

HTW BCT, May 9, 2018

April 2018 Key Events for OUCTP

- April 25: Biological Survey initiated for:
 - Year 3 at 2015 well installation locations (final monitoring event).
 - Year 2 at 2016 construction of EISB Deployment Area 3A.
 - Baseline survey at FONR well installation and decommissioning locations.

May 2018 Key Events for OUCTP

- May 2: Biological survey completed.
- May 9: Temporary shutdown of OU2 GWTP during PG&E transformer replacement, EW-OU2-09-180 offline.
- Prepare for 2018 decommissioning of five OUCTP A-Aquifer monitoring wells and three OUCTP Upper 180-Foot Aquifer monitoring wells.
- Prepare for 2018 installation of three OUCTP A-Aquifer monitoring wells, two OUCTP Upper 180-Foot Aquifer monitoring wells, and one OUCTP Lower 180-Foot Aquifer monitoring well.

Ahtna

Table 1. OUCTP EISB 3A VOC Results

Analyte:	Carbon Tetrachloride									
ACL:	0.5 µg/L									
Well Identification	Baseline	Month 1	Month 2	Month 3	Month 5	Month 6	Month 7	3Q 2017	4Q 2017	1Q 2018*
EW-BW-160-A	1.1 J+	0.86	0.66	0.60	1.3	1.0	1.0	0.64	0.83	0.91
EW-BW-161-A	0.84 J+	0.67	0.51	0.48 J	0.69	0.47 J	0.47 J	0.38 J	0.19 J	0.15 J
EW-BW-162-A	1.0 J+	0.72	0.59	0.56	0.41 J	0.28 J	0.18 J	ND (0.25)	ND (0.25)	ND (0.25)
EW-BW-163-A	1.2 J+	1.2	0.94	0.89	0.31 J	0.25 J	0.25 J	0.16 J	0.13 J	ND (0.25)
EW-BW-164-A	0.92 J+	0.73	0.61 J-	0.59	0.78	0.71	0.89	0.64	0.47 J	0.32 J
EW-BW-165-A	1.2 J+	1.1	0.83	0.82	0.13 J	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
EW-BW-166-A	1.7 J+	1.4	1.2	1.2	1.4	1.1	1.3	1.5	0.35 J	1.4
EW-BW-167-A	1.7 J+	1.4	1.1	1.4	1.1	0.71	0.66	0.43 J	0.22 J	0.16 J
EW-BW-168-A	1.3 J+	1.1	0.82	0.77	0.84	0.72	0.80	0.55	0.53	0.48 J
EW-BW-169-A	1.0 J+	0.68	0.63	0.67	0.73	0.42 J	0.80	0.51	0.38 J	0.23 J
MW-BW-16-A	0.60 J+	0.75	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
MW-BW-57-A	0.45 J+	ND (0.25)	0.26 J	0.32 J	0.26 J	0.24 J	0.31 J	0.17 J	ND (0.25)	ND (0.25)
MW-BW-87-A	0.17 J+	ND (0.25)	0.29 J	0.65	0.61	0.34 J	1.6	0.16 J	0.42 J	0.13 J
MW-BW-91-A	ND (0.25)	1.3	0.84	2.3	0.50	0.28 J	0.55	0.59	4.3	3.4

Notes:

There were no detections for either methylene chloride or trichloroethene

ACL: Aquifer Cleanup Level

ND: The analyte was not detected at or above the detection limit

µg/L: micrograms per liter

J: Estimated result with a possible low (-) or high bias (+)

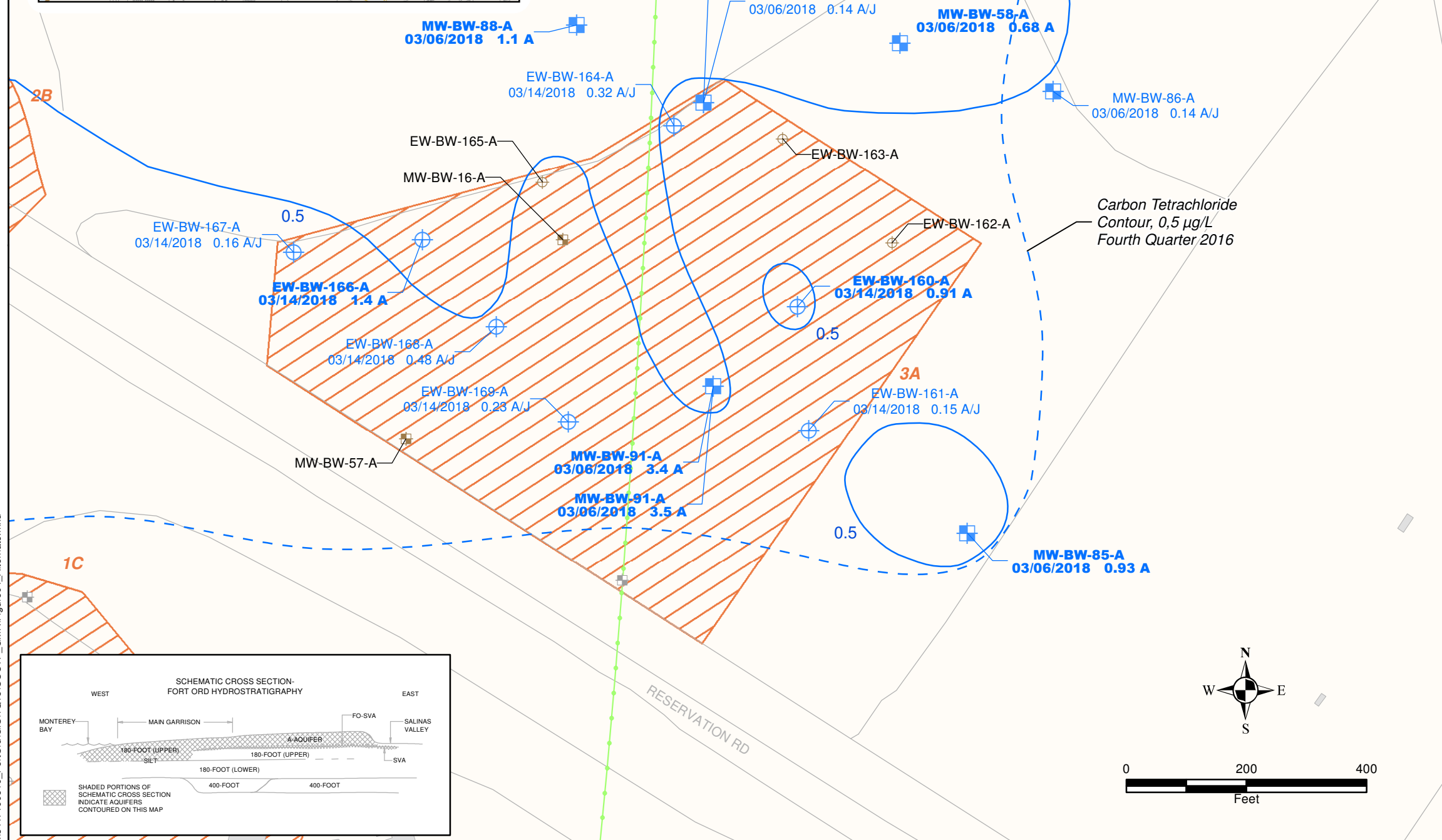
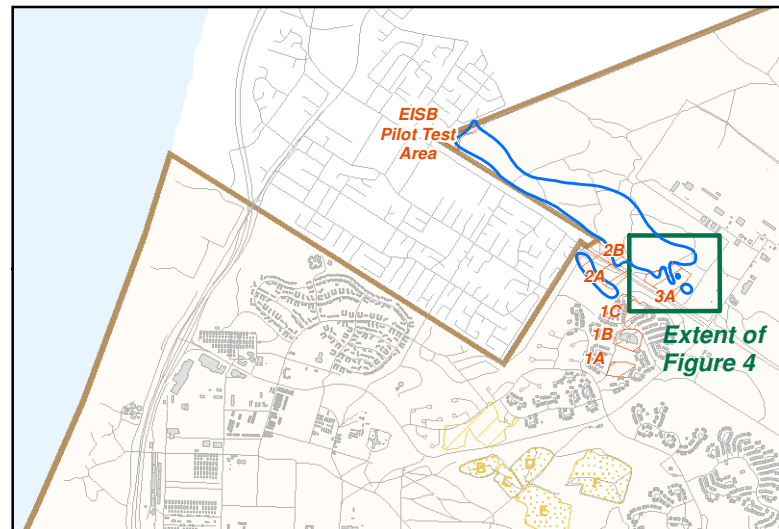
Results in **bold** and shaded are concentrations above the ACL

Results in gray are ND

* Preliminary results



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EXPLANATION	
	Monitoring Well with CT Detection
	Extraction Well with CT Detection
Well ID - Bold When ACL Exceeded (* Indicates: Sample result not used for contouring)	
MW-BW-87-A 03/06/2018 0.13 A/J	Baseline and/or quarterly monitoring concentration (µg/L) with validation/lab qualifier. Bold when exceeds the ACL.
03/06/2018 0.14 A/J	
	Monitoring Well CT Not Detected
	Extraction Well CT Not Detected
	Monitoring Well Not Sampled This Quarter
	Extraction Well Not Sampled This Quarter
Chemical of Concern (COC) Aquifer Cleanup Level (ACL) Exceedance Contour in µg/L	
0.5	Carbon tetrachloride (CT)
	Enhanced In Situ Bioremediation (EISB) Deployment Area
	Approximate Location of a Groundwater Divide
	Roads
	Facilities
	Former Fort Ord Boundary
Approximate extent of Fort Ord Landfill Areas	
	OU2 Landfill Areas B through F
	Area A (clean closed)

- NOTES:
- (1) Quarterly samples at EISB Deployment Area 3A extraction wells were collected on March 14 and March 27, 2018. Samples at OUCTP monitoring wells were collected on March 6, 2018.
 - (2) Contours are based on one interpretation of the data that were available at the time this report was prepared; other interpretations may be possible.
 - (3) Contours based on highest value obtained from multiple bags where applicable.
 - (4) Contours near wells not sampled this quarter are inferred from previous analytical data.

