



MEETING MINUTES

**20th Street & Factor Avenue
Water Quality Assurance Revolving Fund (WQARF) Site
Community Advisory Board (CAB) Meeting**

August 14, 2013, 6 - 7 p.m.

**Yuma County Main Library, Meeting Room A
2951 S. 21st Dr., Yuma, AZ 85364**

MINUTES

CAB Members Present: Greg Ferguson, Silvia Gunderman, Russell McCloud, Kyle Smith

CAB Members Absent: Karl Enockson, Miriam Thornton, Richard Loebig, David Villarreal

ADEQ Staff Present: Scott Goodwin, Project Manager; Delfina Olivarez, Community Involvement Coordinator

Members of Public Present: Richard (Dick) Fischer, resident; Earnest Alfarue, business owner

1. Welcome and Introductions

The meeting began at 6 p.m. Ms. Olivarez conducted introductions. Ms. Olivarez explained four CAB members were present, five are needed for quorum and that they could discuss business but no final decisions could be made.

2. Update Site Activities (see presentation attached)

Mr. Goodwin gave an update on site groundwater monitoring and result and the current construction of the asphalt-based cap at the 20th Street & Factor site. Mr. McCloud asked about groundwater remediation. Mr. Goodwin talked about the possibilities of pump and treat and treating in place. Community members and business owners asked about drainage at the site. Mr. Goodwin explained when the construction is completed the new asphalt drainage will go to respective gutters and swales. Mr. Goodwin continued if the new asphalt does not drain properly when construction is complete, the construction company will fix the new asphalt to drain properly.

A community member asked about health safety for the buildings at the site. Mr. Goodwin replied the buildings at the site have been evaluated for indoor air risk exposure and the buildings

passed the indoor air risk evaluations. Mr. Goodwin explained the cost of defining the plume and removing the source area was seven million dollars.

3. Vote on May 15, 2013 Meeting Minutes

No quorum, no vote.

4. CAB Business, Discussion of Community Involvement Plan (CIP) and Charter Outlines

Ms. Olivarez mentioned that she had emailed CIP interview questions to them in order for them to answer at their leisure.

5. *Call to Public

No further comments or questions.

6. Future Meeting Plans/Agenda Discussion

Mr. Goodwin explained there wouldn't be anything different to report on before January. The CAB agreed to tentatively set the next CAB meeting date for January 22, 2014.

7. Adjournment

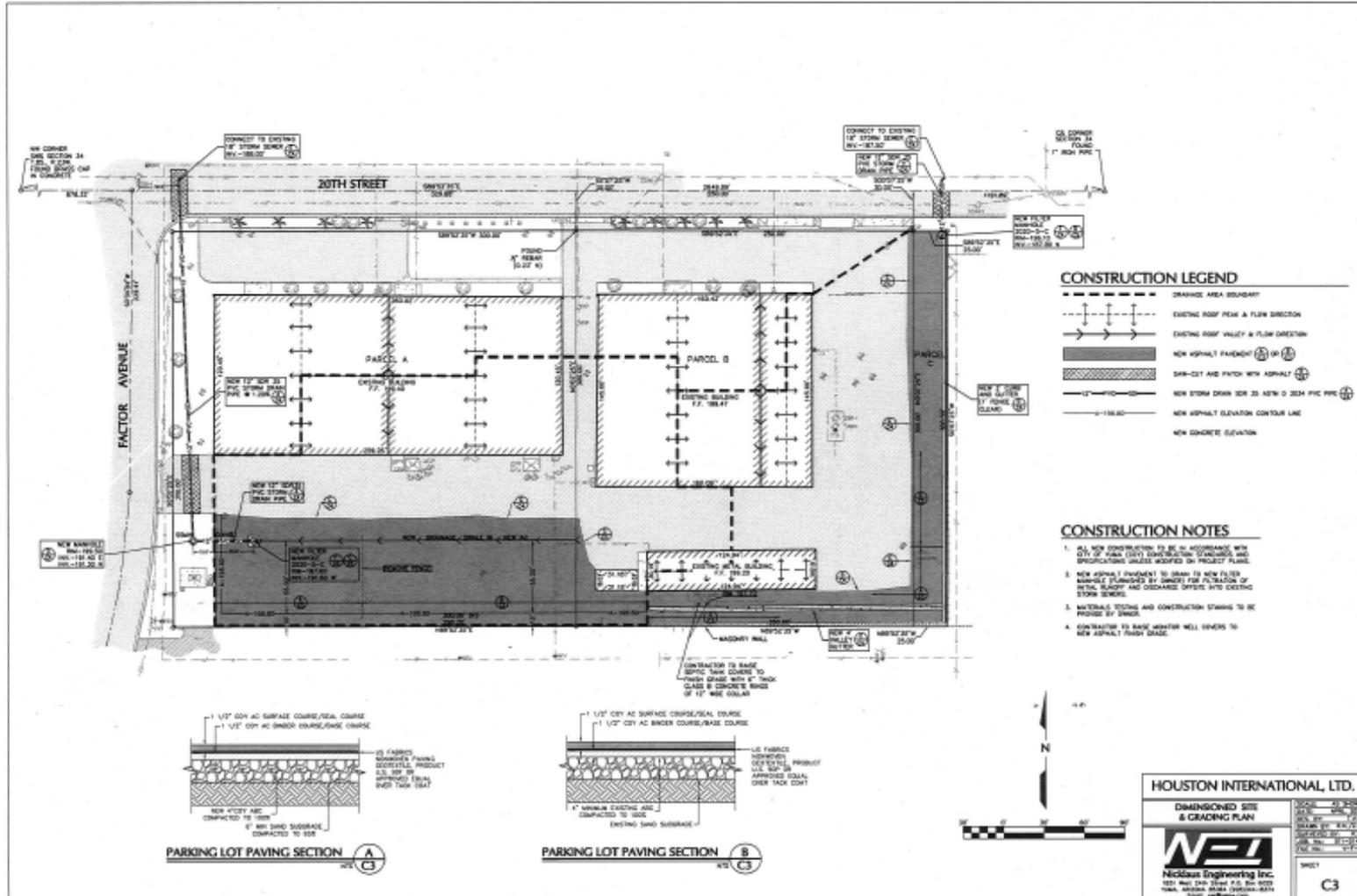
CAB adjourned at 7:30 p.m.

