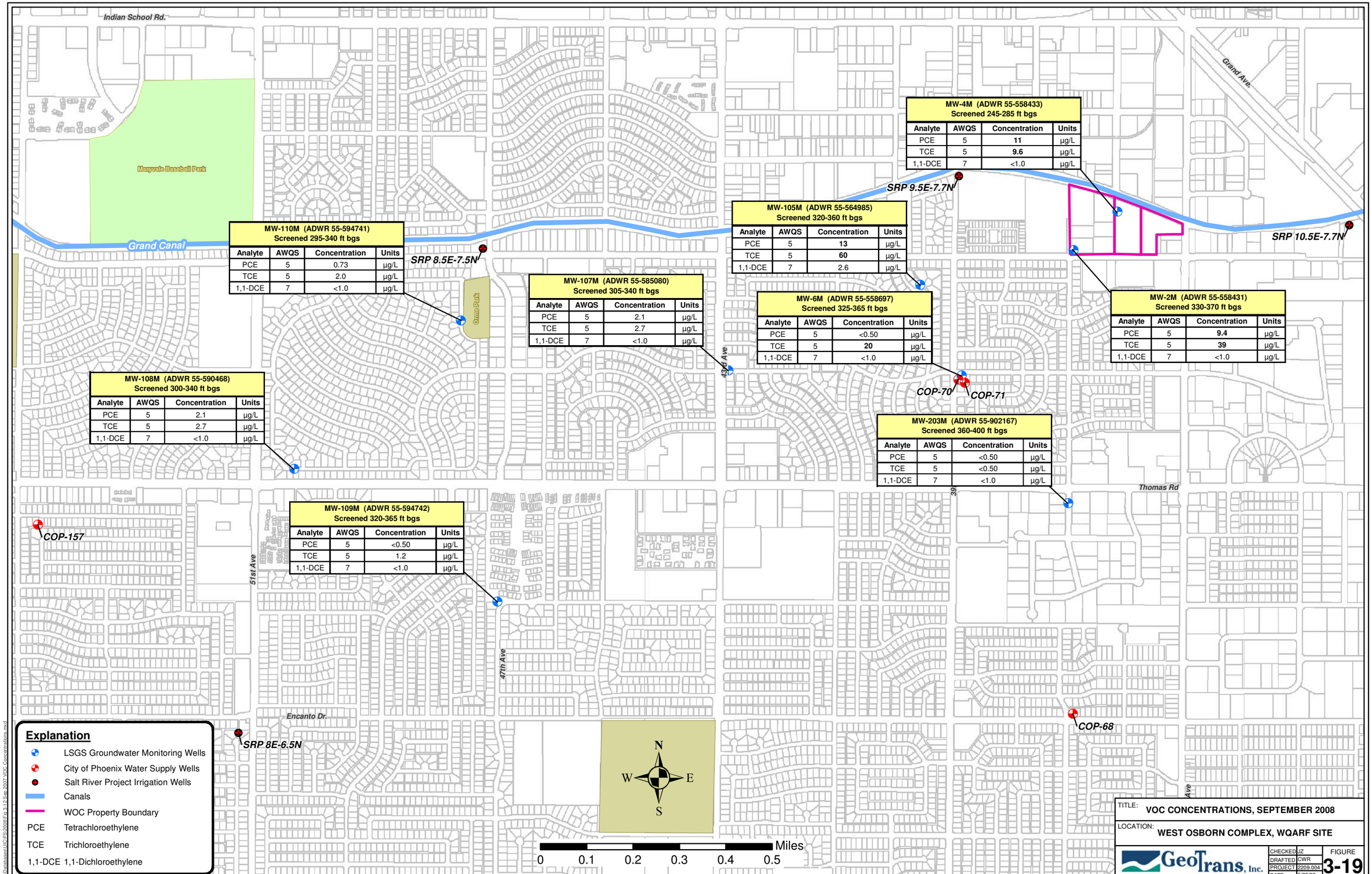
LOCATION: WEST OSBORN COMPLEX, WQARF SITE

GeoTrans, Inc.

CHECKED	JZ
DRAFTED	CWR
PROJECT	2209.004
DATE	5/29/08

FIGURE 3-18

P:\Databases\UIC-FS\2008\Fig 3-1 2 Sep 2007 VOC Concentrations.mxd



MW-4M (ADWR 55-558433)
Screened 245-285 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	**11**	µg/L
TCE	5	**9.6**	µg/L
1,1-DCE	7	<1.0	µg/L

MW-105M (ADWR 55-564985)
Screened 320-360 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	**13**	µg/L
TCE	5	**60**	µg/L
1,1-DCE	7	2.6	µg/L

MW-110M (ADWR 55-594741)
Screened 295-340 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	0.73	µg/L
TCE	5	2.0	µg/L
1,1-DCE	7	<1.0	µg/L

MW-107M (ADWR 55-585080)
Screened 305-340 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	2.1	µg/L
TCE	5	2.7	µg/L
1,1-DCE	7	<1.0	µg/L

MW-6M (ADWR 55-558697)
Screened 325-365 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<0.50	µg/L
TCE	5	**20**	µg/L
1,1-DCE	7	<1.0	µg/L

MW-2M (ADWR 55-558431)
Screened 330-370 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	**9.4**	µg/L
TCE	5	**39**	µg/L
1,1-DCE	7	<1.0	µg/L

MW-108M (ADWR 55-590468)
Screened 300-340 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	2.1	µg/L
TCE	5	2.7	µg/L
1,1-DCE	7	<1.0	µg/L

MW-203M (ADWR 55-902167)
Screened 360-400 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<0.50	µg/L
TCE	5	<0.50	µg/L
1,1-DCE	7	<1.0	µg/L

MW-109M (ADWR 55-594742)
Screened 320-365 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<0.50	µg/L
TCE	5	1.2	µg/L
1,1-DCE	7	<1.0	µg/L

Explanation

- LSGS Groundwater Monitoring Wells
- City of Phoenix Water Supply Wells
- Salt River Project Irrigation Wells
- Canals
- WOC Property Boundary

PCE Tetrachloroethylene
TCE Trichloroethylene
1,1-DCE 1,1-Dichloroethylene

TITLE: **VOC CONCENTRATIONS, SEPTEMBER 2008**

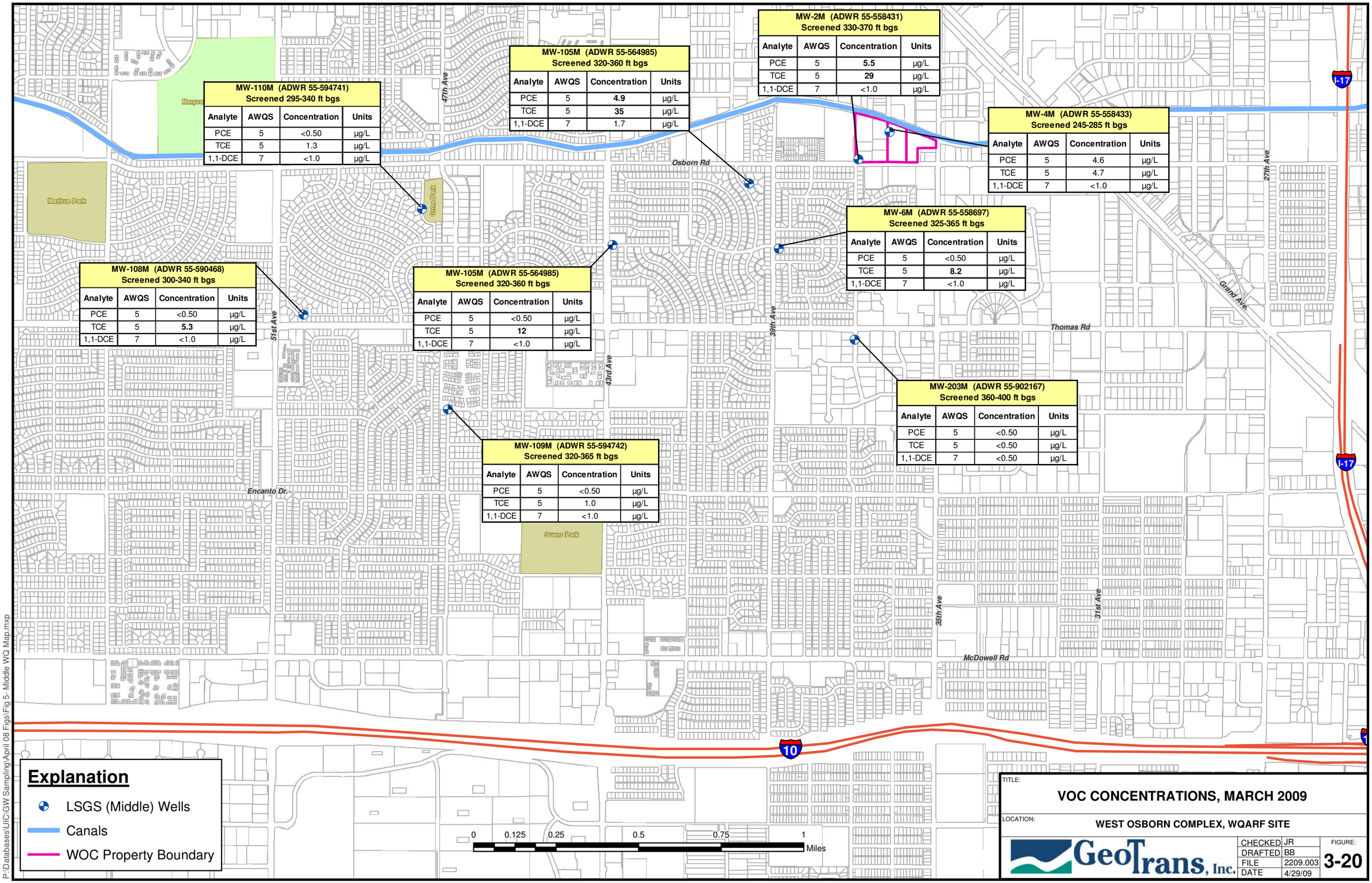
LOCATION: **WEST OSBORN COMPLEX, WQARF SITE**

GeoTrans, Inc.

