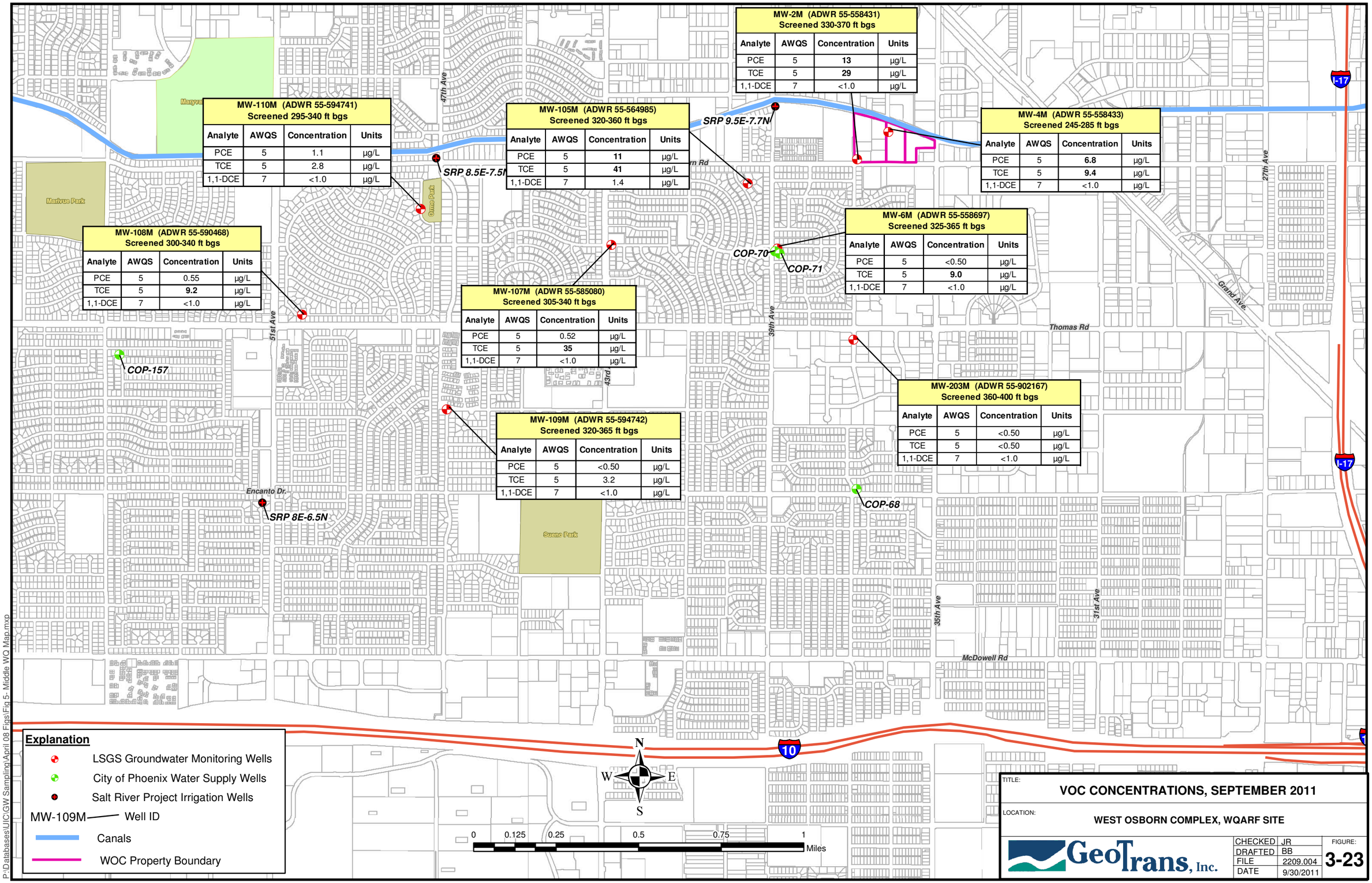
