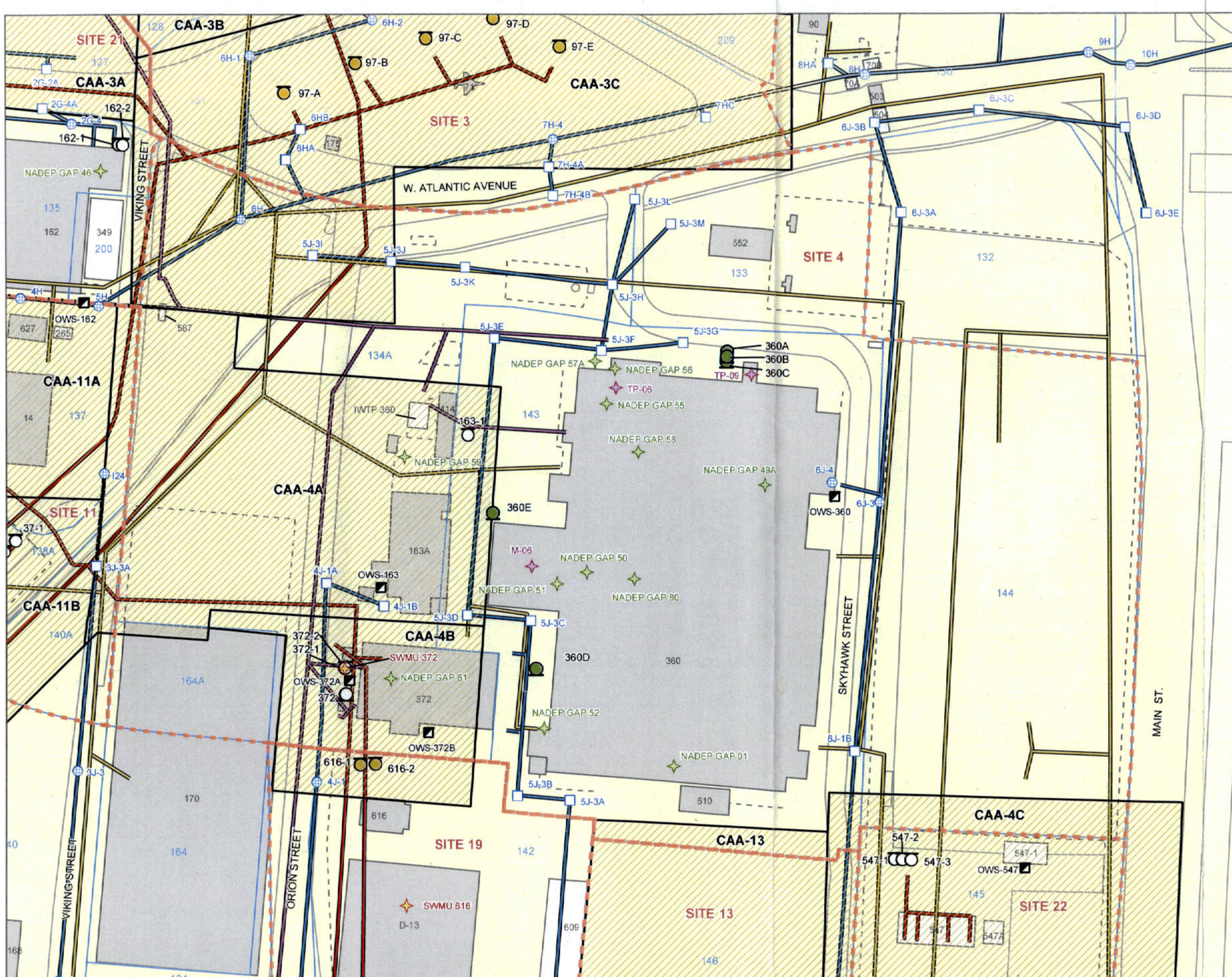
Previous

N00236.002042
ALAMEDA POINT
SSIC NO. 5090.3

FIGURES

FINAL OPERABLE UNIT 2B
REMEDIAL INVESTIGATION REPORT
SITES 3, 4, 11, AND 21

DATED 05 AUGUST 2005



ABOVEGROUND STORAGE TANK (AST)
- Present
- Removed

UNDERGROUND STORAGE TANK (UST)
- Present
- Removed
- GENERATOR ACCUMULATION POINT (GAP)
- SOLID WASTE MANAGEMENT UNIT (SWMU)
- RCRA UNIT
- CATCH BASIN
- MANHOLE
- OIL WATER SEPARATOR (OWS)
- FENCE
- FUEL LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- INDUSTRIAL WASTE LINE
- CORRECTIVE ACTION AREA (CAA)
- CERCLA SITE BOUNDARY
- ENVIRONMENTAL BASELINE SURVEY (EBS) PARCEL BOUNDARY AND NUMBER
- LAND COVER

BUILDING
- Present
- Removed

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
GAP = Generator accumulation point
IWTP = Industrial Waste Treatment Plant
NADEP = Naval Aviation Depot Alameda
NAS = Naval Air Station
RCRA = Resource Conservation and Recovery Act
SWMU = Solid Waste Management Unit
TP = Tiered Permit
Buildings 107, 201-223, 226, 227, 230-232, 236, 237, 240-260, 360A through D, OWS 414 and associated washdown area could not be located and are not included on this figure.

60 0 60 120 Feet

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FIGURE 6-1
SITE 4 FEATURES

Operable Unit 2B
Remedial Investigation Report

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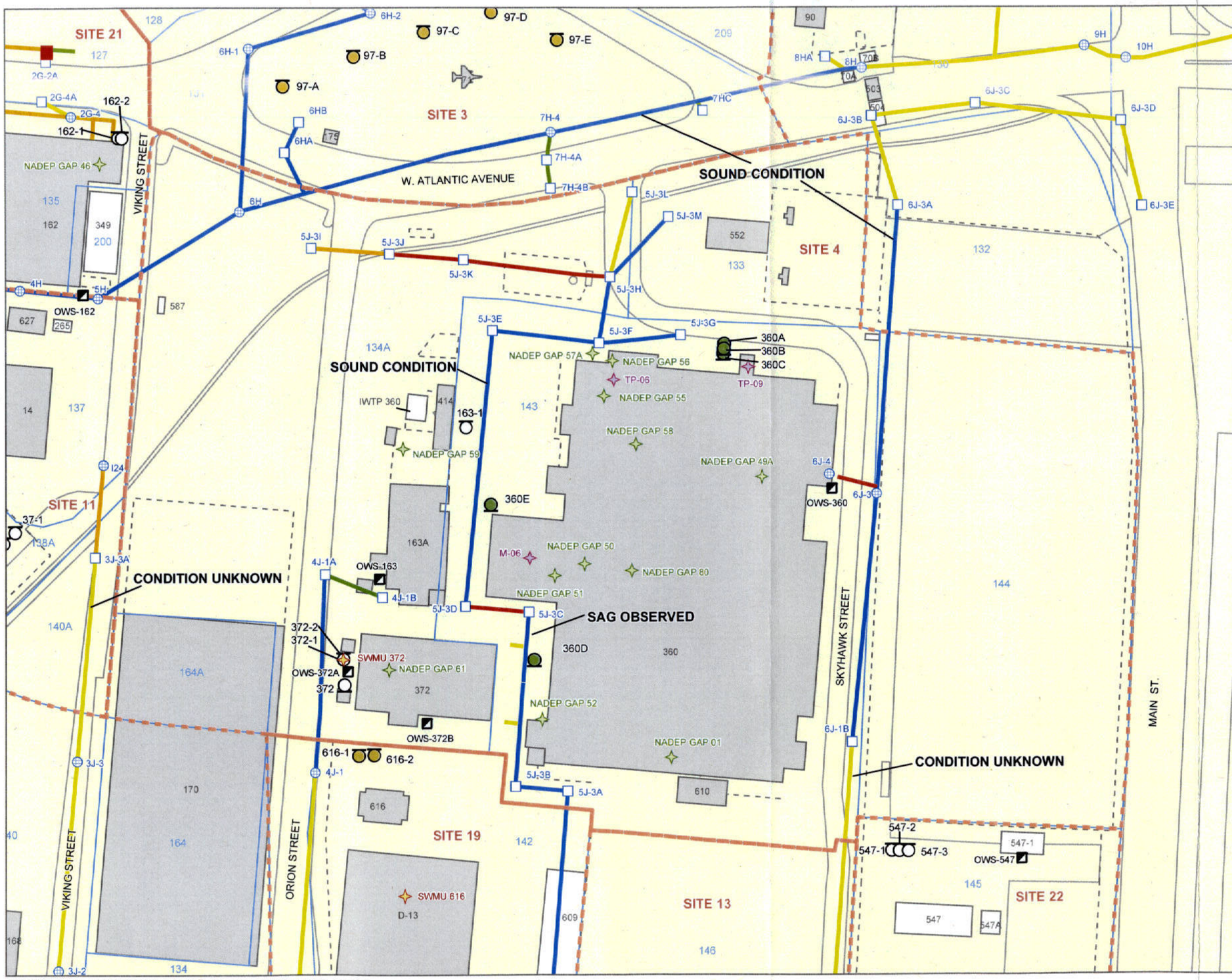