CHECKED	JZ
DRAFTED	CWR
PROJECT	2209.004
DATE	5/29/08

FIGURE **3-19**

P:\Databases\UIC\FS2008\Fig 3-1 2-Sep 2007 VOC Concentrations.mxd



MW-110M (ADWR 55-594741)
Screened 295-340 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<0.50	µg/L
TCE	5	1.3	µg/L
1,1-DCE	7	<1.0	µg/L

MW-105M (ADWR 55-564985)
Screened 320-360 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	**4.9**	µg/L
TCE	5	**35**	µg/L
1,1-DCE	7	1.7	µg/L

MW-2M (ADWR 55-558431)
Screened 330-370 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	**5.5**	µg/L
TCE	5	**29**	µg/L
1,1-DCE	7	<1.0	µg/L

MW-4M (ADWR 55-558433)
Screened 245-285 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	4.6	µg/L
TCE	5	4.7	µg/L
1,1-DCE	7	<1.0	µg/L

MW-6M (ADWR 55-558697)
Screened 325-365 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<0.50	µg/L
TCE	5	**8.2**	µg/L
1,1-DCE	7	<1.0	µg/L

MW-108M (ADWR 55-590468)
Screened 300-340 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<0.50	µg/L
TCE	5	**5.3**	µg/L
1,1-DCE	7	<1.0	µg/L

MW-105M (ADWR 55-564985)
Screened 320-360 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<0.50	µg/L
TCE	5	**12**	µg/L
1,1-DCE	7	<1.0	µg/L

MW-203M (ADWR 55-902167)
Screened 360-400 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<0.50	µg/L
TCE	5	<0.50	µg/L
1,1-DCE	7	<0.50	µg/L

MW-109M (ADWR 55-594742)
Screened 320-365 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<0.50	µg/L
TCE	5	1.0	µg/L
1,1-DCE	7	<1.0	µg/L

TITLE:

VOC CONCENTRATIONS, MARCH 2009

LOCATION:

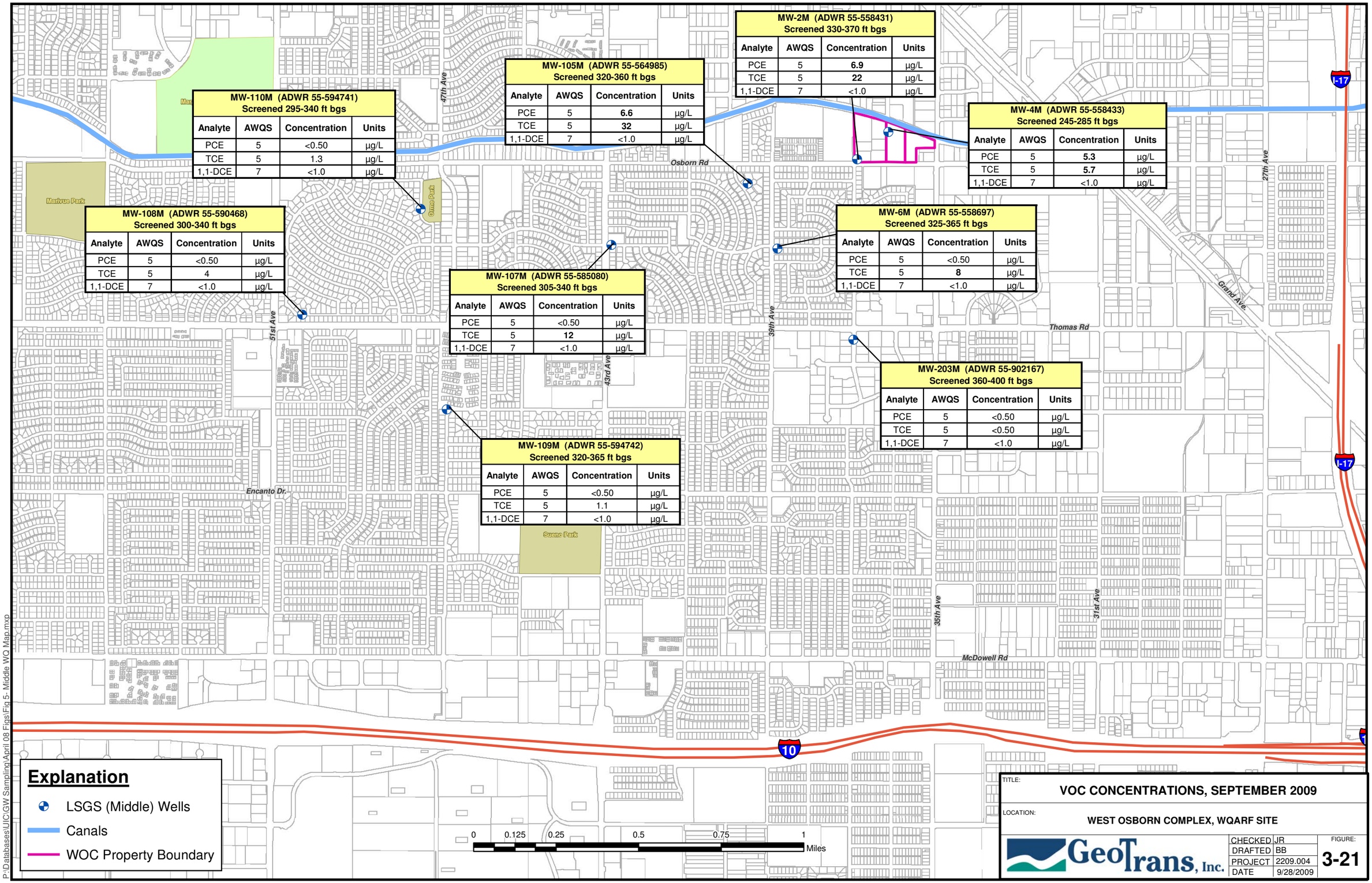
WEST OSBORN COMPLEX, WQARF SITE

GeoTrans, Inc.

CHECKED	JR
DRAFTED	BB
FILE	2209.003
DATE	4/29/09

FIGURE: **3-20**

P:\Databases\UIC\GW Sampling\April 08 Figs\Fig 5- Middle WQ Map.mxp



MW-110M (ADWR 55-594741)
Screened 295-340 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<0.50	µg/L
TCE	5	1.3	µg/L
1,1-DCE	7	<1.0	µg/L

MW-105M (ADWR 55-564985)
Screened 320-360 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	**6.6**	µg/L
TCE	5	**32**	µg/L
1,1-DCE	7	<1.0	µg/L

MW-2M (ADWR 55-558431)
Screened 330-370 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	**6.9**	µg/L
TCE	5	**22**	µg/L
1,1-DCE	7	<1.0	µg/L

MW-4M (ADWR 55-558433)
Screened 245-285 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	**5.3**	µg/L
TCE	5	**5.7**	µg/L
1,1-DCE	7	<1.0	µg/L

MW-108M (ADWR 55-590468)
Screened 300-340 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<0.50	µg/L
TCE	5	4	µg/L
1,1-DCE	7	<1.0	µg/L

MW-6M (ADWR 55-558697)
Screened 325-365 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<0.50	µg/L
TCE	5	**8**	µg/L
1,1-DCE	7	<1.0	µg/L

MW-107M (ADWR 55-585080)
Screened 305-340 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<0.50	µg/L
TCE	5	**12**	µg/L
1,1-DCE	7	<1.0	µg/L

MW-203M (ADWR 55-902167)
Screened 360-400 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<0.50	µg/L
TCE	5	<0.50	µg/L
1,1-DCE	7	<1.0	µg/L

MW-109M (ADWR 55-594742)
Screened 320-365 ft bgs

Analyte	AWQS	Concentration	Units
PCE	5	<0.50	µg/L
TCE	5	1.1	µg/L
1,1-DCE	7	<1.0	µg/L

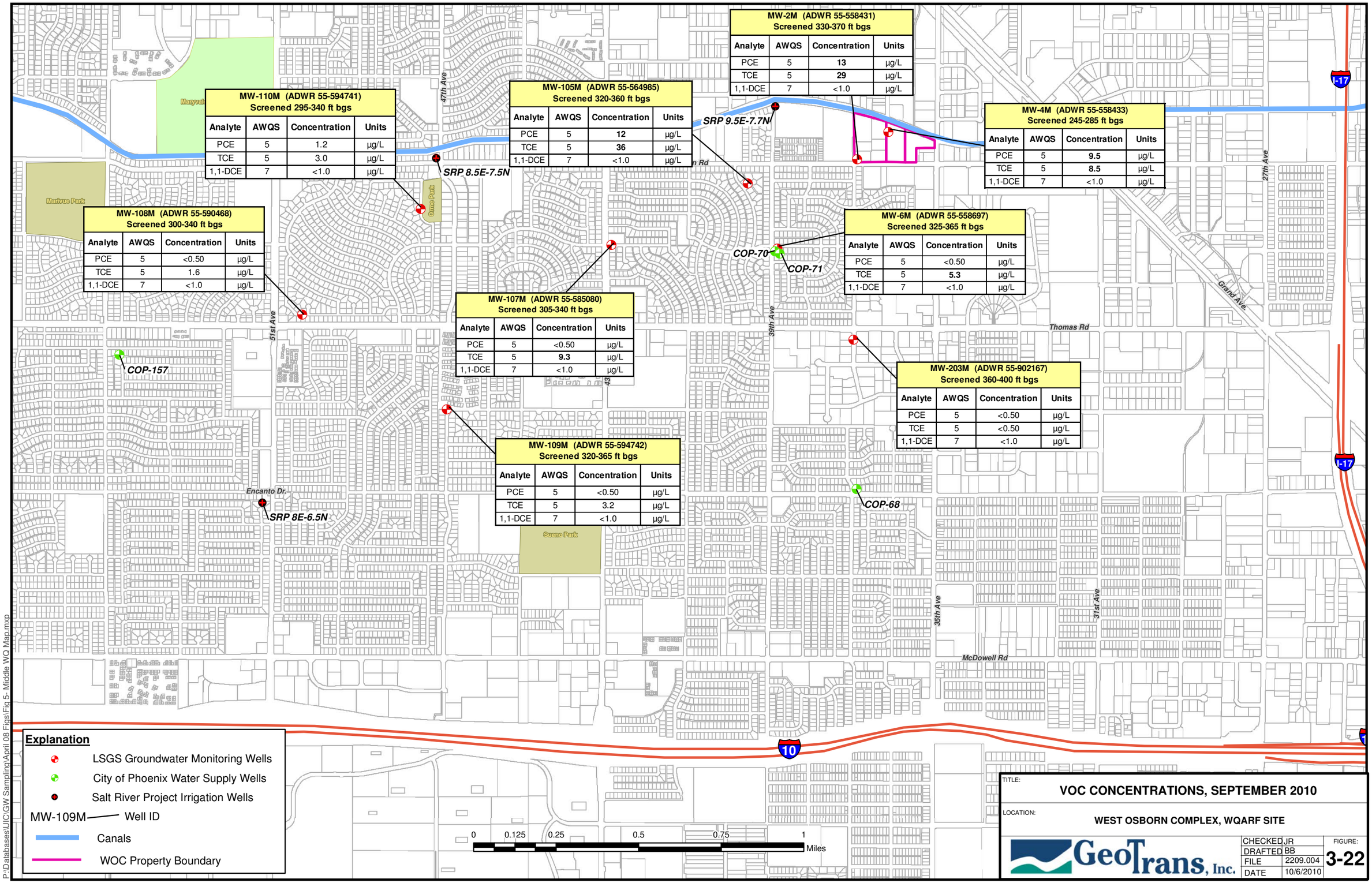
TITLE: **VOC CONCENTRATIONS, SEPTEMBER 2009**