*This meeting was recorded on a digital device as a record of the proceedings. To listen to a recording, or for additional information about the content of this meeting, contact:
ADEQ: Caroline Oppeleman at 602-771-6890.*



20th Street & Factor Avenue
Water Quality Assurance Revolving Fund
Site
August 14, 2013

Site Status Cap Areas



Site Status Original Condition





CEMEX

YUMA, AZ USDOT 942243

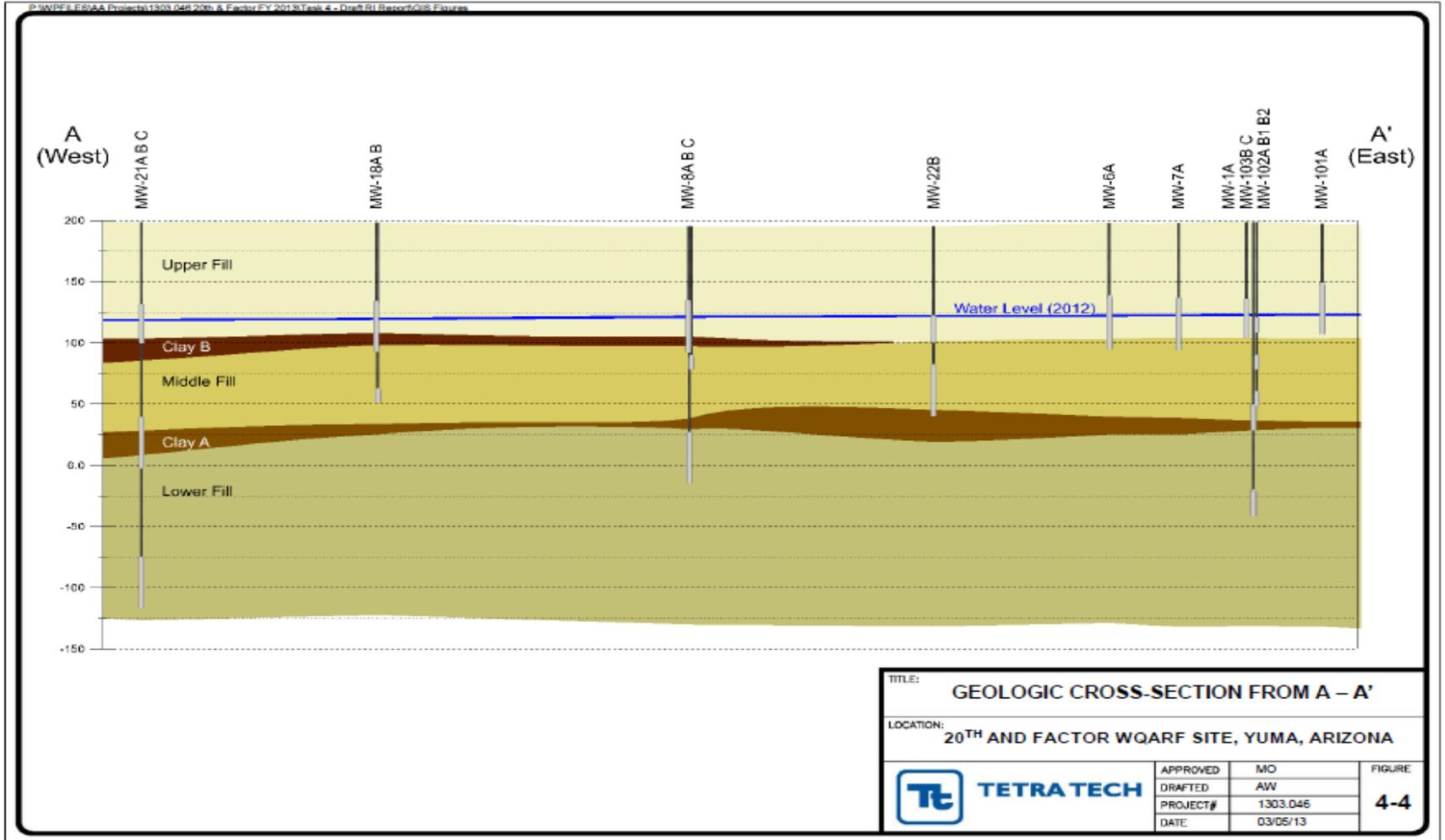
CHEVROLET

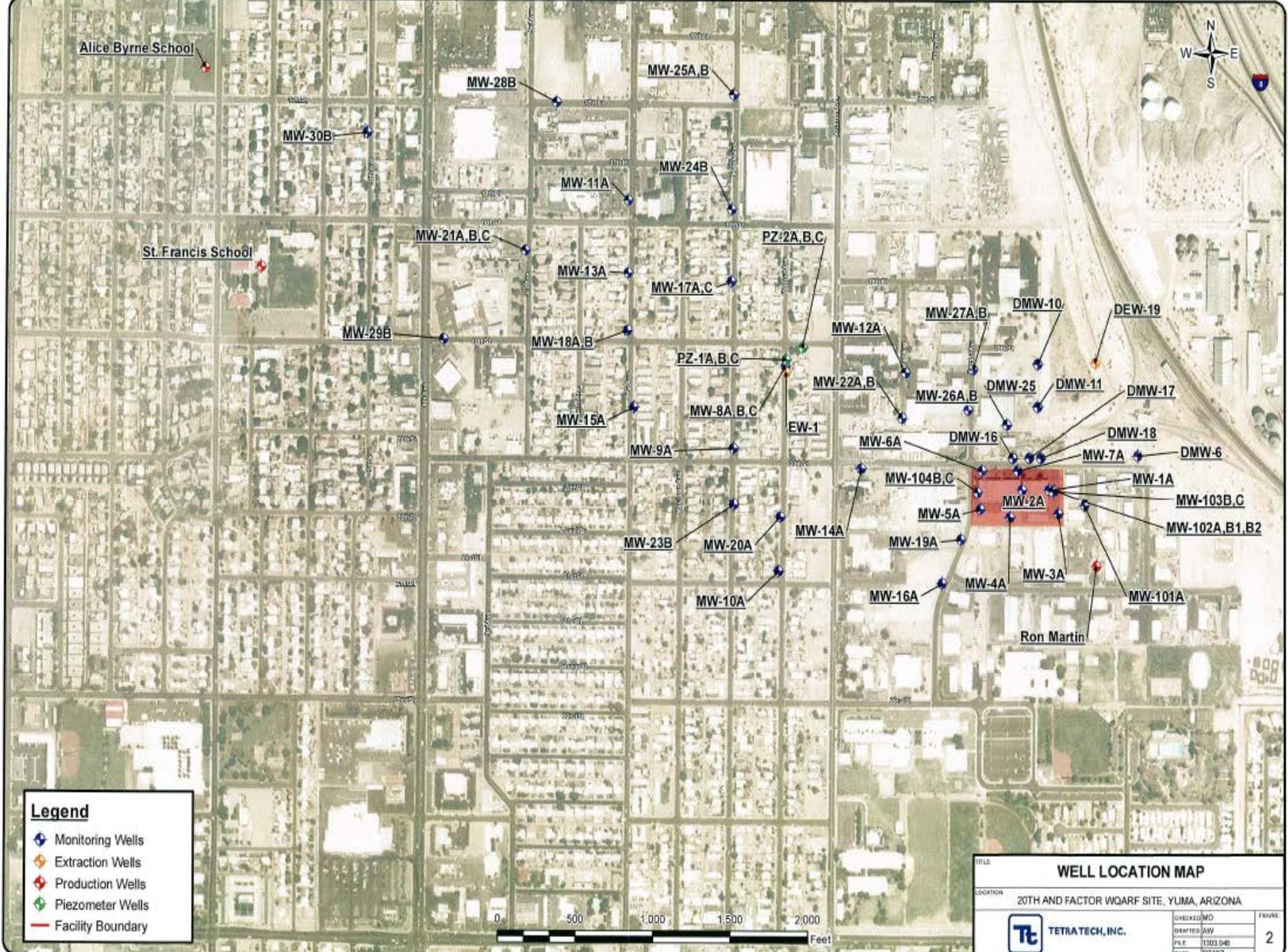








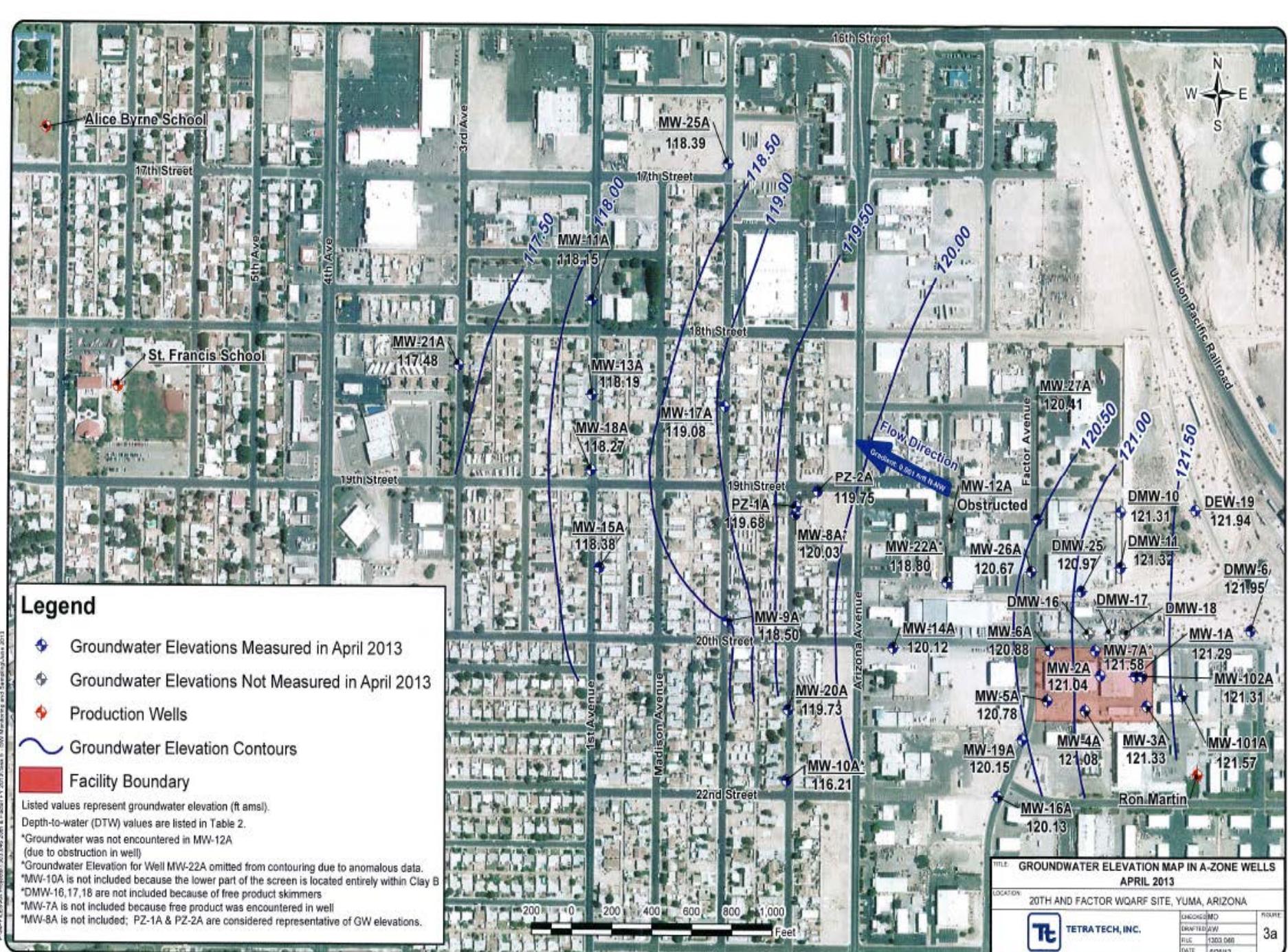




Legend

- ◆ Monitoring Wells
- ◆ Extraction Wells
- ◆ Production Wells
- ◆ Piezometer Wells
- Facility Boundary

