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PLOT BY: ROBERT_P_TAYLOR - Aug 18, 2008 - 10:18:06am

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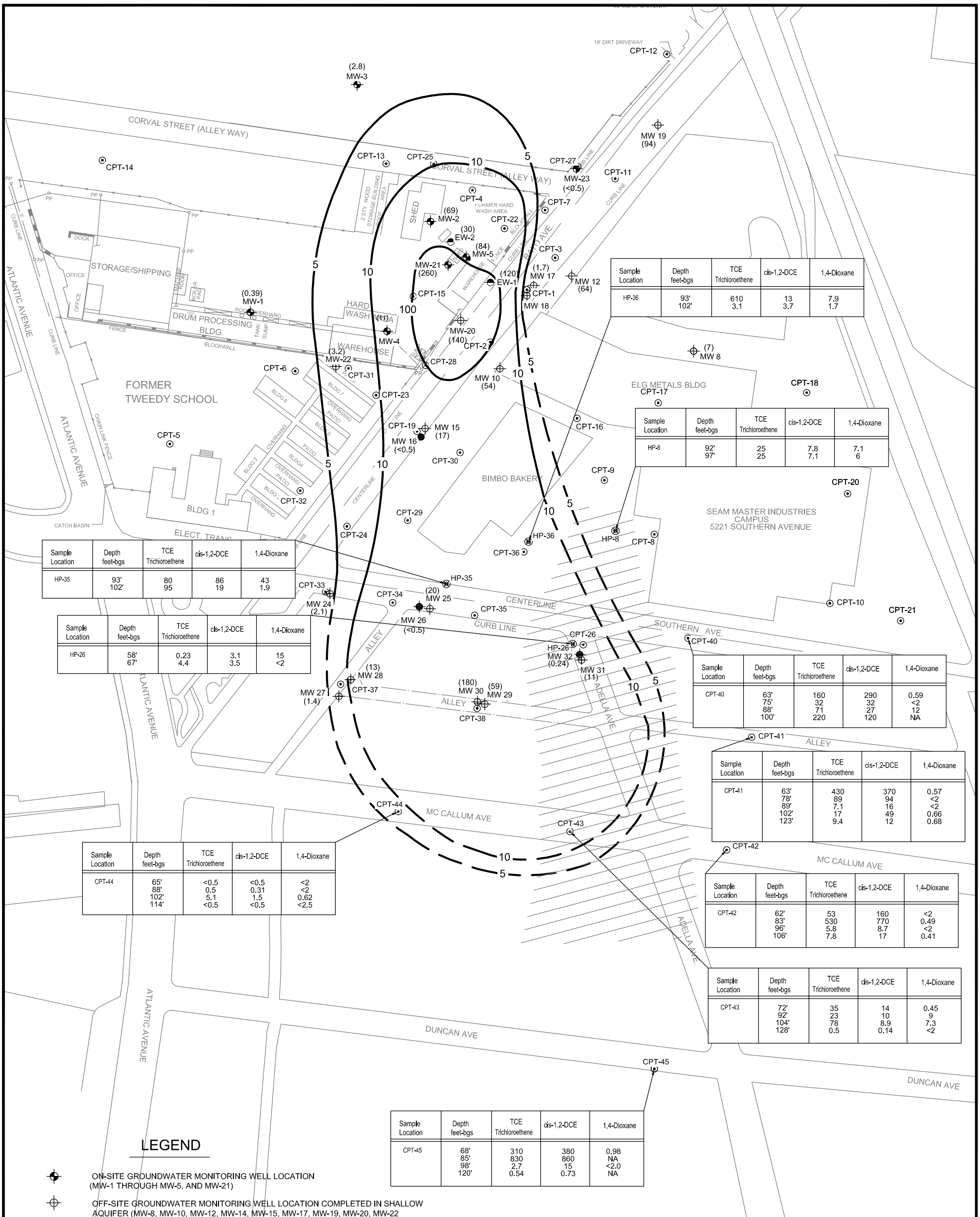

Sample Location	Depth feet-bgs	TCE Trichioroethene	cis-1,2-DCE	1,4-Dioxane
HP-36	93' 102'	610 3.1	13 3.7	7.9 1.7

Sample Location	Depth feet-bgs	TCE Trichioroethene	cis-1,2-DCE	1,4-Dioxane
HP-8	92' 97'	25 25	7.8 7.1	7.1 6

Sample Location	Depth feet-bgs	TCE Trichioroethene	cis-1,2-DCE	1,4-Dioxane
HP-35	93' 102'	80 95	86 19	43 1.9

Sample Location	Depth feet-bgs	TCE Trichioroethene	cis-1,2-DCE	1,4-Dioxane
HP-26	58' 67'	0.23 4.4	3.1 3.5	15 <2

Sample Location	Depth feet-bgs	TCE Trichioroethene	cis-1,2-DCE	1,4-Dioxane
CPT-40	63' 75' 88' 100'	160 32 71 220	290 32 27 120	0.59 <2 12 NA

Sample Location	Depth feet-bgs	TCE Trichioroethene	cis-1,2-DCE	1,4-Dioxane
CPT-41	63' 78' 89' 102' 123'	430 89 7.1 17 9.4	370 94 16 49 12	0.57 <2 <2 0.66 0.68

Sample Location	Depth feet-bgs	TCE Trichioroethene	cis-1,2-DCE	1,4-Dioxane
CPT-42	62' 83' 96' 106'	53 530 5.8 7.8	160 770 8.7 17	<2 0.49 <2 0.41

Sample Location	Depth feet-bgs	TCE Trichioroethene	cis-1,2-DCE	1,4-Dioxane
CPT-43	72' 92' 104' 128'	35 23 78 0.5	14 10 8.9 0.14	0.45 9 7.3 <2

Sample Location	Depth feet-bgs	TCE Trichioroethene	cis-1,2-DCE	1,4-Dioxane
CPT-44	65' 88' 102' 114'	<0.5 0.5 5.1 <0.5	<0.5 0.31 1.5 <0.5	<2 <2 0.62 <2.5

Sample Location	Depth feet-bgs	TCE Trichioroethene	cis-1,2-DCE	1,4-Dioxane
CPT-45	68' 85' 98' 120'	310 830 2.7 0.54	380 860 15 0.73	0.98 NA <2.0 NA

LEGEND

- ON-SITE GROUNDWATER MONITORING WELL LOCATION (MW-1 THROUGH MW-5, AND MW-21)
- OFF-SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN SHALLOW AQUIFER (MW-8, MW-10, MW-12, MW-14, MW-15, MW-17, MW-19, MW-20, MW-22 THROUGH MW-25, AND MW-27 THROUGH MW-31 AND MW-33A)
- OFF-SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN DEEPER AQUIFER (MW-16, MW-18, MW-26, AND MW-32)
- GROUNDWATER EXTRACTION WELL LOCATION
- 10 — LINE OF EQUAL TCE CONCENTRATION IN µg/L, AUGUST 2006
- INFERRED TCE CONCENTRATION IN µg/L FROM MARCH 2007 CPT/HYDROPUNCH DATA.
- MW-29 (59) — TCE CONCENTRATION IN µg/L, IN AUGUST 2006 MONITOR WELL SAMPLING EVENT
- HATCHED AREA WHERE COOPER DRUM PLUME MAY HAVE COMMINGLED WITH VOC PLUME FROM SEAM MASTER AND/OR UPGRADIENT PLUME FROM JERVIS WEBB SITE.
- NA — NOT ANALYZED

N W E S

150 75 0 150 300

SCALE IN FEET

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Sacramento, CA 95833-3200
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South Gate, CA

Figure 10
CPT/Hydropunch Results
February/March 2007

DRAWING: 071508_FIG_11_cross-sect-plan-new-wells.dwg XREFS: T:\current-work files\COOPER-DRUM\Cooper-Drum 20080506\NEW-BACKGRD3.dwg
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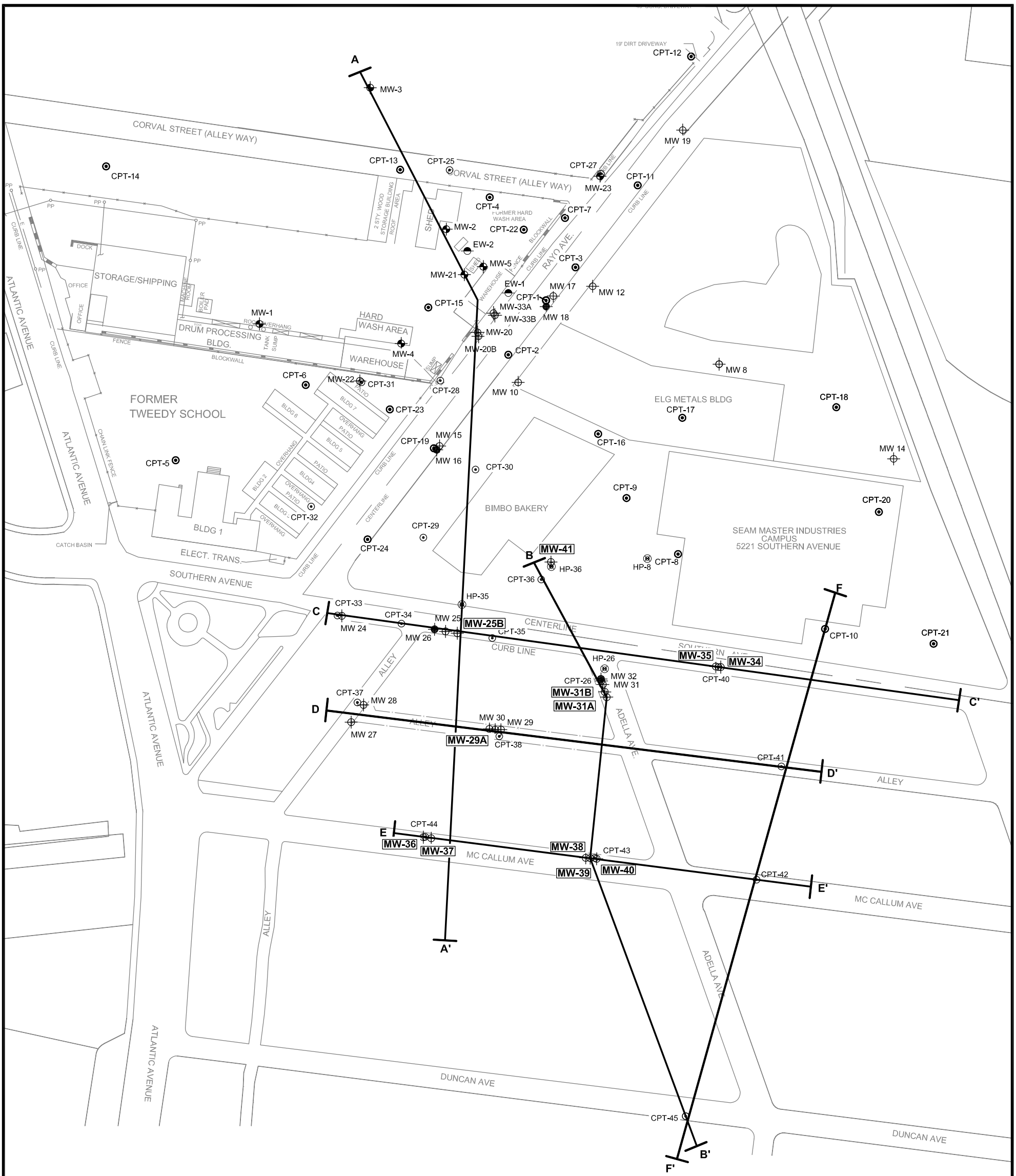