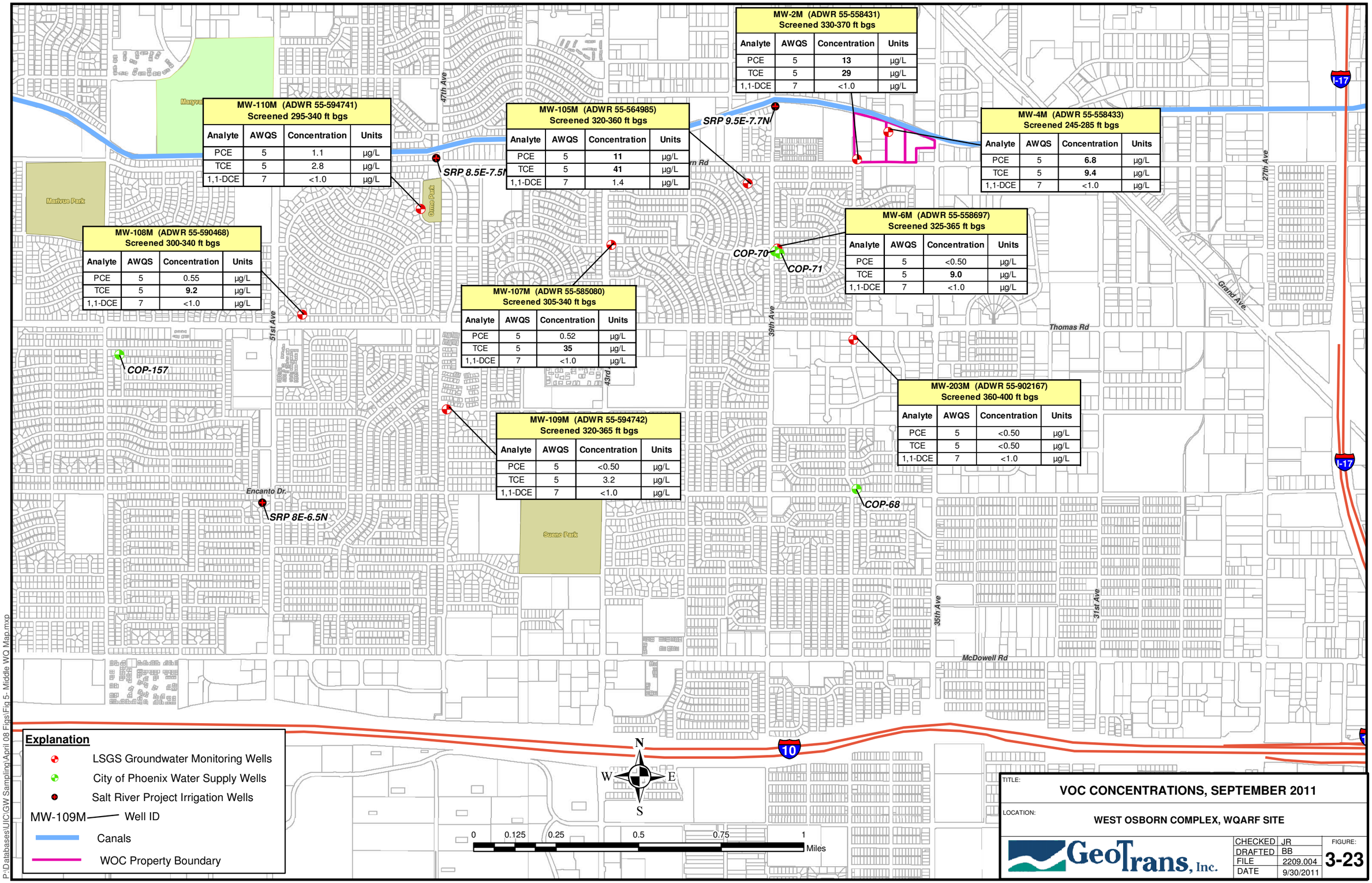
LOCATION: **WEST OSBORN COMPLEX, WQARF SITE**

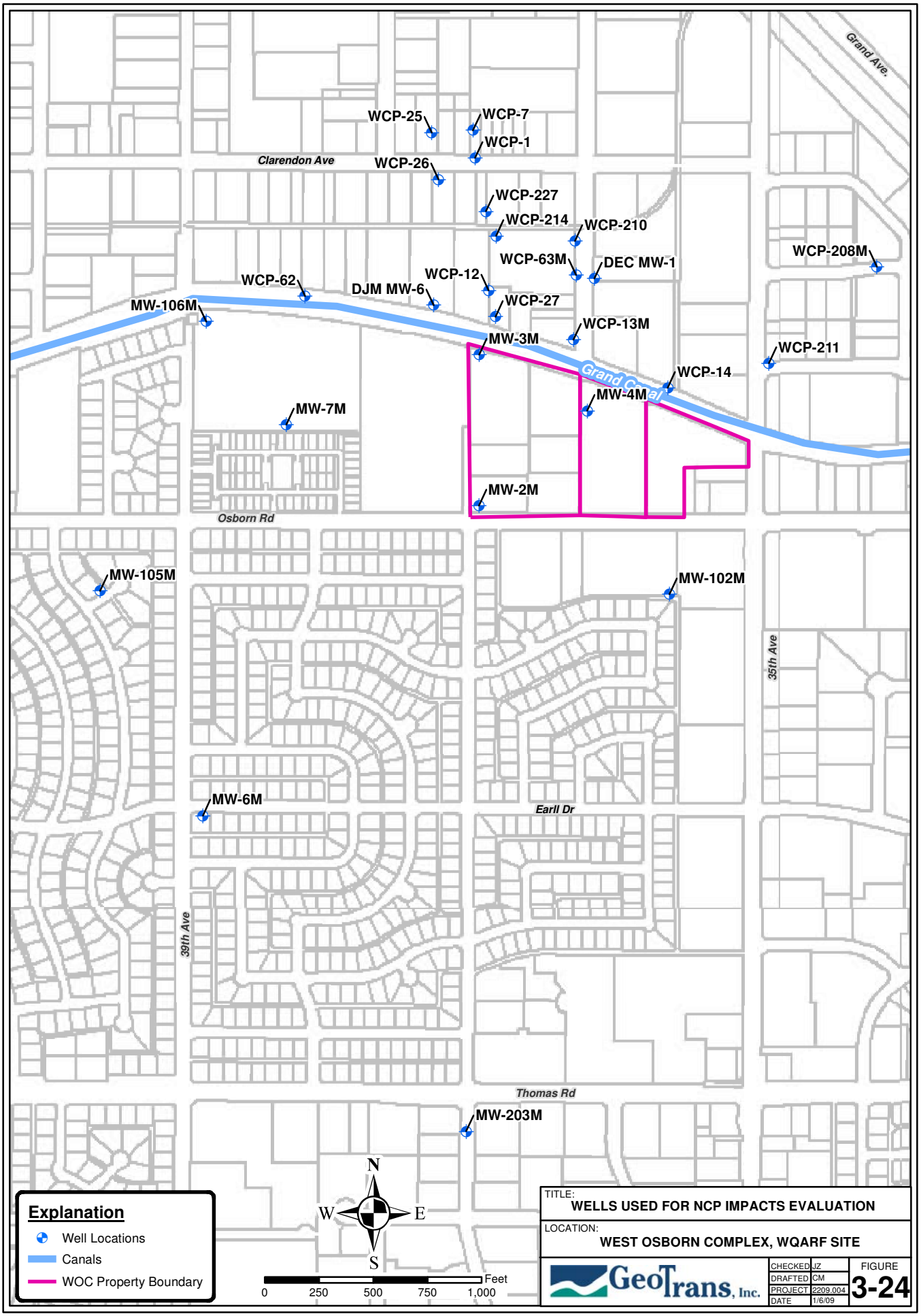
GeoTrans, Inc.

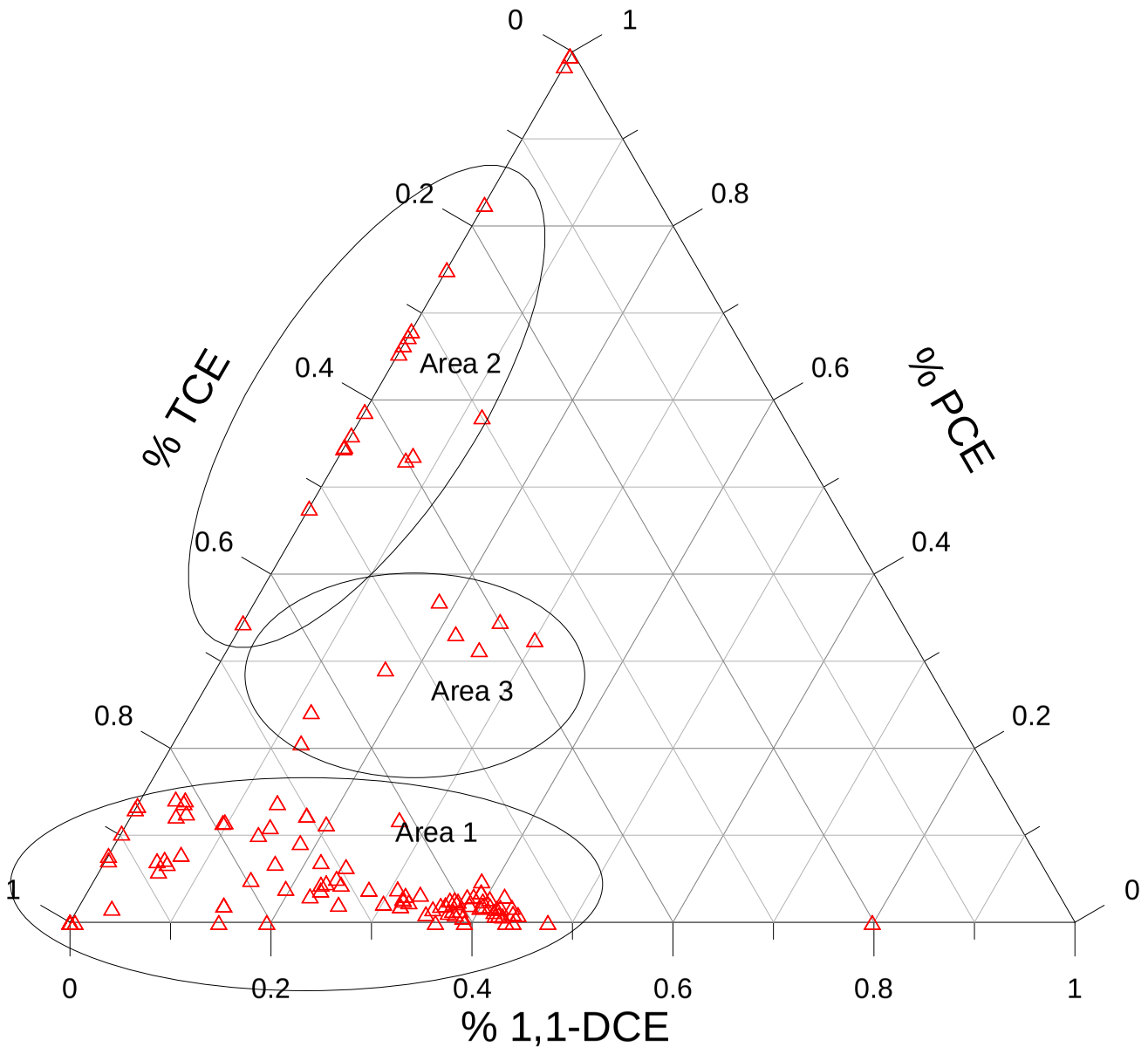
CHECKED	JR
DRAFTED	BB
PROJECT	2209.004
DATE	9/28/2009