ABOVEGROUND STORAGE TANK (AST)
- Present
- Removed

UNDERGROUND STORAGE TANK (UST)
- Present
- Removed

- GENERATOR ACCUMULATION POINT (GAP)
- SOLID WASTE MANAGEMENT UNIT (SWMU)
- RCRA UNIT
- CATCH BASIN
- MANHOLE
- OIL WATER SEPARATOR (OWS)
- FENCE

STORM SEWER CONDITION
- No Data
- Above Groundwater Table
- Likely Above Groundwater Table
- Below Groundwater Table
- Likely Below Groundwater Table
- significant infiltration observed in storm sewers
- CERCLA SITE BOUNDARY
- ENVIRONMENTAL BASELINE SURVEY (EBS) PARCEL BOUNDARY AND NUMBER
- LAND COVER

BUILDING
- Present
- Removed

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
GAP = Generator accumulation point
IWTP = Industrial Waste Treatment Plant
NADEP = Naval Aviation Depot Alameda
NAS = Naval Air Station
RCRA = Resource Conwservation and Recovery Act
SWMU = Solid Waste Management Unit
TP = Tiered Permit
Buildings 107, 201-223, 226, 227, 230-232, 236, 237, 240-250, 360A through D, OWS 414 and associated washdown area could not be located and are not included on this figure.

60 0 60 120 Feet

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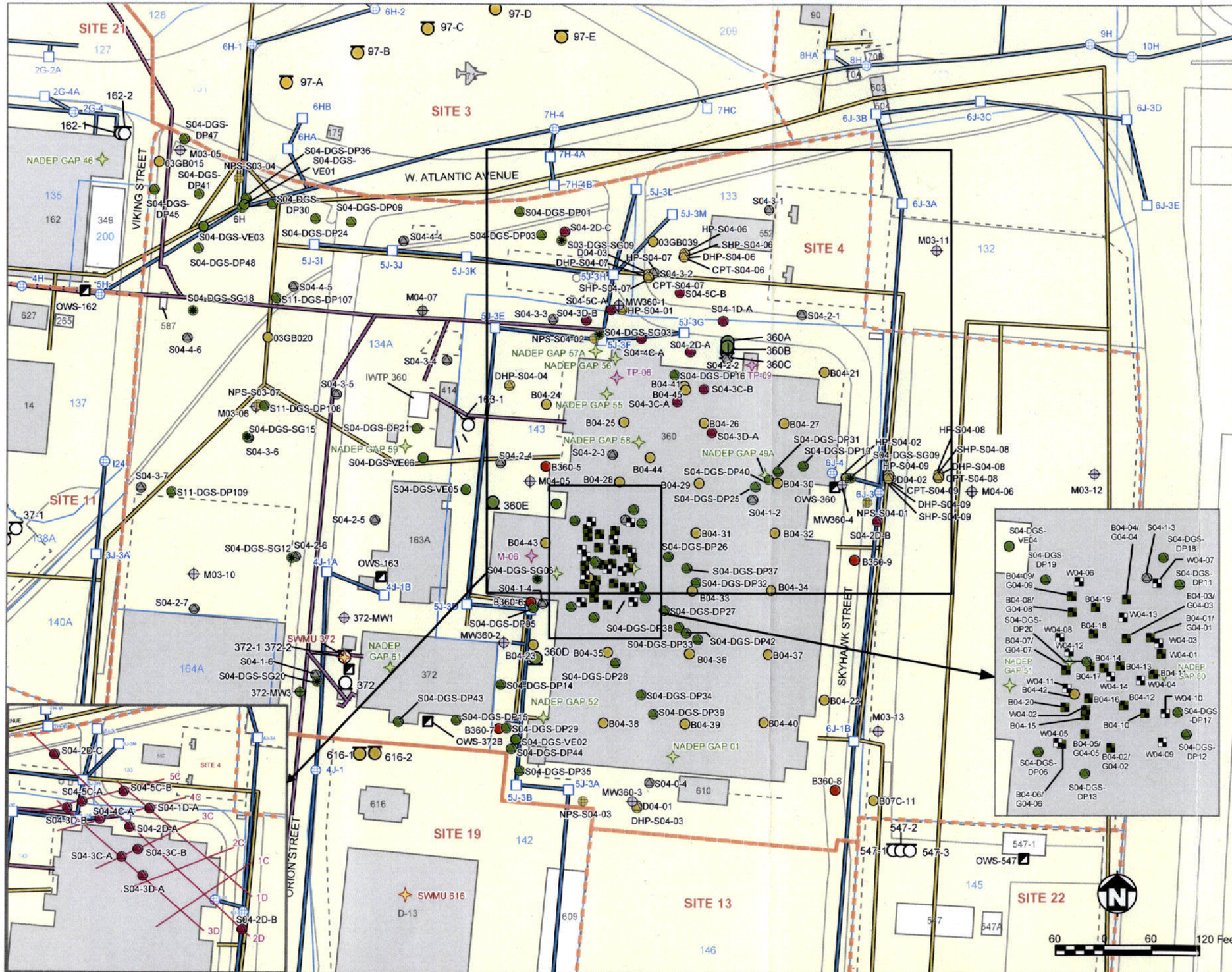
FIGURE 6-2
CONDITION OF STORM SEWERS AT SITE 4

Operable Unit 2B
Remedial Investigation Report

03/18/2005 U:\almda_sa\do030\OU2B_RI\mxd\fig06-02_s04_sewer_cond.mxd TtEMI-SA T. Munley



SAMPLING LOCATION
- Direct-Push
- Excavation
- Manhole Storm Drain
- Monitoring Well
- Piezometer
- Soil Boring
- Soil Gas
- Surface Location

SAMPLING INVESTIGATION
- Phase 1 & 2A, 1991
- Phase 2B & 3, 1991
- Additional Work at Sites 4 and 5, 1992
- Follow-on Investigation, 1994
- Geochemical Profiling, 1997
- Follow-on Investigation, 1998
- Supplemental RI Data Gap Sampling, 2001
- Basewide Groundwater Monitoring, 2002

ABOVEGROUND STORAGE TANK (AST)
- Present
- Removed

UNDERGROUND STORAGE TANK (UST)
- Present
- Removed
- GENERATOR ACCUMULATION POINT (GAP)
- SOLID WASTE MANAGEMENT UNIT (SWMU)
- RCRA UNIT
- CATCH BASIN
- MANHOLE
- OIL WATER SEPARATOR (OWS)
- FENCE
- INDUSTRIAL WASTE LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- CERCLA SITE BOUNDARY
- ENVIRONMENTAL BASELINE SURVEY (EBS) PARCEL BOUNDARY AND NUMBER
- LAND COVER

BUILDING
- Present
- Removed

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
GAP = Generator accumulation point
IWTP = Industrial Waste Treatment Plant
NADEP = Naval Aviation Depot Alameda
NAS = Naval Air Station
RCRA = Resource Conservation and Recovery Act
SWMU = Solid Waste Management Unit
TP = Tiered Permit
Buildings 107, 201-223, 226, 227, 230-232, 236, 237, 240-260, 360A through D. OWS 414 and associated washdown area could not be located and are not included on this figure.