WELL LOCATION MAP		
LOCATION: 20TH AND FACTOR WHARF SITE, YUMA, ARIZONA		
	TETRA TECH, INC.	FIGURE: 2
CHECKED BY	DATE	
DRAWN BY	DATE	
FILE: 1303_046	DATE: 02/24/13	

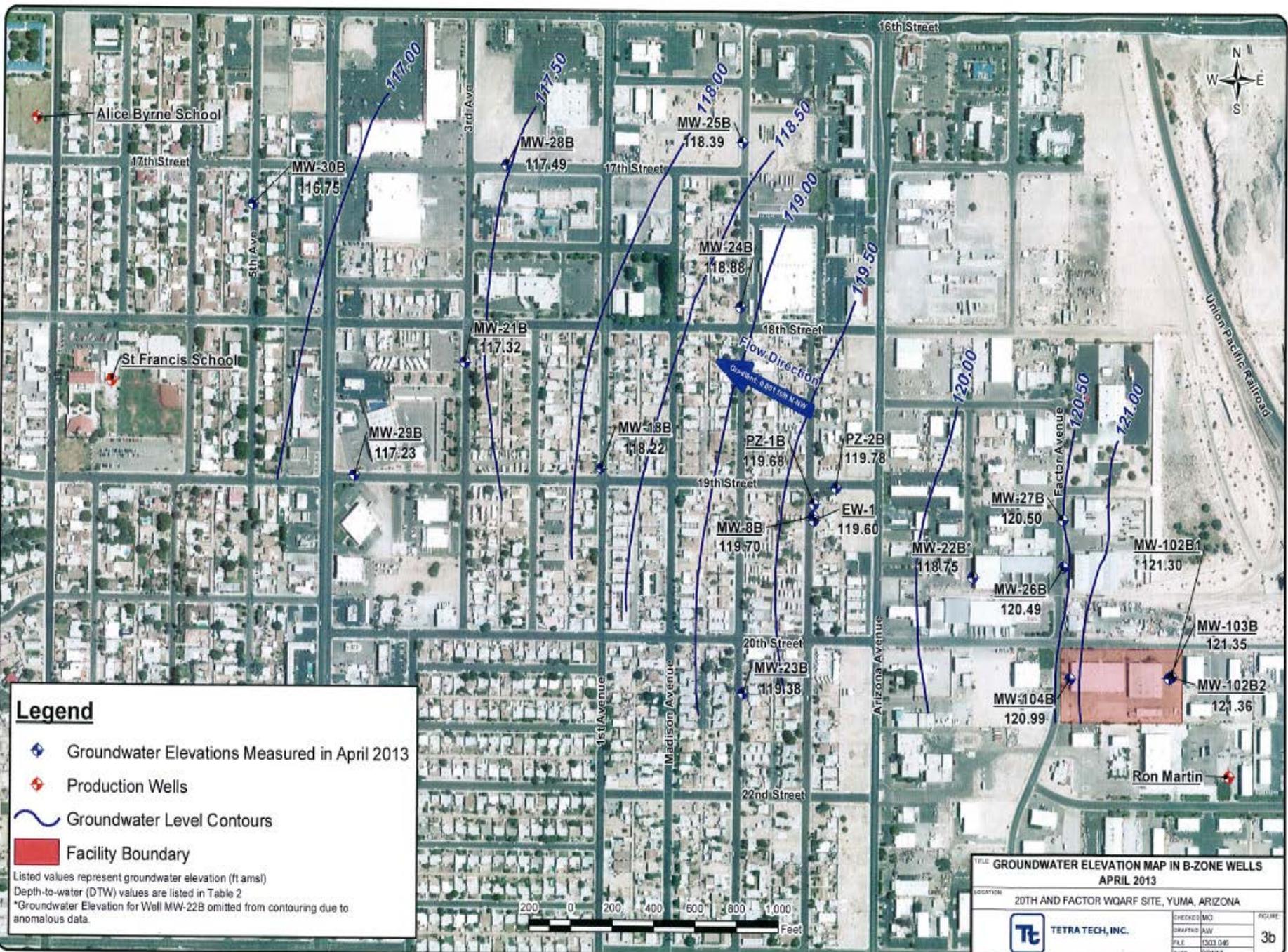


Legend

- ◆ Groundwater Elevations Measured in April 2013
- ◆ Groundwater Elevations Not Measured in April 2013
- ◆ Production Wells
- ~ Groundwater Elevation Contours
- Facility Boundary

Listed values represent groundwater elevation (ft amsl).
 Depth-to-water (DTW) values are listed in Table 2.
 *Groundwater was not encountered in MW-12A (due to obstruction in well)
 *Groundwater Elevation for Well MW-22A omitted from contouring due to anomalous data.
 *MW-10A is not included because the lower part of the screen is located entirely within Clay B
 *DMW-16, 17, 18 are not included because of free product skimmers
 *MW-7A is not included because free product was encountered in well
 *MW-8A is not included; PZ-1A & PZ-2A are considered representative of GW elevations.