FIGURE: **3-21**

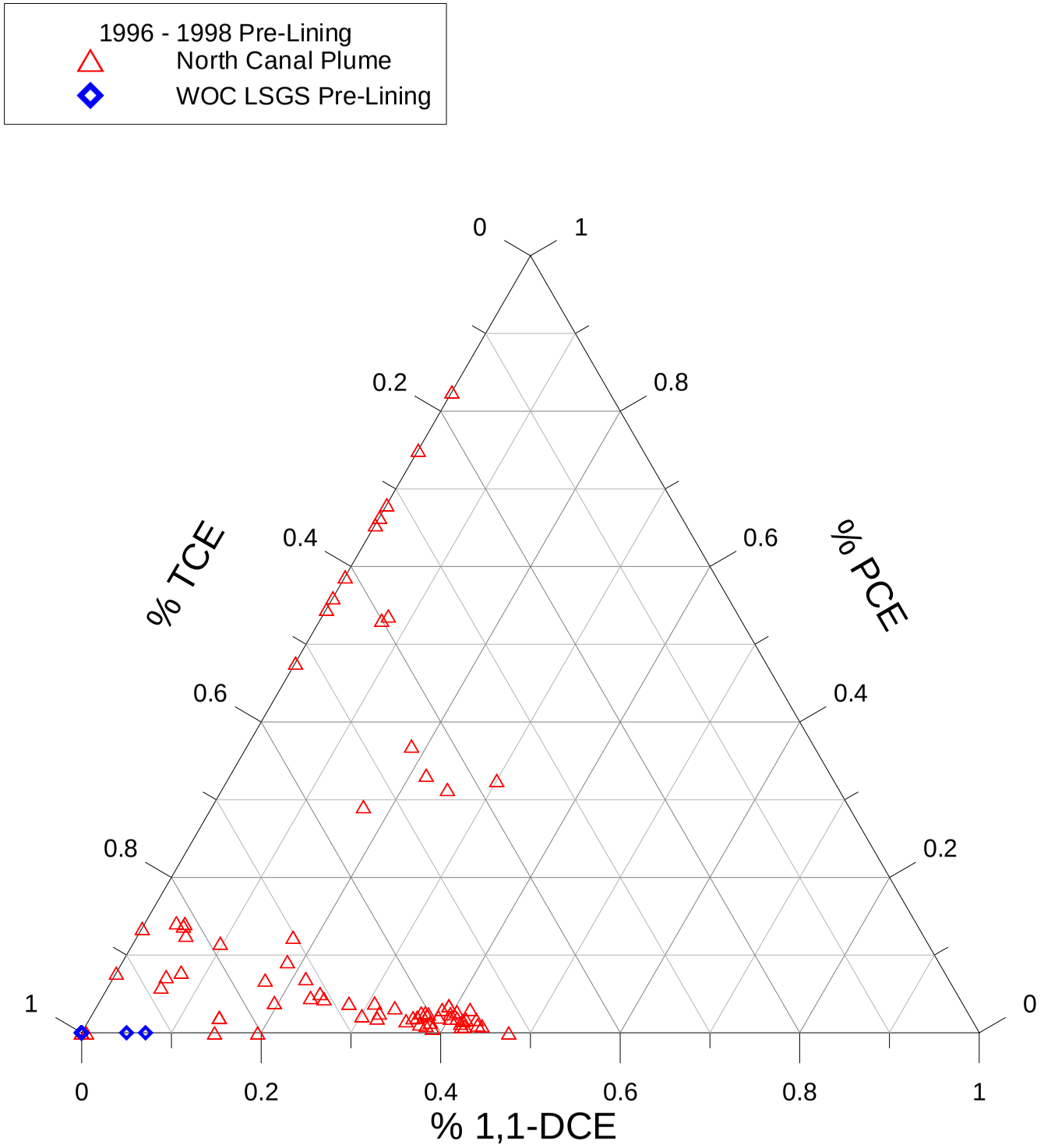

MW-2M (ADWR 55-558431)
Screened 330-370 ft bgs
Analyte | AWQS | Concentration | Units
PCE | 5 | 13 | µg/L
TCE | 5 | 29 | µg/L
1,1-DCE | 7 | <1.0 | µg/L
MW-110M (ADWR 55-594741)
Screened 295-340 ft bgs
Analyte | AWQS | Concentration | Units
PCE | 5 | 1.2 | µg/L
TCE | 5 | 3.0 | µg/L
1,1-DCE | 7 | <1.0 | µg/L
MW-105M (ADWR 55-564985)
Screened 320-360 ft bgs
Analyte | AWQS | Concentration | Units
PCE | 5 | 12 | µg/L
TCE | 5 | 36 | µg/L
1,1-DCE | 7 | <1.0 | µg/L
MW-4M (ADWR 55-558433)
Screened 245-285 ft bgs
Analyte | AWQS | Concentration | Units
PCE | 5 | 9.5 | µg/L
TCE | 5 | 8.5 | µg/L
1,1-DCE | 7 | <1.0 | µg/L
MW-108M (ADWR 55-590468)
Screened 300-340 ft bgs
Analyte | AWQS | Concentration | Units
PCE | 5 | <0.50 | µg/L
TCE | 5 | 1.6 | µg/L
1,1-DCE | 7 | <1.0 | µg/L
MW-6M (ADWR 55-558697)
Screened 325-365 ft bgs
Analyte | AWQS | Concentration | Units
PCE | 5 | <0.50 | µg/L
TCE | 5 | 5.3 | µg/L
1,1-DCE | 7 | <1.0 | µg/L
MW-107M (ADWR 55-585080)
Screened 305-340 ft bgs
Analyte | AWQS | Concentration | Units
PCE | 5 | <0.50 | µg/L
TCE | 5 | 9.3 | µg/L
1,1-DCE | 7 | <1.0 | µg/L
MW-203M (ADWR 55-902167)
Screened 360-400 ft bgs
Analyte | AWQS | Concentration | Units
PCE | 5 | <0.50 | µg/L
TCE | 5 | <0.50 | µg/L
1,1-DCE | 7 | <1.0 | µg/L
MW-109M (ADWR 55-594742)
Screened 320-365 ft bgs
Analyte | AWQS | Concentration | Units
PCE | 5 | <0.50 | µg/L
TCE | 5 | 3.2 | µg/L
1,1-DCE | 7 | <1.0 | µg/L
SRP 9.5E-7.7N
SRP 8.5E-7.5N
SRP 8E-6.5N
COP-70
COP-71
COP-157
COP-68
Marivue Park
Sueno Park
47th Ave
51st Ave
39th Ave
35th Ave
31st Ave
27th Ave
Thomas Rd
McDowell Rd
Grand Ave.
Encanto Dr.
I-17
10
Explanation
LSGS Groundwater Monitoring Wells
City of Phoenix Water Supply Wells
Salt River Project Irrigation Wells
MW-109M Well ID
Canals
WOC Property Boundary
0 0.125 0.25 0.5 0.75 1 Miles
P:\Databases\UIC\GW Sampling\April 08 Figs\Fig 5- Middle WQ Map.mxp
TITLE:
VOC CONCENTRATIONS, SEPTEMBER 2010
LOCATION:
WEST OSBORN COMPLEX, WQARF SITE
GeoTrans, Inc.
CHECKED JR
DRAFTED BB
FILE 2209.004
DATE 10/6/2010
FIGURE:
3-22


MW-2M (ADWR 55-558431)
Screened 330-370 ft bgs
Analyte | AWQS | Concentration | Units
PCE | 5 | 13 | µg/L
TCE | 5 | 29 | µg/L
1,1-DCE | 7 | <1.0 | µg/L
MW-110M (ADWR 55-594741)
Screened 295-340 ft bgs
Analyte | AWQS | Concentration | Units
PCE | 5 | 1.1 | µg/L
TCE | 5 | 2.8 | µg/L
1,1-DCE | 7 | <1.0 | µg/L
MW-105M (ADWR 55-564985)
Screened 320-360 ft bgs
Analyte | AWQS | Concentration | Units
PCE | 5 | 11 | µg/L
TCE | 5 | 41 | µg/L
1,1-DCE | 7 | 1.4 | µg/L
MW-4M (ADWR 55-558433)
Screened 245-285 ft bgs
Analyte | AWQS | Concentration | Units
PCE | 5 | 6.8 | µg/L
TCE | 5 | 9.4 | µg/L
1,1-DCE | 7 | <1.0 | µg/L
MW-108M (ADWR 55-590468)
Screened 300-340 ft bgs
Analyte | AWQS | Concentration | Units
PCE | 5 | 0.55 | µg/L
TCE | 5 | 9.2 | µg/L
1,1-DCE | 7 | <1.0 | µg/L
MW-6M (ADWR 55-558697)
Screened 325-365 ft bgs
Analyte | AWQS | Concentration | Units
PCE | 5 | <0.50 | µg/L
TCE | 5 | 9.0 | µg/L
1,1-DCE | 7 | <1.0 | µg/L
MW-107M (ADWR 55-585080)
Screened 305-340 ft bgs
Analyte | AWQS | Concentration | Units
PCE | 5 | 0.52 | µg/L
TCE | 5 | 35 | µg/L
1,1-DCE | 7 | <1.0 | µg/L
MW-203M (ADWR 55-902167)
Screened 360-400 ft bgs
Analyte | AWQS | Concentration | Units
PCE | 5 | <0.50 | µg/L
TCE | 5 | <0.50 | µg/L
1,1-DCE | 7 | <1.0 | µg/L
MW-109M (ADWR 55-594742)
Screened 320-365 ft bgs
Analyte | AWQS | Concentration | Units
PCE | 5 | <0.50 | µg/L
TCE | 5 | 3.2 | µg/L
1,1-DCE | 7 | <1.0 | µg/L
SRP 9.5E-7.7N
SRP 8.5E-7.5N
SRP 8E-6.5N
COP-70
COP-71
COP-157
COP-68
Marivue Park
Osmo Park
Sueno Park
47th Ave
51st Ave
43rd
39th Ave
35th Ave
31st Ave
27th Ave
Thomas Rd
Grand Ave.
Encanto Dr.
McDowell Rd
I-17
I-10
N
S
E
W
0
0.125
0.25
0.5
0.75
1
Miles
Explanation
LSGS Groundwater Monitoring Wells
City of Phoenix Water Supply Wells
Salt River Project Irrigation Wells
MW-109M Well ID
Canals
WOC Property Boundary
P:\Databases\UIC\GW Sampling\April 08 Figs\Fig 5- Middle WQ Map.mxp
TITLE:
VOC CONCENTRATIONS, SEPTEMBER 2011
LOCATION:
WEST OSBORN COMPLEX, WQARF SITE
GeoTrans, Inc.
CHECKED JR
DRAFTED BB
FILE 2209.004
DATE 9/30/2011
FIGURE:
3-23