LEGEND

⊙ CPT-41	CPT/HYDROPUNCH LOCATION (HP-8, HP-26, HP-35, HP-36, HYDROPUNCH ONLY)
⊕	ON-SITE GROUNDWATER MONITORING WELL LOCATION (MW-1 through MW-5, and MW-21)
⊕	OFF-SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN SHALLOW AQUIFER (MW-8, MW-10, MW-12, MW-14, MW-15, MW-17, MW-19, MW-20, MW-22 THROUGH MW-25, and MW-27 THROUGH MW-31 AND MW-33A)
⊕	OFF-SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN DEEPER AQUIFER (MW-16, MW-18, MW-26, and MW-32)
⊕	GROUNDWATER EXTRACTION WELL LOCATION
A⊢⊣A'	CROSS SECTION LINE
MW-36 ⊕	NEW WELL LOCATION

N W E S

150 75 0 150 300

SCALE IN FEET

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Sacramento, CA 95833-3200
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FAX: (916) 679-2900

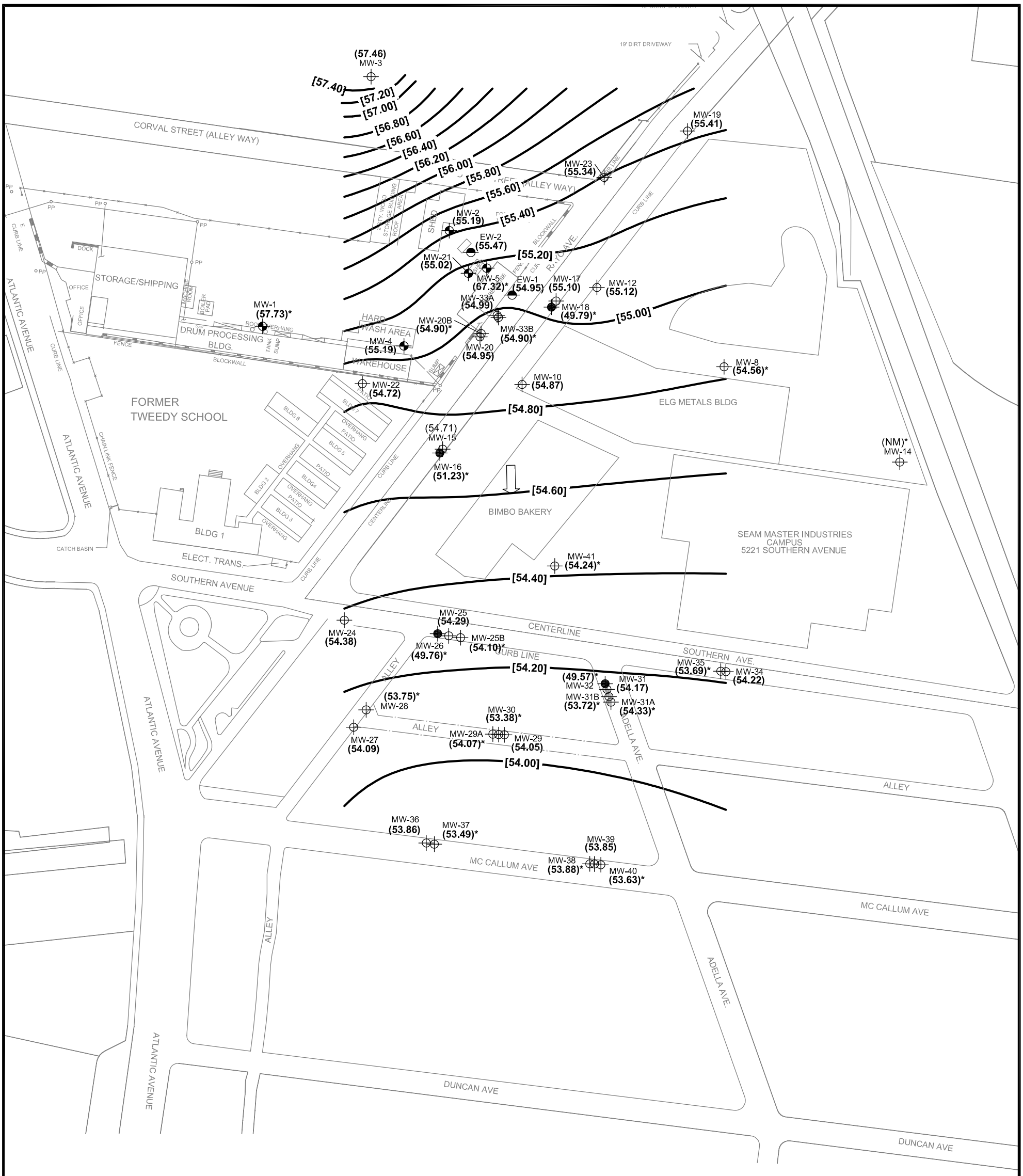
Cooper Drum Company
South Gate, California

Figure - 11
New Well Locations and
Geologic Cross Sections

DRAWING: 071508_FIG_12_Shal-GW-CONT-.dwg
DRAWING: T:\current-work files\COOPER-DRUM\07152008\C-D 71508\

XREFS: T:\current-work files\COOPER-DRUM\Cooper-Drum 20080506\NEW-BACKGRD3.dwg

PLOT BY: ROBERT_P_TAYLOR - Aug 18, 2008 - 10:18:32am



LEGEND

- ON–SITE GROUNDWATER MONITORING WELL LOCATION (MW–1 through MW–5, and MW–21)
- OFF–SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN SHALLOW AQUIFER (MW–8, MW–10, MW–12, MW–14, MW–15, MW–17, MW–19, MW–20, MW–22 THROUGH MW–25, and MW–27 THROUGH MW–31 AND MW–33A THROUGH MW–41)
- OFF–SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN DEEPER AQUIFER (MW–16, MW–18, MW–26, and MW–32)
- GROUNDWATER EXTRACTION WELL LOCATION
- (4.9) GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- —[10]— GROUNDWATER ELEVATION CONTOUR
- NM NOT MEASURED
- * NOT USED IN CONTOURING
- GROUNDWATER FLOW DIRECTION

N W E S

150 75 0 150 300

SCALE IN FEET

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Figure -12
Groundwater Elevation Contours,
Intermediate Gaspur Aquifer April 2008

DRAWING: 071508_FIG_13_DEEP-GW-CONT-.dwg
DRAWING: T:\current-work files\COOPER-DRUM\07152008\C-D 71508\

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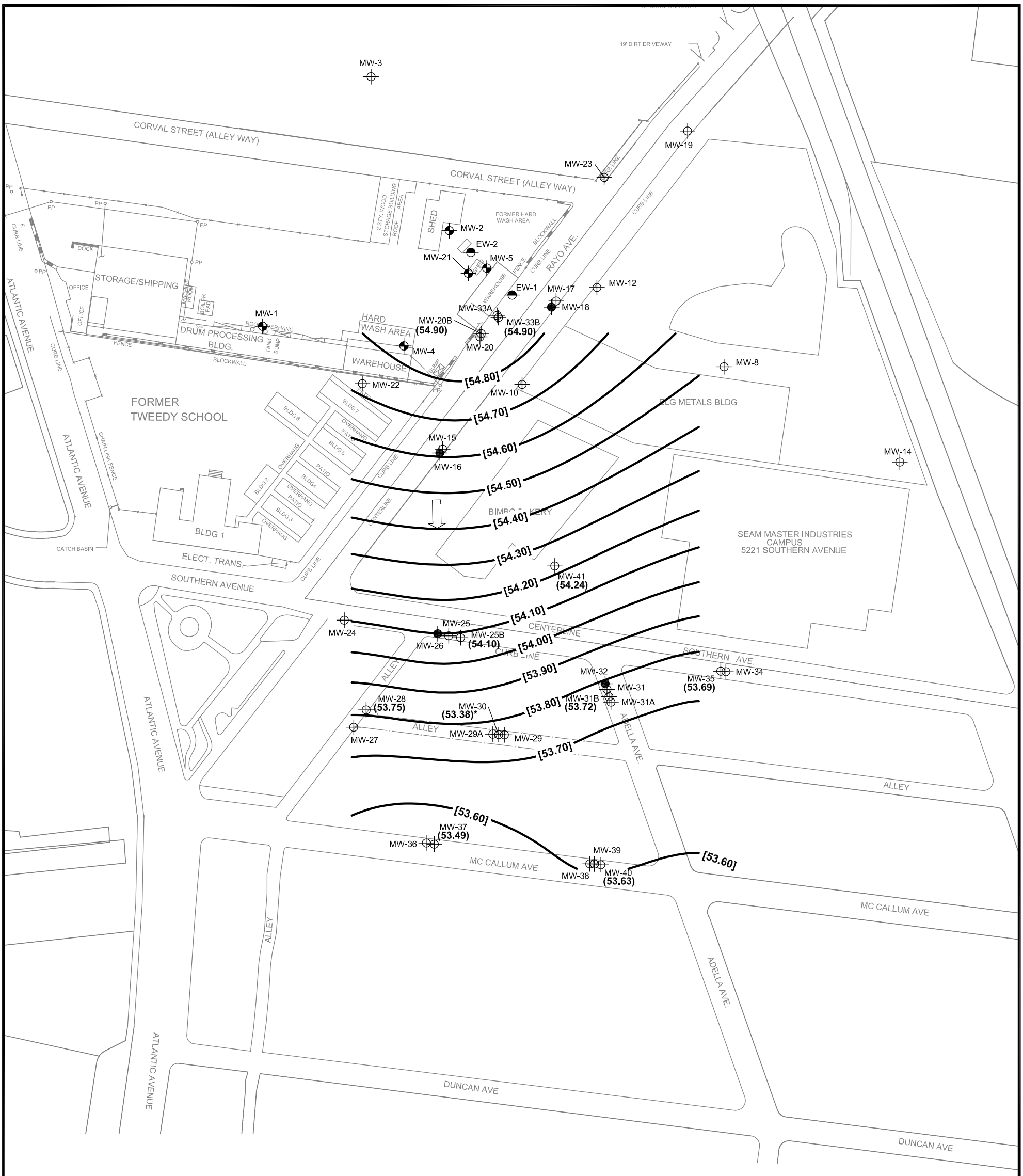
PLOT BY: ROBERT_P_TAYLOR - Aug 18, 2008 - 10:18:52am



LEGEND

- ON–SITE GROUNDWATER MONITORING WELL LOCATION (MW–1 through MW–5, and MW–21)
- OFF–SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN SHALLOW AQUIFER (MW–8, MW–10, MW–12, MW–14, MW–15, MW–17, MW–19, MW–20, MW–22 THROUGH MW–25, and MW–27 THROUGH MW–31 AND MW–33A THROUGH MW–41)
- OFF–SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN DEEPER AQUIFER (MW–16, MW–18, MW–26, and MW–32)
- GROUNDWATER EXTRACTION WELL LOCATION
- **(53.49)** GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- **[53.60]** GROUNDWATER ELEVATION CONTOUR
- NM NOT MEASURED
- * NOT USED IN CONTOURING
- GROUNDWATER FLOW DIRECTION