TITLE: GROUNDWATER ELEVATION MAP IN A-ZONE WELLS APRIL 2013		
LOCATION: 20TH AND FACTOR WQARF SITE, YUMA, ARIZONA		
 TETRA TECH, INC.	DRAWN BY: JAW FILE: 1303_088 DATE: 02/25/13	PROJECT: 3a



Legend

- Groundwater Elevations Measured in April 2013
- Production Wells
- Groundwater Level Contours
- Facility Boundary

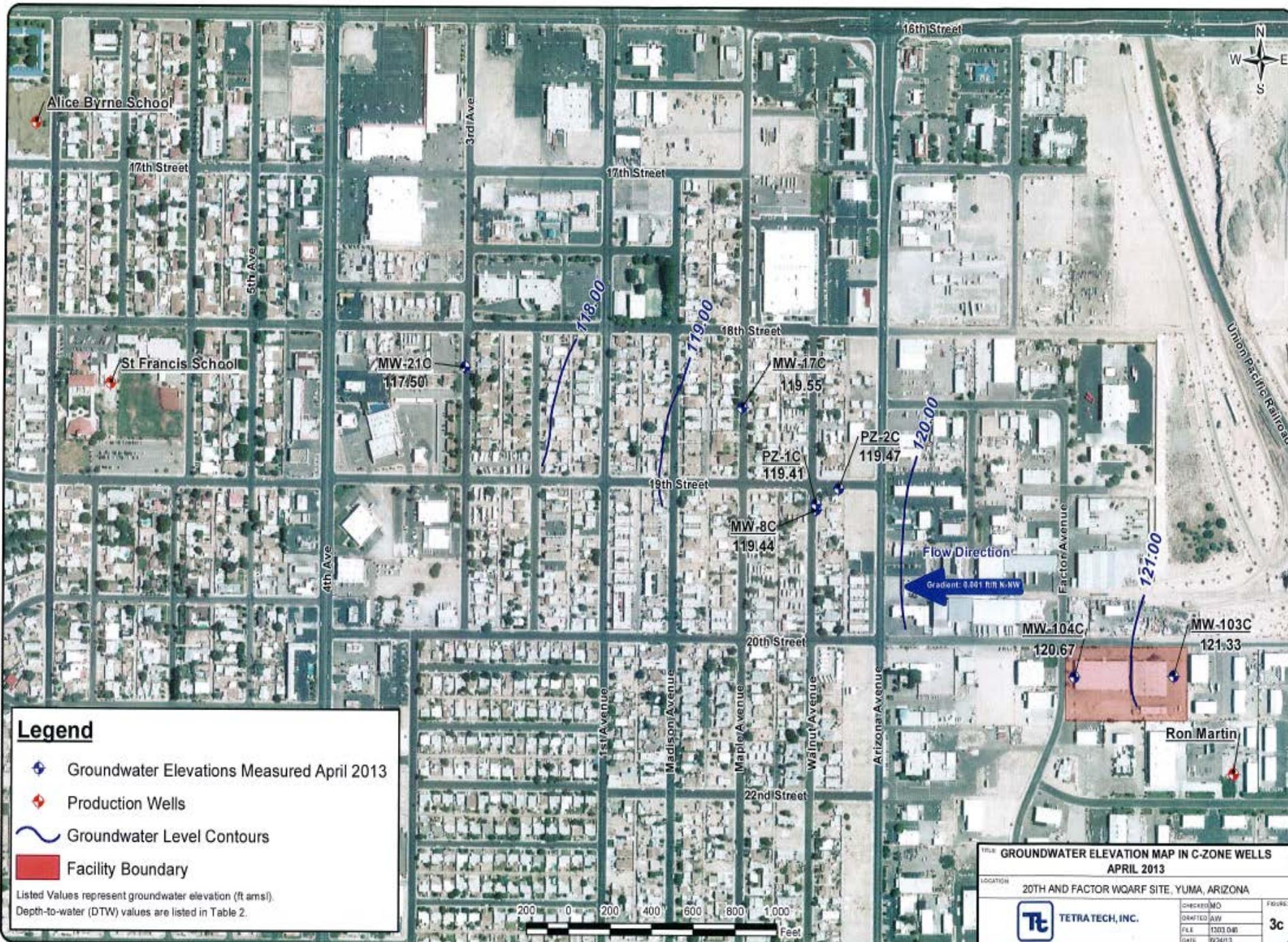
Listed values represent groundwater elevation (ft amsl)
 Depth-to-water (DTW) values are listed in Table 2
 *Groundwater Elevation for Well MW-22B omitted from contouring due to anomalous data.



TITLE GROUNDWATER ELEVATION MAP IN B-ZONE WELLS
APRIL 2013

LOCATION 20TH AND FACTOR WQARF SITE, YUMA, ARIZONA

	TETRA TECH, INC.	CHECKED: MCO	FIGURE
		DRAWN: AW	3b
		FILE: 1503.DWG	
		DATE: 03/24/13	



Legend

- Groundwater Elevations Measured April 2013
- Production Wells
- Groundwater Level Contours
- Facility Boundary