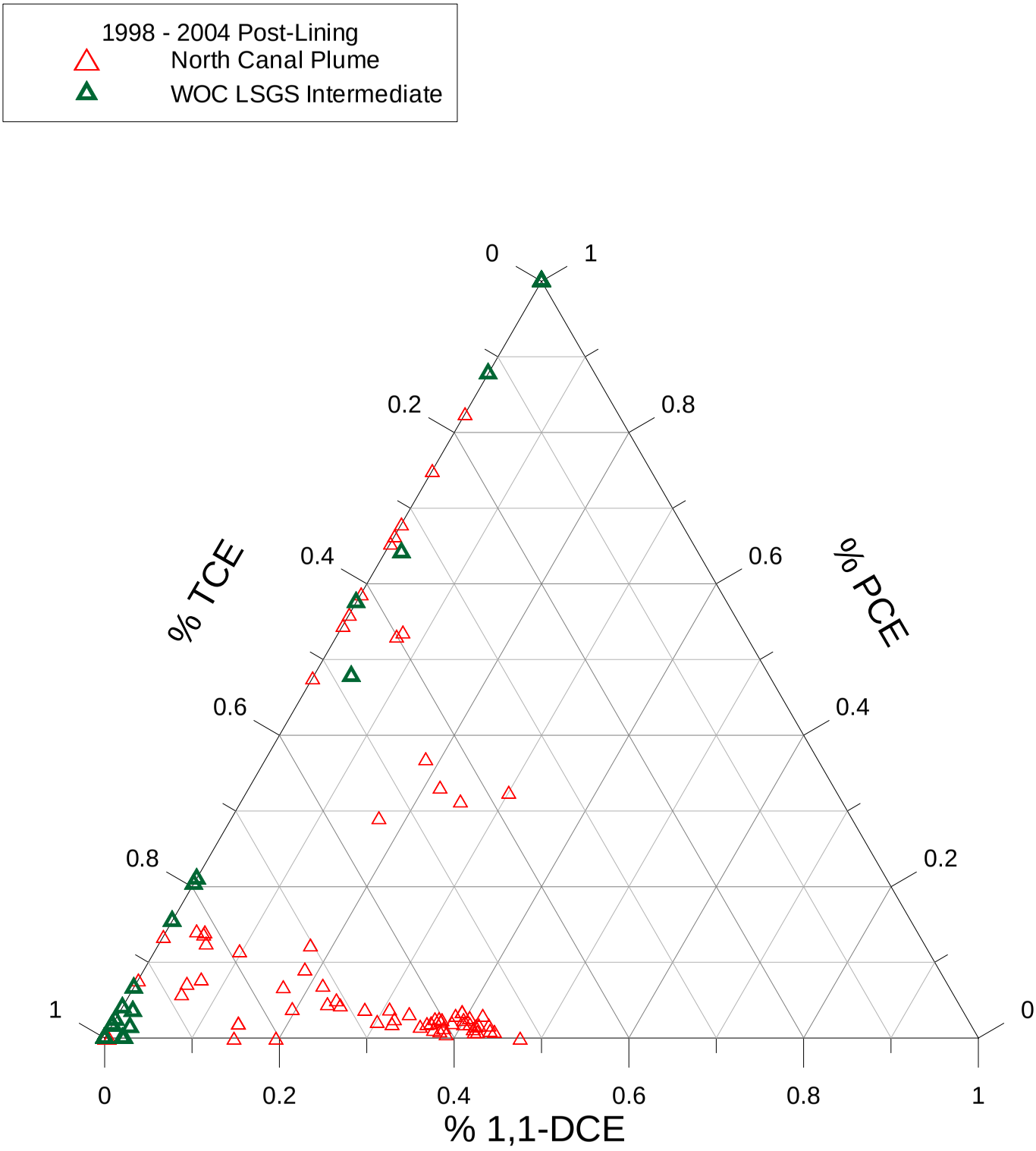

Grand Ave.
WCP-25
WCP-7
WCP-1
Clarendon Ave
WCP-26
WCP-227
WCP-214
WCP-210
WCP-208M
WCP-63M
DEC MW-1
WCP-12
WCP-62
DJM MW-6
WCP-27
MW-106M
WCP-13M
MW-3M
WCP-211
Grand Canal
WCP-14
MW-4M
MW-7M
MW-2M
Osborn Rd
MW-105M
MW-102M
35th Ave
MW-6M
Earll Dr
39th Ave
Thomas Rd
MW-203M
N
W
E
S
Feet
0
250
500
750
1,000
Explanation
Well Locations
Canals
WOC Property Boundary
TITLE:
WELLS USED FOR NCP IMPACTS EVALUATION
LOCATION:
WEST OSBORN COMPLEX, WQARF SITE
GeoTrans, Inc.
CHECKED JZ
DRAFTED CM
PROJECT 2209.004
DATE 1/6/09
FIGURE
3-24
P:\Databases\UIC\FS\2008\Fig 3-16 - NCP Impact Wells.mxd



TITLE: Chemical Fingerprint of North Canal Plume			
CLIENT: West Osborn Complex WQARF Site, Phoenix, Arizona			
GeoTrans, Inc.	CHECKED	JR	FIGURE:
	DRAFTED	TD	3-25
	PROJECT	2209.004	
	DATE	01/26/12	



TITLE: Chemical Fingerprints of NCP and WOC Prior to Canal Lining (Groundwater Mound Present)			
CLIENT: West Osborn Complex WQARF Site, Phoenix, Arizona			
GeoTrans, Inc.	CHECKED	JR	FIGURE:
	DRAFTED	TD	3-26
	PROJECT	2209.004	
	DATE	01/26/12	



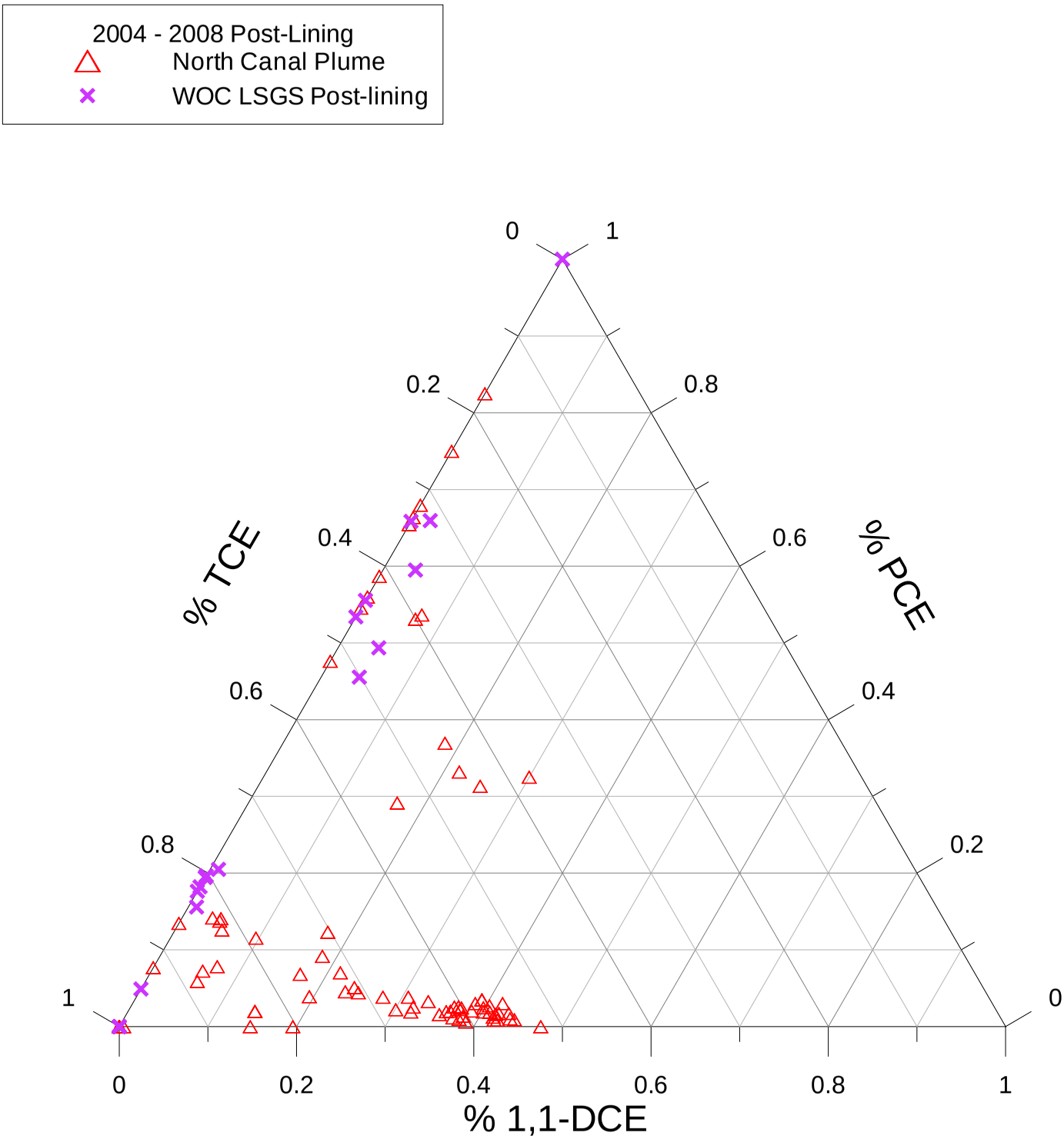
TITLE: Chemical Fingerprints of NCP and WOC After Canal Lining (Groundwater Mound Dissipating)

CLIENT: West Osborn Complex WQARF Site, Phoenix, Arizona

GeoTrans, Inc.

CHECKED	JR
DRAFTED	TD
PROJECT	2209.004
DATE	01/26/12

Figure: 3-27

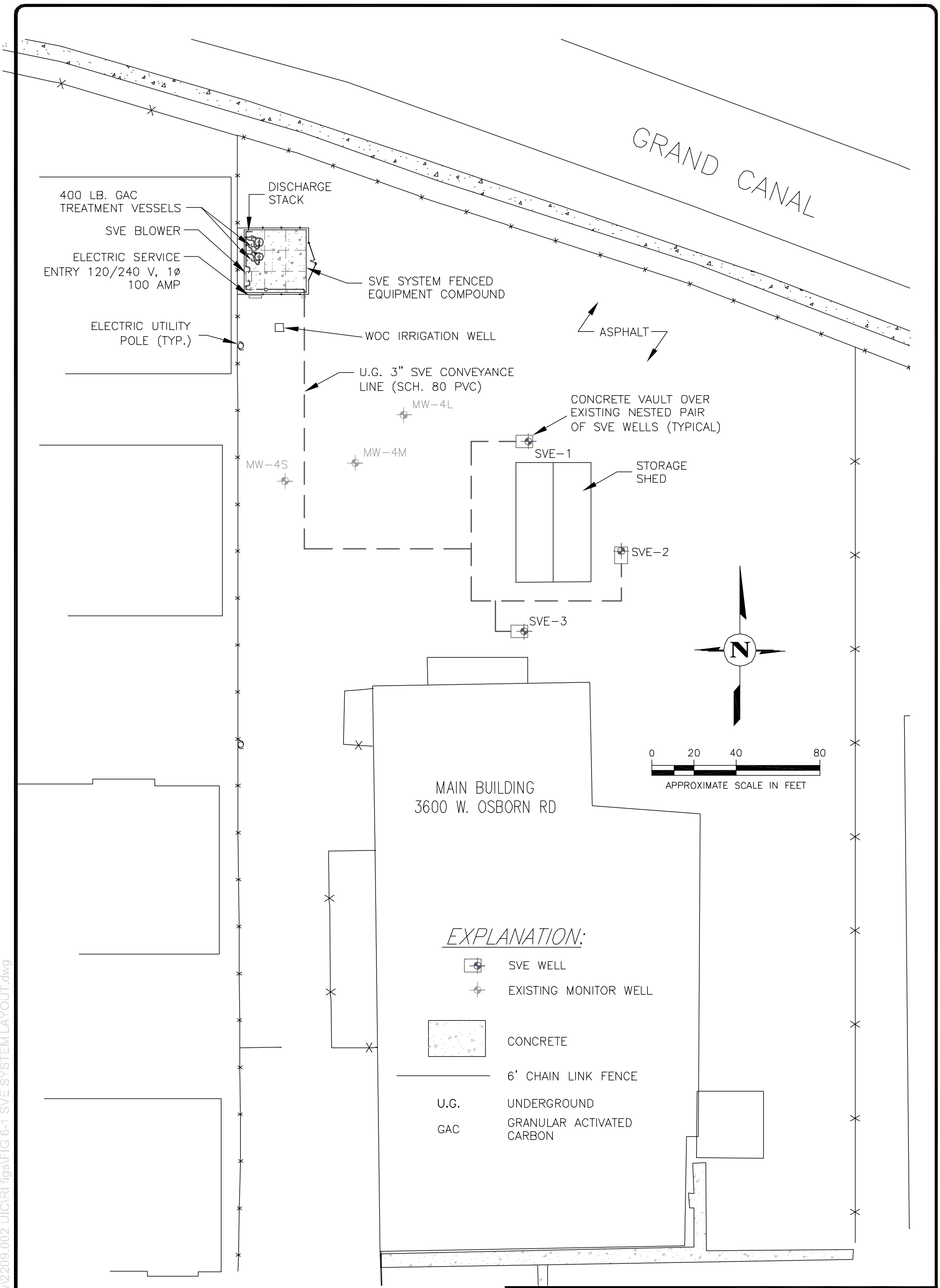


TITLE: Chemical Fingerprints of NCP and WOC After Canal Lining (Groundwater Mound Absent)

CLIENT: West Osborn Complex WQARF Site, Phoenix, Arizona

GeoTrans, Inc.