N W E S

150 75 0 150 300

SCALE IN FEET

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Figure -13
Groundwater Elevation Contours,
Lower Gaspur Aquifer, April 2008

DRAWING: 071508_FIG_14_VOC-APRIL-2008.dwg
DRAWING: T:\current-work files\COOPER-DRUM\07152008\C-D 71508\

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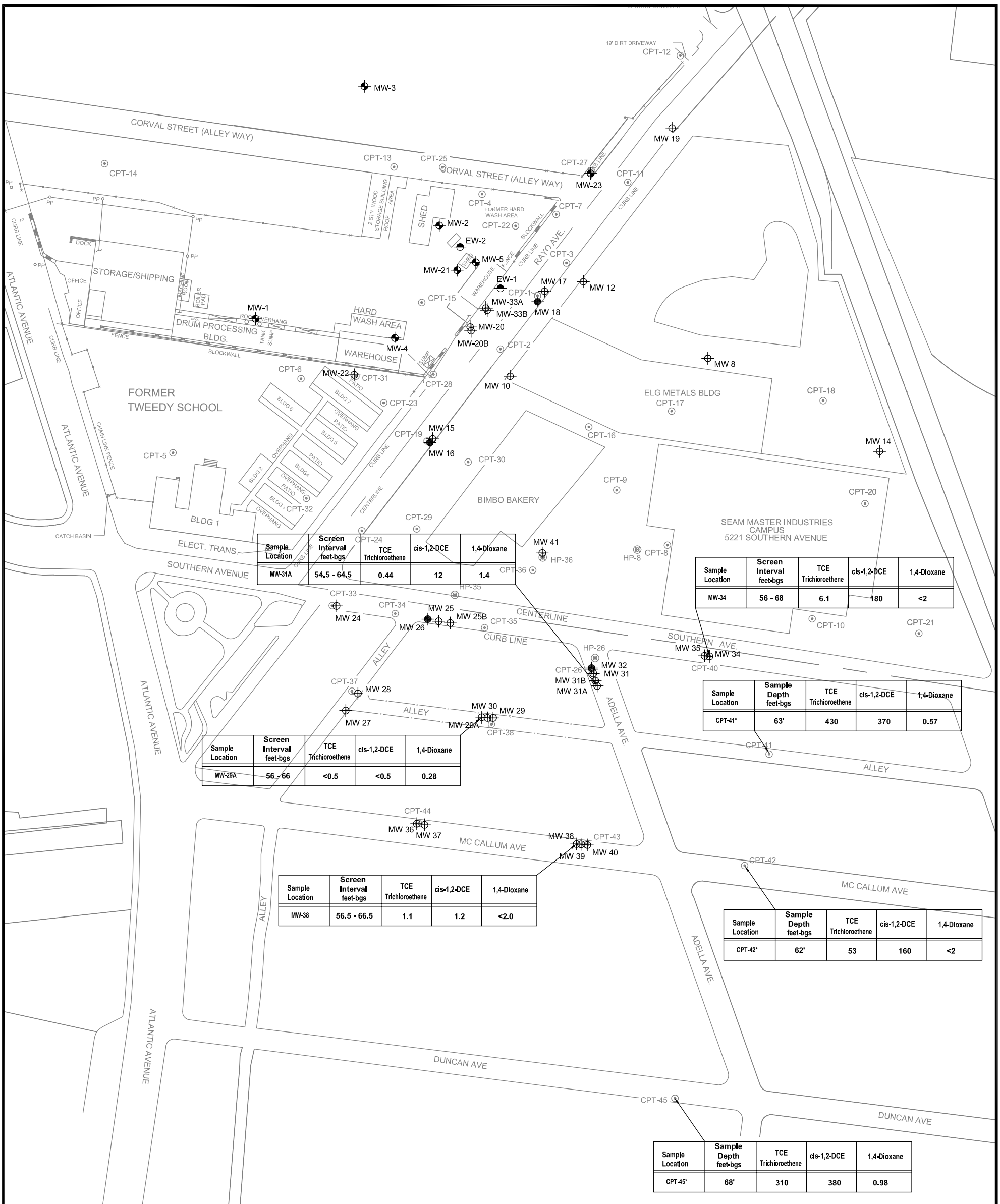

Sample Location	Screen Interval feet-bgs	TCE Trichloroethene	cis-1,2-DCE	1,4-Dioxane
MW-31A	54.5 - 64.5	0.44	12	1.4

Sample Location	Screen Interval feet-bgs	TCE Trichioroethene	cis-1,2-DCE	1,4-Dioxane
MW-34	56 - 68	6.1	180	<2

Sample Location	Sample Depth feet-bgs	TCE Trichioroethene	cis-1,2-DCE	1,4-Dioxane
CPT-41*	63'	430	370	0.57

Sample Location	Screen Interval feet-bgs	TCE Trichioroethene	cis-1,2-DCE	1,4-Dioxane
MW-29A	56 - 66	<0.5	<0.5	0.28

Sample Location	Screen Interval feet-bgs	TCE Trichioroethene	cis-1,2-DCE	1,4-Dioxane
MW-38	56.5 - 66.5	1.1	1.2	<2.0

Sample Location	Sample Depth feet-bgs	TCE Trichioroethene	cis-1,2-DCE	1,4-Dioxane
CPT-42*	62'	53	160	<2

Sample Location	Sample Depth feet-bgs	TCE Trichioroethene	cis-1,2-DCE	1,4-Dioxane
CPT-45*	68'	310	380	0.98

LEGEND

- ON-SITE GROUNDWATER MONITORING WELL LOCATION (MW-1 through MW-5, and MW-21)
- OFF-SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN SHALLOW AQUIFER (MW-8, MW-10, MW-12, MW-14, MW-15, MW-17, MW-19, MW-20, MW-22 THROUGH MW-25, AND MW-27 THROUGH MW-31 AND MW-33A THROUGH MW-41)
- OFF-SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN DEEPER AQUIFER (MW-16, MW-18, MW-26, and MW-32)
- GROUNDWATER EXTRACTION WELL LOCATION

CPT-41 * * HYDROPUNCH SAMPLING DATA FROM FEB/MARCH 2007.

N W E S

150 75 0 150 300

SCALE IN FEET

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South Gate, California

Figure - 14
VOC Results, Shallow Gaspur Aquifer March 2008

DRAWING: 071508_FIG_15_TCE-august-2008.dwg
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PLOT BY: ROBERT_P_TAYLOR - Aug 28, 2008 - 10:31:55am
IMAGES:

N W E S

150 75 0 150 300

SCALE IN FEET

MW-3 (1.8)

CORVAL STREET (ALLEY WAY)

CPT-14 CPT-13 CPT-25 CPT-27 CPT-11 CPT-12

19' DIRT DRIVEWAY

MW 19 (42)

MW-23 (<0.5)

CPT-4 CPT-7 CPT-22 CPT-3 CPT-15 CPT-2 CPT-6 CPT-31 CPT-28 CPT-23 CPT-19 CPT-16 CPT-30 CPT-9 CPT-5 CPT-32 CPT-24 CPT-29 CPT-36 CPT-8 CPT-33 CPT-34 CPT-35 CPT-37 CPT-26 CPT-40 CPT-41 CPT-38 CPT-44 CPT-43 CPT-42 CPT-45 CPT-17 CPT-18 CPT-20 CPT-10 CPT-21

MW-2 (60)
EW-2 (11)
MW-5 (47)
MW-21 (320)
EW-1 (220)
MW-33A (490)
MW-33B
MW-20 (200)
MW-20B
MW-4 (8.4)
MW-1 (0.55)
MW-22 (3.6)
MW 15 (37)
MW 16
MW 41
MW 10 (5.8)
MW 8 (3.2)
MW 17 (<0.5)
MW 18
MW 12 (80)
MW 14 (NS)
MW 24 (11)
MW 25 (12)
MW 25B
MW 26
MW 28
MW 27 (1.6)
MW 30
MW 29 (74)
MW 29A
MW 32
MW 31 (5.6)
MW 31B
MW 31A
MW 35
MW 34 (6.1)
MW 36
MW 37 (7.6)
MW 38
MW 39
MW 40 (16.0)

[5] [10] [100] [10] [5] ? ? ? ? ? ? ? ?

(11,000)** (16,000)** (89)* (530)* (860)*

FORMER HARD WASH AREA
SHED
2 STY. WOOD STORAGE BUILDING
ROOF AREA
DOCK
STORAGE/SHIPPING
OFFICE
MACHINE ROOM
BOILER PAD
DRUM PROCESSING BLDG.
ROOF OVERHANG
TANK
SUMP
FENCE
BLOCKWALL
HARD WASH AREA
WAREHOUSE
CURB LINE
FENCE LINE
CENTERLINE
PP
E.

FORMER TWEEDY SCHOOL
BLDG 1
BLDG 2
BLDG 4
BLDG 5
BLDG 6
BLDG 7
BLDG 8
OVERHANG
PATIO
CHAIN LINK FENCE
CATCH BASIN
ELECT. TRANS.

BIMBO BAKERY

ELG METALS BLDG

SEAM MASTER INDUSTRIES CAMPUS
5221 SOUTHERN AVENUE

ATLANTIC AVENUE
SOUTHERN AVENUE
SOUTHERN AVE.
ALLEY
MC CALLUM AVE
DUNCAN AVE
ADELLA AVE.
WOOD AVE

LEGEND

- ON-SITE GROUNDWATER MONITORING WELL LOCATION (MW-1 through MW-5, and MW-21)
- OFF-SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN SHALLOW AQUIFER (MW-8, MW-10, MW-12, MW-14, MW-15, MW-17, MW-19, MW-20, MW-22 THROUGH MW-25, AND MW-27 THROUGH MW-31 AND MW-33A THROUGH MW-41)
- OFF-SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN DEEPER AQUIFER (MW-16, MW-18, MW-26, and MW-32)
- GROUNDWATER EXTRACTION WELL LOCATION
- LAUSD PROPOSED SOUTHEASTERN LEARNING COMPLEX SITE (LOCATED AT THE VERY BOTTOM OF FIGURE) MW-12C1 COMPLETED IN SHALLOW GASPUR AQUIFER. MW-1C AND MW-12C2 COMPLETED IN INTERMEDIATE GASPUR AQUIFER. SAMPLED IN APRIL 2007.
- (4.9) TCE CONCENTRATION IN MICROGRAMS PER LITER µg/L, AS PARTS PER BILLION.
- —[10]— LINE OF EQUAL TCE CONCENTRATION IN µg/L. (DASHED WERE ESTIMATED)
- 530 ** ** HYDROPUNCH SAMPLING DATA FROM 1999 AND 2000.
- 860 * * HYDROPUNCH SAMPLING DATA FROM FEB/MARCH 2007.
- TCE=TRICHLOROETHENE

001-MW-12C1 ⊠ (240)
001-MW-12C2 ⊠ (1,500)

039-MW-1C ⊠ (850)