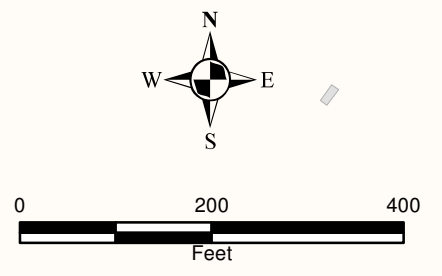
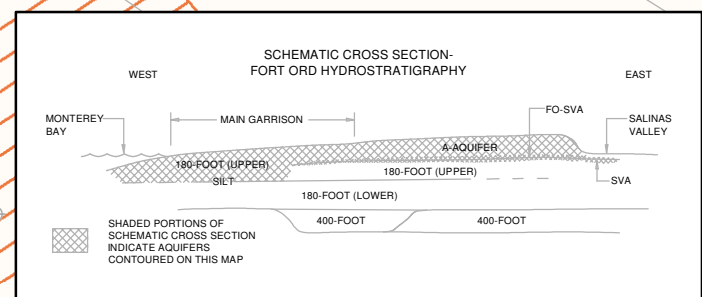


Table 2. OUCTP A-Aquifer Select Monitoring Well Data

OUCTP Hydraulic Zone ¹	EISB Deployment Area	Well Identification	Select COC Concentrations (µg/L)					
			4Q 2017	1Q 2018	4Q 2017	1Q 2018	4Q 2017	1Q 2018
			CT		Chloroform		TCE	
ACL:			0.5		2.0		5.0	
1	1C	EW-BW-109-A	1.8	1.4	0.35 J	0.37 J	0.77	0.62
1	N/A	MW-BW-24-A	4.5	3.1	0.69	0.58	2.5	1.6
2	3A	MW-BW-58-A	1.2	0.68	0.21 J+	0.12 J	ND (0.25)	ND (0.25)
2	3A	MW-BW-87-A	0.40 J	0.14 J	0.14 J	ND (0.25)	ND (0.25)	ND (0.25)
2	3A	MW-BW-91-A	4.4	3.5	0.67	0.50	ND (0.25)	ND (0.25)
N/A	3A	MW-BW-90-A	0.99	0.86	0.15 J	0.13 J	ND (0.25)	ND (0.25)
3	3A	MW-BW-16-A	ND (0.25)	ND (0.25)	0.40 J	ND (0.25)	ND (0.25)	ND (0.25)
3	3A	MW-BW-57-A	ND (0.25)	ND (0.25)	0.15 J	0.81	ND (0.25)	ND (0.25)
3	N/A	MW-BW-88-A	1.9	1.1	0.59	0.40 J	ND (0.25)	ND (0.25)
4	2A	EW-BW-124-A	0.59	0.27 J	1.1	1.2	1.5	0.93
4	N/A	MW-B-12-A	0.99	0.64	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
4	2B	MW-B-14-A	2.2	1.8	0.36 J	0.41 J	0.20 J	0.25 J
4	2B	EW-BW-155-A	ND (0.25)	0.51	1.2	0.48 J	0.74	0.54
4	2A	MW-BW-26-A^	5.0	4.4	0.71	0.74	0.90	0.77
4	N/A	MW-BW-31-A	ND (0.25)	ND (0.25)	2.6	0.99	ND (0.25)	ND (0.25)
4	N/A	MW-BW-32-A	2.5	2.2	0.30 J	0.28 J	0.17 J	0.14 J
4	N/A	MW-BW-36-A	0.16 J	0.79	0.50	1.7	ND (0.25)	ND (0.25)
4	N/A	MW-BW-42-A	ND (0.25)	ND (0.25)	0.22 J	0.16 J	ND (0.25)	ND (0.25)
4	N/A	MW-BW-89-A	1.3	0.97	0.43 J	0.37 J	ND (0.25)	ND (0.25)
4	N/A	MW-BW-92-A	1.9	1.3	0.25 J	0.20 J	ND (0.25)	ND (0.25)
5	Pilot	EISB-EW-01	0.52	0.64	0.27 J	ND (0.36)	ND (0.25)	ND (0.25)
5	Pilot	EISB-EW-09	3.3	3.0	0.27 J	0.31 J	ND (0.25)	ND (0.25)
5	N/A	MW-BW-65-A	0.15 J	0.12 J	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
5	Pilot	MW-BW-66-A	1.4	0.95	0.27 J	0.54	ND (0.25)	ND (0.25)
5	N/A	MW-BW-74-A	ND (0.25) [0.17 J]	ND (0.25) [0.29 J]	ND (0.25) [ND (0.25)]	ND (0.25) [ND (0.25)]	ND (0.25) [ND (0.25)]	ND (0.25) [ND (0.25)]
5	N/A	MW-BW-49-A	1.5	0.94	0.57	0.26 J	ND (0.25)	ND (0.25)
5	N/A	MW-BW-78-A	0.33 J [0.55]	0.25 J [0.41 J]	ND (0.25) [0.14 J]	ND (0.25) [ND (0.25)]	ND (0.25) [ND (0.25)]	ND (0.25) [ND (0.25)]
5	N/A	MW-BW-80-A	0.49 J	0.45 J	0.11 J	ND (0.25)	ND (0.25)	ND (0.25)

Notes:














TCE: trichloroethene
 CT: carbon tetrachloride
 µg/L: micrograms per liter
 ND: The analyte was not detected above the detection limit

NS: not sampled
 J: Estimated result with a low (-) or high (+) bias
¹ Hydraulic zones are identified in the Groundwater QAPP.
 Results in **bold** and shaded are concentrations above the ACL

Results in gray are ND
 COC: chemical of concern
 [Results in brackets are from a second deeper passive diffusion bag]
 ^ downgradient monitoring well MW-BW-30-A is ND.

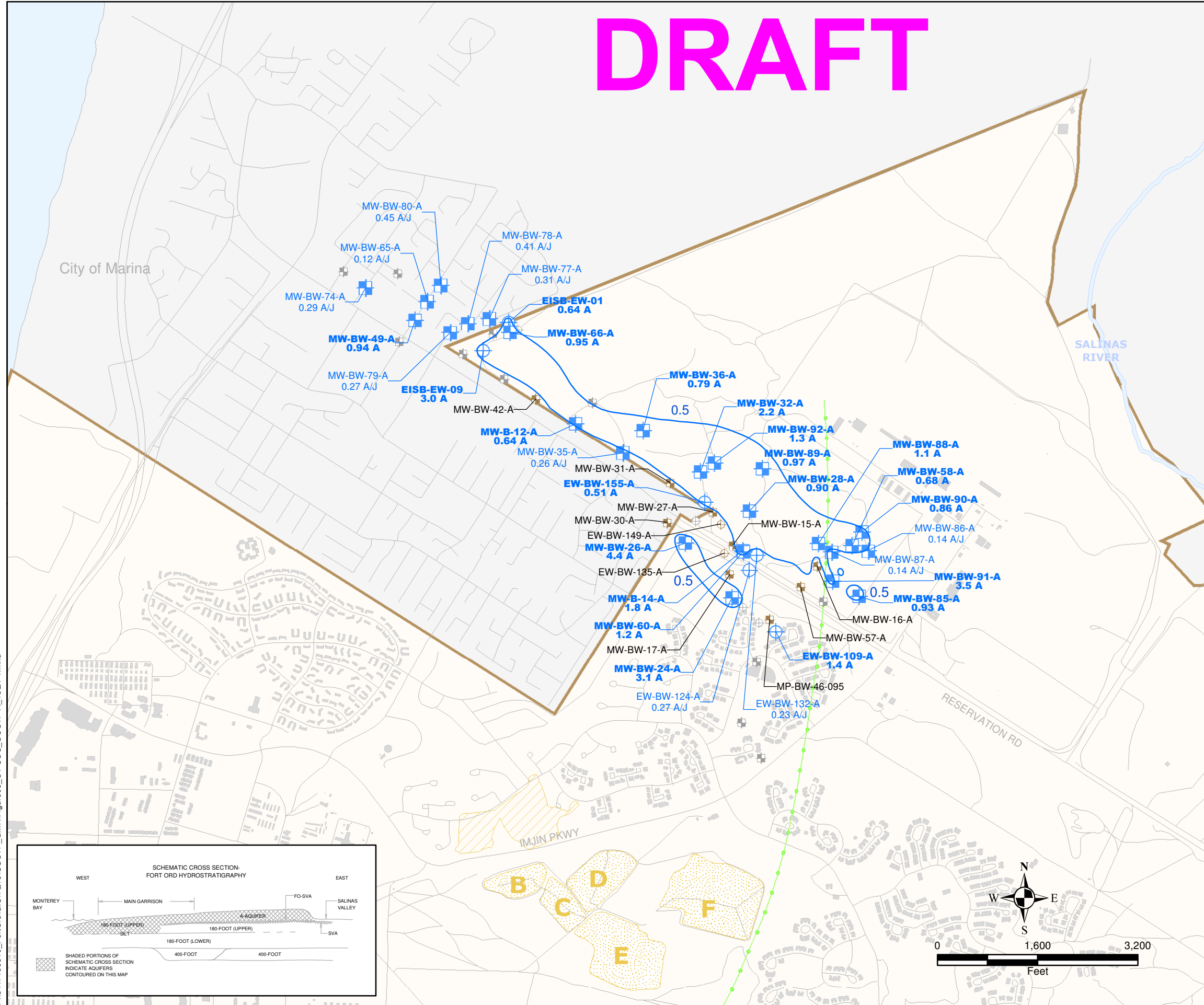
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EXPLANATION