CHECKED	JZ	FIGURE:
DRAFTED	TD	3-28
PROJECT	2209.004	
DATE	01/26/12	



TITLE: **INTERIM SVE REMEDIATION SYSTEM LAYOUT**

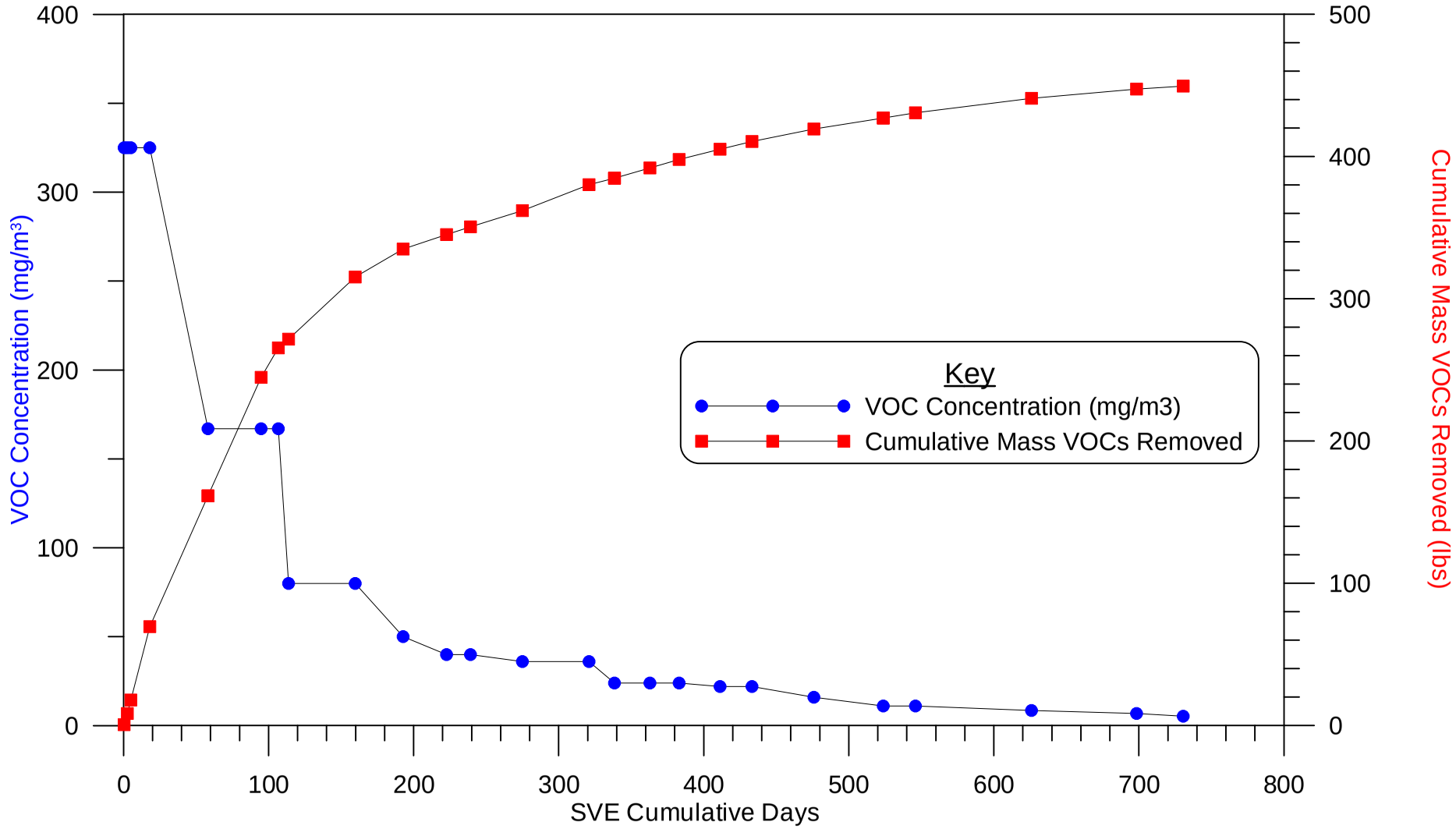
LOCATION: **WEST OSBORN COMPLEX**

GeoTrans, Inc. A TETRA TECH COMPANY

CHECKED	SB
DRAFTED	JLB
PROJECT	2209.003
DATE	10/5/04

FIGURE **4-1**

P:\ACAD\dwg-library\2209.002 UIC\RI figs\FIG 6-1 SVE SYSTEM LAYOUT.dwg



path: M:/GeoTrans Staff/Jeff/UIC/ | art: Gutmann | checked: Rackow

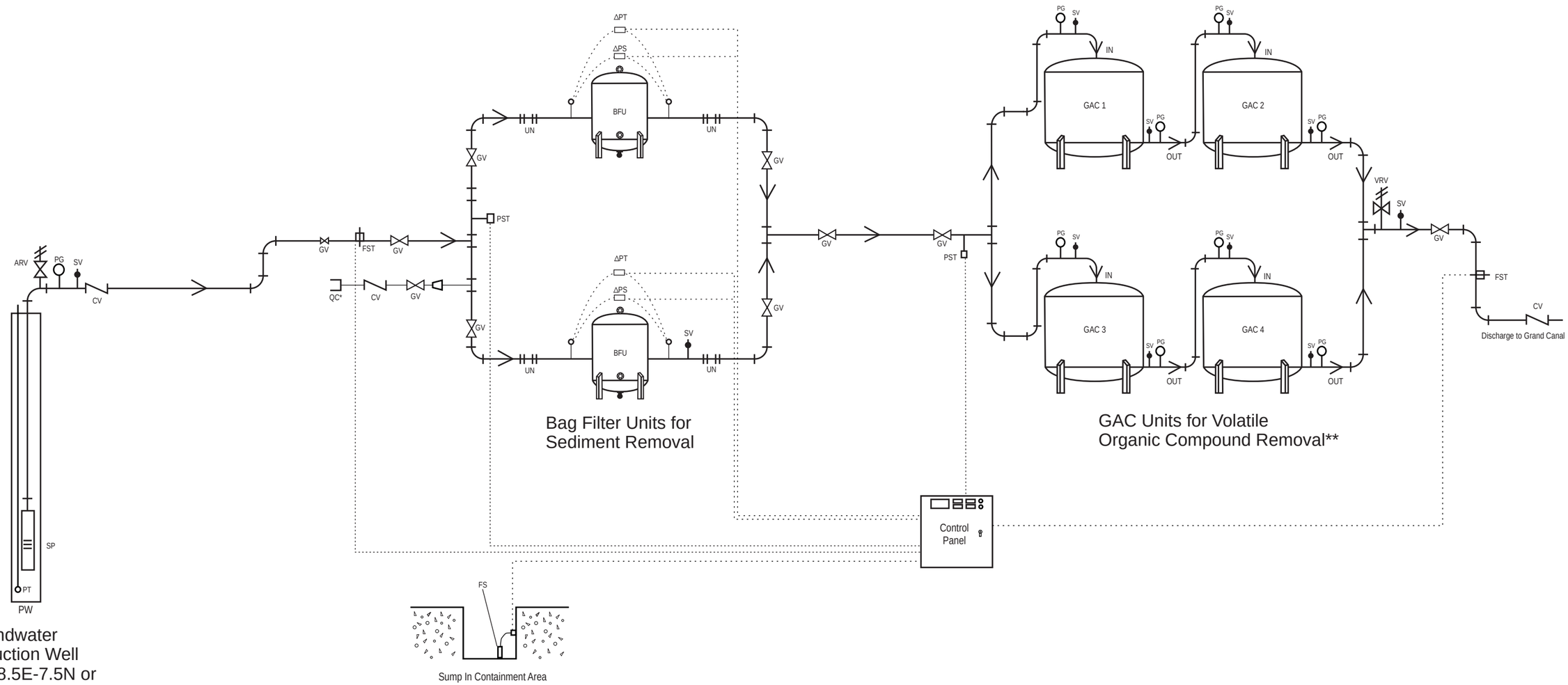
GeoTrans, Inc.

Interim SVE System Performance

United Industrial Corporation
West Osborn Complex

Figure
4-2

Assumed Groundwater Extraction Rate and Treated Discharge Rate to Grand Canal = 1,500 gpm



GeoTrans, Inc.
A TETRA TECH COMPANY
4801 E. Washington St., Suite 260
Phoenix, AZ 85034
602.682.3320

ARV = Air Release Valve
BFU = Bag Filter Unit
CV = Check Valve
FS = Float Switch
FST = Flow Sensor/Transmitter
GAC = Granular Activated Carbon Vessels
GV = Gate Valve
PG = Pressure Gauge
PST = Pressure Switch/Transmitter
PT = Pressure Transducer
QC = Quick Connect
SP = Submersible Pump
SV = Sample Valve
UN = Union
VRV = Vacuum Relief Valve
ΔPT = Differential Pressure Transmitter
ΔPS = Differential Pressure Switch

····· = Control and/or Transmitter Wire

* Connection to quick connect would be made to treat storm water and/or potentially released process water that collects in plant containment area.