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FIGURE 6-3
SITE 4 SAMPLING LOCATIONS FOR THE CERCLA INVESTIGATIONS

Operable Unit 2B
Remedial Investigation Report

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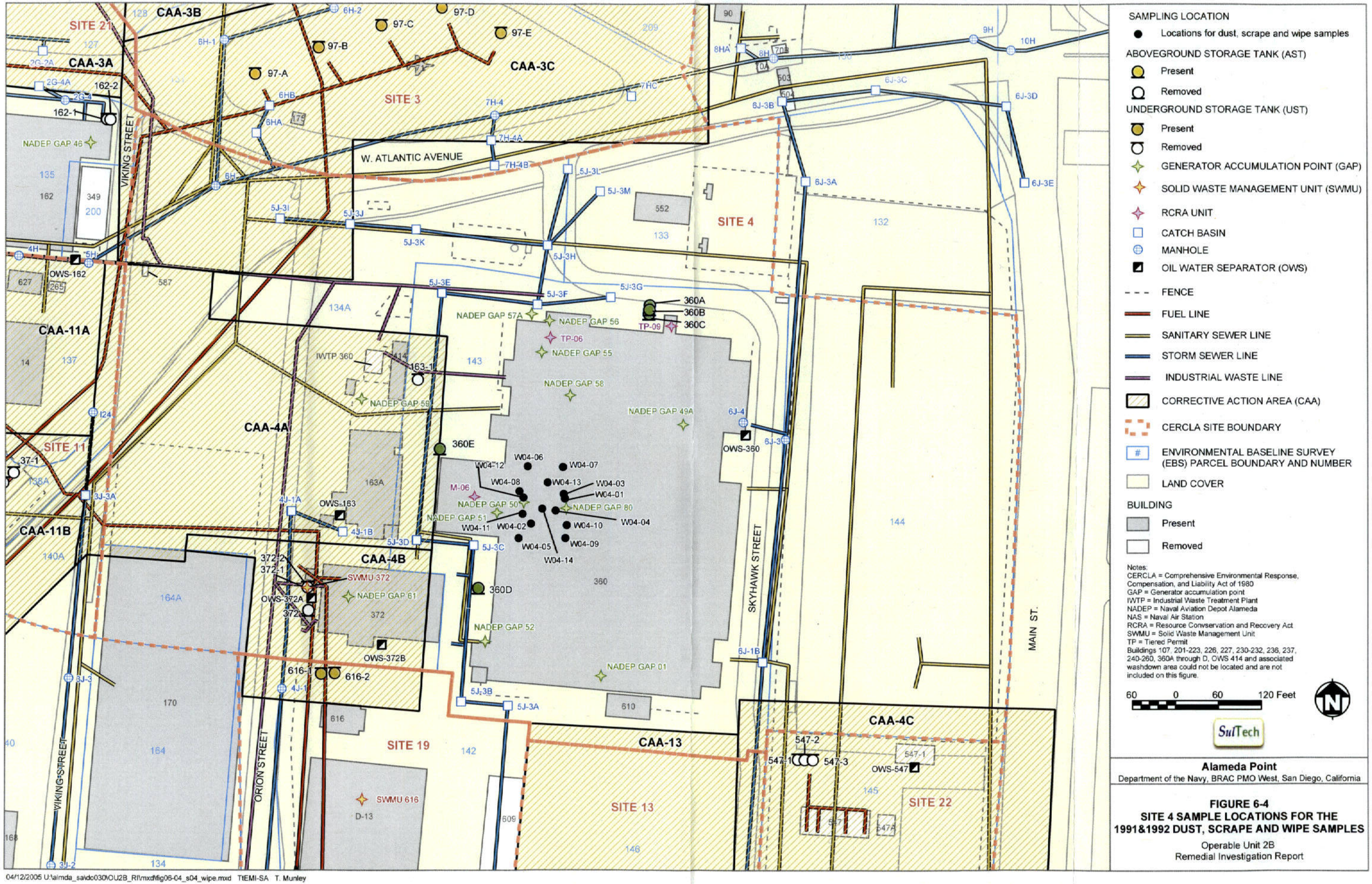

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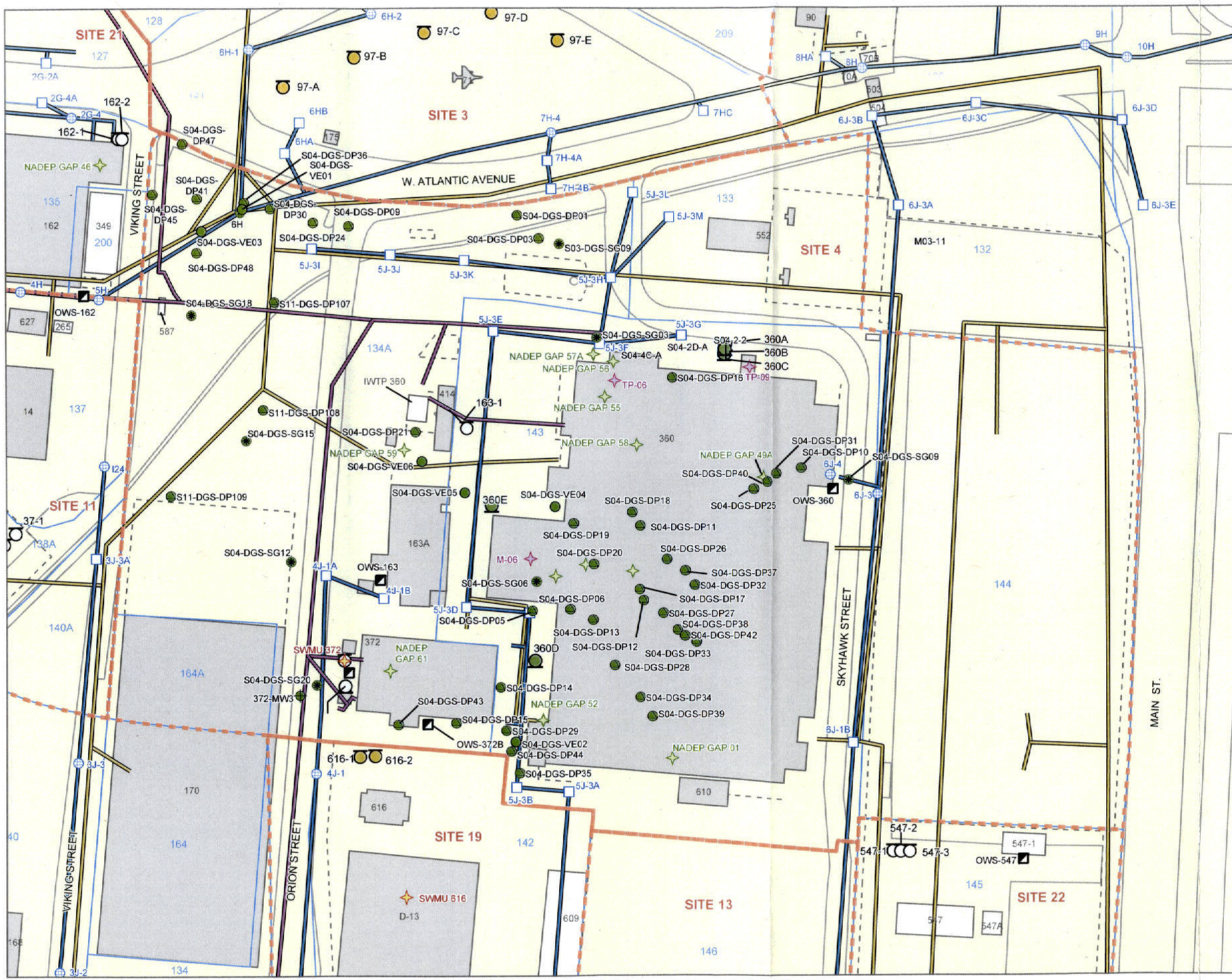
FIGURE 6-4
SITE 4 SAMPLE LOCATIONS FOR THE 1991&1992 DUST, SCRAPE AND WIPE SAMPLES

Operable Unit 2B
Remedial Investigation Report

04/12/2005 U:\almda_sa\dc030\OU2B_RI\mxd\fig06-04_s04_wipe.mxd TtEMI-SA T. Munley