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South Gate, California

Figure - 15
Trichloroethene Isopleth Map, Intermediate Gaspur Aquifer March 2008

DRAWING: 071508_FIG_16_TCE-LOWER-2008.dwg
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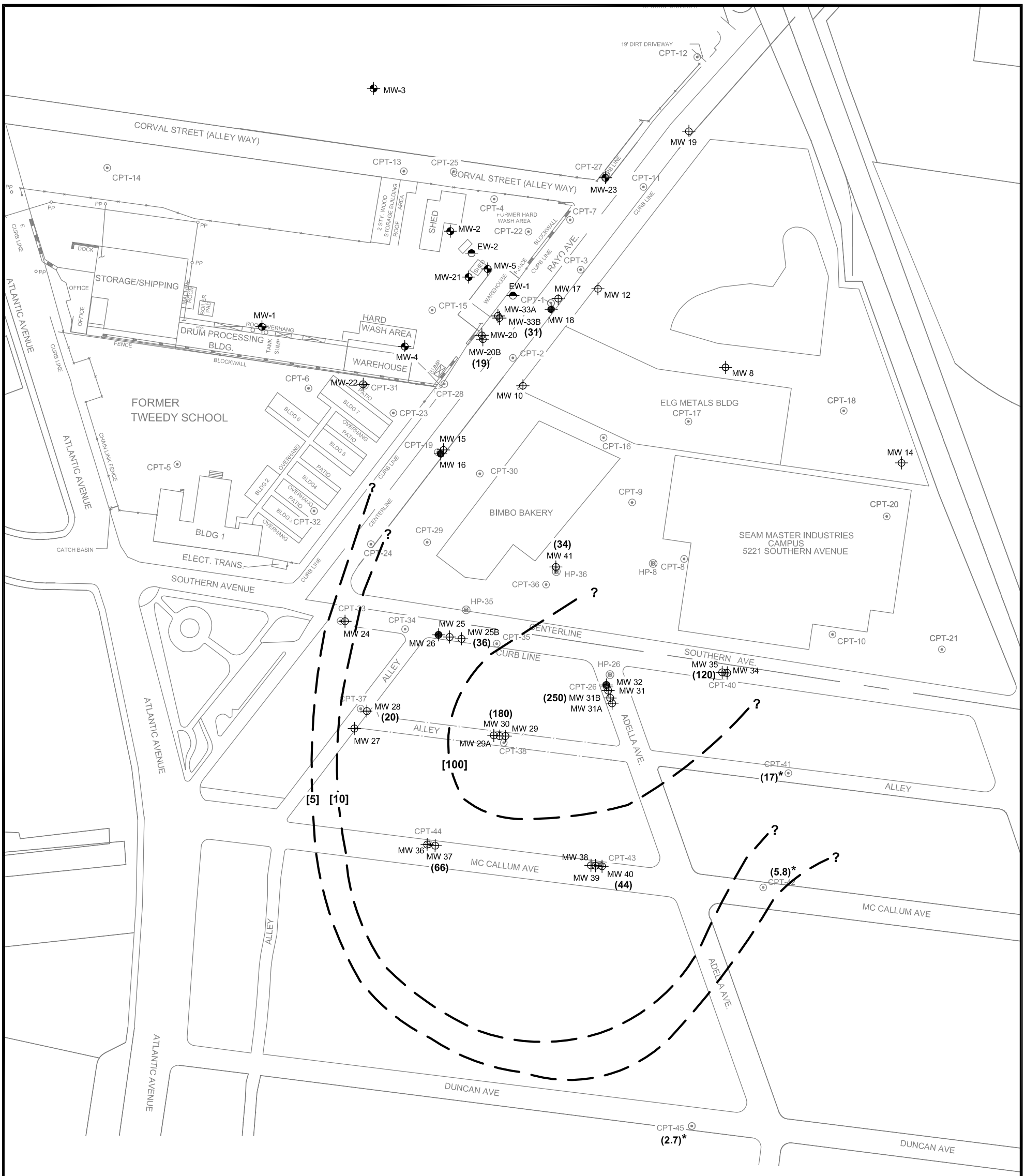

LEGEND

- ON-SITE GROUNDWATER MONITORING WELL LOCATION (MW-1 through MW-5, and MW-21)
- OFF-SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN SHALLOW AQUIFER (MW-8, MW-10, MW-12, MW-14, MW-15, MW-17, MW-19, MW-20, MW-22 THROUGH MW-25, AND MW-27 THROUGH MW-31 AND MW-33A THROUGH MW-41)
- OFF-SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN DEEPER AQUIFER (MW-16, MW-18, MW-26, and MW-32)
- GROUNDWATER EXTRACTION WELL LOCATION
- (66) TCE CONCENTRATION IN MICROGRAMS PER LITER µg/L, AS PARTS PER BILLION.
- —[10]— LINE OF EQUAL TCE CONCENTRATION IN µg/L. (DASHED WERE ESTIMATED)
- (17)* * HYDROPUNCH SAMPLING DATA FROM FEB/MARCH 2007.
- TCE=TRICHLOROETHENE

N W E S

150 75 0 150 300

SCALE IN FEET

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Sacramento, CA 95833-3200
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South Gate, California

Figure - 16
Trichloroethene Isopleth Map,
Lower Gaspur Aquifer, March 2008

DRAWING: 071508_FIG_17_cis-1-2-DCE-APRIL-2008.dwg XREFS: T:\current-work files\COOPER-DRUM\Cooper-Drum 20080506\NEW-BACKGRD3.dwg
DRAWING: T:\current-work files\COOPER-DRUM\07152008\C-D 71508\ PLOT BY: ROBERT_P_TAYLOR - Aug 28, 2008 - 10:35:56am IMAGES:

N W E S

150 75 0 150 300

SCALE IN FEET

MW-3 (2.5)

CORVAL STREET (ALLEY WAY)

CPT-14 CPT-13 CPT-25 CPT-27 CPT-11 CPT-12

19' DIRT DRIVEWAY

MW 19 (15)

MW-23 (0.76)

CPT-7 CPT-4 CPT-22 CPT-3

FORMER HARD WASH AREA

SHED

MW-2 (460) EW-2 (10)

[100]

MW-5 (68) (210) EW-1

MW-21 (340)

MW 17 (0.79) MW 12 (140)

MW 18

CPT-15 CPT-1

MW-33A MW-33B

MW-20 (120) MW-20B

CPT-2

(0.28) MW-1

MW-4 (19)

HARD WASH AREA

WAREHOUSE

DRUM PROCESSING BLDG.

STORAGE/SHIPPING

OFFICE

MACHINE ROOM

BOILER PAD

DOCK

ROOF OVERHANG

FENCE

BLOCKWALL

TANK SUMP

PUMP

CURB LINE

ATLANTIC AVENUE

CHAIN LINK FENCE

CATCH BASIN

CPT-6 MW-22 CPT-3 (4.9) CPT-28

FORMER TWEEDY SCHOOL

BLDG 8 BLDG 7 BLDG 5 BLDG 4 BLDG 2 BLDG 1 BLDG 3

OVERHANG PATIO

CPT-23 CPT-19 MW 15 (57) MW 16

CPT-5 CPT-32 CPT-30

[5] [10]

CENTERLINE

CPT-24 CPT-29

MW 41 HP-36 CPT-36

HP-8 CPT-8

BIMBO BAKERY

ELG METALS BLDG

CPT-17 CPT-16 CPT-18

MW 8 (58)

MW 10 (14)

MW 14

CPT-9 CPT-20

SEAM MASTER INDUSTRIES CAMPUS
5221 SOUTHERN AVENUE

CPT-10 (4,500)** CPT-21 (4,900)**

ELECT. TRANS.

SOUTHERN AVENUE

HP-35 CPT-33 (22) MW 25 MW 25B MW 24 (6.5) MW 26 CPT-34 CPT-35

CURB LINE

ALLEY

HP-26 CPT-26 MW 32 MW 31 MW 31B MW 31A (3.5)

SOUTHERN AVE.

MW 35 MW 34 (180) CPT-40

ADELLA AVE.

CPT-37 MW 28 MW 27 (1.1)

MW 30 MW 29 (61) MW 29A CPT-38

CPT-41 (94)*

CPT-44 MW 36 MW 37 (4.9)

MW 38 CPT-43 MW 39 MW 40 (6.6)

MC CALLUM AVE

CPT-42 (770)*

DUNCAN AVE

CPT-45 (860)*

WOOD AVE

LEGEND

- ON-SITE GROUNDWATER MONITORING WELL LOCATION (MW-1 through MW-5, and MW-21)
- OFF-SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN SHALLOW AQUIFER (MW-8, MW-10, MW-12, MW-14, MW-15, MW-17, MW-19, MW-20, MW-22 THROUGH MW-25, AND MW-27 THROUGH MW-31 AND MW-33A THROUGH MW-41)
- OFF-SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN DEEPER AQUIFER (MW-16, MW-18, MW-26, and MW-32)
- GROUNDWATER EXTRACTION WELL LOCATION
- LAUSD PROPOSED SOUTHEASTERN LEARNING COMPLEX SITE (LOCATED AT THE VERY BOTTOM OF FIGURE) MW-12C1 COMPLETED IN SHALLOW GASPUR AQUIFER. MW-1C AND MW-12C2 COMPLETED IN INTERMEDIATE GASPUR AQUIFER. SAMPLED IN APRIL 2007.

(4.9) cis-1,2-DCE CONCENTRATION IN MICROGRAMS PER LITER µg/L, AS PARTS PER BILLION.

—[10]— LINE OF EQUAL cis-1,2-DCE CONCENTRATION IN µg/L. (DASHED WERE ESTIMATED)

(4,500) ** ** HYDROPUNCH SAMPLING DATA FROM 1999 AND 2000.

(770) * * HYDROPUNCH SAMPLING DATA FROM FEB/MARCH 2007.

cis-1,2-DCE = cis-1,2-DICHLOROETHENE

001-MW-12C1 ⊗ (740)
001-MW-12C2 ⊗ (180) *

039-MW-1C ⊗ (41) **

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Sacramento, CA 95833-3200
TEL: (916) 679-2000
FAX: (916) 679-2900

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South Gate, California

Figure - 17
cis-1,2-Dichloroethene Isopleth Map, Intermediate Gaspur Aquifer March 2008