-  Monitoring Well with CT Detection
-  Extraction Well with CT Detection
- Well ID - Bold When CT Exceeds the ACL
(* Indicates: Sample result not used for contouring)
-  Monitoring Well with COC ACL Exceedance (Not CT)
-  Monitoring Well CT Not Detected, and No Other COC ACL Exceedances
-  Extraction Well CT Not Detected
-  Monitoring Well Not Sampled This Quarter
-  Extraction Well Not Sampled This Quarter
- Chemical of Concern (COC) Aquifer Cleanup Level (ACL)
Exceedance Contour in µg/L
- 0.5** Carbon tetrachloride (CT)
- Approximate Extent of Landfill Areas
-  OU2 Landfill Areas B through F
-  Area A (clean closed)
-  Approximate Location of a Groundwater Divide
-  Roads
-  Facilities
-  Former Fort Ord Boundary

NOTES:

- (1) Samples were collected between March 5 and 8, 2018.
- (2) Contours are based on one interpretation of the data that were available at the time this report was prepared; other interpretations may be possible.
- (3) Contours based on highest value obtained from multiple bags and/or multiple ports where applicable.
- (4) Contours near wells not sampled this quarter are inferred from previous analytical data.



**CT CONCENTRATIONS
A-AQUIFER
Operable Unit Carbon Tetrachloride Plume
First Quarter 2018
Groundwater Monitoring Report
Former Fort Ord, California**



Date: 4/2018 Project No. 8417190510

**Figure
3**

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Table 3. OUCTP Upper 180-Foot Aquifer Select Monitoring Well Data

OUCTP Hydraulic Zone ¹	Well Identification	CT Concentration (µg/L) ²	
		4Q 2017	1Q 2018
ACL:		0.5	
6	EW-OU2-09-180 ³	0.11 J	ND (0.25)
6	MP-BW-41-231	0.34 J	0.15 J
6	MP-BW-46-170	5.4	5.7
6	MW-BW-52-180	1.1	0.98
6	MW-OU2-64-180	8.4	6.9
6	MW-OU2-67-180	0.35 J	0.46 J
6	MW-OU2-70-180	ND (0.25)	NS

Notes:

ACL: aquifer cleanup level

COC: chemical of concern

CT: carbon tetrachloride

MCL: maximum contaminant level

ND: The analyte was not detected at or above the detection limit

NS: not sampled

TCE: trichloroethene

µg/L: micrograms per liter

J: Estimated result with a low (-) or high (+) bias

¹ Hydraulic zones are identified in the Groundwater QAPP.

² Concentration in **bold** and shaded cell exceeds the Aquifer Cleanup Level (ACL) for CT and the Maximum Contaminant Level (MCL) for TCE. Results in gray are ND.

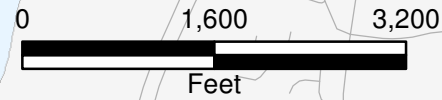
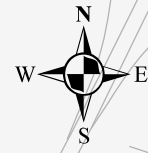
³ EW-OU2-09-180 is operated as part of the remedy for the OUCTP Upper 180-Foot Aquifer and is connected to the OU2 GWTP. cis-1,2-DCE was detected in this well at 8.4 µg/L in 2Q17 and 2.7 µg/L in 3Q17.

⁴ TCE is not a COC in the OUCTP Lower 180-Foot Aquifer (reported for Lower 180-Foot Aquifer with respect to protection of supply wells)

Table 4. OUCTP Lower 180-Foot Aquifer Select Monitoring Well Data

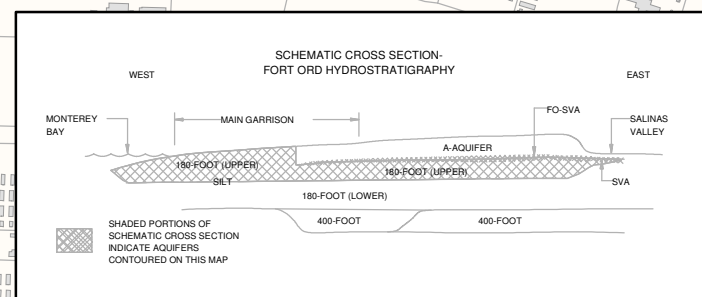
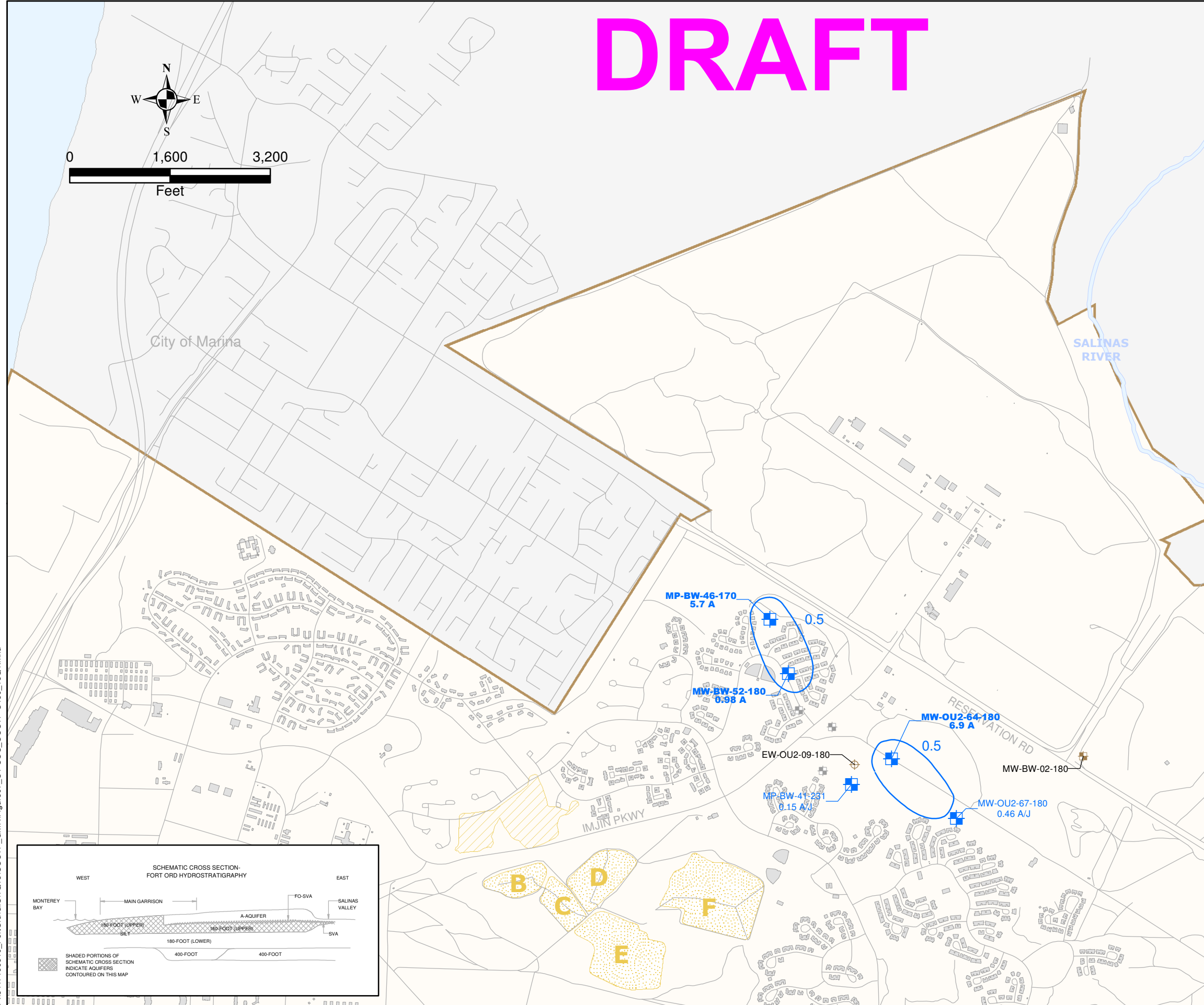
OUCTP Hydraulic Zone ¹	Well Identification	Select COC Concentrations (µg/L) ²			
		4Q 2017	1Q 2018*	4Q 2017	1Q 2018
		CT		TCE ⁴	
Limit:		ACL 0.5		MCL 5.0	
7	MP-BW-49-316	0.88	2.8	ND (0.25)	ND (0.25)
7	MP-BW-49-400	ND (0.25)	ND (0.25)	4.8	4.3
7	MP-BW-50-339	0.33 J	0.36 J	ND (0.25)	0.21 J
7	MP-BW-50-384	0.10 J	0.14 J	2.4	2.5
7	MP-BW-51-405	0.18 J	0.17 J	1.7	1.6
7	MW-OU2-69-180	0.70	0.71	0.13 J	0.13 J
8	AIRFIELD	0.68	0.62	ND (0.25)	ND (0.25)
N/A	EW-OU2-07-180	ND (0.25)	ND (0.25)	2.2	2.0
N/A	FO-29	0.17 J	0.19 J	1.6	1.4
N/A	FO-30	0.15 J	0.16 J	0.52	0.54
N/A	FO-31	ND (0.25)	ND (0.25)	0.52	0.85
N/A	MP-BW-41-353	ND (0.25)	ND (0.25)	1.7	1.6
N/A	MW-OU2-72-180	ND (0.25)	ND (0.25)	1.6	1.3
N/A	MW-OU2-78-180	ND (0.25)	ND (0.25)	2.3	2.1
N/A	MW-OU2-82-180	ND (0.25)	ND (0.25)	6.3	5.3