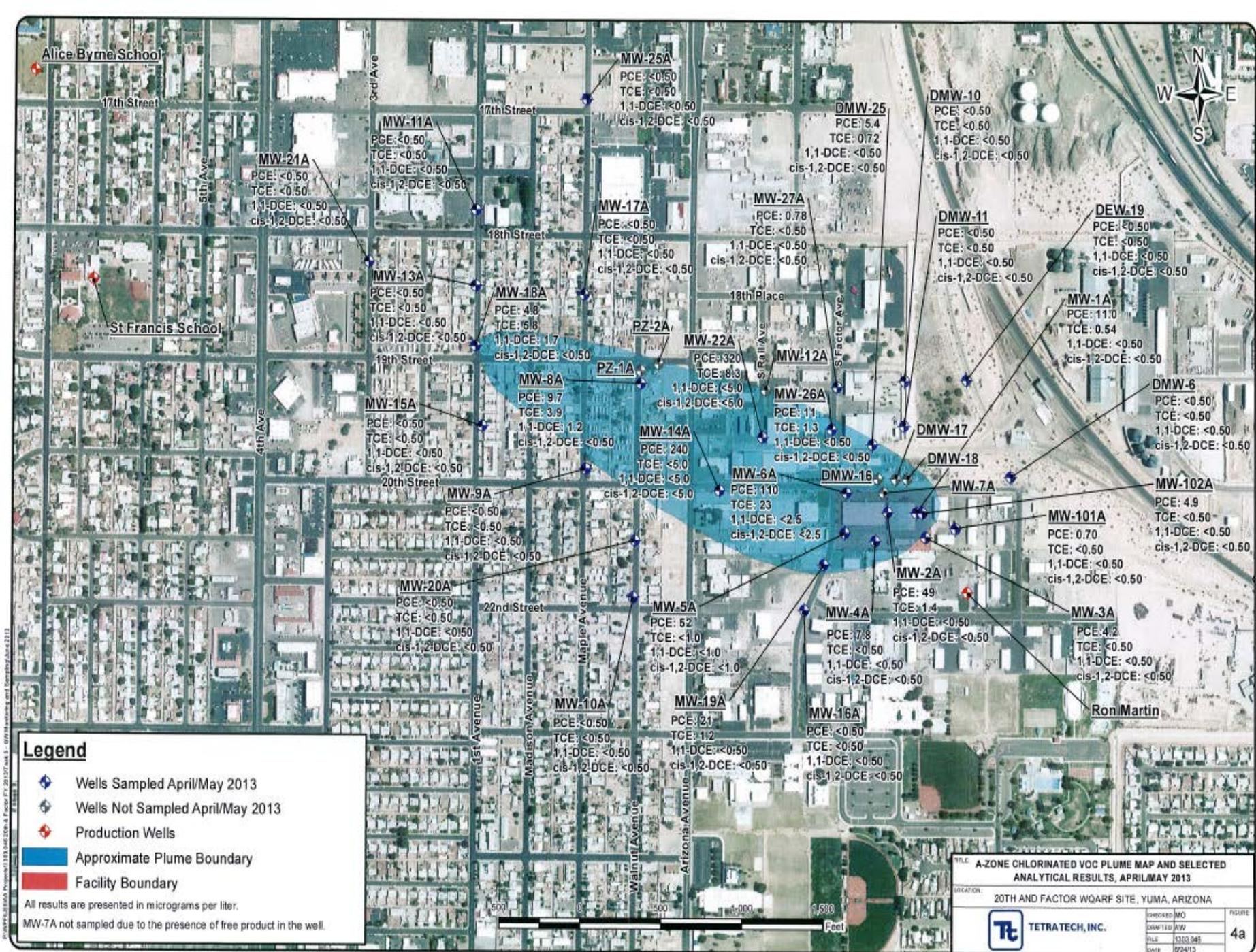
Listed Values represent groundwater elevation (ft amsl).
 Depth-to-water (DTW) values are listed in Table 2.

TITLE GROUNDWATER ELEVATION MAP IN C-ZONE WELLS
APRIL 2013

LOCATION 20TH AND FACTOR QUARF SITE, YUMA, ARIZONA

	CHECKED BY	FIGURE
	DRAFTED BY	3c
	FILE 1303.048	
DATE 02/24/13		

P:\MPL\LEI\Map\1303_048_2013_4_Factor_PZ2013.mxd © 2013 Tetra Tech, Inc. All rights reserved.