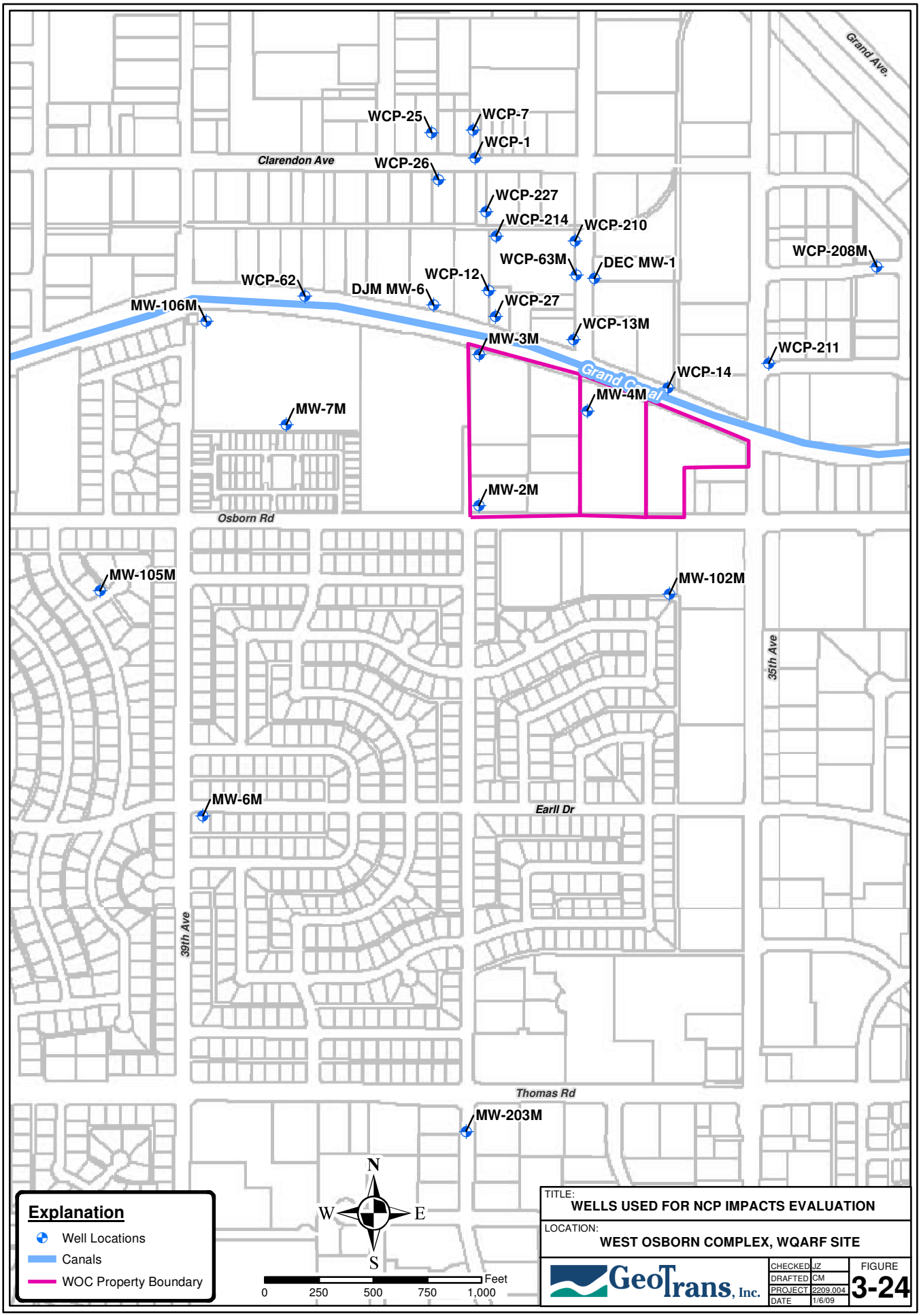
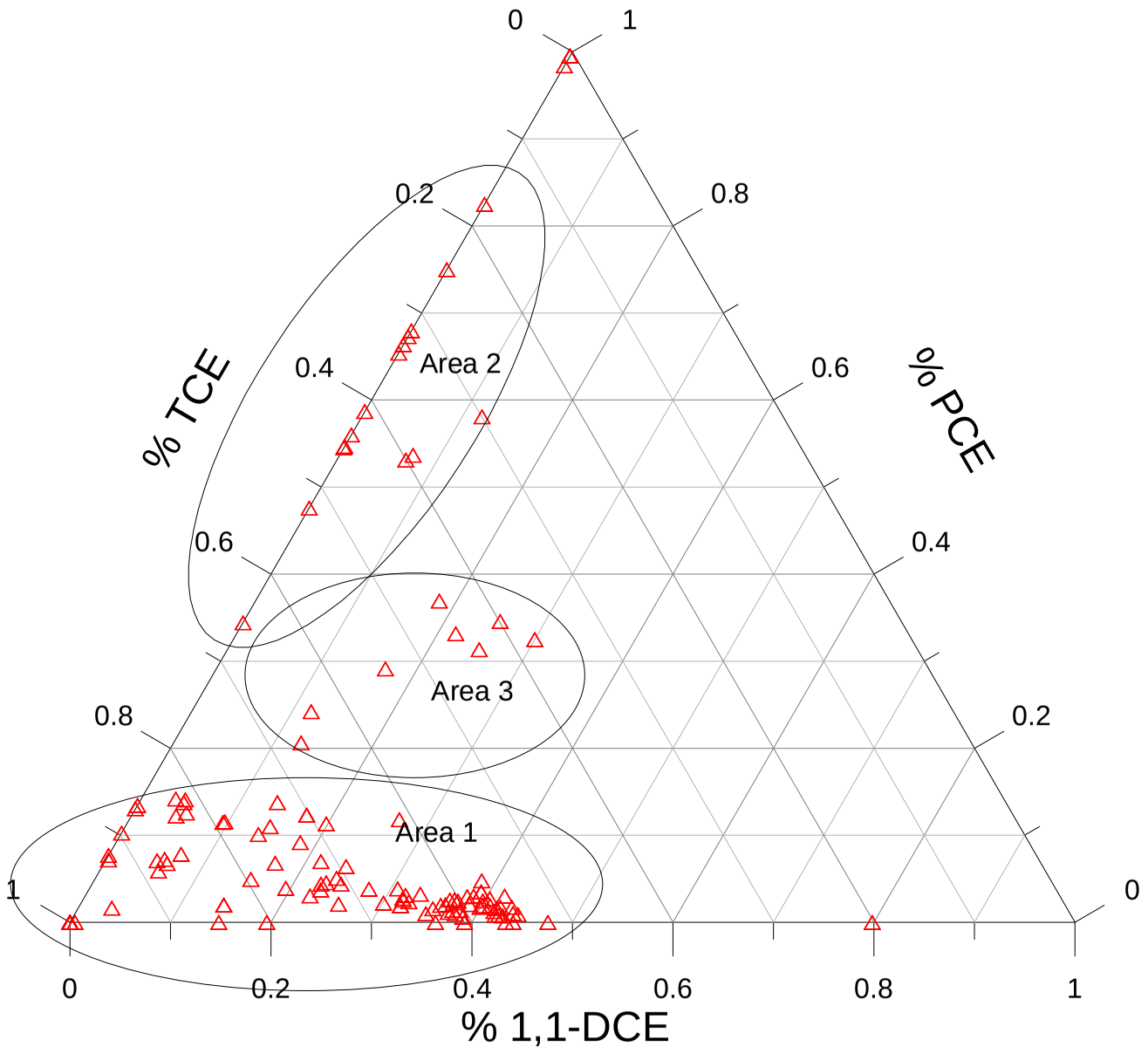