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EXPLANATION	
	Monitoring Well with CT Detection
	Extraction Well with CT Detection
	Well ID - Bold When Concentration Exceeds the ACL (* Indicates: Sample result not used for contouring)
	CT Concentration (µg/L) and validation/lab qualifier (red indicates TCE; blue indicates CT) Bold when exceeds the ACL.
	Monitoring Well CT Not Detected
	Extraction Well CT Not Detected
	Monitoring Well Not Sampled This Quarter
Chemical of Concern (COC) Aquifer Cleanup Level (ACL) Exceedance Contour in µg/L	
	0.5 Carbon tetrachloride (CT)
Approximate extent of Landfill Areas	
	OU2 Landfill Areas B through F
	Area A (clean closed)
	Roads
	Facilities
	Former Fort Ord Boundary

- NOTES:
- (1) Samples were collected between March 6 and 8, 2018.
 - (2) Contours are based on one interpretation of the data that were available at the time this report was prepared; other interpretations may be possible.
 - (3) Contours based on highest value obtained from multiple bags and/or multiple ports where applicable.
 - (4) Contours near wells not sampled this quarter are inferred from previous analytical data.



CT CONCENTRATIONS
UPPER 180-FOOT AQUIFER
OUCTP
First Quarter 2018
Groundwater Monitoring Report
Former Fort Ord, California

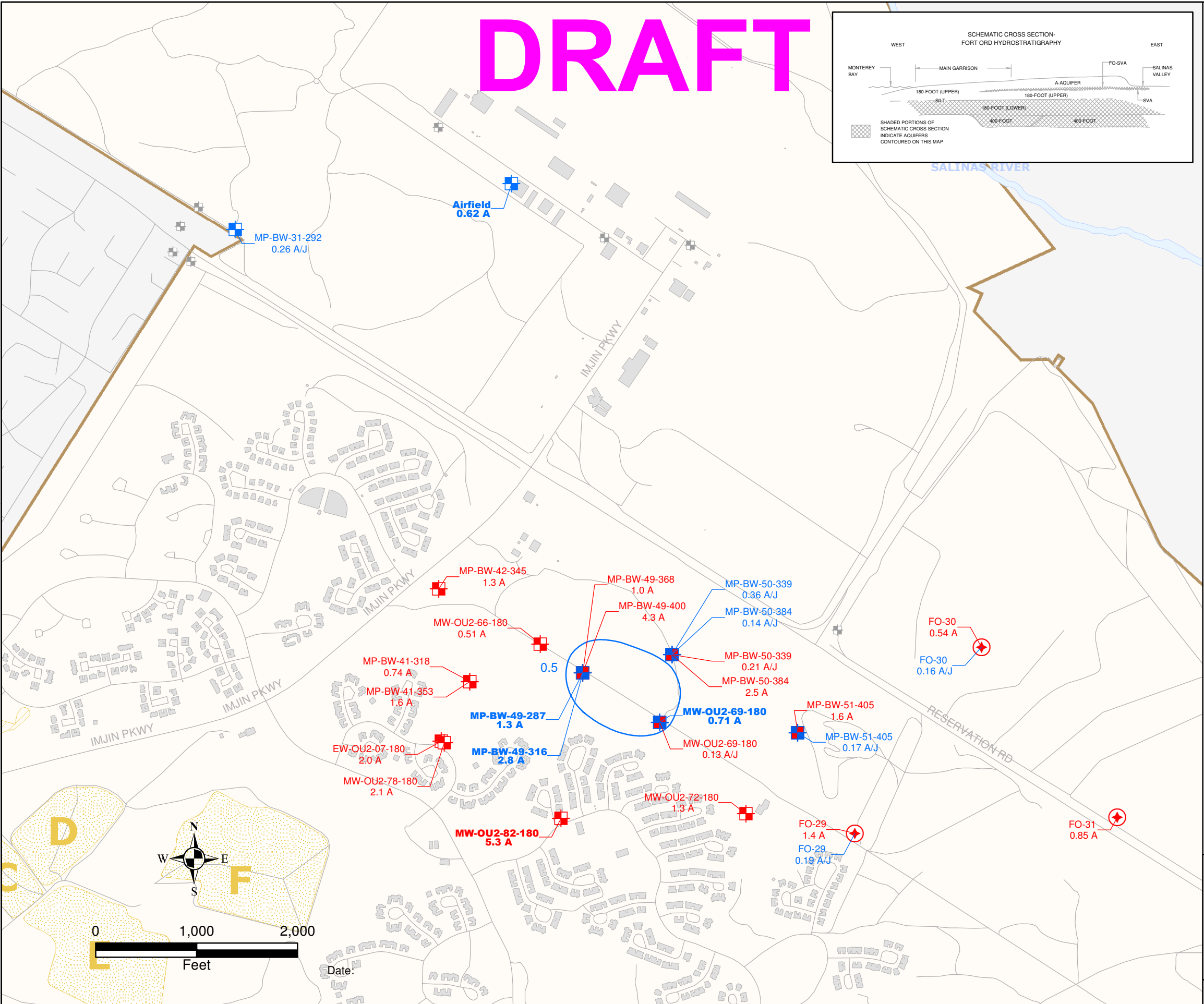
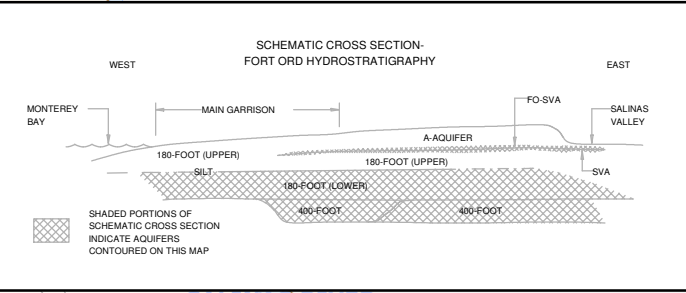


Date: 4/2018 Project No. 8416181810

Figure
7

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EXPLANATION

- Monitoring Well with CT Detection
- Monitoring Well with TCE Detection
- Remediation Extraction Well with TCE Detection
- Active Supply Well with TCE Detection
- Monitoring Well with TCE and CT Detections
- Well ID - Bold When Concentration Exceeds ACL
Indicates: Multi-port well sampled at more than one depth with no detections.
- Concentration in µg/L and validation/lab qualifier (red indicates TCE; blue indicates CT)
Bold when exceeds the ACL.
- Monitoring Well CT Not Detected
- Active Supply Well CT Not Detected
- Monitoring Well Not Sampled This Quarter
- Supply Well Not Sampled This Quarter

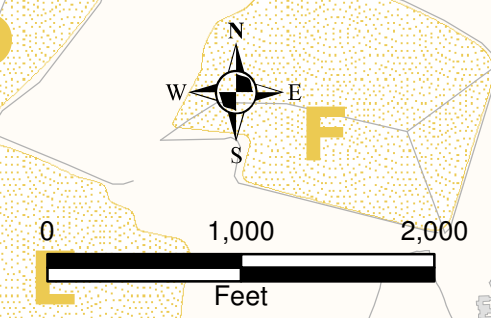
Chemical of Concern (COC) Aquifer Cleanup Level (ACL)
Exceedance Contour in µg/L

0.5 — Carbon tetrachloride (CT)

- Approximate Extent of Landfill Areas
- OU2 Landfill Areas B through F
 - Area A (clean closed)
 - Roads
 - Facilities
 - Former Fort Ord Boundary

- NOTES:
- (1) Samples were collected between March 5 and 8, 2018.
 - (2) Contours are based on one interpretation of the data that were available at the time this report was prepared; other interpretations may be possible.
 - (3) Contours based on highest value obtained from multiple bags and/or multiple ports where applicable.
 - (4) Supply wells FO-29, FO-30 and FO-31 have been renamed as 29(A), 30(B) and 31(C) respectively. The wells are referred to by the original names in this report for consistency.
 - (5) TCE is not a chemical of concern in the OUCTP Lower 180-Foot Aquifer.