Alice Byrne School

17th Street

3rd Ave

5th Ave

4th Ave

22nd Street

Madison Avenue

Wainui Avenue

Arizona Avenue

MW-21A
PCE: <0.50
TCE: <0.50
1,1-DCE: <0.50
cis-1,2-DCE: <0.50

MW-11A
PCE: <0.50
TCE: <0.50
1,1-DCE: <0.50
cis-1,2-DCE: <0.50

MW-13A
PCE: <0.50
TCE: <0.50
1,1-DCE: <0.50
cis-1,2-DCE: <0.50

MW-15A
PCE: <0.50
TCE: <0.50
1,1-DCE: <0.50
cis-1,2-DCE: <0.50

MW-20A
PCE: <0.50
TCE: <0.50
1,1-DCE: <0.50
cis-1,2-DCE: <0.50

MW-18A
PCE: 4.8
TCE: 5.8
1,1-DCE: 1.7
cis-1,2-DCE: <0.50

MW-8A
PCE: 9.7
TCE: 3.9
1,1-DCE: 1.2
cis-1,2-DCE: <0.50

MW-9A
PCE: <0.50
TCE: <0.50
1,1-DCE: <0.50
cis-1,2-DCE: <0.50

MW-10A
PCE: <0.50
TCE: <0.50
1,1-DCE: <0.50
cis-1,2-DCE: <0.50

MW-17A
PCE: <0.50
TCE: <0.50
1,1-DCE: <0.50
cis-1,2-DCE: <0.50

MW-22A
PCE: 3.20
TCE: 8.13
1,1-DCE: <0.50
cis-1,2-DCE: <0.50

MW-14A
PCE: 240
TCE: <5.0
1,1-DCE: <5.0
cis-1,2-DCE: <5.0

MW-5A
PCE: 6.2
TCE: <1.0
1,1-DCE: <1.0
cis-1,2-DCE: <1.0

MW-19A
PCE: 2.1
TCE: 1.2
1,1-DCE: <0.50
cis-1,2-DCE: <0.50

MW-25A
PCE: <0.50
TCE: <0.50
1,1-DCE: <0.50
cis-1,2-DCE: <0.50

MW-27A
PCE: 0.78
TCE: <0.50
1,1-DCE: <0.50
cis-1,2-DCE: <0.50

MW-12A
PCE: 11
TCE: 1.3
1,1-DCE: <0.50
cis-1,2-DCE: <0.50

MW-6A
PCE: 110
TCE: 23
1,1-DCE: <2.5
cis-1,2-DCE: <2.5

MW-4A
PCE: 7.8
TCE: <0.50
1,1-DCE: <0.50
cis-1,2-DCE: <0.50

MW-16A
PCE: <0.50
TCE: <0.50
1,1-DCE: <0.50
cis-1,2-DCE: <0.50

DMW-25
PCE: 5.4
TCE: 0.72
1,1-DCE: <0.50
cis-1,2-DCE: <0.50

DMW-16
PCE: 110
TCE: 23
1,1-DCE: <2.5
cis-1,2-DCE: <2.5

MW-2A
PCE: 49
TCE: 1.4
1,1-DCE: <0.50
cis-1,2-DCE: <0.50

DMW-10
PCE: <0.50
TCE: <0.50
1,1-DCE: <0.50
cis-1,2-DCE: <0.50

DMW-11
PCE: <0.50
TCE: <0.50
1,1-DCE: <0.50
cis-1,2-DCE: <0.50

DMW-17
PCE: <0.50
TCE: <0.50
1,1-DCE: <0.50
cis-1,2-DCE: <0.50

DMW-18
PCE: <0.50
TCE: <0.50
1,1-DCE: <0.50
cis-1,2-DCE: <0.50

MW-102A
PCE: 4.9
TCE: <0.50
1,1-DCE: <0.50
cis-1,2-DCE: <0.50

DEW-19
PCE: <0.50
TCE: <0.50
1,1-DCE: <0.50
cis-1,2-DCE: <0.50

MW-1A
PCE: 11.0
TCE: 0.54
1,1-DCE: <0.50
cis-1,2-DCE: <0.50

MW-101A
PCE: 0.70
TCE: <0.50
1,1-DCE: <0.50
cis-1,2-DCE: <0.50

MW-3A
PCE: 4.2
TCE: <0.50
1,1-DCE: <0.50
cis-1,2-DCE: <0.50

Legend

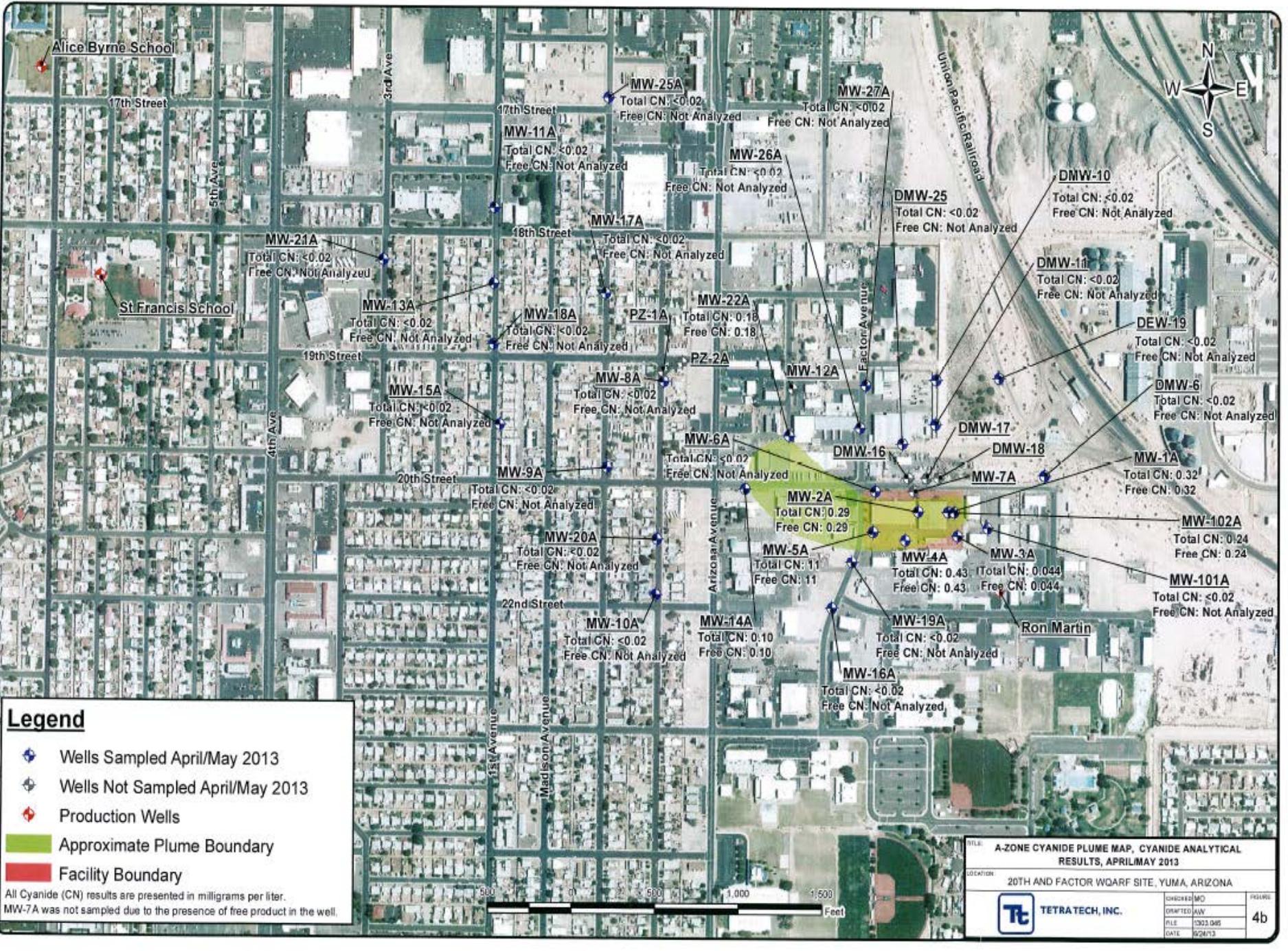
- Wells Sampled April/May 2013
- Wells Not Sampled April/May 2013
- Production Wells
- Approximate Plume Boundary
- Facility Boundary

All results are presented in micrograms per liter.
MW-7A not sampled due to the presence of free product in the well.