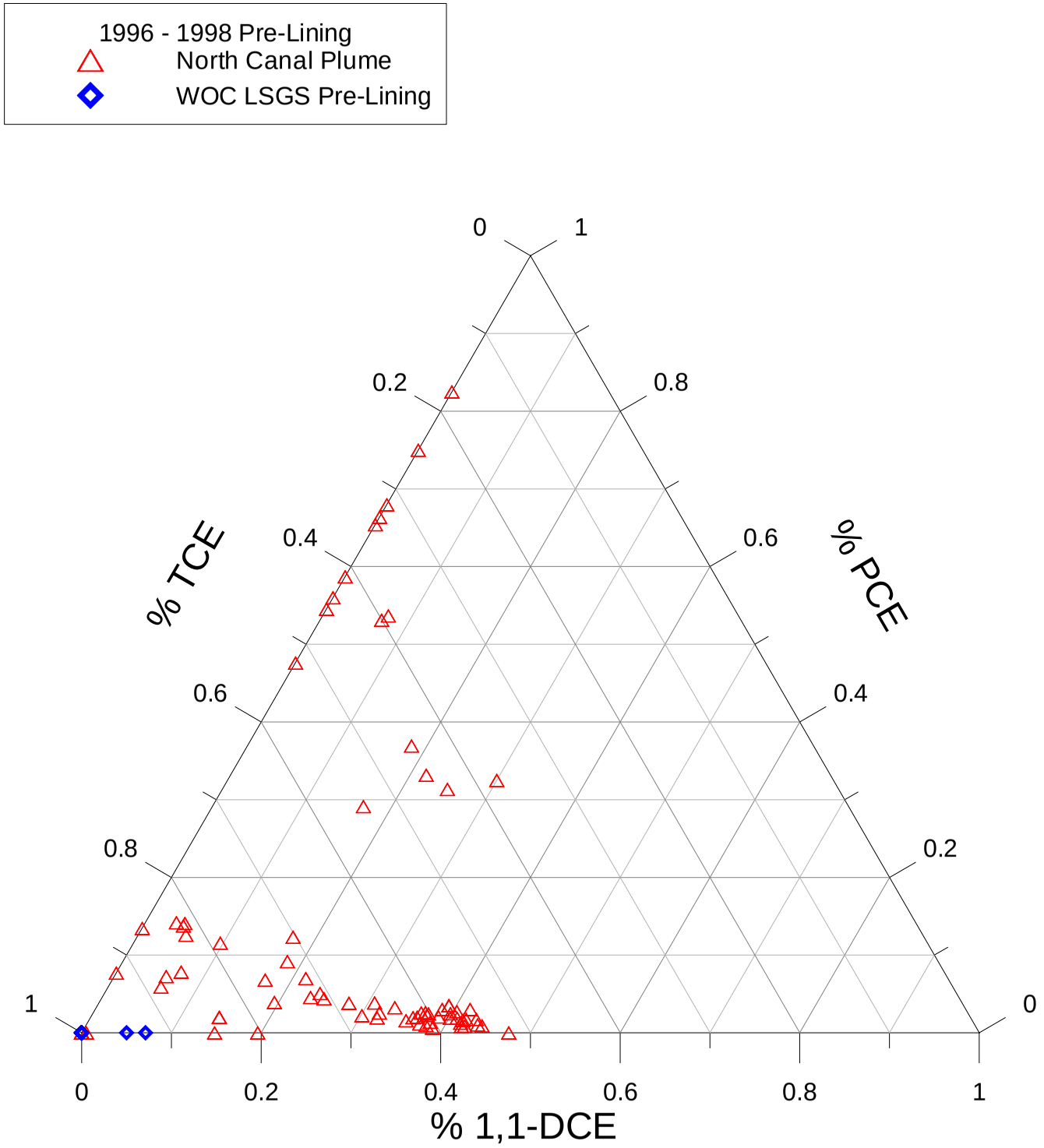