SAMPLING LOCATION
- Direct-Push
- Excavation
- Manhole Storm Drain
- Monitoring Well
- Piezometer
- Soil Boring
- Soil Gas
- Surface Location

SAMPLING INVESTIGATION
- Supplemental RI Data Gap Sampling, 2001

ABOVEGROUND STORAGE TANK (AST)
- Present
- Removed

UNDERGROUND STORAGE TANK (UST)
- Present
- Removed
- GENERATOR ACCUMULATION POINT (GAP)
- SOLID WASTE MANAGEMENT UNIT (SWMU)
- RCRA UNIT
- CATCH BASIN
- MANHOLE
- OIL WATER SEPARATOR (OWS)
- FENCE
- INDUSTRIAL WASTE LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- CERCLA SITE BOUNDARY
- ENVIRONMENTAL BASELINE SURVEY (EBS) PARCEL BOUNDARY AND NUMBER
- LAND COVER

BUILDING
- Present
- Removed

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
GAP = Generator accumulation point
IWTP = Industrial Waste Treatment Plant
NADEP = Naval Aviation Depot Alameda
NAS = Naval Air Station
RCRA = Resource Conservation and Recovery Act
SWMU = Solid Waste Management Unit
TP = Tiered Permit
Buildings 107, 201-223, 226, 227, 230-232, 236, 237, 240-260, 360A through D, OWS 414 and associated washdown area could not be located and are not included on this figure.

60 0 60 120 Feet

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FIGURE 6-5
SITE 4 SAMPLING LOCATIONS FOR THE DATA GAP SAMPLING INVESTIGATIONS

Operable Unit 2B
Remedial Investigation Report

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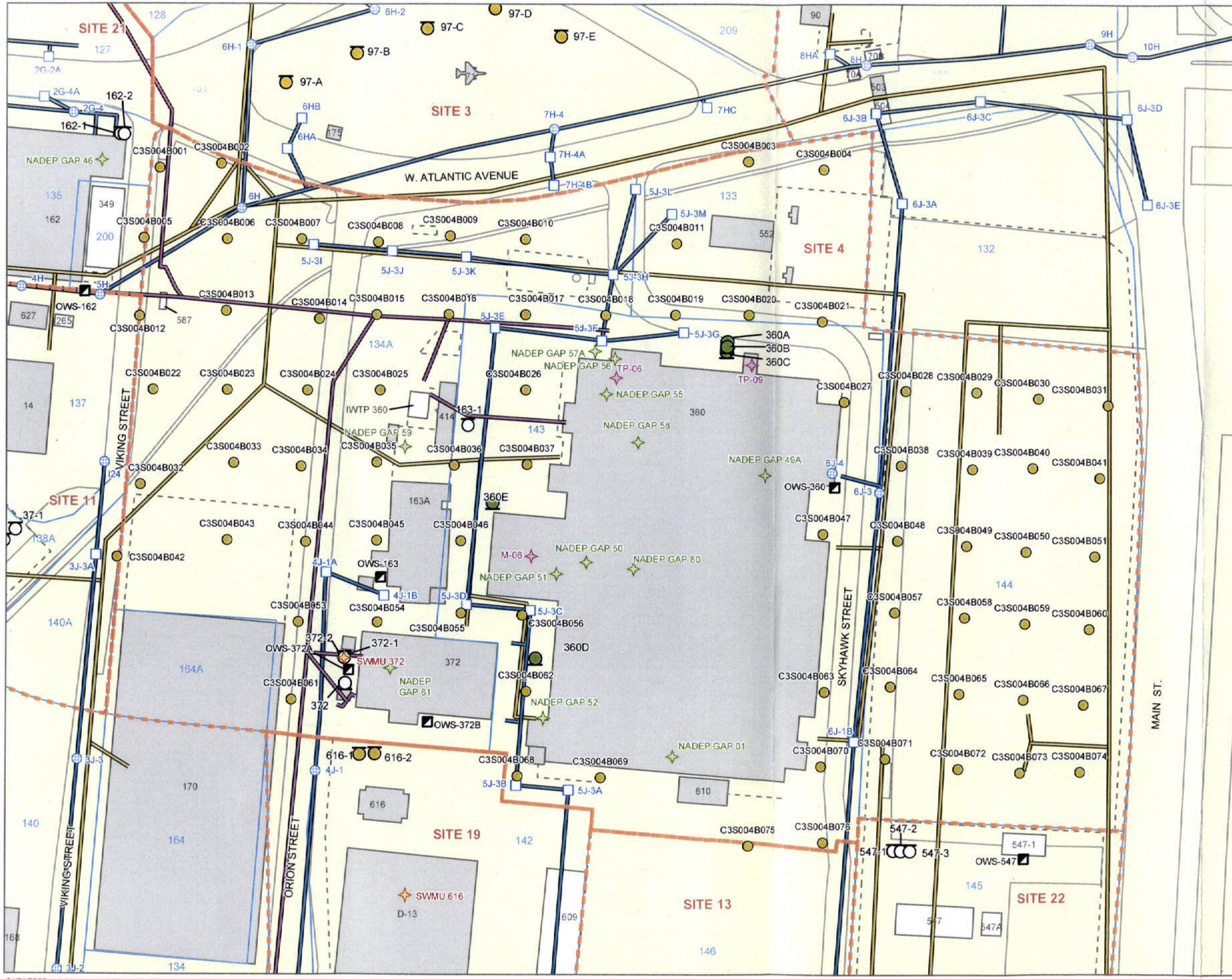

SAMPLING LOCATION

- Soil Boring

ABOVEGROUND STORAGE TANK (AST)

- Present
- Removed

UNDERGROUND STORAGE TANK (UST)

- Present
- Removed
- RCRA UNIT
- GENERATOR ACCUMULATION POINT (GAP)
- SOLID WASTE MANAGEMENT UNIT (SWMU)
- CATCH BASIN
- MANHOLE
- OIL WATER SEPARATOR (OWS)
- FENCE
- INDUSTRIAL WASTE LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- CERCLA SITE BOUNDARY
- ENVIRONMENTAL BASELINE SURVEY (EBS) PARCEL BOUNDARY AND NUMBER
- LAND COVER

BUILDING

- Present
- Removed

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
GAP = Generator accumulation point
IWTP = Industrial Waste Treatment Plant
NADEP = Naval Aviation Depot Alameda
NAS = Naval Air Station
PAH = Polynuclear Aromatic Hydrocarbon
RCRA = Resource Conservation and Recovery Act
SWMU = Solid Waste Management Unit
TP = Tiered Permit
Buildings 107, 201-223, 226, 227, 230-232, 236, 237, 240-250, 360A through D. OWS 414 and associated washdown area could not be located and are not included on this figure.