TITLE: A-ZONE CHLORINATED VOC PLUME MAP AND SELECTED ANALYTICAL RESULTS, APRIL/MAY 2013

LOCATION: 20TH AND FACTOR WQARF SITE, YUMA, ARIZONA

	CHECKED: MD	FIGURE:
	DATE: 02/24/13	4a
	DATE: 02/24/13	



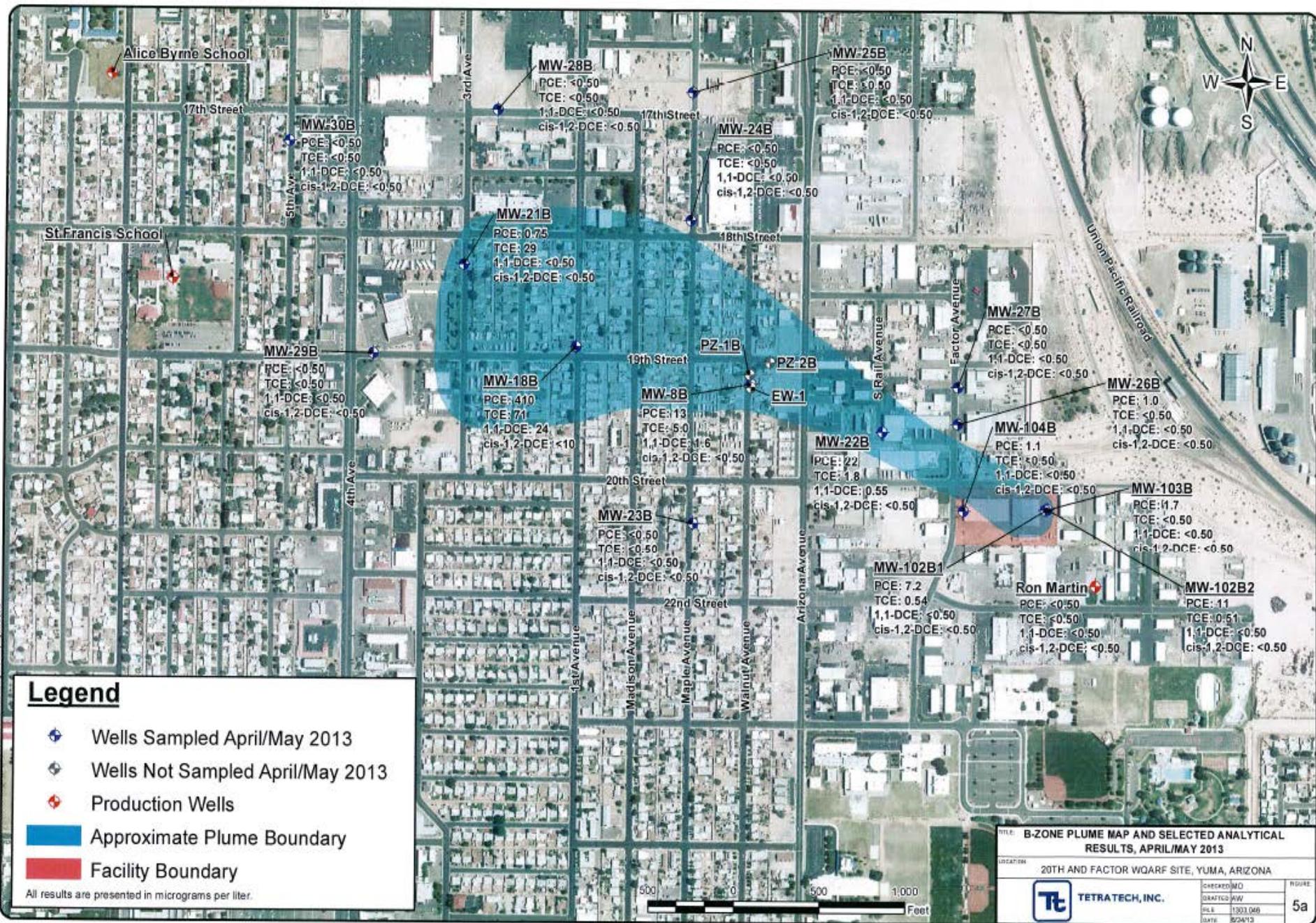
Legend

- ◆ Wells Sampled April/May 2013
- ◆ Wells Not Sampled April/May 2013
- ◆ Production Wells
- Approximate Plume Boundary
- Facility Boundary

All Cyanide (CN) results are presented in milligrams per liter.
 MW-7A was not sampled due to the presence of free product in the well.

TITLE: A-ZONE CYANIDE PLUME MAP, CYANIDE ANALYTICAL RESULTS, APRIL/MAY 2013	
LOCATION: 20TH AND FACTOR QUARF SITE, YUMA, ARIZONA	
CHECKED: MO	FIGURE:
DRAFTED: HW	4b
FILE: 1303_046	
DATE: 02/24/13	

P:\PHOTOGRAMMETRY\2013\448_2009_6_Pchtr.PY 20131216 5 - 000 Workings and Specifications 2013



Legend

- ◆ Wells Sampled April/May 2013
- ◆ Wells Not Sampled April/May 2013
- ◆ Production Wells
- Approximate Plume Boundary
- Facility Boundary

All results are presented in micrograms per liter.

TITLE: B-ZONE PLUME MAP AND SELECTED ANALYTICAL RESULTS, APRIL/MAY 2013			
LOCATION: 20TH AND FACTOR WQARF SITE, YUMA, ARIZONA			
	CHECKED: MO	FIGURE: 5a	
	DRAWN: HW		
	FILE: 1303_048		
	DATE: 02/24/13		



Legend

- ◆ Wells Sampled April/May 2013
- ◆ Wells Not Sampled April/May 2013
- ◆ Production Wells
- Approximate Plume Boundary
- Facility Boundary

TITLE B-ZONE PLUME MAP, AND CYANIDE ANALYTICAL RESULTS, APRIL/MAY 2013			
LOCATION 20TH AND FACTOR WQAR SITE, YUMA, ARIZONA			
CHECKED: [initials]	DATE: [initials]	FILE: 1303 046	FIGURE: 5b
TETRATECH, INC.		DATE: 02/24/13	

07/24/2013 10:53:00 AM 20th & Factor WQAR Site - 07/24/2013 10:53:00 AM 20th & Factor WQAR Site - 07/24/2013 10:53:00 AM

Questions?

Contact Information

Scott Goodwin, Project Manager
Remedial Projects Section

sdg@azdeq.gov

(602) 771-4452, 1800-234-5677 ext 771-4452

Delfina Olivarez, Community Involvement Coordinator
Remedial Projects Section

dco@azdeq.gov

(602) 771-4710, 1800-234-5677 ext 771-4710