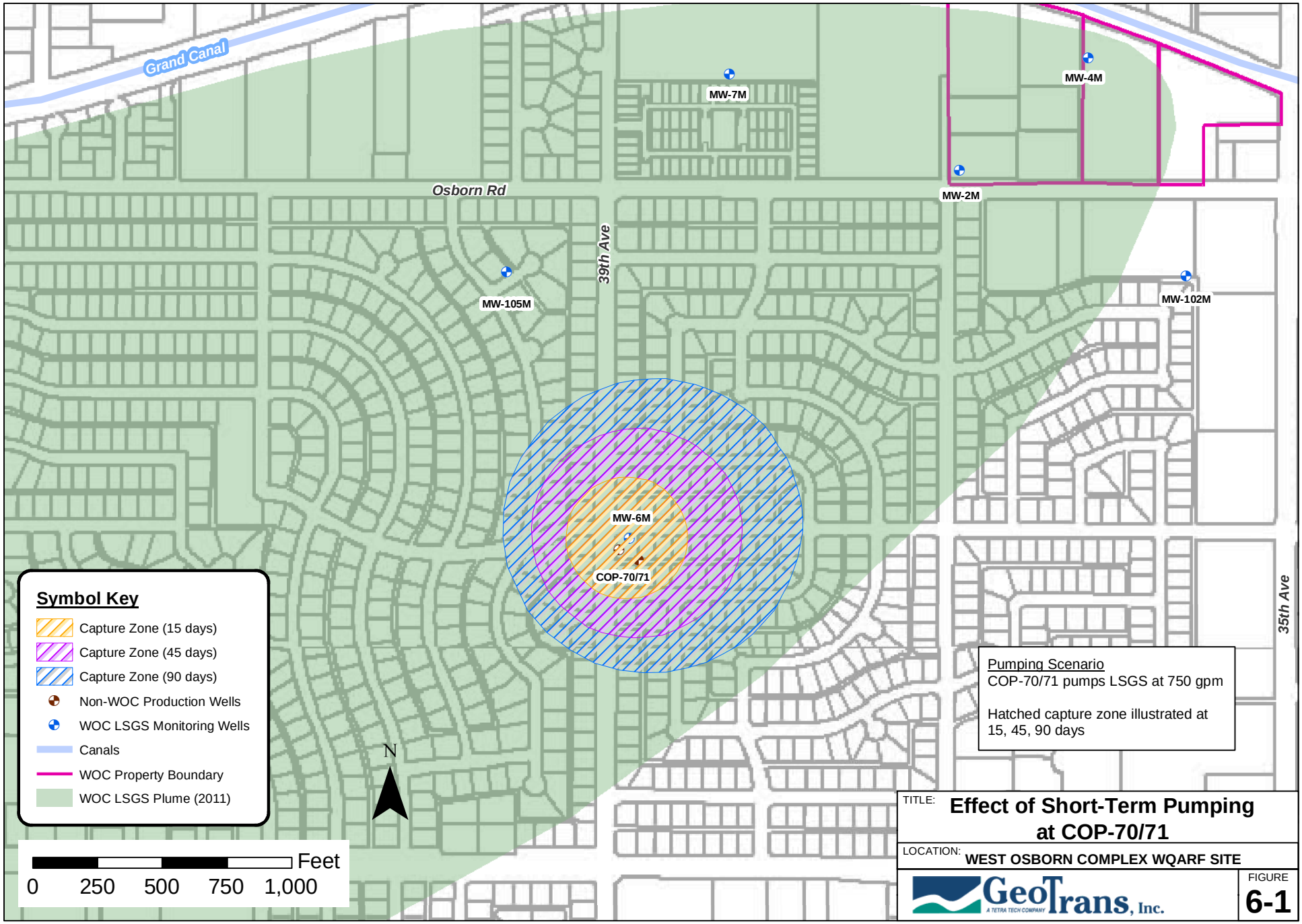
** Manifolds for each GAC unit pair (not shown) would allow for switching of vessel positions after GAC change-outs.

GENERAL PROCESS DIAGRAM
FOR SRP PRODUCTION WELL TREATMENT

WEST OSBORN COMPLEX WQARF SITE

Checked	JR
Drafted	CWR
Project	2209.003.05
Date	12/12/08

Figure 5-1



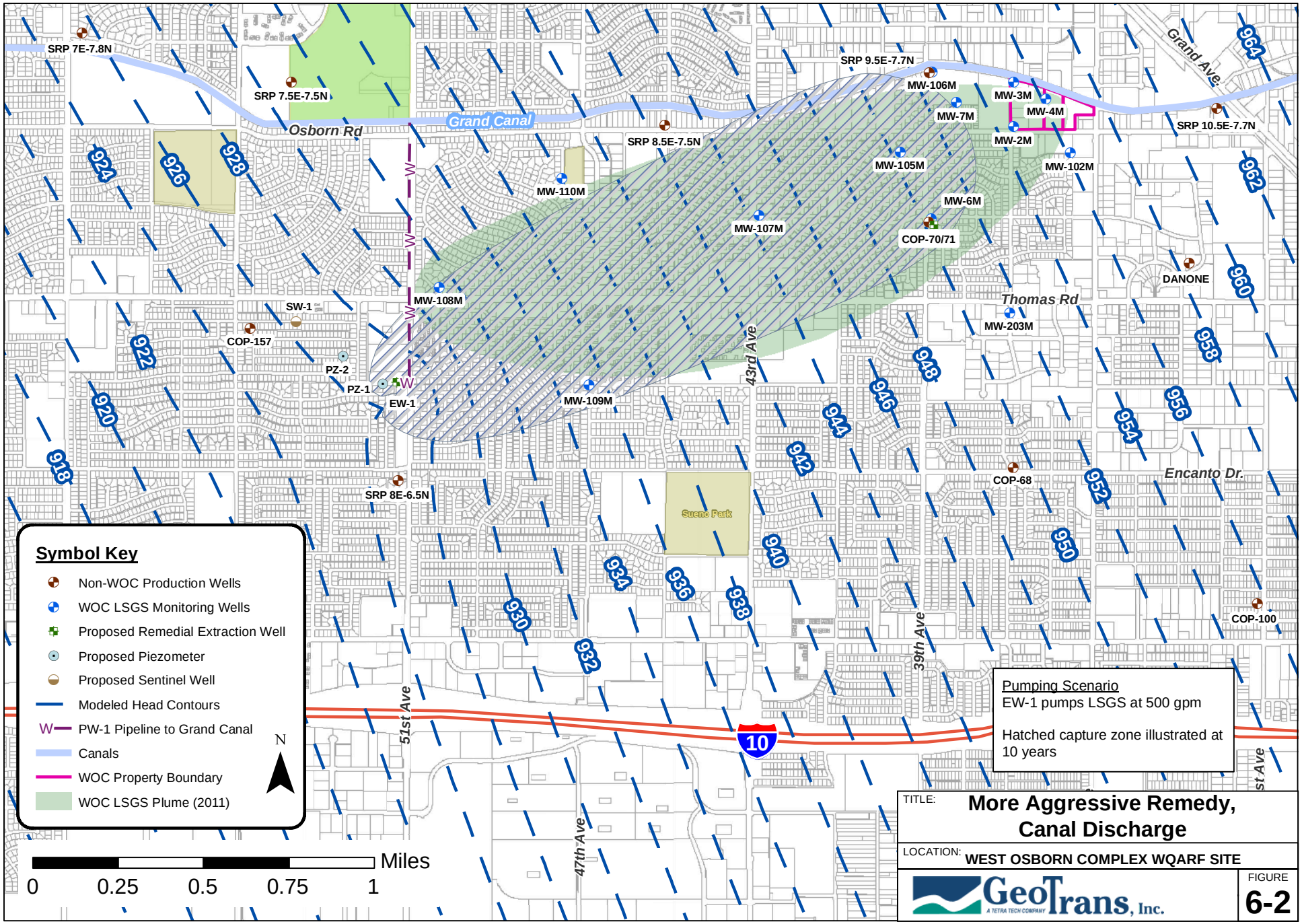
TITLE: **Effect of Short-Term Pumping at COP-70/71**