60 0 60 120 Feet

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FIGURE 6-6
SITE 4 SOIL SAMPLING LOCATIONS FOR THE PAH INVESTIGATION

Operable Unit 2B
Remedial Investigation Report

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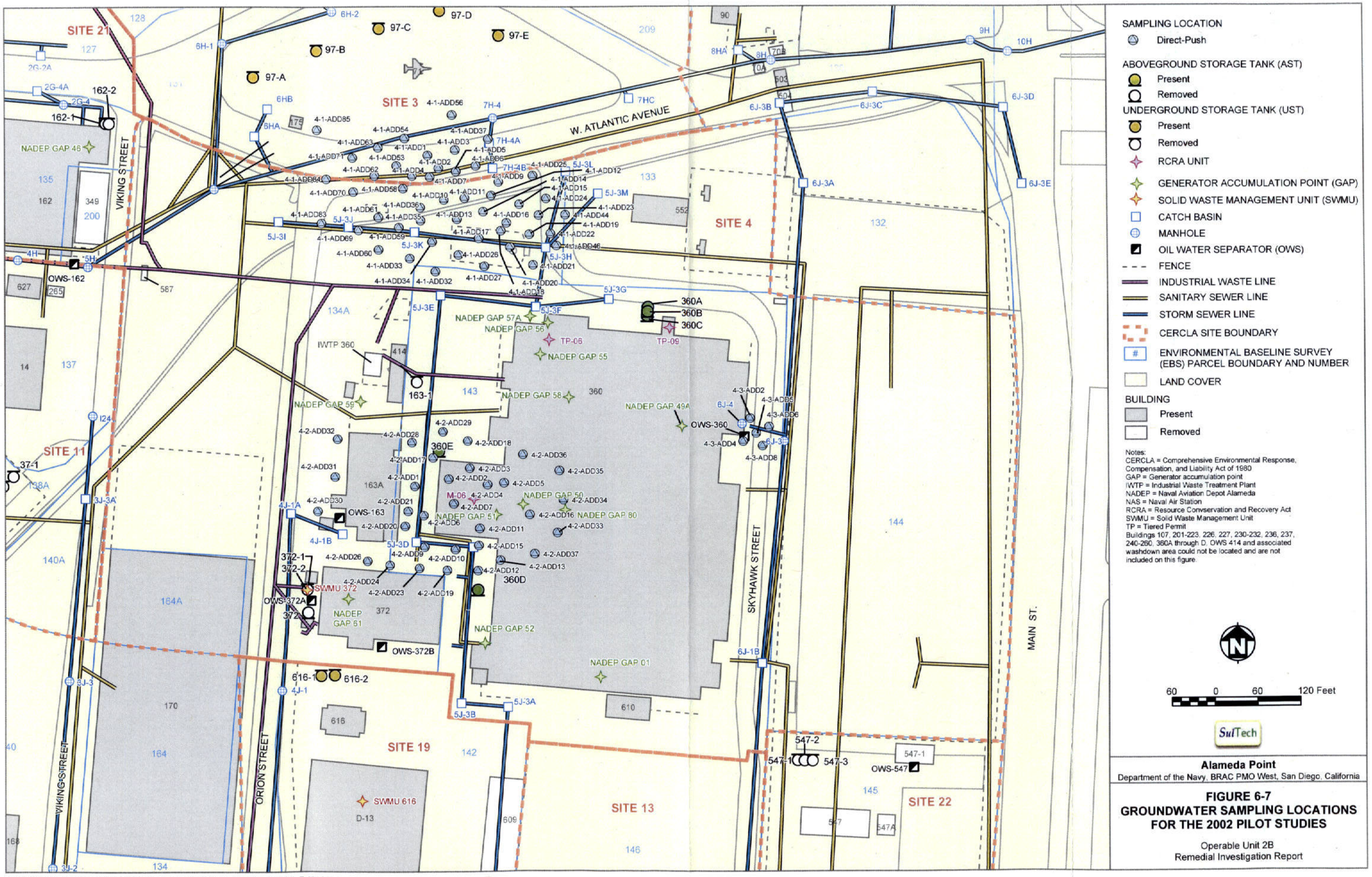

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FIGURE 6-7
GROUNDWATER SAMPLING LOCATIONS FOR THE 2002 PILOT STUDIES

Operable Unit 2B
Remedial Investigation Report

04/01/2005 U:\almda_sa\do030\OU2B_RI\mxd\fig06-7_s04_pilot2002_gw.mxd TtEMI-SA T. Munley