DRAWING: 071508_FIG_18_cis-1-2-DCE-LOWER-2008.dwg XREFS: T:\current-work files\COOPER-DRUM\Cooper-Drum 20080506\NEW-BACKGRD3.dwg
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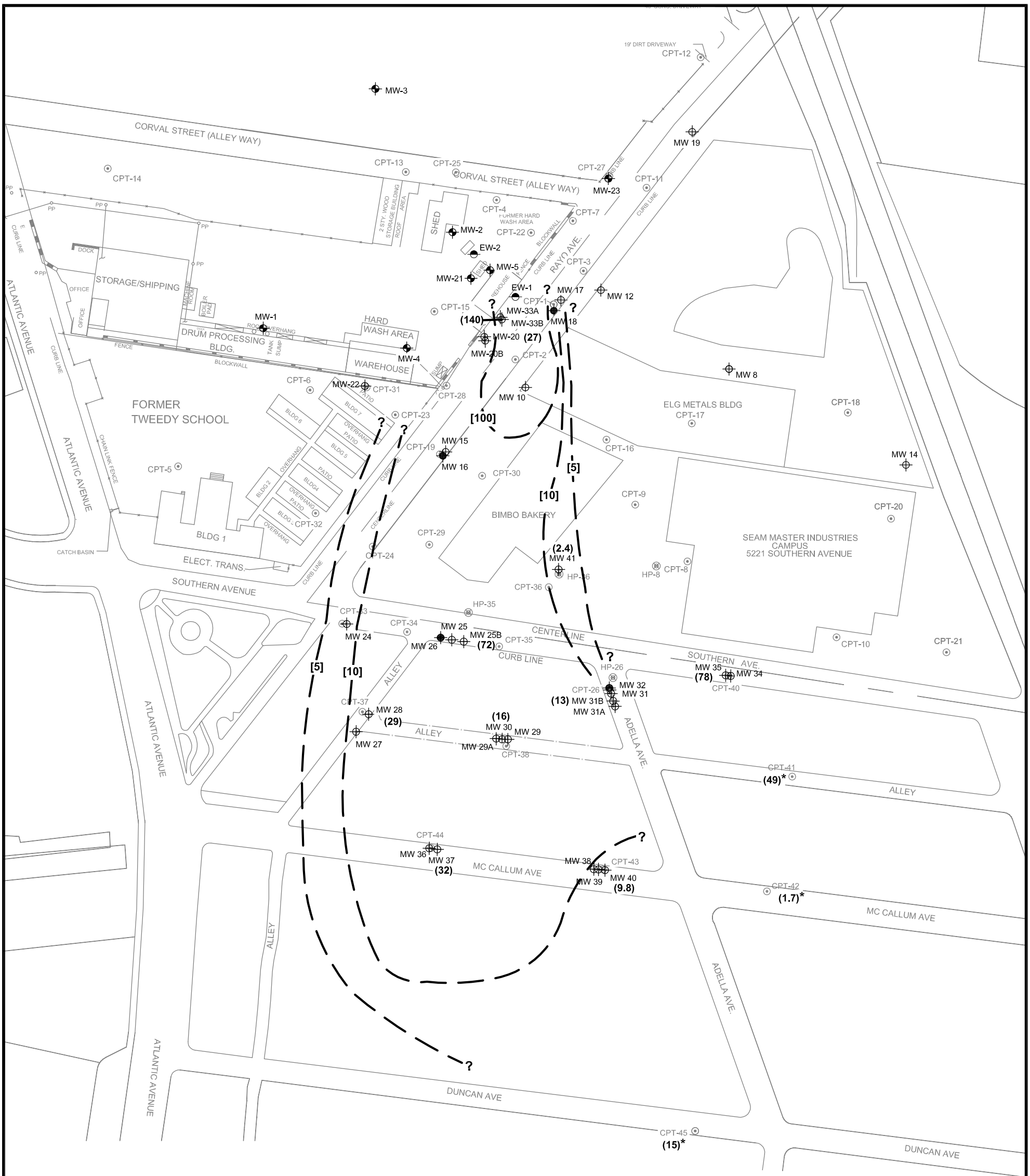

LEGEND

- ON-SITE GROUNDWATER MONITORING WELL LOCATION (MW-1 through MW-5, and MW-21)
- OFF-SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN SHALLOW AQUIFER (MW-8, MW-10, MW-12, MW-14, MW-15, MW-17, MW-19, MW-20, MW-22 THROUGH MW-25, AND MW-27 THROUGH MW-31 AND MW-33A THROUGH MW-41)
- OFF-SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN DEEPER AQUIFER (MW-16, MW-18, MW-26, and MW-32)
- GROUNDWATER EXTRACTION WELL LOCATION
- (7.6) cis-1,2-DCE CONCENTRATION IN MICROGRAMS PER LITER µg/L, AS PARTS PER BILLION.
- —[10]— LINE OF EQUAL cis-1,2-DCE CONCENTRATION IN µg/L. (DASHED WERE ESTIMATED)
- (15) * * HYDROPUNCH SAMPLING DATA FROM FEB/MARCH 2007.

cis-1,2-DCE = cis-1,2-DICHLOROETHENE

N W E S

150 75 0 150 300

SCALE IN FEET

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Sacramento, CA 95833-3200
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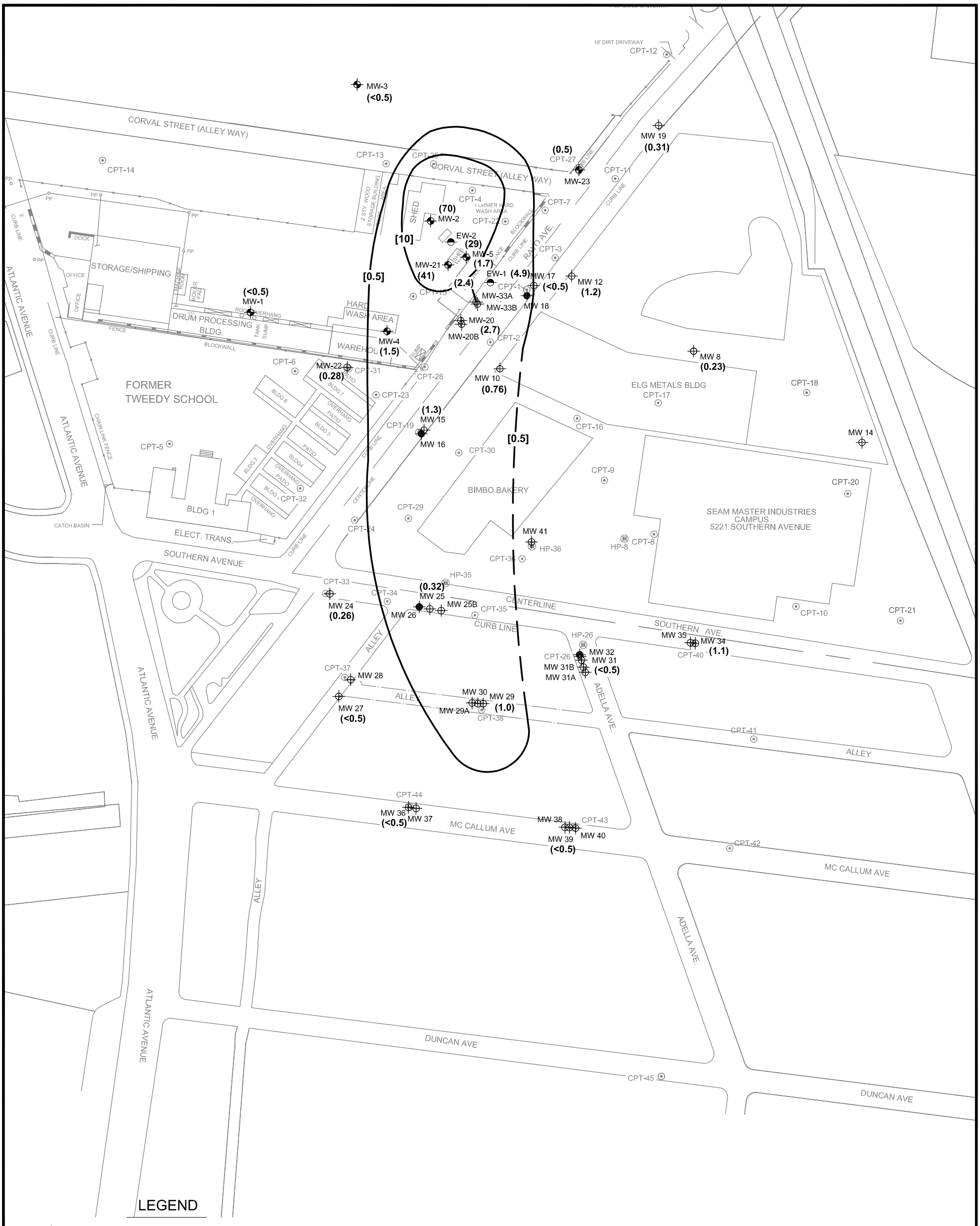
Cooper Drum Company
South Gate, California

Figure - 18
cis-1,2-Dichloroethene Isopleth Map,
Lower Gaspur Aquifer March 2008

DRAWING: 071508_FIG_19_vinyl-chlor-APRIL-2008.dwg XREFS: T:\current-work files\COOPER-DRUM\Cooper-Drum 20080506\NEW-BACKGRD3.dwg

DRAWING: T:\current-work files\COOPER-DRUM\07152008\C-D 71508\ PLOT BY: ROBERT_P_TAYLOR - Aug 28, 2008 - 10:39:11am IMAGES:



LEGEND

- ON-SITE GROUNDWATER MONITORING WELL LOCATION (MW-1 through MW-5, and MW-21)
- OFF-SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN SHALLOW AQUIFER (MW-8, MW-10, MW-12, MW-14, MW-15, MW-17, MW-19, MW-20, MW-22 THROUGH MW-25, AND MW-27 THROUGH MW-31 AND MW-33A THROUGH MW-41)
- OFF-SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN DEEPER AQUIFER (MW-16, MW-18, MW-26, and MW-32)
- GROUNDWATER EXTRACTION WELL LOCATION
- (0.32) VINYL CHLORIDE CONCENTRATION IN MICROGRAMS PER LITER µg/L, AS PARTS PER BILLION.
- —[10]— LINE OF EQUAL VINYL CHLORIDE CONCENTRATION IN µg/L. (DASHED WERE ESTIMATED)

N W E S

150 75 0 150 300

SCALE IN FEET

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South Gate, California

Figure - 19
Vinyl Chloride Isopleth Map,
Intermediate Gaspur Aquifer March 2008

DRAWING: 071508_FIG_20_vinyl-chlor-LOWER-2008.dwg XREFS: T:\current-work files\COOPER-DRUM\Cooper-Drum 20080506\NEW-BACKGRD3.dwg
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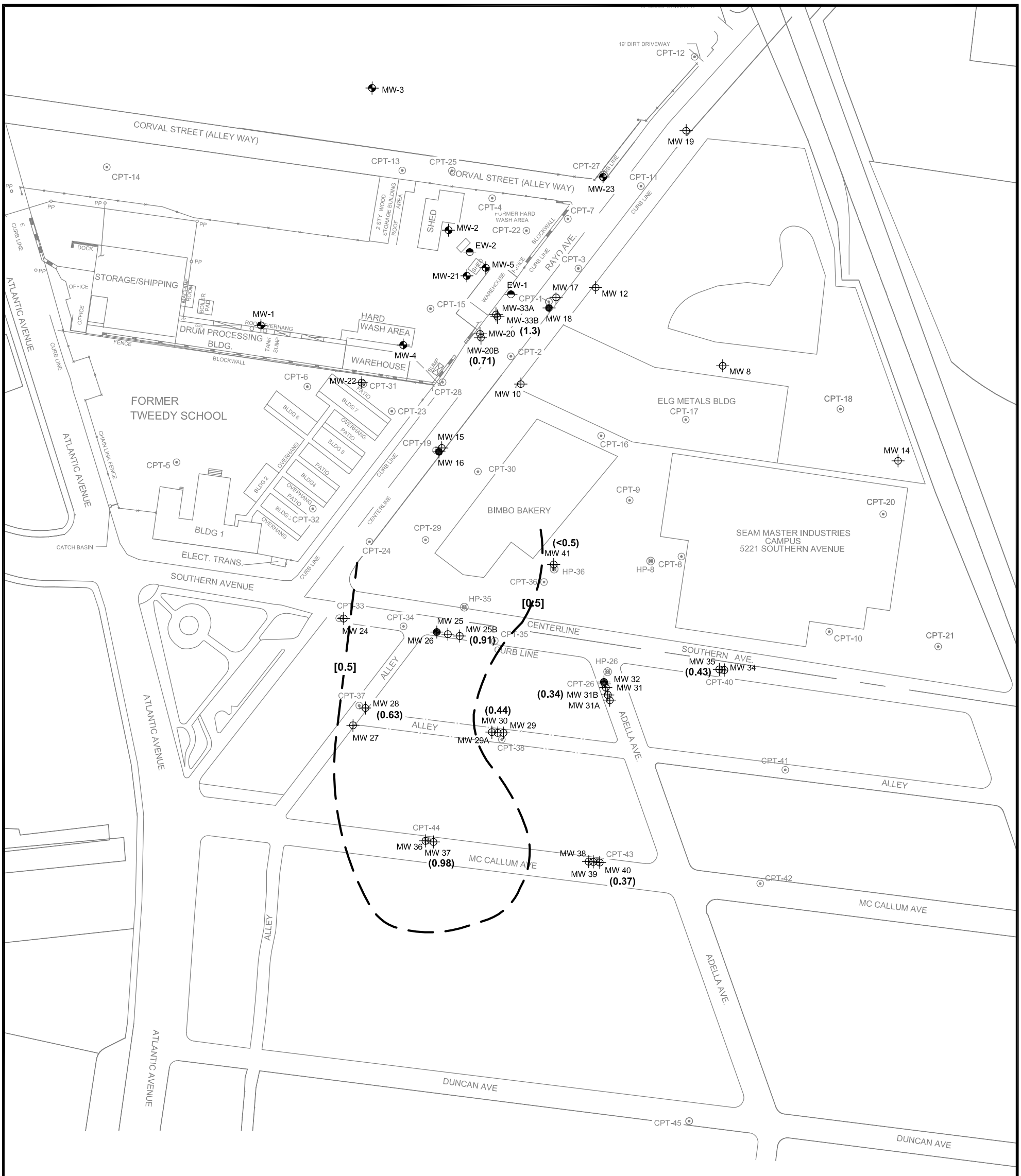