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CT AND TCE CONCENTRATIONS
LOWER 180-FOOT/400-FOOT AQUIFERS
Operable Unit Carbon Tetrachloride Plume
First Quarter 2018
Groundwater Monitoring Report
Former Fort Ord, California



OUCTP Groundwater Sample Frequency Changes for Second Quarter 2018

Well ID	SS	Proposed Frequency Change ¹	Primary COC	Figure	Graph
A-Aquifer					
MW-BW-17-A	Q	Meets decision criteria to reduce from quarterly sampling to annual sampling ²	CT	B-1	B-1
Upper 180-Foot Aquifer					
MP-BW-41-231	Q	Meets decision criteria to reduce from quarterly sampling to annual sampling	CT	B-2	B-2

Notes:

¹ Based on data collected through First Quarter 2018.

² If four consecutive quarters of monitoring data show concentrations of COCs below their respective limit of quantitations, or below 10 percent of their respective aquifer cleanup levels, whichever is greater, then an annual sampling schedule may be proposed.

Acronyms and Abbreviations:

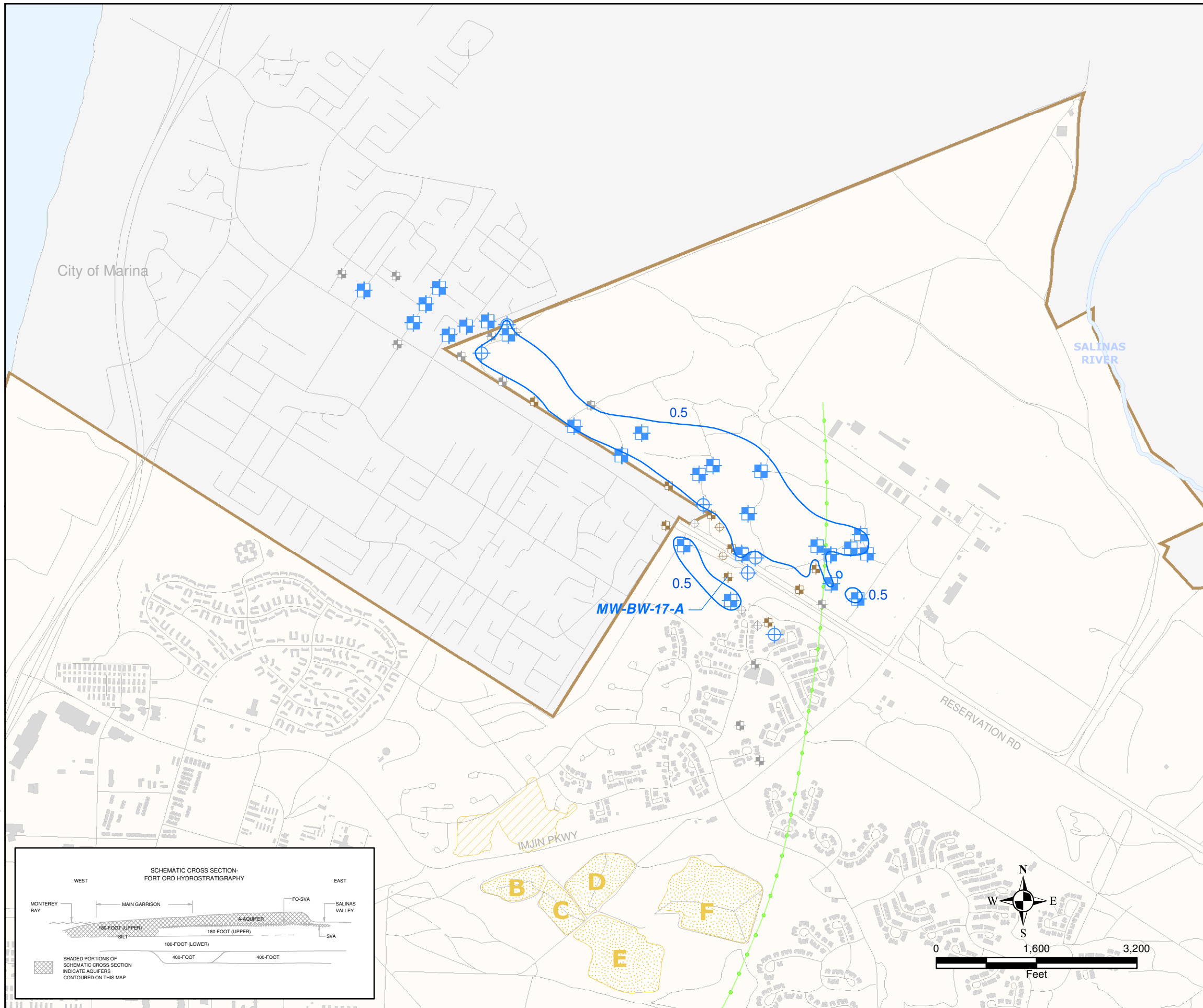
COC: chemical of concern

CT: carbon tetrachloride

Q: well currently sampled on a quarterly schedule

SS: sample schedule currently

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EXPLANATION

- Monitoring Well with CT Detection
- Extraction Well with CT Detection
- Well ID - Bold When CT Exceeds the ACL (* Indicates: Sample result not used for contouring)
- MW-BW-88-A**
1.9 A CT Concentration (µg/L) and validation/lab qualifier. Bold when CT exceeds the ACL.
- Monitoring Well with COC ACL Exceedance (Not CT)
- Monitoring Well CT Not Detected, and No Other COC ACL Exceedances
- Extraction Well CT Not Detected
- Monitoring Well Not Sampled This Quarter
- Extraction Well Not Sampled This Quarter

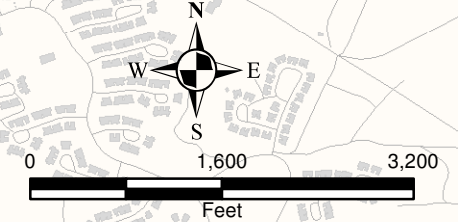
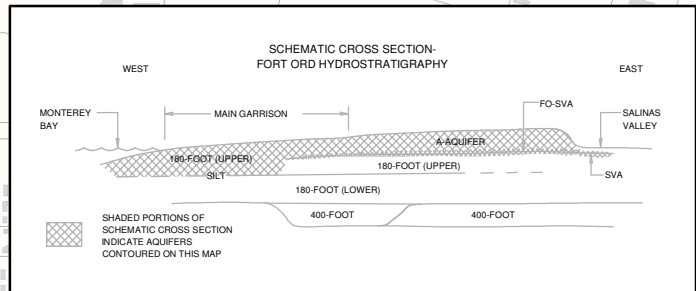
Chemical of Concern (COC) Aquifer Cleanup Level (ACL) Exceedance Contour in µg/L