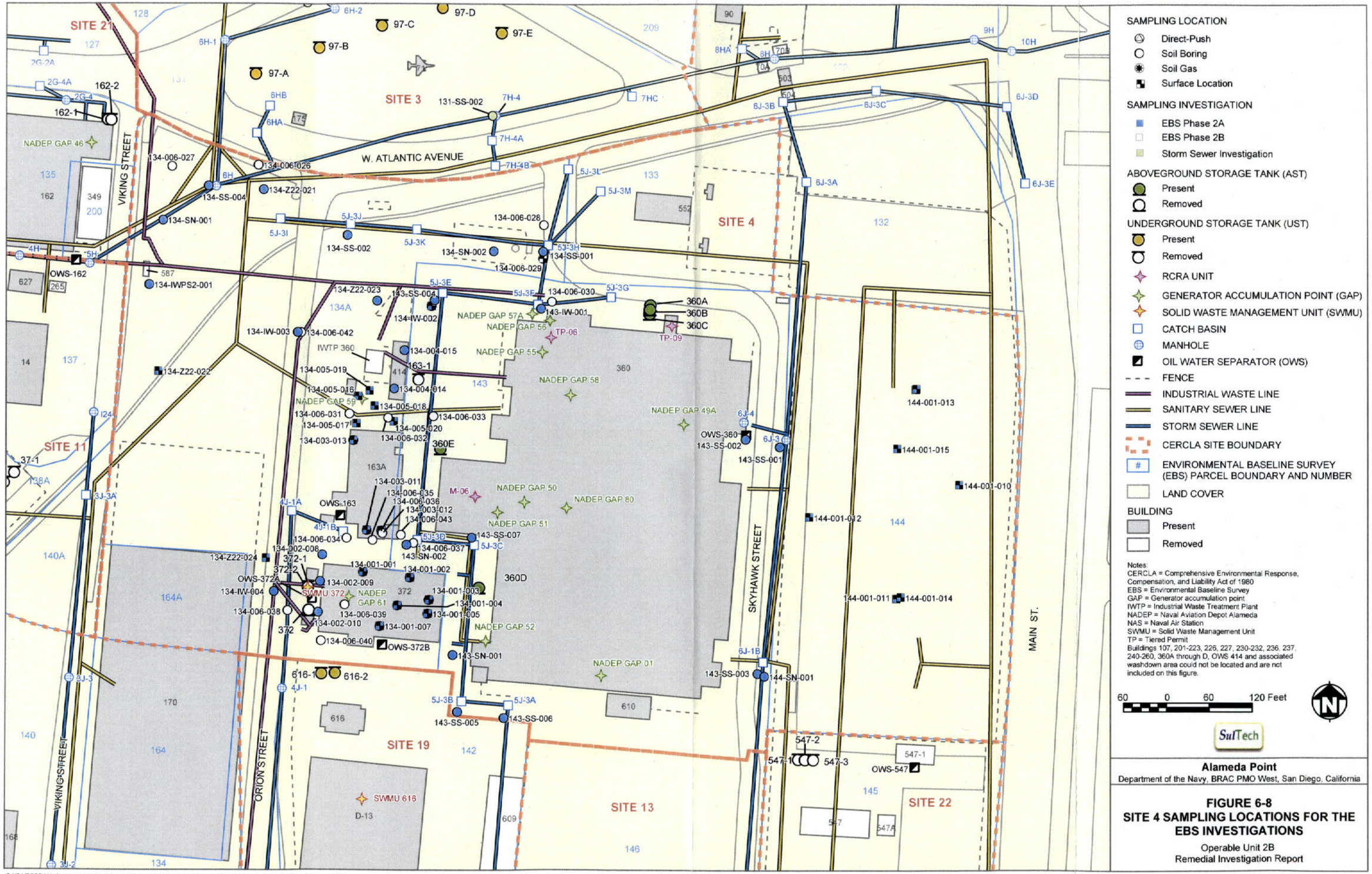

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FIGURE 6-8
SITE 4 SAMPLING LOCATIONS FOR THE EBS INVESTIGATIONS

Operable Unit 2B
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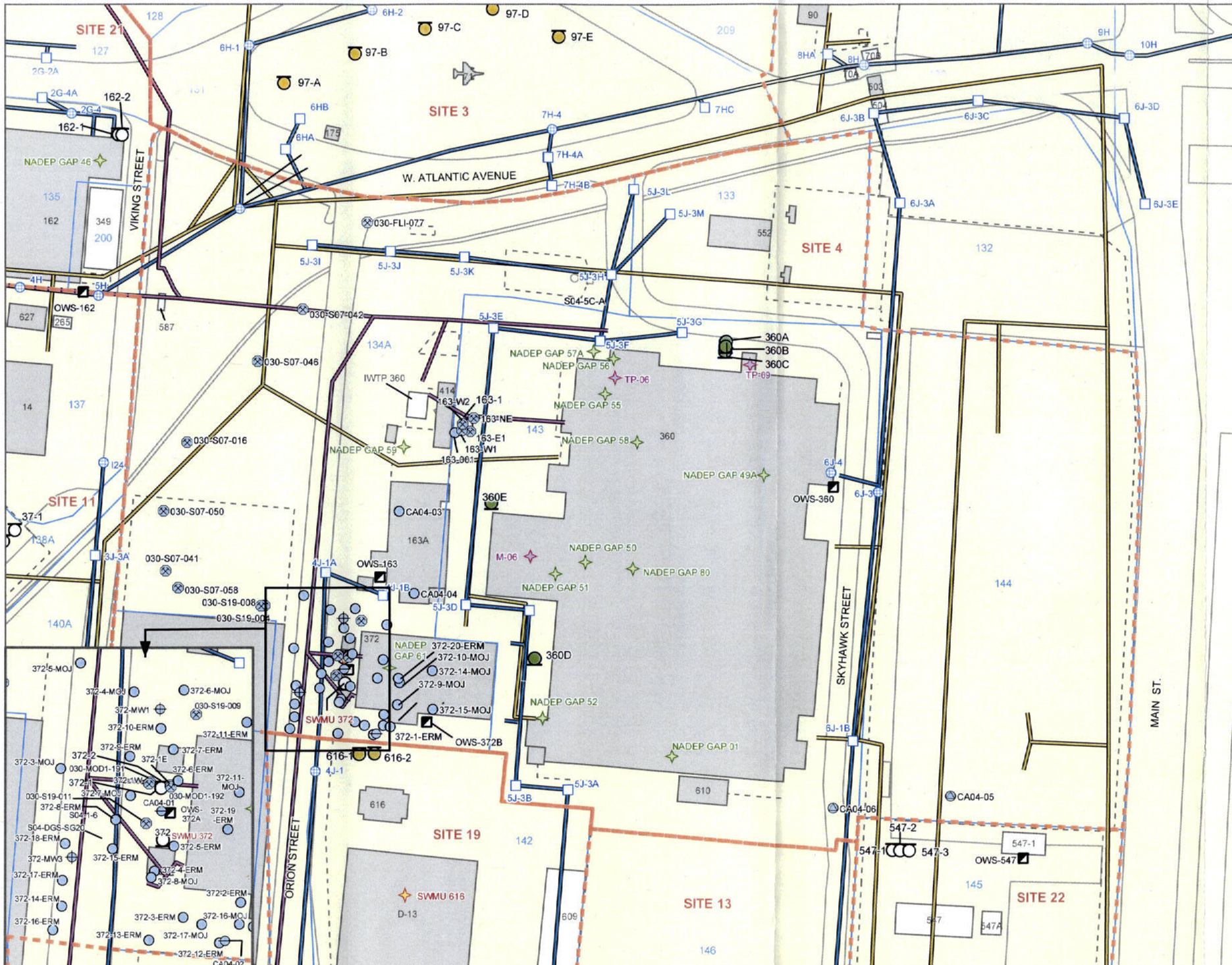

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FIGURE 6-9
SITE 4 SAMPLING LOCATIONS FOR THE TPH INVESTIGATION

Operable Unit 2B
Remedial Investigation Report

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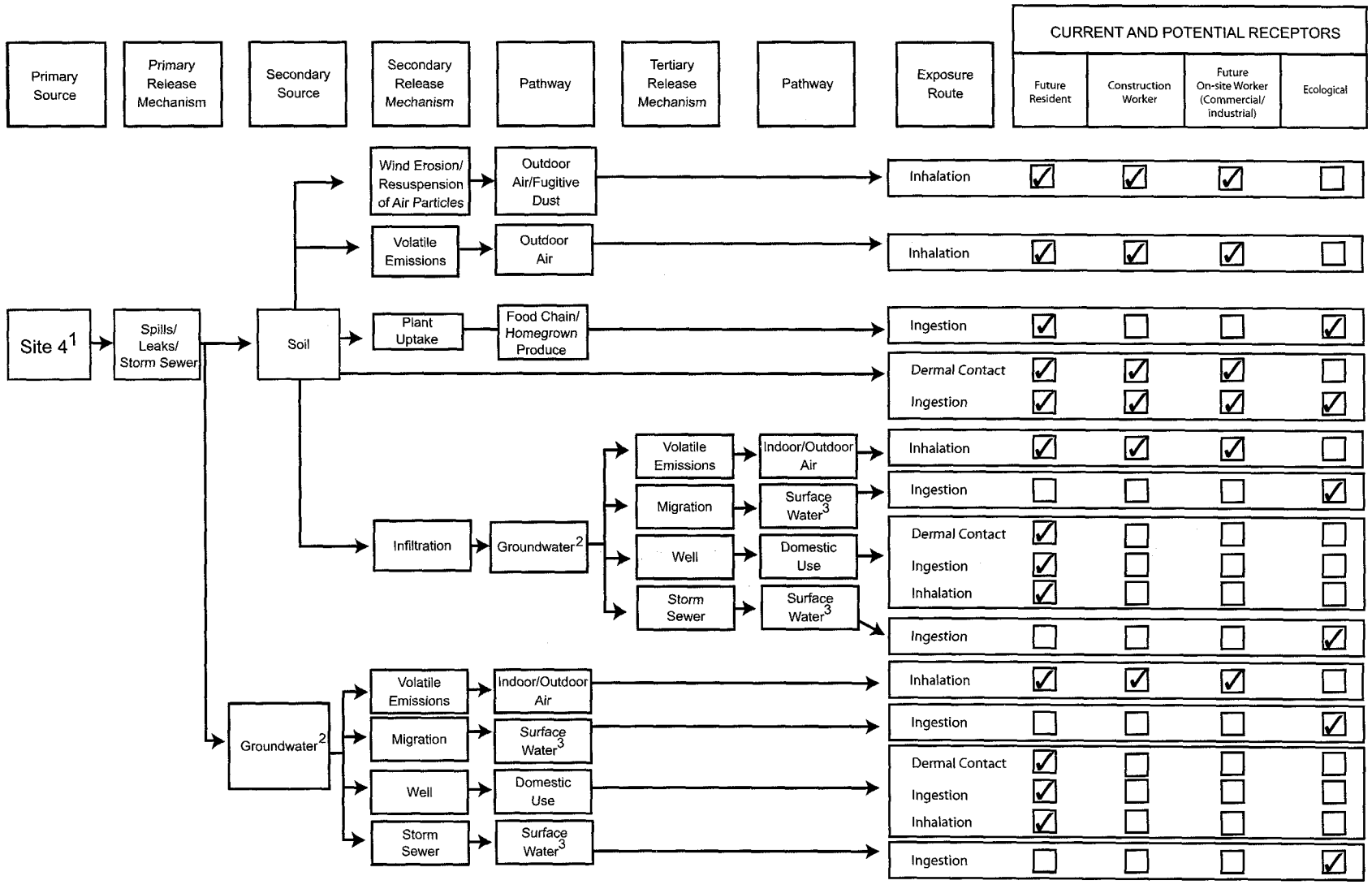