LOCATION: **WEST OSBORN COMPLEX WQARF SITE**

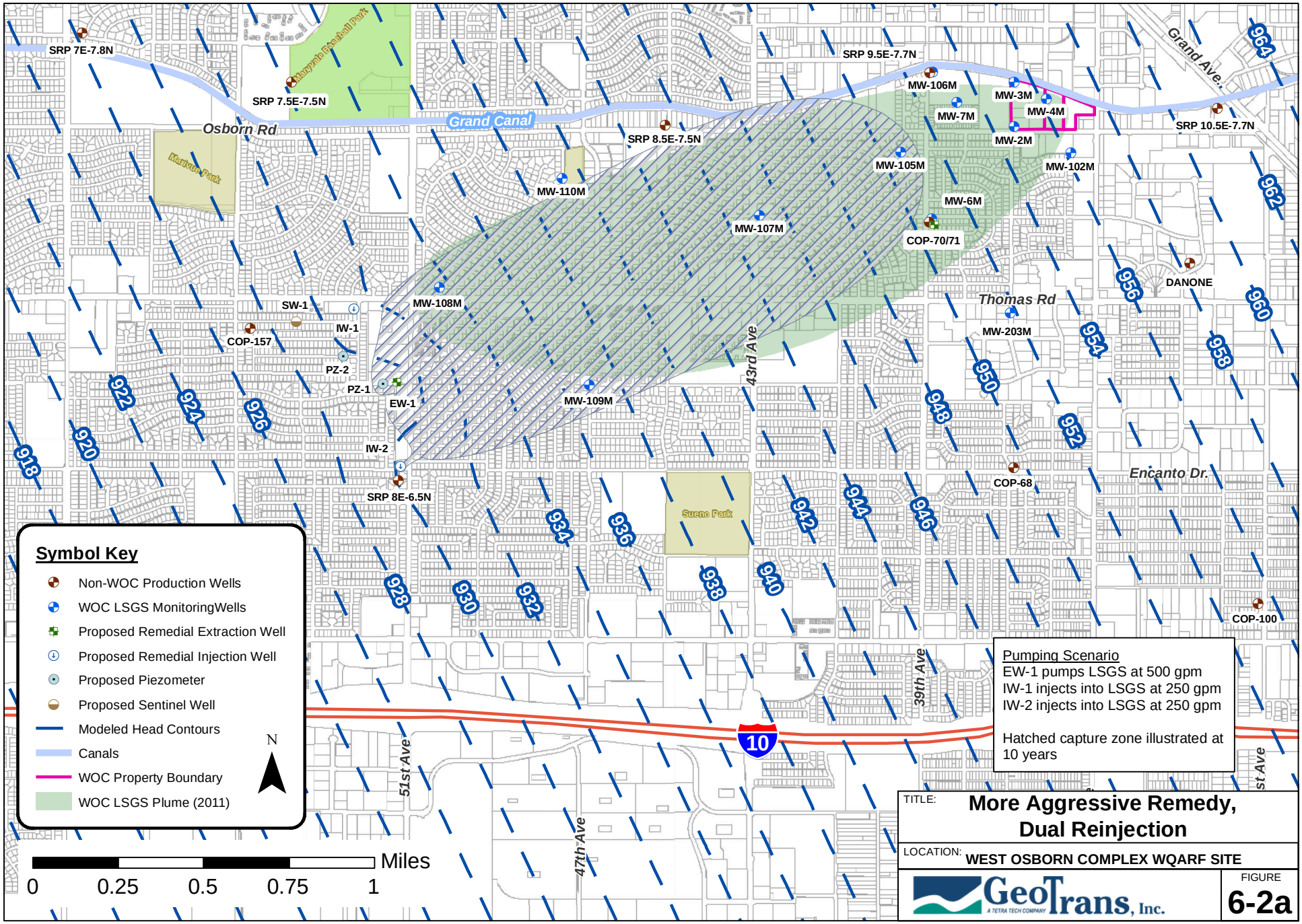
GeoTrans, Inc. A TETRA TECH COMPANY

FIGURE **6-1**

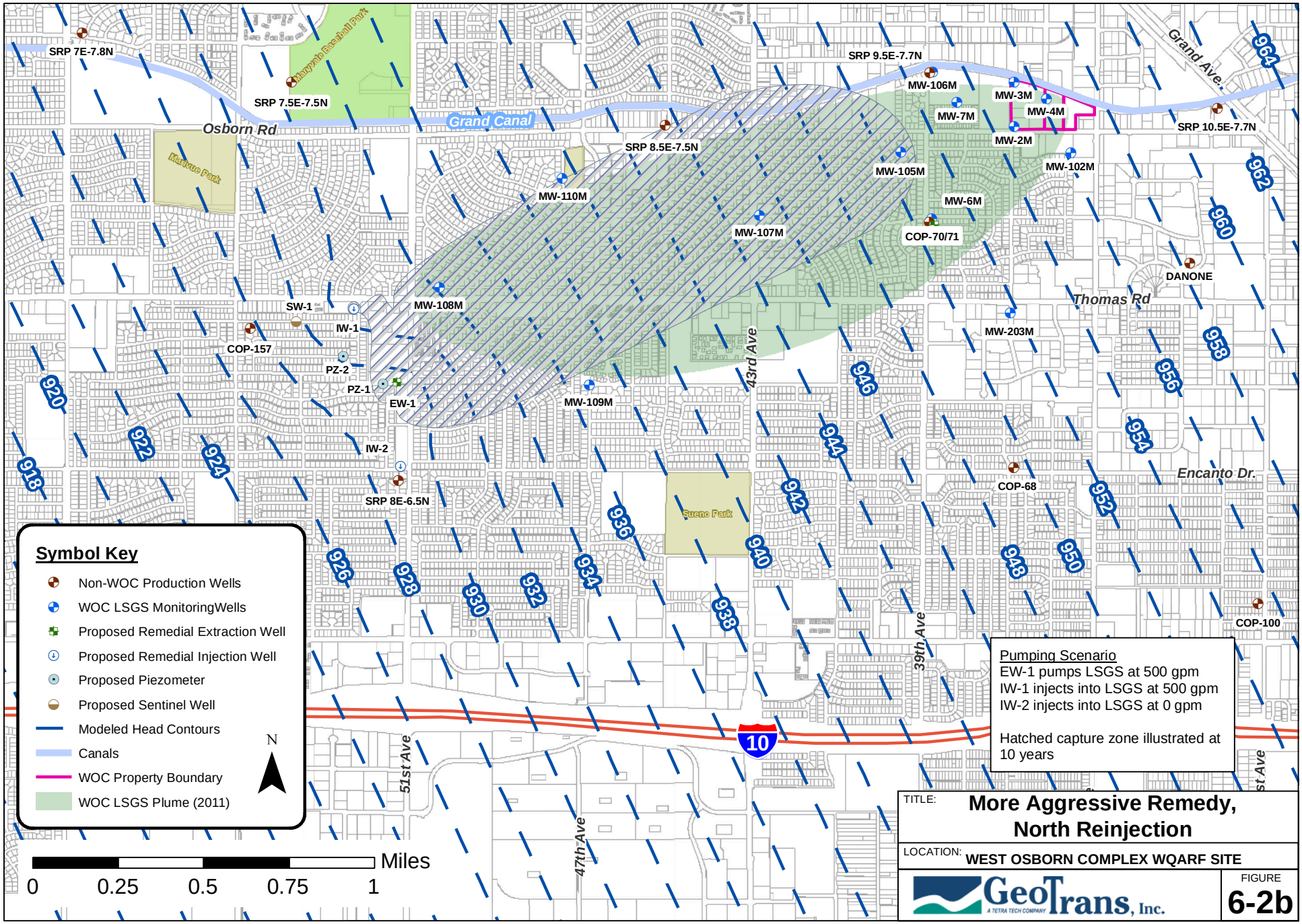
March 7, 2012 T:\GeoTrans Phoenix\2209.003 - UICL SGS Model\Figures\Revised 030612\Figure 6-1 - Short-Term Pumping Effects.mxd



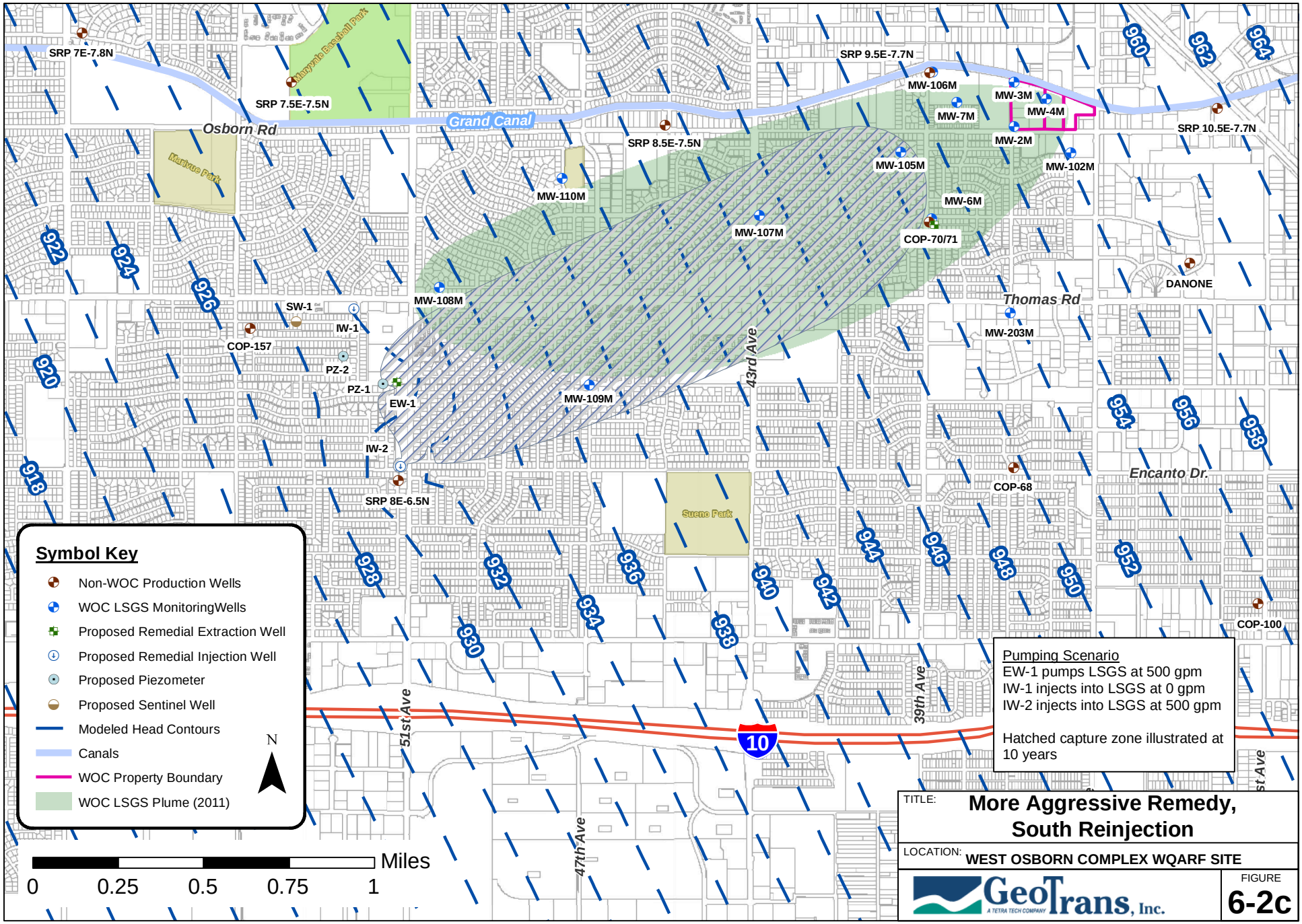
March 7, 2012 T:\GeoTrans Phoenix\2209.003 - UICL SGS Model\Figures\Revised 030612\Figure 6-2 - More Aggressive Remedy - Canal Discharge.mxd



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

N

0 20' 40'

Scale

LEGEND

PROPERTY BOUNDARY

PUMP AND TREAT SYSTEM

GRANULAR ACTIVATED CARBON VESSEL

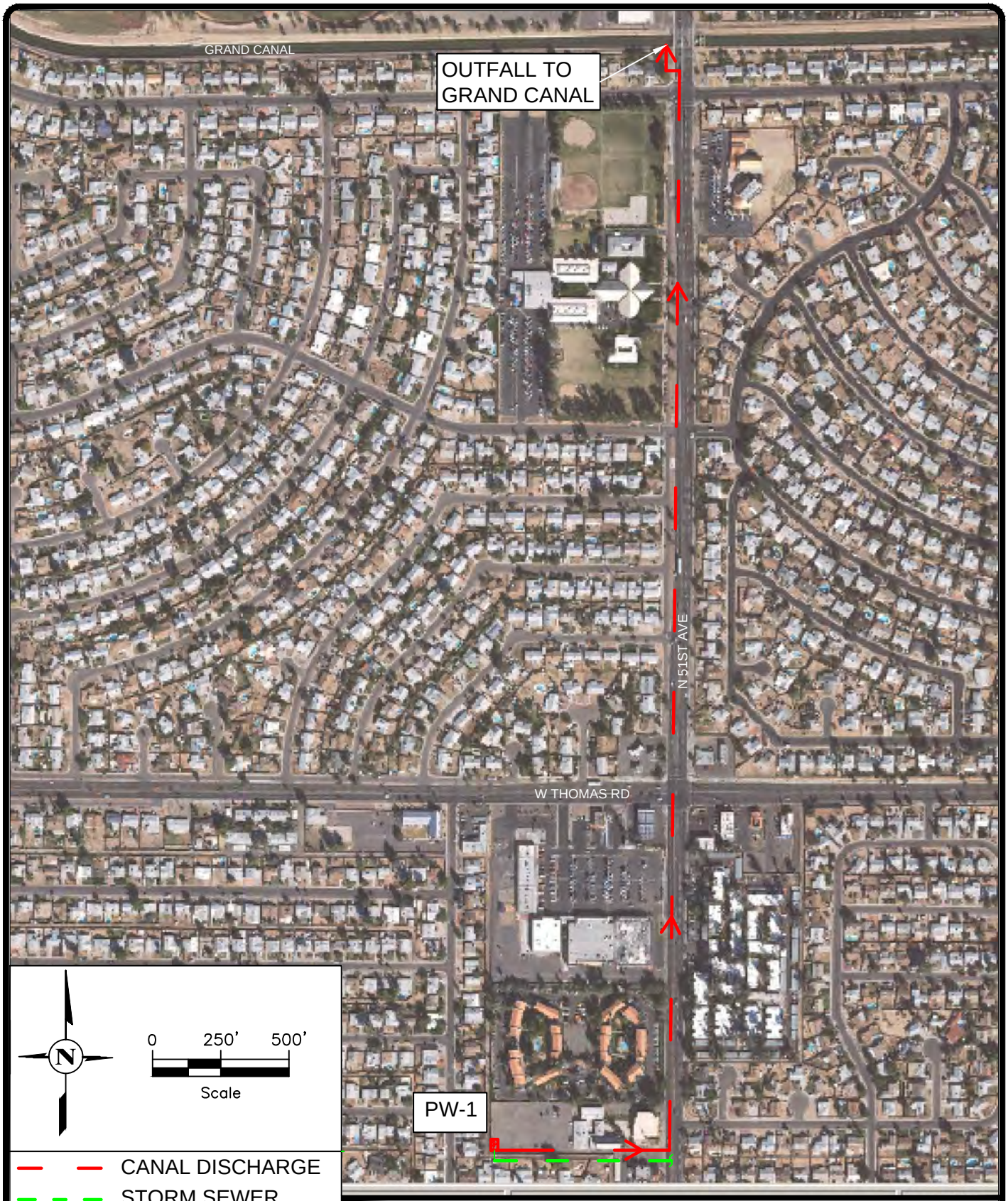
TITLE: CONCEPTUAL LAYOUT COP 70/71 SYSTEM AREA

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	FIG
DRAFTED	TLG	6-6
PROJECT	2209.003.05	
DATE	2/27/08	

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