LEGEND

- ON-SITE GROUNDWATER MONITORING WELL LOCATION (MW-1 through MW-5, and MW-21)
- OFF-SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN SHALLOW AQUIFER (MW-8, MW-10, MW-12, MW-14, MW-15, MW-17, MW-19, MW-20, MW-22 THROUGH MW-25, AND MW-27 THROUGH MW-31 AND MW-33A THROUGH MW-41)
- OFF-SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN DEEPER AQUIFER (MW-16, MW-18, MW-26, and MW-32)
- GROUNDWATER EXTRACTION WELL LOCATION
- (0.98) VINYL CHLORIDE CONCENTRATION IN MICROGRAMS PER LITER µg/L, AS PARTS PER BILLION.
- [0.5] LINE OF EQUAL VINYL CHLORIDE CONCENTRATION IN µg/L. (DASHED WERE ESTIMATED)

N W E S

150 75 0 150 300

SCALE IN FEET

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Figure - 20
Vinyl Chloride Results,
Lower Gaspur Aquifer March 2008

DRAWING: 071508_FIG_21_1-1-DCA-APRIL-2008.dwg XREFS: T:\current-work files\COOPER-DRUM\Cooper-Drum 20080506\NEW-BACKGRD3.dwg

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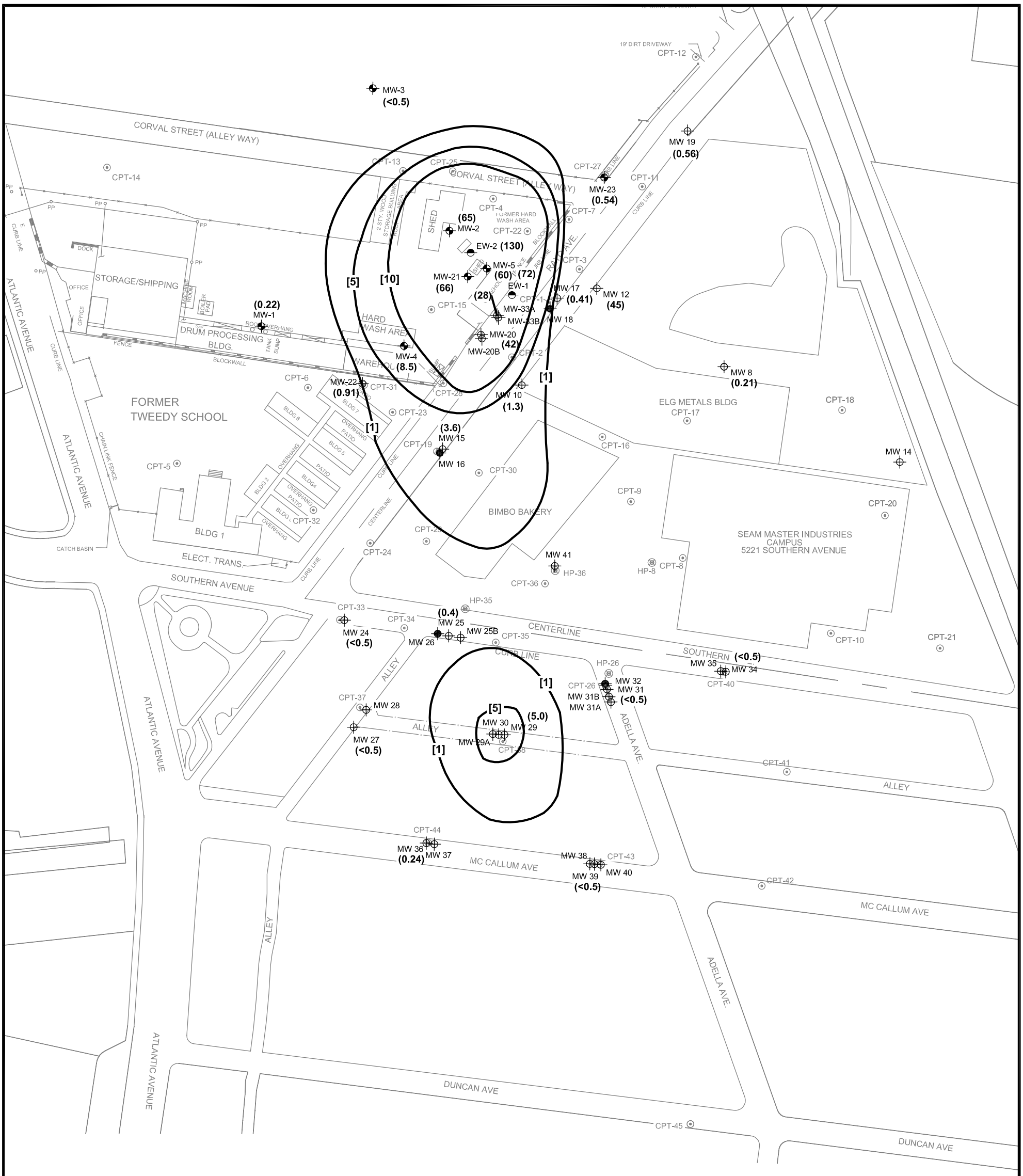

LEGEND

- ON-SITE GROUNDWATER MONITORING WELL LOCATION (MW-1 through MW-5, and MW-21)
- OFF-SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN SHALLOW AQUIFER (MW-8, MW-10, MW-12, MW-14, MW-15, MW-17, MW-19, MW-20, MW-22 THROUGH MW-25, AND MW-27 THROUGH MW-31 AND MW-33A THROUGH MW-41)
- OFF-SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN DEEPER AQUIFER (MW-16, MW-18, MW-26, and MW-32)
- GROUNDWATER EXTRACTION WELL LOCATION
- (0.24) 1,1-DCA CONCENTRATION IN MICROGRAMS PER LITER µg/L, AS PARTS PER BILLION.
- —[10]— LINE OF EQUAL 1,1-DCA CONCENTRATION IN µg/L. (DASHED WERE ESTIMATED)

1,1-DCA = 1,1-DICHLOROETHANE

N W E S

150 75 0 150 300

SCALE IN FEET

URS
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Sacramento, CA 95833-3200
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Cooper Drum Company
South Gate, California

Figure - 21
1,1-Dichloroethane Isopleth Map,
Intermediate Gaspur Aquifer March 2008

DRAWING: 071508_FIG_22_1-1-DCA-LOWER-2008.dwg XREFS: T:\current-work files\COOPER-DRUM\Cooper-Drum 20080506\NEW-BACKGRD3.dwg

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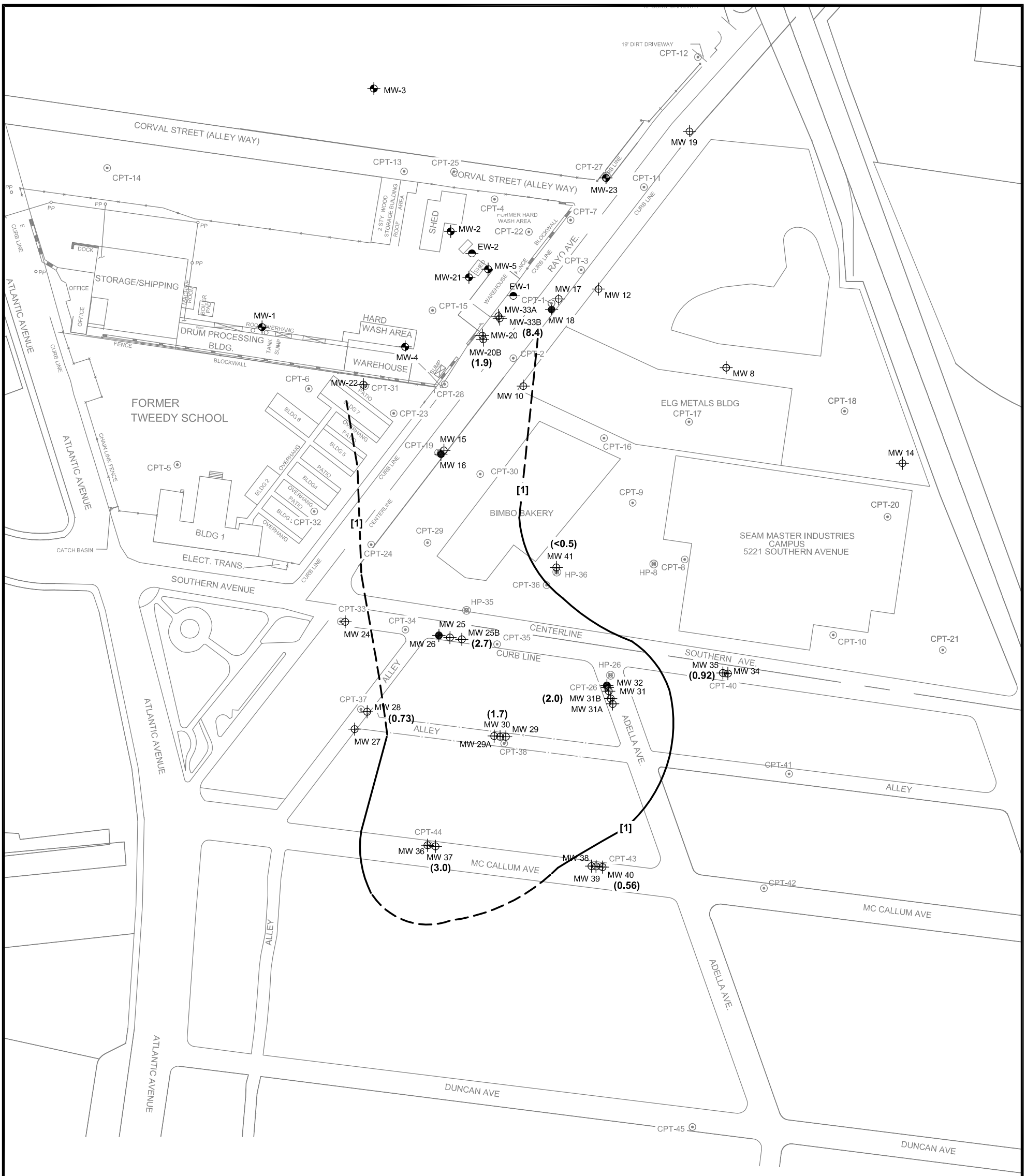