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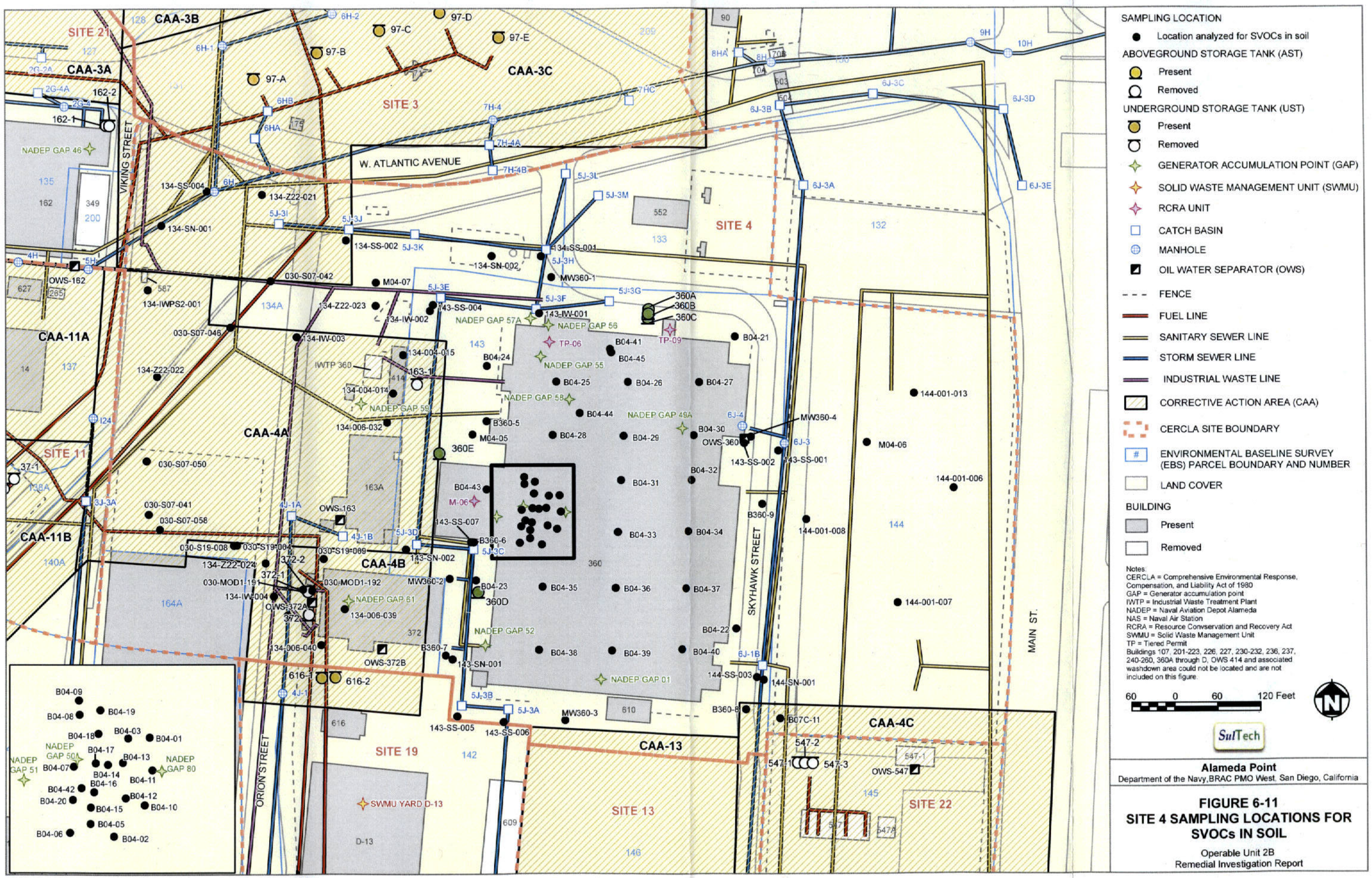
FIGURE 6-10
SITE 4 CONCEPTUAL SITE MODEL
Operable Unit 2B
Remedial Investigation Report

[1] Buildings 163A, 360, 372, and 414; OWS-163, -360, -372A, -372B, and -414; ASTs 360A through E and 372; UST 163 and 372-2; and associated fuel lines
[2] OU-wide plume
[3] Seaplane Lagoon

✓ Potentially complete pathway, exposure quantified



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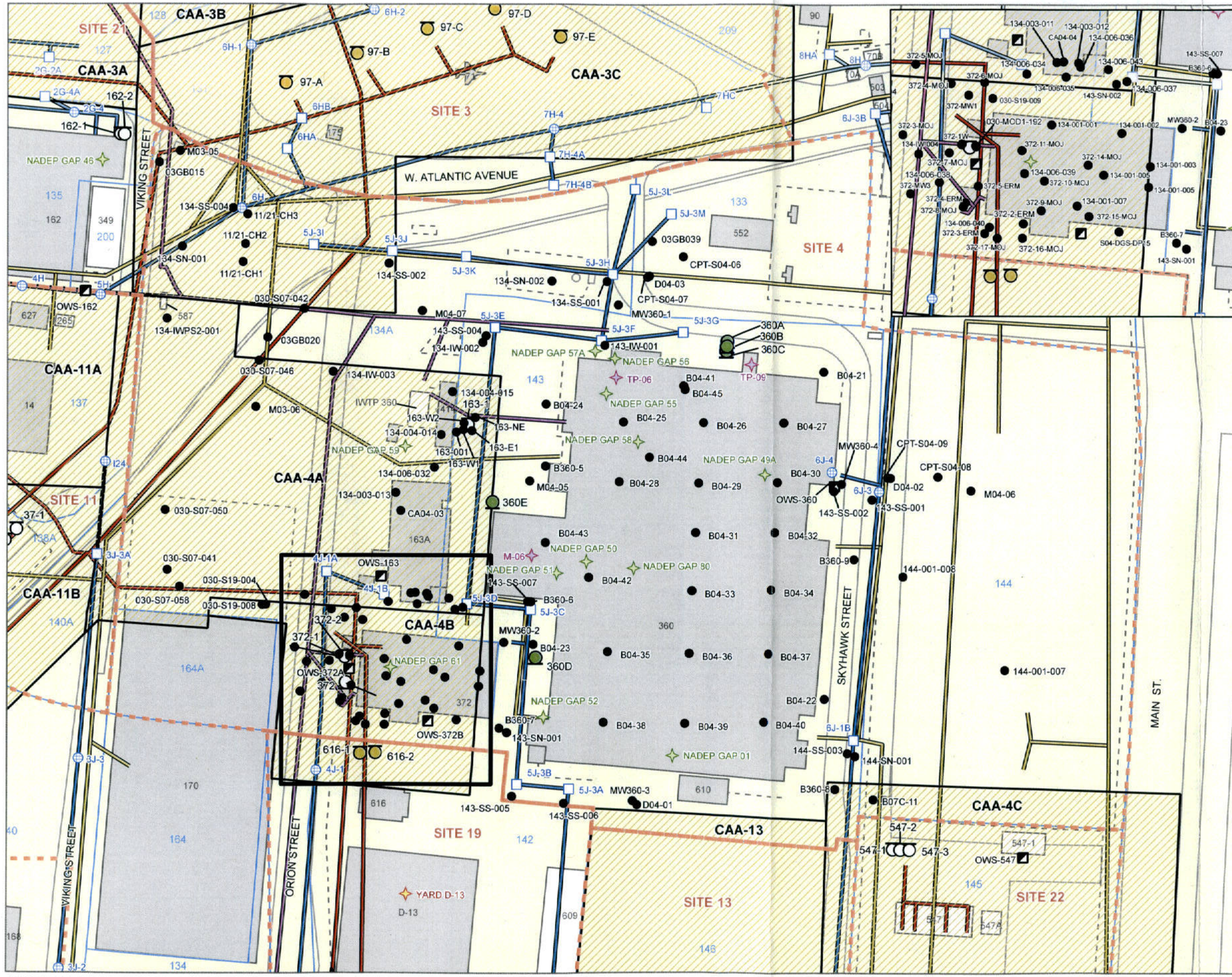

SAMPLING LOCATION

- Location analyzed for VOCs in soil

ABOVEGROUND STORAGE TANK (AST)

- Present
- Removed

UNDERGROUND STORAGE TANK (UST)

- Present
- Removed
- GENERATOR ACCUMULATION POINT (GAP)
- SOLID WASTE MANAGEMENT UNIT (SWMU)
- RCRA UNIT
- CATCH BASIN
- MANHOLE
- OIL WATER SEPARATOR (OWS)
- FENCE
- FUEL LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- INDUSTRIAL WASTE LINE
- CORRECTIVE ACTION AREA (CAA)
- CERCLA SITE BOUNDARY
- ENVIRONMENTAL BASELINE SURVEY (EBS) PARCEL BOUNDARY AND NUMBER
- LAND COVER

BUILDING

- Present
- Removed

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
GAP = Generator accumulation point
IWTP = Industrial Waste Treatment Plant
NADEP = Naval Aviation Depot Alameda
NAS = Naval Air Station
RCRA = Resource Conservation and Recovery Act
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TP = Tiered Permit
Buildings 107, 201-223, 226, 227, 230-232, 236, 237, 240-260, 360A through D, OWS 414 and associated washdown area could not be located and are not included on this figure.