MW-2M (ADWR 55-558431)
Screened 330-370 ft bgs
Analyte | AWQS | Concentration | Units
PCE | 5 | 13 | µg/L
TCE | 5 | 29 | µg/L
1,1-DCE | 7 | <1.0 | µg/L
MW-110M (ADWR 55-594741)
Screened 295-340 ft bgs
Analyte | AWQS | Concentration | Units
PCE | 5 | 1.1 | µg/L
TCE | 5 | 2.8 | µg/L
1,1-DCE | 7 | <1.0 | 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-62
WCP-12
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



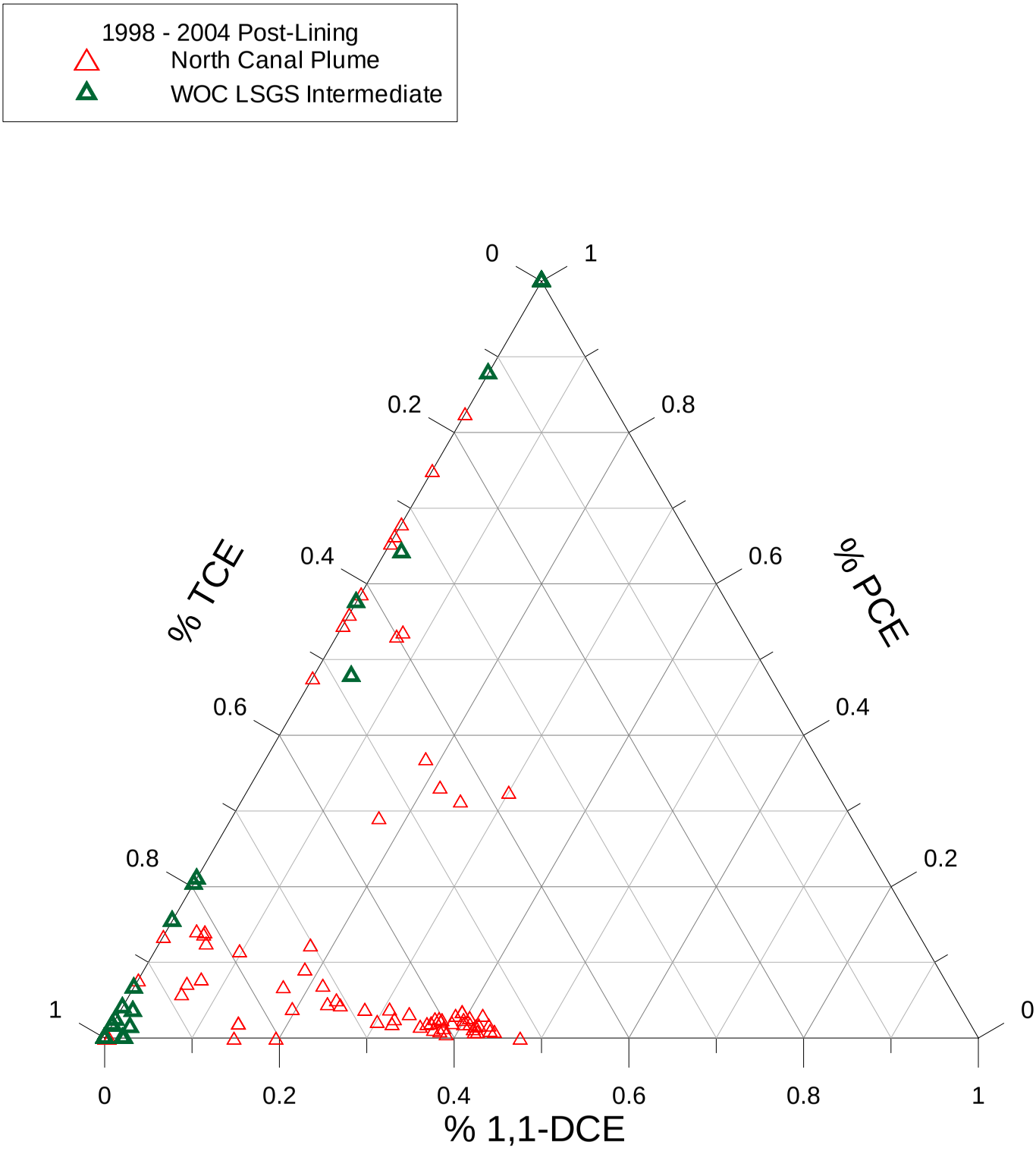
TITLE: Chemical Fingerprint of North Canal Plume			
CLIENT: West Osborn Complex WQARF Site, Phoenix, Arizona			
GeoTrans, Inc.	CHECKED	JR	FIGURE:
	DRAFTED	TD	3-25
	PROJECT	2209.004	
	DATE	01/26/12	