LEGEND

- ON-SITE GROUNDWATER MONITORING WELL LOCATION (MW-1 through MW-5, and MW-21)
- OFF-SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN SHALLOW AQUIFER (MW-8, MW-10, MW-12, MW-14, MW-15, MW-17, MW-19, MW-20, MW-22 THROUGH MW-25, AND MW-27 THROUGH MW-31 AND MW-33A THROUGH MW-41)
- OFF-SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN DEEPER AQUIFER (MW-16, MW-18, MW-26, and MW-32)
- GROUNDWATER EXTRACTION WELL LOCATION
- (3.0) 1,1-DCA CONCENTRATION IN MICROGRAMS PER LITER µg/L, AS PARTS PER BILLION.
- —[1]— LINE OF EQUAL 1,1-DCA CONCENTRATION IN µg/L. (DASHED WERE ESTIMATED)

1,1-DCA = 1,1-DICHLOROETHANE

N W E S

150 75 0 150 300

SCALE IN FEET

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South Gate, California

Figure - 22
1,1-Dichloroethane Results,
Lower Gaspur Aquifer Lower March 2008

DRAWING: 071508_FIG_23_1-2-DCA-APRIL-2008.dwg XREFS: T:\current-work files\COOPER-DRUM\Cooper-Drum 20080506\NEW-BACKGRD3.dwg

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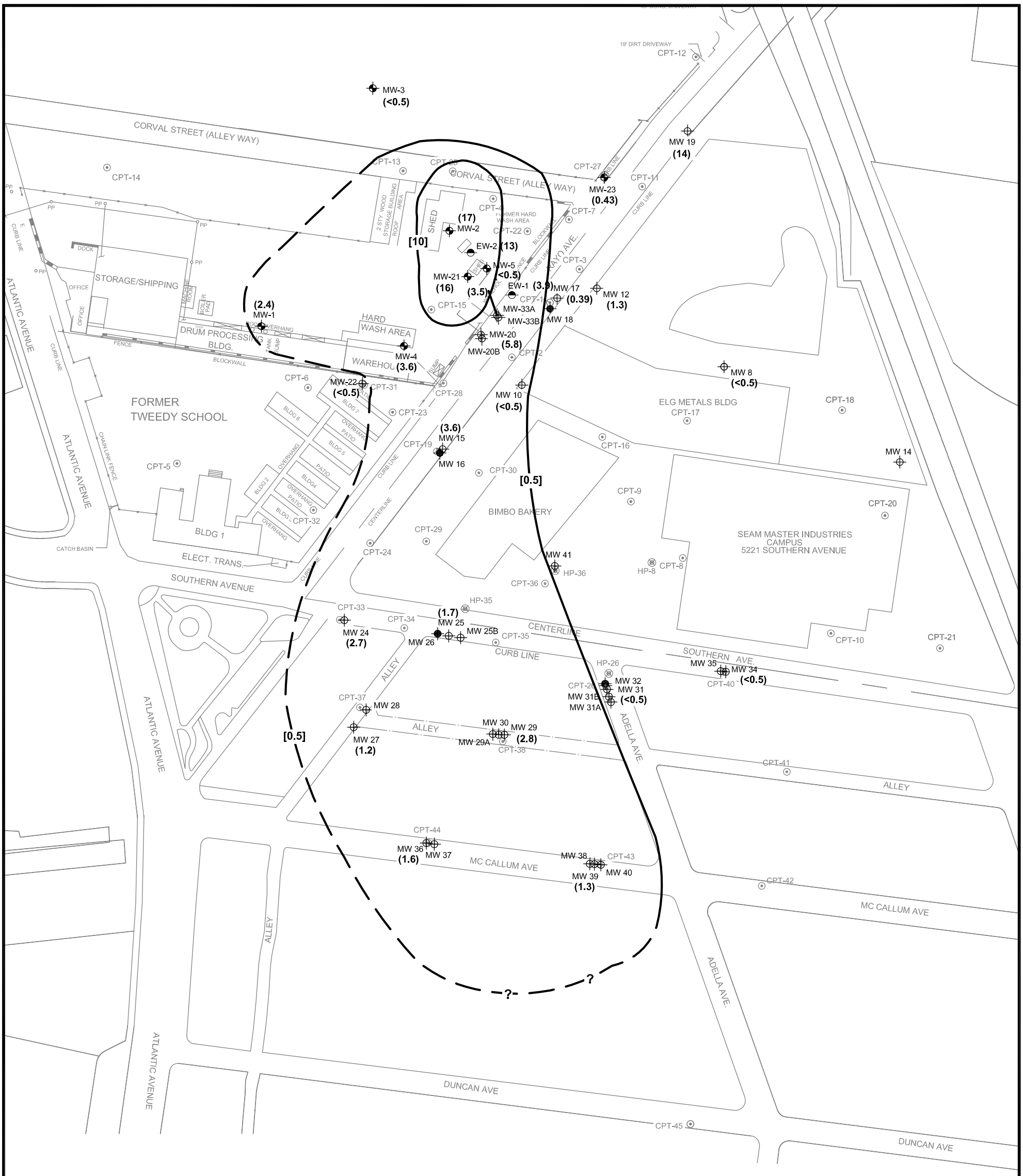

LEGEND

- ON-SITE GROUNDWATER MONITORING WELL LOCATION (MW-1 through MW-5, and MW-21)
- OFF-SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN SHALLOW AQUIFER (MW-8, MW-10, MW-12, MW-14, MW-15, MW-17, MW-19, MW-20, MW-22 THROUGH MW-25, AND MW-27 THROUGH MW-31 AND MW-33A THROUGH MW-41)
- OFF-SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN DEEPER AQUIFER (MW-16, MW-18, MW-26, and MW-32)
- GROUNDWATER EXTRACTION WELL LOCATION
- (1.6) 1,2-DCA CONCENTRATION IN MICROGRAMS PER LITER µg/L, AS PARTS PER BILLION.
- —[10]— LINE OF EQUAL 1,2-DCA CONCENTRATION IN µg/L. (DASHED WERE ESTIMATED)

1,2-DCA = 1,2-DICHLOROETHANE

N W E S

150 75 0 150 300

SCALE IN FEET

URS
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Figure - 23
1,2-Dichloroethane Isopleth Map, Intermediate Gaspur Aquifer March 2008

DRAWING: 071508_FIG_24_1-2-DCA-LOWER-2008.dwg XREFS: T:\current-work files\COOPER-DRUM\Cooper-Drum 20080506\NEW-BACKGRD3.dwg

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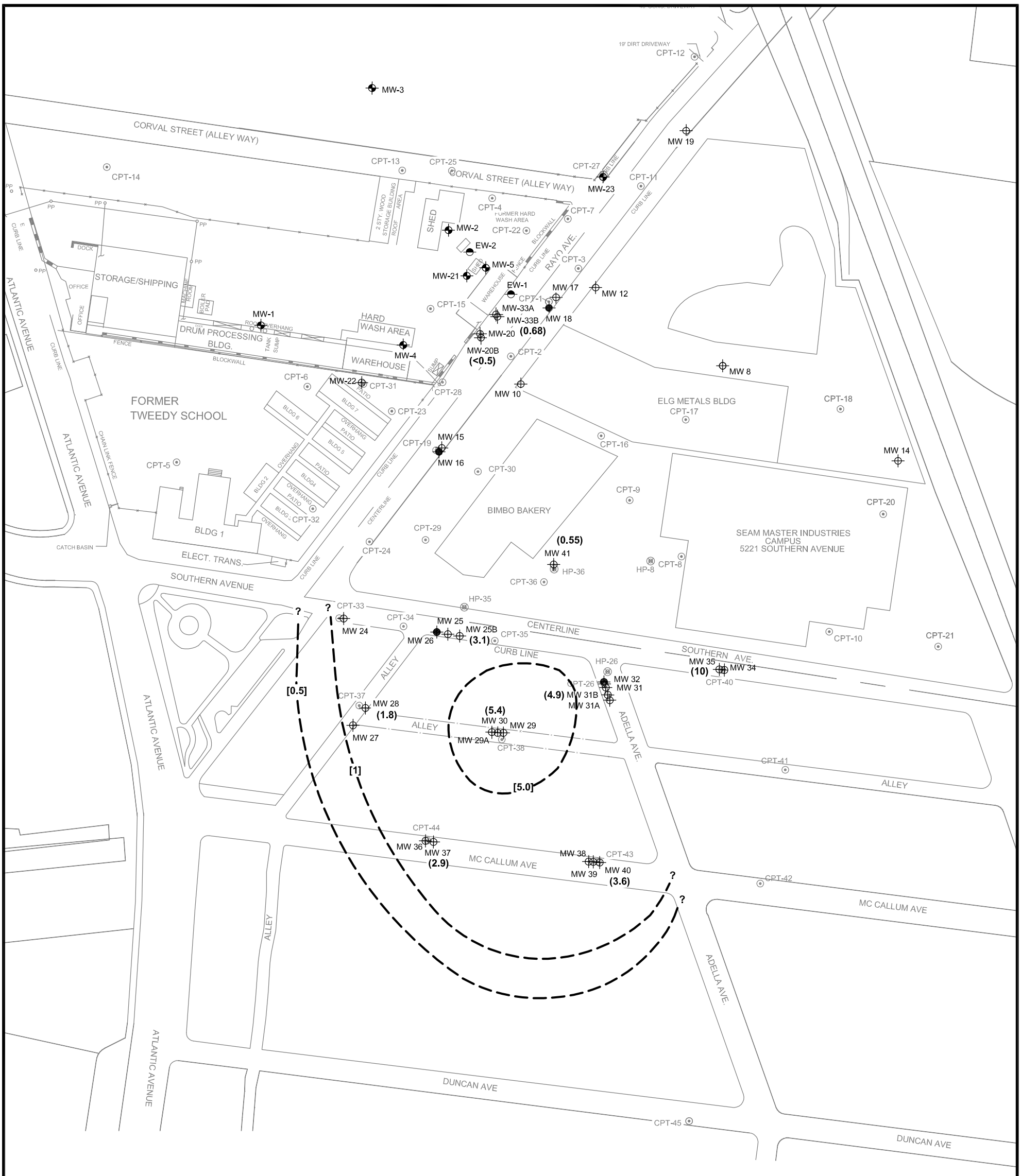