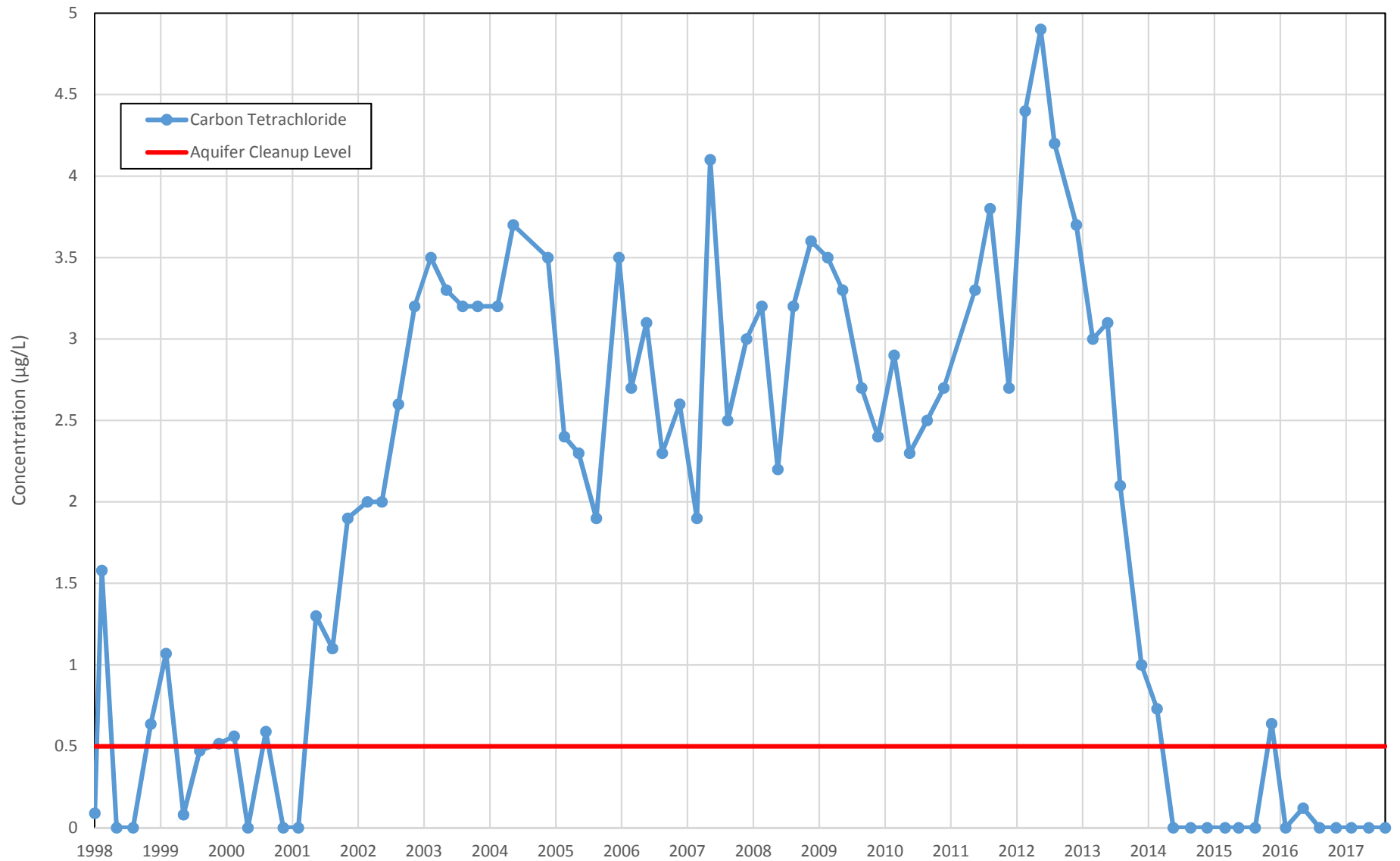
- 0.5** Carbon tetrachloride (CT) Approximate Extent of Landfill Areas
- OU2 Landfill Areas B through F
- Area A (clean closed)
- Approximate Location of a Groundwater Divide
- Roads
- Facilities
- Former Fort Ord Boundary

MW-BW-17-A Meets criteria to reduce from quarterly sampling to annual sampling as defined in the QAPP.

NOTES:

- (1) Samples were collected between March 5 and 8, 2018.
- (2) Contours are based on one interpretation of the data that were available at the time this report was prepared; other interpretations may be possible.
- (3) Contours based on highest value obtained from multiple bags and/or multiple ports where applicable.
- (4) Contours near wells not sampled this quarter are inferred from previous analytical data.





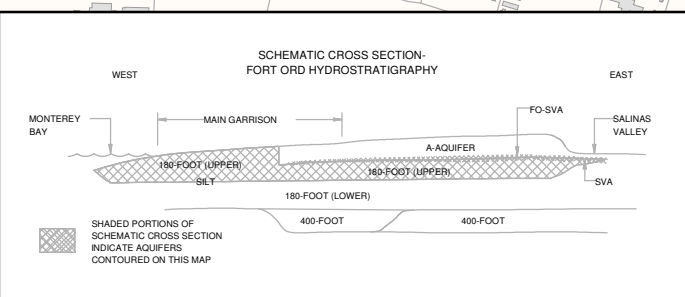
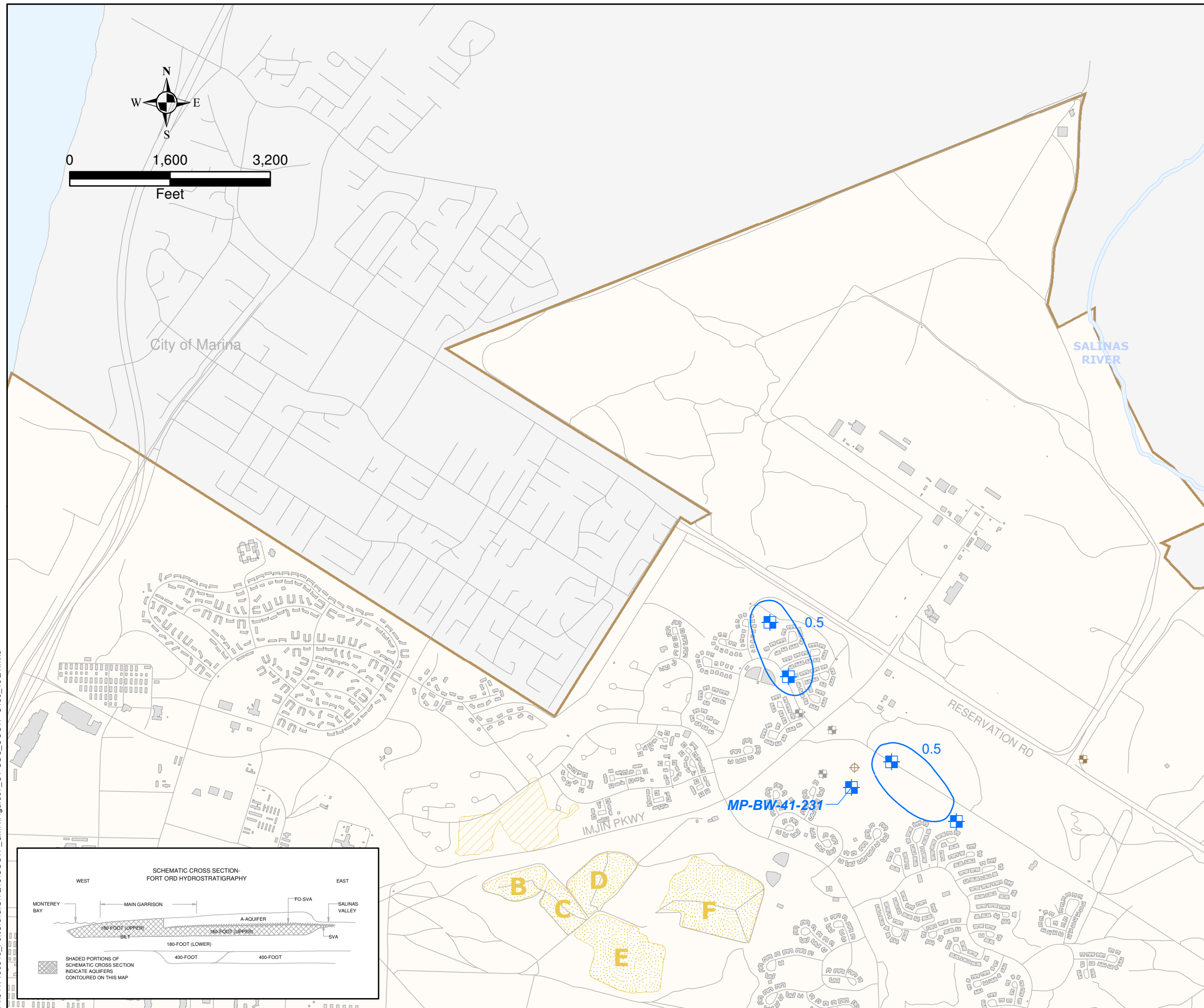
MW-BW-17-A CT Concentrations through First Quarter 2018

Operable Unit Carbon Tetrachloride Plume First Quarter 2018
 Groundwater Monitoring Report, Former Fort Ord, California

Graph:

B-1

Friday, April 27, 2018 2:11:11 PM reuben.pillsbury
 P:\8417190510_FortOrd\GIS\1018\OUCTP_GMR\Figure07_CT-COC_OUCTP-U180_18Q1.mxd



EXPLANATION

- Monitoring Well with CT Detection
- Extraction Well with CT Detection
- Monitoring Well CT Not Detected
- Extraction Well CT Not Detected
- Monitoring Well Not Sampled This Quarter
- Well ID - Bold When Concentration Exceeds the ACL (* Indicates: Sample result not used for contouring)
- MW-OU2-64-180**
6.9 A CT Concentration (µg/L) and validation/lab qualifier (red indicates TGE; blue indicates CT) Bold when exceeds the ACL.
- Chemical of Concern (COC) Aquifer Cleanup Level (ACL) Exceedance Contour in µg/L
- 0.5** Carbon tetrachloride (CT)
- Approximate extent of Landfill Areas
- OU2 Landfill Areas B through F
- Area A (clean closed)
- Roads
- Facilities
- Former Fort Ord Boundary
- MD-BW-41-231** Meets criteria to reduce from quarterly sampling to annual sampling as defined in the QAPP.