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	



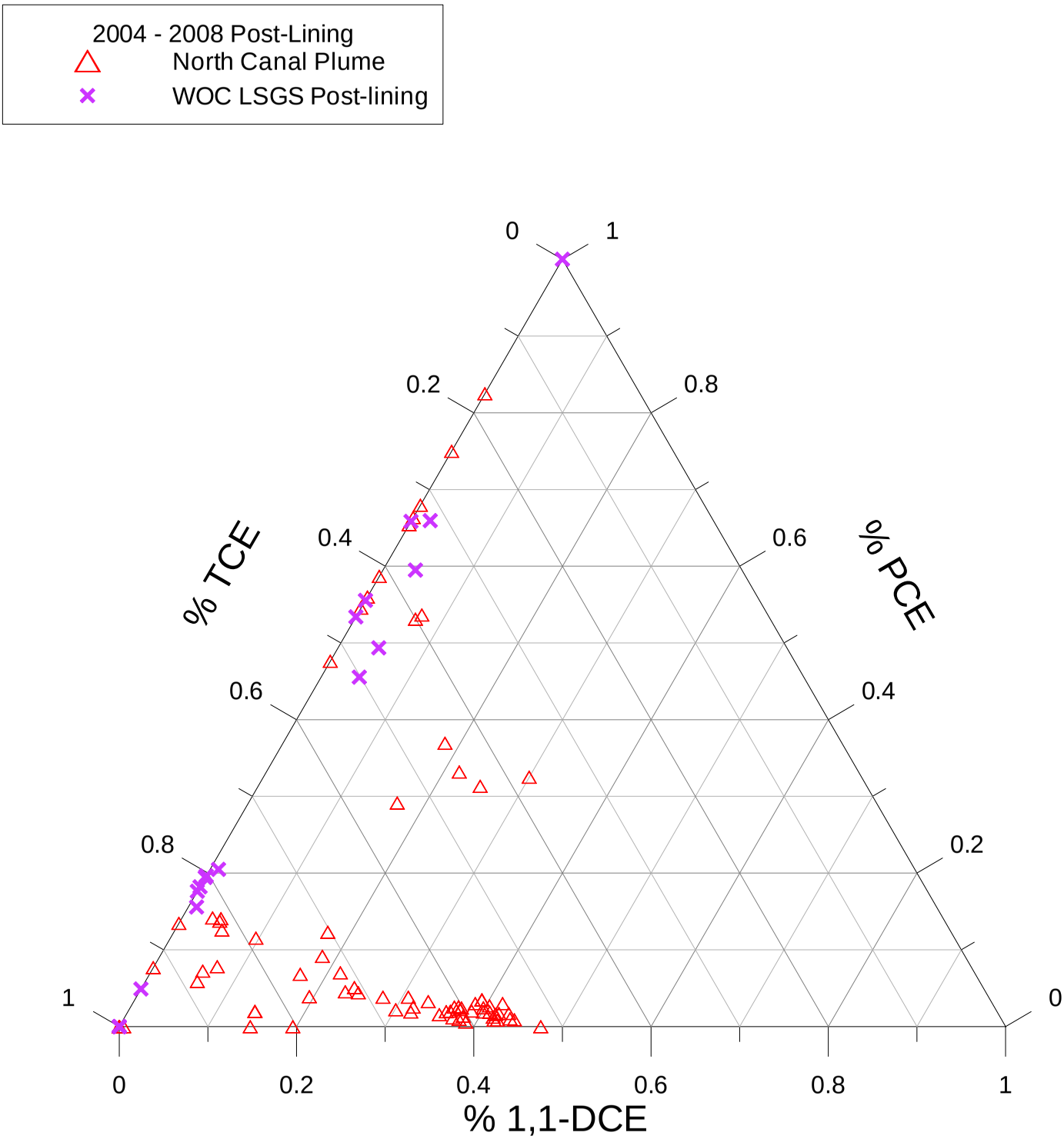
TITLE: Chemical Fingerprints of NCP and WOC After Canal Lining (Groundwater Mound Dissipating)