LEGEND

- ON-SITE GROUNDWATER MONITORING WELL LOCATION (MW-1 through MW-5, and MW-21)
- OFF-SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN SHALLOW AQUIFER (MW-8, MW-10, MW-12, MW-14, MW-15, MW-17, MW-19, MW-20, MW-22 THROUGH MW-25, AND MW-27 THROUGH MW-31 AND MW-33A THROUGH MW-41)
- OFF-SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN DEEPER AQUIFER (MW-16, MW-18, MW-26, and MW-32)
- GROUNDWATER EXTRACTION WELL LOCATION
- (2.9) 1,2-DCA CONCENTRATION IN MICROGRAMS PER LITER µg/L, AS PARTS PER BILLION.
- — [5] — LINE OF EQUAL 1,2-DCA CONCENTRATION IN µg/L. (DASHED WERE ESTIMATED)

1,2-DCA = 1,2-DICHLOROETHANE

N W E S

150 75 0 150 300

SCALE IN FEET

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Figure - 24
1,2-Dichloroethane Results,
Lower Gaspur Aquifer March 2008

DRAWING: 071508_FIG_25_1-4-DIOXANE-APRIL-2008.dwg XREFS: T:\current-work files\COOPER-DRUM\Cooper-Drum 20080506\NEW-BACKGRD3.dwg
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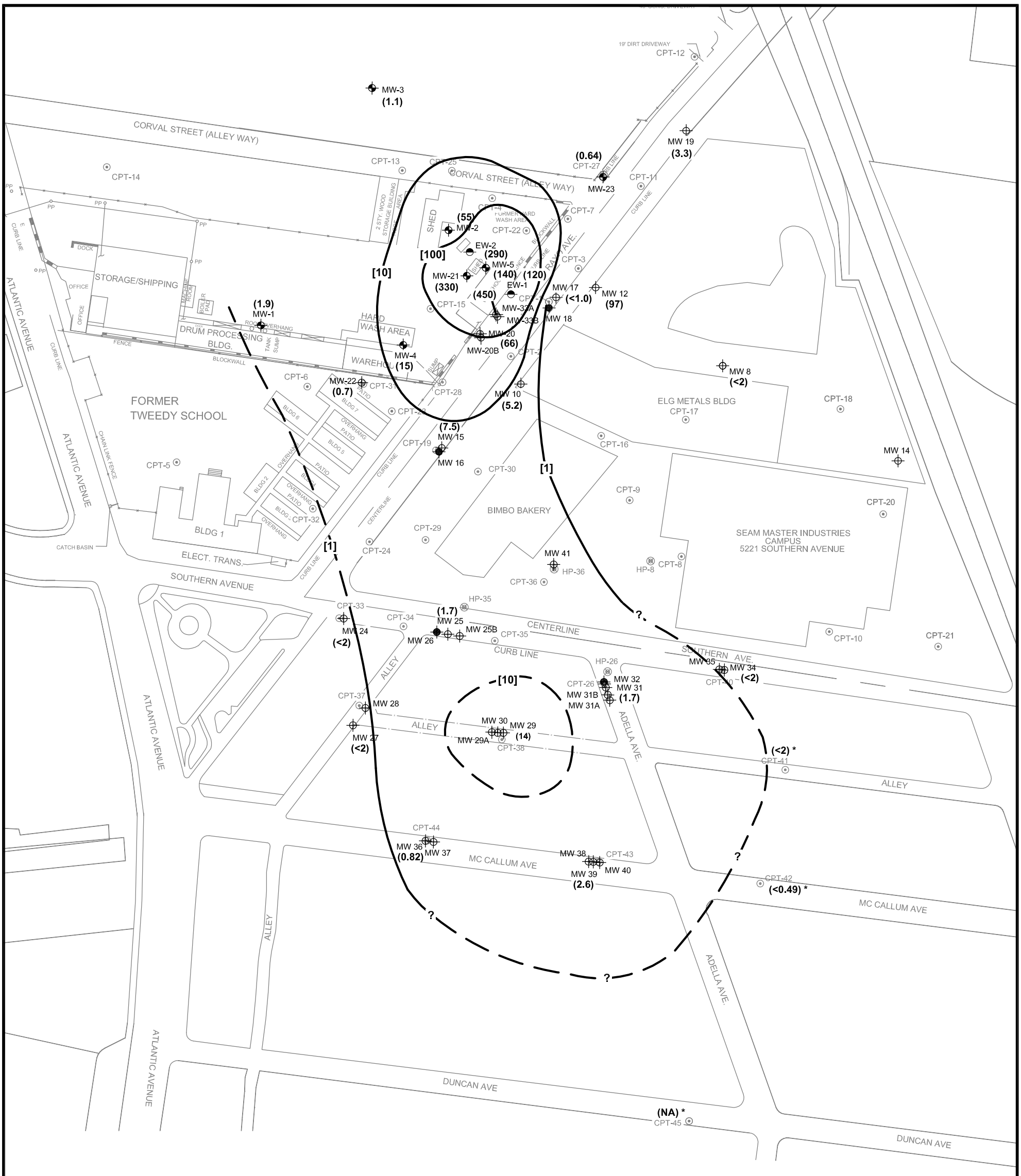

LEGEND

- ON-SITE GROUNDWATER MONITORING WELL LOCATION (MW-1 through MW-5, and MW-21)
- OFF-SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN SHALLOW AQUIFER (MW-8, MW-10, MW-12, MW-14, MW-15, MW-17, MW-19, MW-20, MW-22 THROUGH MW-25, AND MW-27 THROUGH MW-31 AND MW-33A THROUGH MW-41)
- OFF-SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN DEEPER AQUIFER (MW-16, MW-18, MW-26, and MW-32)
- GROUNDWATER EXTRACTION WELL LOCATION
- (10) 1,4-DIOXANE CONCENTRATION IN MICROGRAMS PER LITER µg/L, AS PARTS PER BILLION.
- —[1]— LINE OF EQUAL 1,4-DIOXANE CONCENTRATION IN µg/L. (DASHED WERE ESTIMATED)
- (<2) * * HYDROPUNCH SAMPLING DATA FROM FEB/MARCH 2007.
- NA NOT ANALYZED

N W E S

150 75 0 150 300

SCALE IN FEET

URS
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Figure - 25
1,4-Dioxane Isopleth Map,
Intermediate Gaspur Aquifer March 2008

DRAWING: 071508_FIG_26_1-4-DIOXANE-LOWER-2008.dwg XREFS: T:\current-work files\COOPER-DRUM\Cooper-Drum 20080506\NEW-BACKGRD3.dwg
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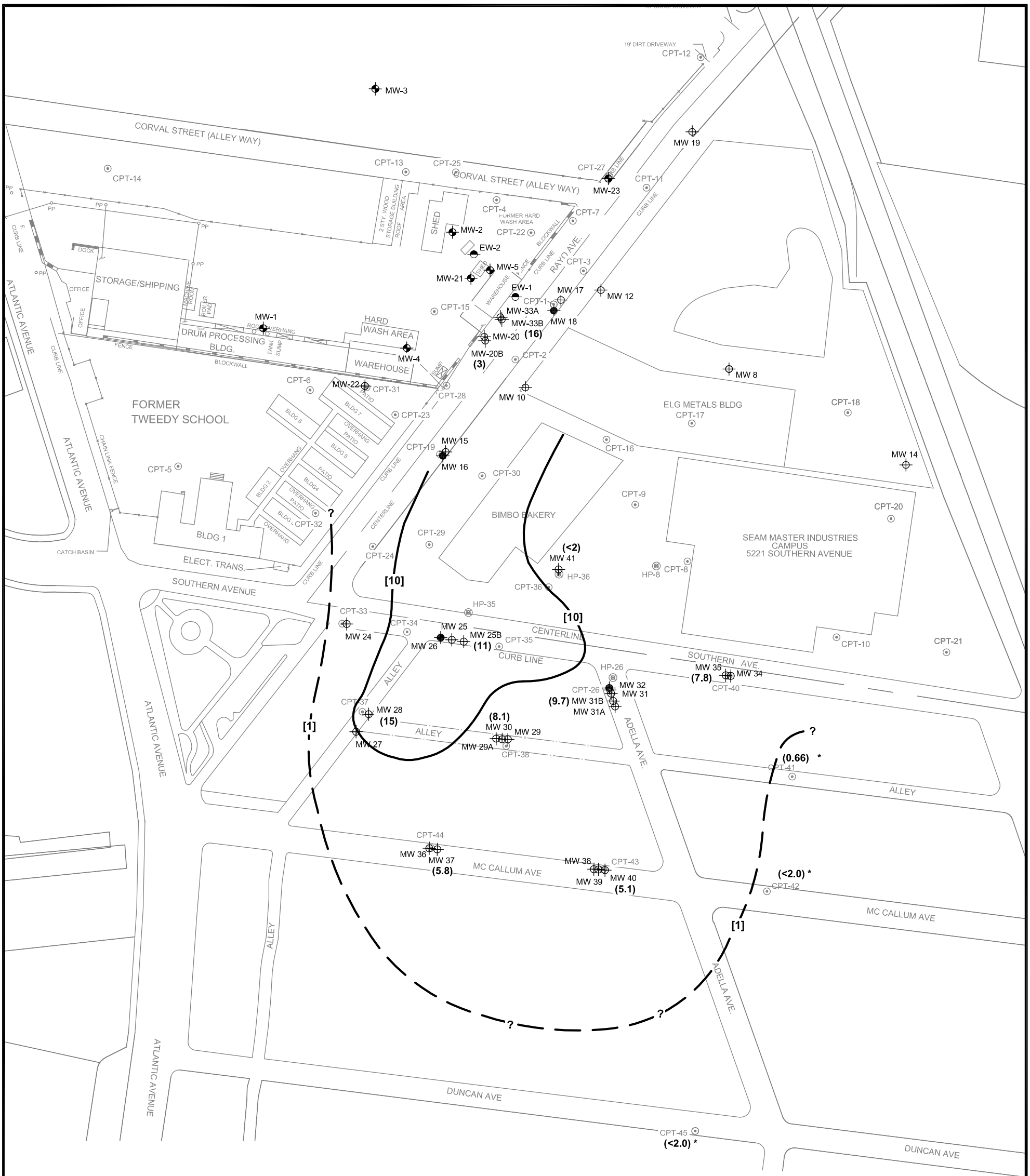

LEGEND

- ON-SITE GROUNDWATER MONITORING WELL LOCATION (MW-1 through MW-5, and MW-21)
- OFF-SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN SHALLOW AQUIFER (MW-8, MW-10, MW-12, MW-14, MW-15, MW-17, MW-19, MW-20, MW-22 THROUGH MW-25, AND MW-27 THROUGH MW-31 AND MW-33A THROUGH MW-41)
- OFF-SITE GROUNDWATER MONITORING WELL LOCATION COMPLETED IN DEEPER AQUIFER (MW-16, MW-18, MW-26, and MW-32)
- GROUNDWATER EXTRACTION WELL LOCATION
- (5.8) 1,4-DIOXANE CONCENTRATION IN MICROGRAMS PER LITER µg/L, AS PARTS PER BILLION.
- —[10]— LINE OF EQUAL 1,4-DIOXANE CONCENTRATION IN µg/L. (DASHED WERE ESTIMATED)
- (<2)* * HYDROPUNCH SAMPLING DATA FROM FEB/MARCH 2007.

N W E S

150 75 0 150 300

SCALE IN FEET

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Sacramento, CA 95833-3200
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Figure - 26
1,4-Dioxane Isopleth Map,
Lower Gaspur Aquifer, March 2008