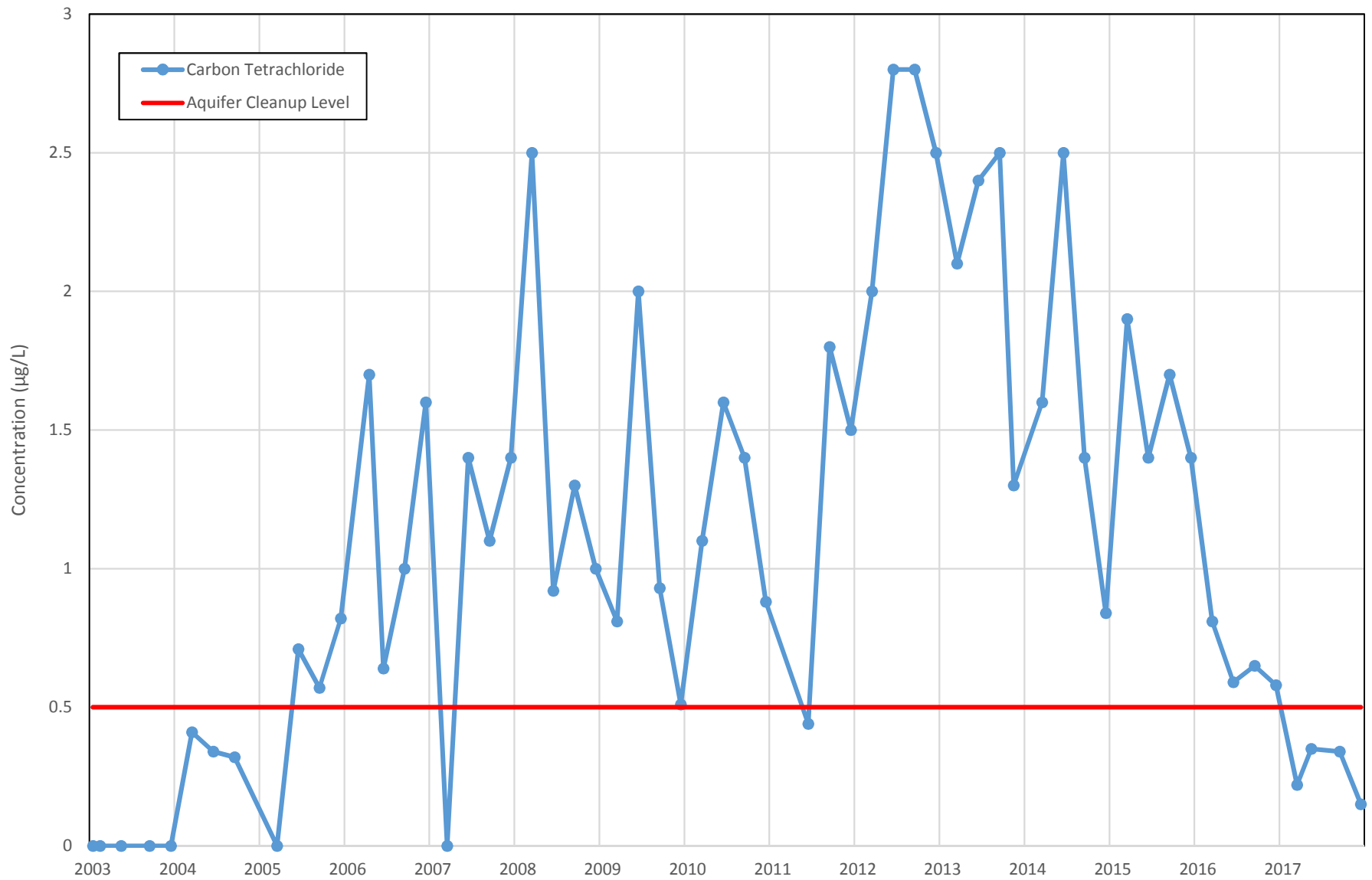
- NOTES:
- (1) Samples were collected between March 6 and 8, 2018.
 - (2) Contours are based on one interpretation of the data that were available at the time this report was prepared; other interpretations may be possible.
 - (3) Contours based on highest value obtained from multiple bags and/or multiple ports where applicable.
 - (4) Contours near wells not sampled this quarter are inferred from previous analytical data.

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 A W W W] ^ i A i C E [O E ~ a i
OUCTP
 First Quarter 2018
 Groundwater Monitoring Report
 Former Fort Ord, California



Date: 4/2018 Project No. 8416181810

Figure **6!&**



MP-BW-41-231 CT Concentrations through First Quarter 2018

Operable Unit Carbon Tetrachloride Plume First Quarter 2018
 Groundwater Monitoring Report, Former Fort Ord, California

Graph:

B-2

Table 5: OUCTP Well Decommissioning 2018*

Well ID	Aquifer	FONR	Notes
MW-BW-62-A	A	No	Well installed in 2003. Last sampled in 2009, CT always below ACL, currently used for DTW but not needed.
MW-BW-64-A	A	No	Well installed in 2003. Last sampled in 2013, CT below ACL since 2006, currently used for DTW but not needed.
MW-BW-68-A	A	No	Well installed in 2004. SVE well not screened in aquifer, not sampled or used for DTW.
MW-BW-69-A	A	No	Well installed in 2004. SVE well not screened in aquifer, not sampled or used for DTW.
MW-BW-70-A	A	No	Well installed in 2004. SVE well not screened in aquifer, not sampled or used for DTW.
MW-BW-20-180	Upper 180	No	Well installed in 1998. Last sampled in 2003, CT always ND, currently used for DTW but not needed.
MW-BW-22-180	Upper 180	No	Well installed in 1998. Last sampled in 2009, CT ND since 2006, currently used for DTW but not needed.
MW-BW-29-180	Upper 180	Yes	Well installed in 2000. Last sampled in 2009, CT always below ACL, currently used for DTW but not needed.

Table 6: OUCTP Well Installation 2018

Tentative Well ID	Aquifer	FONR	Notes
MW-BW-93-A	A	Yes	Location may be adjusted due to presence of sensitive plant species
MW-BW-94-A	A	Yes	Location may be adjusted due to presence of sensitive plant species
MW-BW-95-A	A	Yes	Location may be adjusted due to presence of sensitive plant species
MW-BW-57-180	Upper 180	No	
MW-BW-58-180	Upper 180	No	
MW-BW-59-180	Lower 180	No	

Notes:

* Sampling no longer conducted and water levels unnecessary as listed in the OUCTP Annual Report.

ACL: aquifer cleanup level

CT: carbon tetrachloride

DTW: depth to water

FONR: Fort Ord Natural Reserve

SVE: soil vapor extraction





Legend

- Groundwater Divide
- Carbon Tetrachloride (0.5 ug/L) 2017-4Q
- Groundwater (ft MSL) 2017-4Q
- Roads
- OU2 Landfills
- Buildings
- Former Fort Ord Boundary

A-Aquifer Well Types

- EISB Extraction Well
- Multi-Port Well (Westbay)
- Monitoring Well
- Monitoring Well - To Decommission