CLIENT: West Osborn Complex WQARF Site, Phoenix, Arizona

GeoTrans, Inc.

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

Figure: 3-27

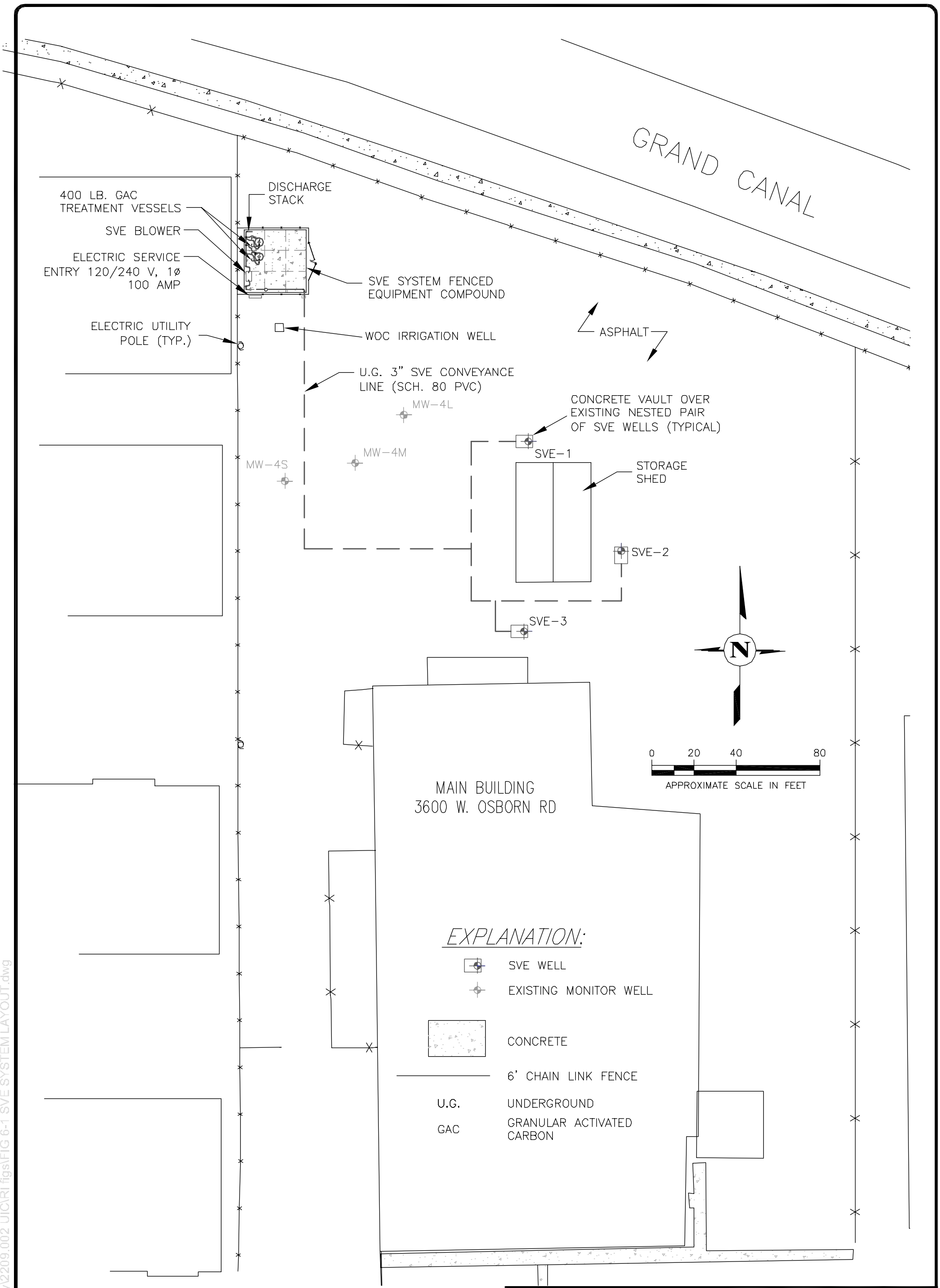


TITLE: Chemical Fingerprints of NCP and WOC After Canal Lining (Groundwater Mound Absent)