OU2TP EISB Wells

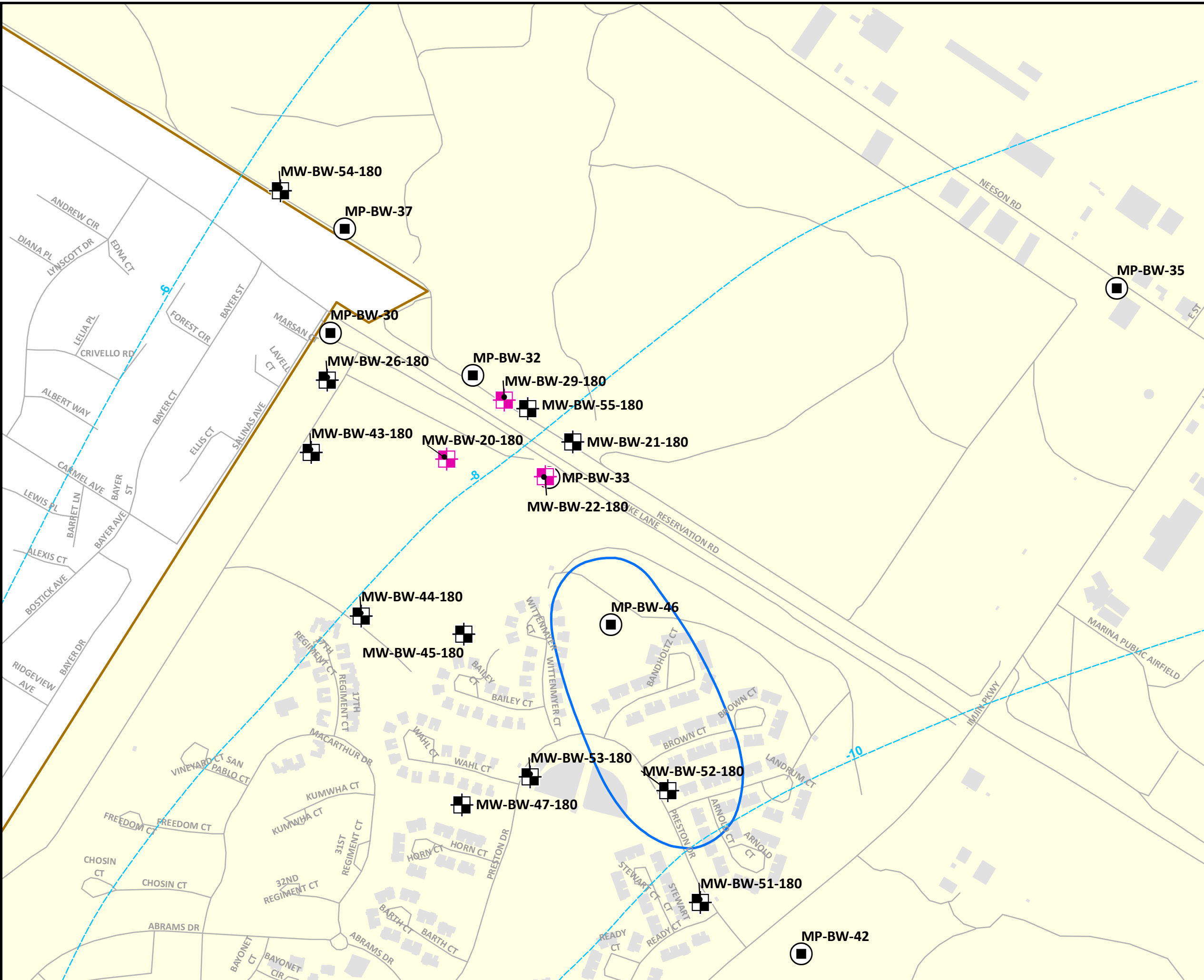
- Extraction Well
- Injection Well
- SVE Well - To Decommission

0 140 280 560 Feet

N

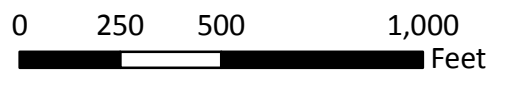
**OU2TP A-Aquifer
Monitoring Well and
Soil Vapor Extraction Well
Decommissioning Locations**

Well Decommissioning
Work Plan
Former Fort Ord, California



Legend

- Roads
 - Carbon Tetrachloride (0.5 ug/L) 2017-4Q
 - - - Groundwater Elevation (ft MSL) 2017-4Q
 - ▭ Former Fort Ord Boundary
 - ▭ Buildings
- OUCTP Upper 180-Foot Aquifer Well Type**
- ⊗ Extraction Well
 - ⊠ Monitoring Well
 - ⊞ Multi-Port Well (Westbay)
 - ⊠ Monitoring Well - To Decommission



**OUCTP Upper 180-Foot Aquifer
Monitoring Well
Decommissioning Locations**

Well Decommissioning
Work Plan
Former Fort Ord, California



Figure:
5



Legend

- Groundwater Divide
- - - Groundwater Elevation (ft MSL) 2017-4Q
- Carbon Tetrachloride (0.5 ug/L) 2017-4Q
- Roads
- FONR Boundary
- Existing Wells
- Proposed Well Location
- Access Routes
- Staging Areas

N

0 250 500 1,000 Feet

**OUCTP A-Aquifer
New Monitoring Well Locations**

Well Installation
Work Plan
Former Fort Ord, California

Ahtna

Figure:
3

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Legend

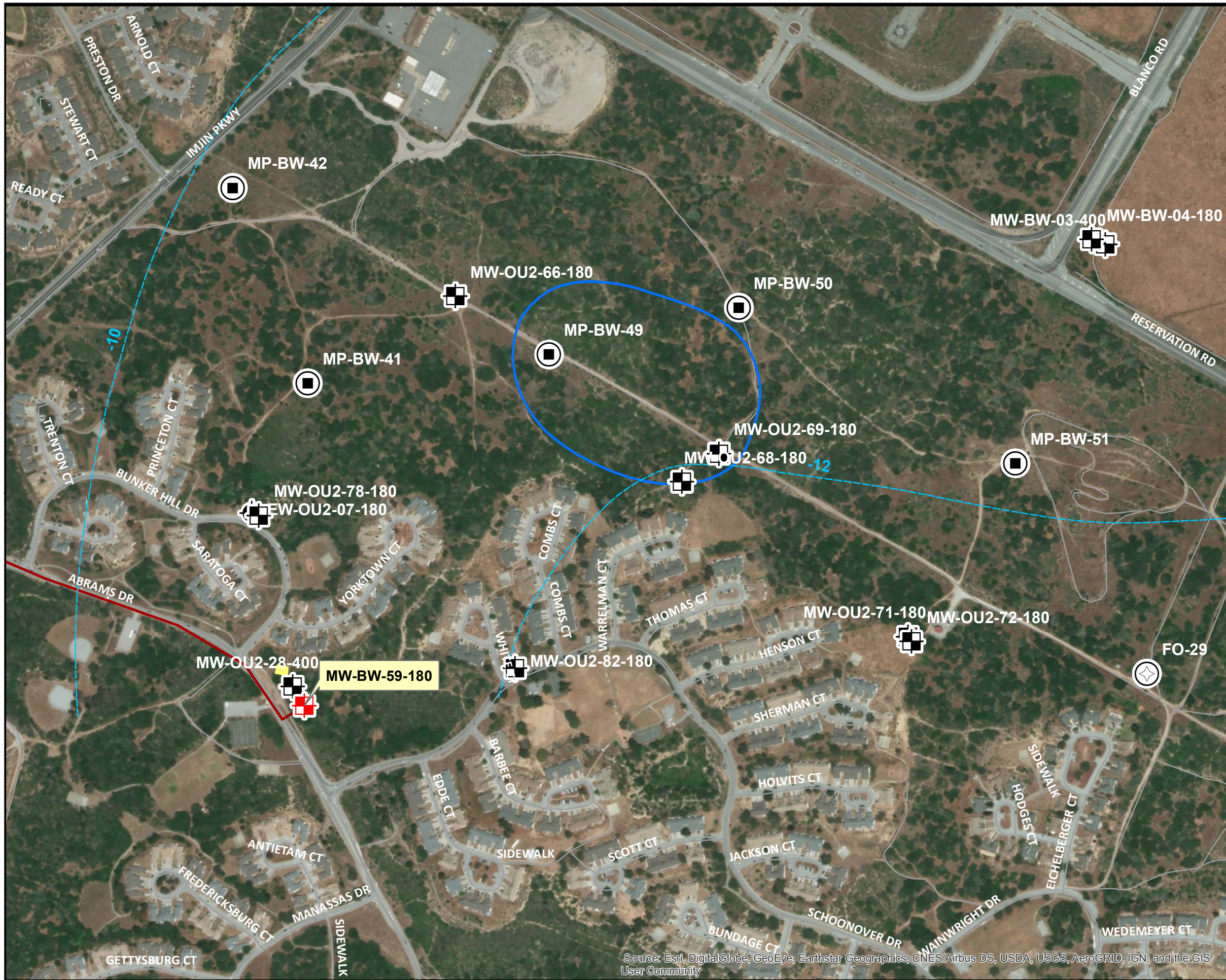
Well Type

- Existing Extraction Well
- Existing Multi-Port Well
- Existing Monitoring Well
- Proposed Well Location
- Carbon Tetrachloride (0.5 ug/L) 2017-4Q
- Groundwater Elevation (ft MSL) 2017-4Q
- Roads
- FONGR Boundary
- Staging Area
- Access Route

**OUCTP Upper 180-Foot Aquifer
New Monitoring Well Locations**

Well Installation
Work Plan
Former Fort Ord, California

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

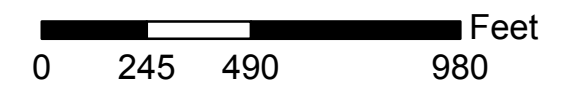


Legend

- Roads
- - - Groundwater Elevation (ft MSL) 2017-4Q
- Carbon Tetrachloride (0.5 ug/L) 2017-4Q

Well Type

- Existing Extraction Well
- Existing Supply Well
- Existing Multi-Port Well
- Existing Monitoring Well
- Proposed Well Location
- Staging Area
- Access Route



**OUCTP Lower 180-Foot Aquifer
New Monitoring Well Location**

Well Installation
Work Plan
Former Fort Ord, California



Figure:

5

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community