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**

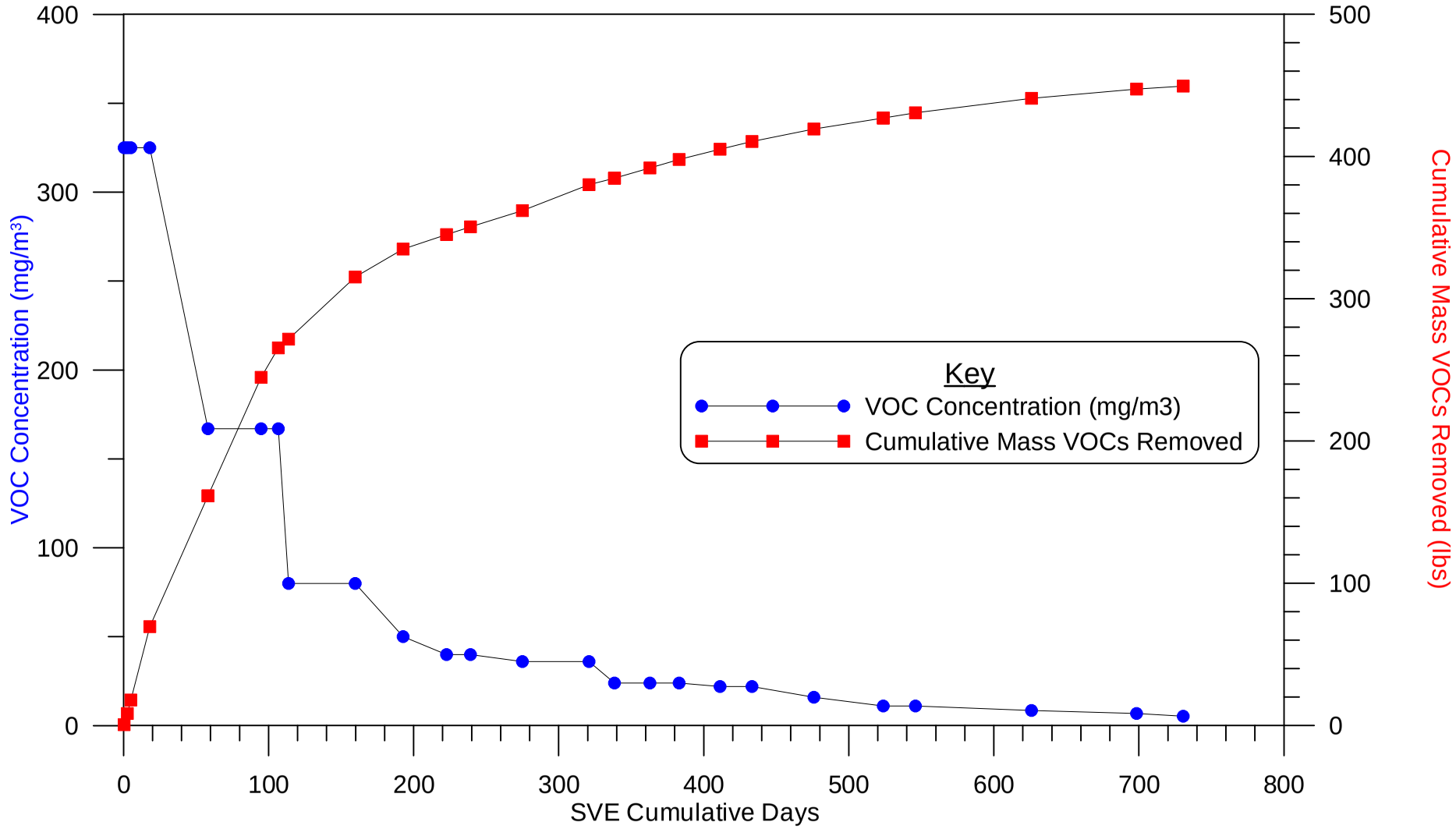
LOCATION: **WEST OSBORN COMPLEX**

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

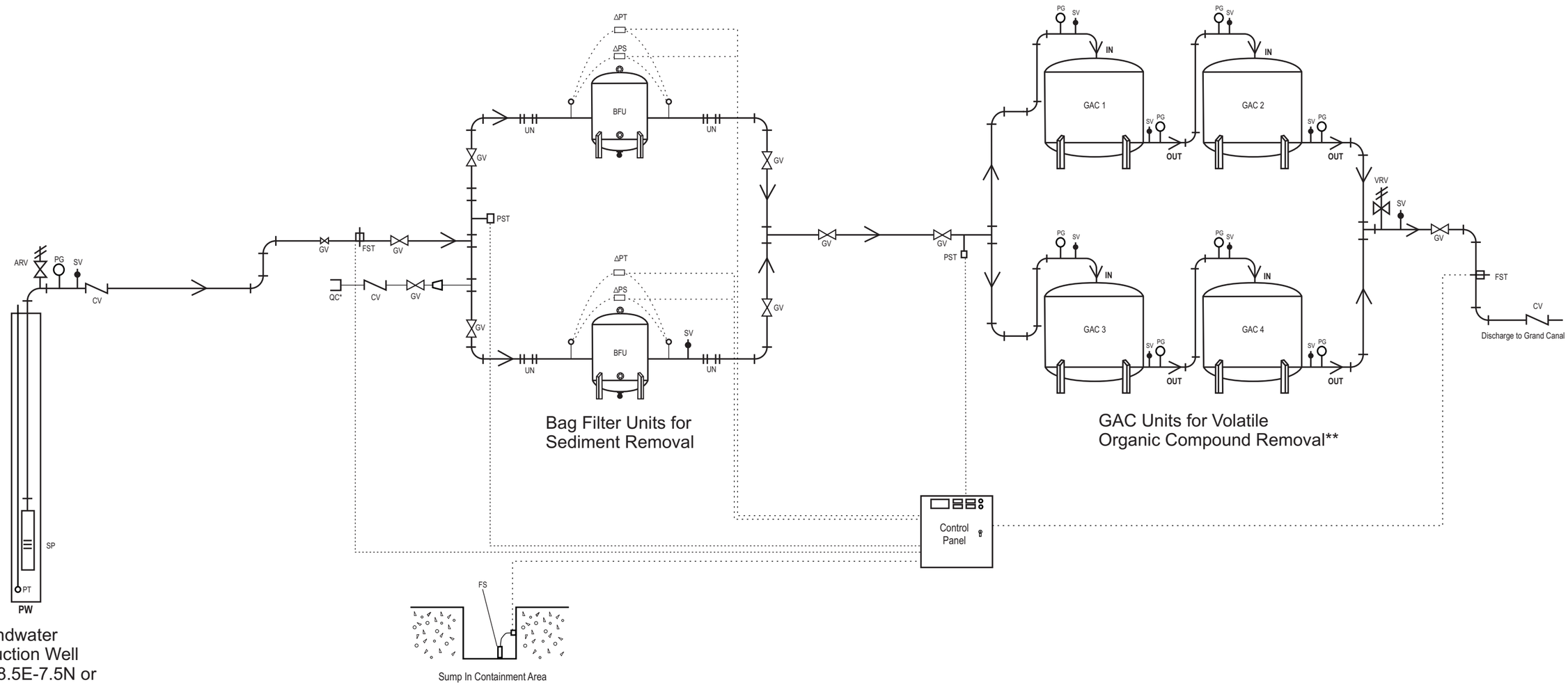
GeoTrans, Inc.

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