60 0 60 120 Feet

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FIGURE 6-12
SITE 4 SAMPLING LOCATIONS FOR VOCs IN SOIL

Operable Unit 2B
Remedial Investigation Report

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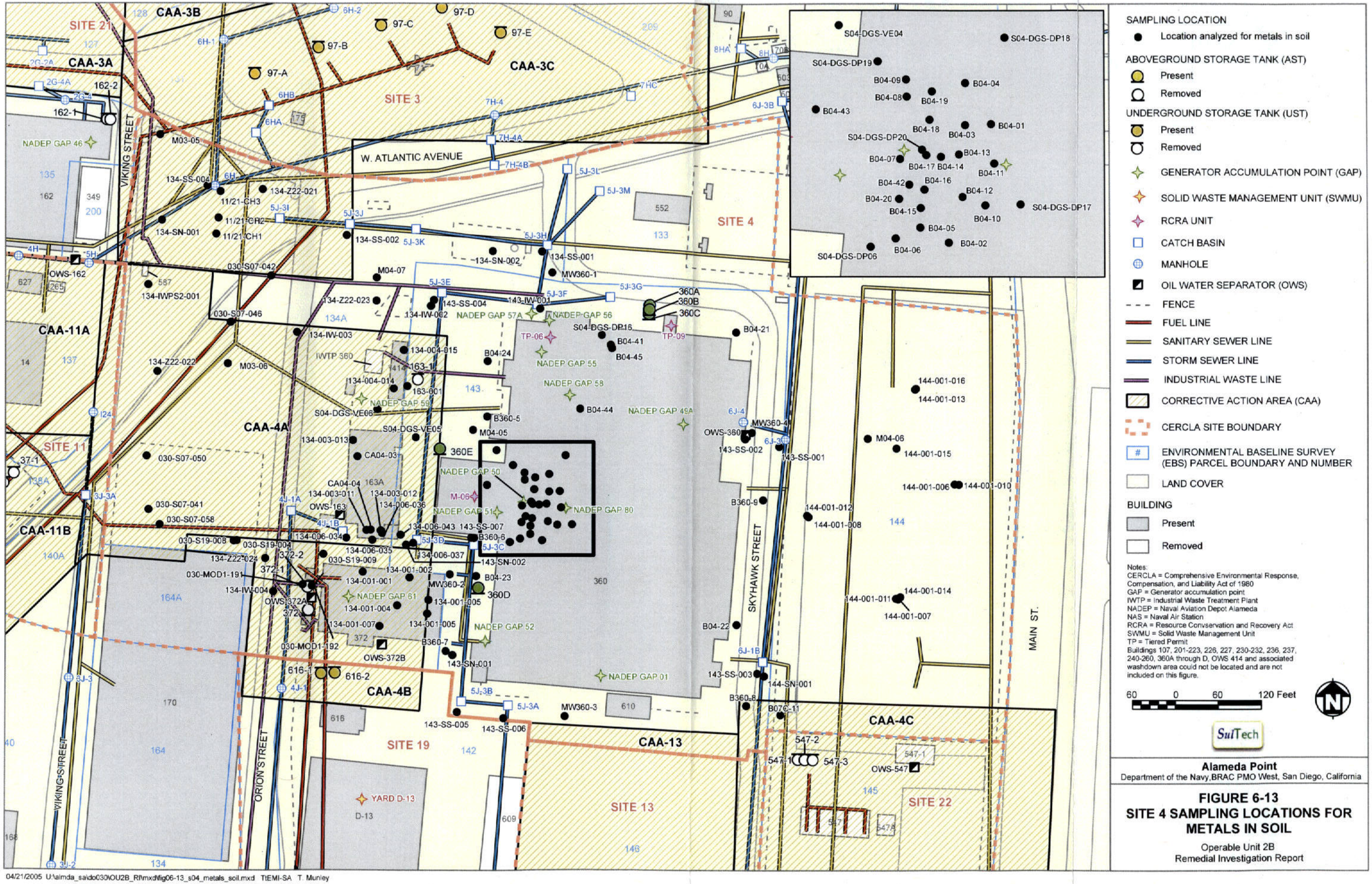
SAMPLING LOCATION
Location analyzed for metals in soil
ABOVEGROUND STORAGE TANK (AST)
Present
Removed
UNDERGROUND STORAGE TANK (UST)
Present
Removed
GENERATOR ACCUMULATION POINT (GAP)
SOLID WASTE MANAGEMENT UNIT (SWMU)
RCRA UNIT
CATCH BASIN
MANHOLE
OIL WATER SEPARATOR (OWS)
FENCE
FUEL LINE
SANITARY SEWER LINE
STORM SEWER LINE
INDUSTRIAL WASTE LINE
CORRECTIVE ACTION AREA (CAA)
CERCLA SITE BOUNDARY
ENVIRONMENTAL BASELINE SURVEY (EBS) PARCEL BOUNDARY AND NUMBER
LAND COVER
BUILDING
Present
Removed
Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
GAP = Generator accumulation point
IWTP = Industrial Waste Treatment Plant
NADEP = Naval Aviation Depot Alameda
NAS = Naval Air Station
RCRA = Resource Convservation and Recovery Act
SWMU = Solid Waste Management Unit
TP = Tiered Permit
Buildings 107, 201-223, 226, 227, 230-232, 236, 237, 240-260, 360A through D, OWS 414 and associated washdown area could not be located and are not included on this figure.
60 0 60 120 Feet
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FIGURE 6-13
SITE 4 SAMPLING LOCATIONS FOR METALS IN SOIL
Operable Unit 2B
Remedial Investigation Report
SITE 21
CAA-3B
CAA-3A
CAA-3C
SITE 3
SITE 4
W. ATLANTIC AVENUE
VIKING STREET
NADEP GAP 46
CAA-11A
CAA-11B
SITE 11
CAA-4A
CAA-4B
CAA-4C
CAA-13
SITE 19
SITE 13
SITE 22
ORION STREET
SKYHAWK STREET
MAIN ST.
YARD D-13
IWTP 360
NADEP GAP 57A
NADEP GAP 56
NADEP GAP 55
NADEP GAP 58
NADEP GAP 49A
NADEP GAP 50
NADEP GAP 51
NADEP GAP 80
NADEP GAP 61
NADEP GAP 52
NADEP GAP 01
NADEP GAP 59
S04-DGS-VE04
S04-DGS-DP18
S04-DGS-DP19
S04-DGS-DP20
S04-DGS-DP17
S04-DGS-DP06
S04-DGS-DP16
S04-DGS-VE06
S04-DGS-VE05
B04-09
B04-04
B04-08
B04-19
B04-43
B04-18
B04-03
B04-01
B04-07
B04-13
B04-17
B04-14
B04-11
B04-42
B04-16
B04-12
B04-20
B04-15
B04-10
B04-05
B04-02
B04-06
B04-41
B04-45
B04-21
B04-24
B04-44
B04-22
B04-23
B360-5
B360-6
B360-7
B360-8
B360-9
B07C-11
360A
360B
360C
360D
360E
TP-06
TP-09
M-06
M03-05
M03-06
M04-05
M04-06
M04-07
CA04-03
CA04-04
162-1
162-2
97-A
97-B
97-C
97-D
97-E
163-1
163-001
616-1
616-2
547-1
547-2
547-3
OWS-162
OWS-163
OWS-372A
OWS-372B
OWS-547
OWS-360
MW360-1
MW360-2
MW360-3
MW360-4
134-SS-004
134-SS-002
134-SS-001
134-SN-001
134-SN-002
134-IWPS2-001
134-Z22-021
134-Z22-022
134-Z22-023
134-Z22-024
134-IW-001
134-IW-002
134-IW-003
134-IW-004
143-SS-004
143-SS-007
143-SS-002
143-SS-001
143-SS-003
143-SS-005
143-SS-006
143-SN-001
143-SN-002
144-SN-001
144-001-016
144-001-013
144-001-015
144-001-006
144-001-010
144-001-012
144-001-008
144-001-011
144-001-014
144-001-007
030-S07-042
030-S07-046
030-S07-050
030-S07-041
030-S07-058
030-S19-008
030-S19-004
030-S19-009
030-MOD1-191
030-MOD1-192
134-004-015
134-004-014
134-003-013
134-003-011
134-003-012
134-006-036
134-006-043
134-006-034
134-006-035
134-006-037
134-001-002
134-001-001
134-001-004
134-001-005
134-001-007
11/21-CH3
11/21-CH2
11/21-CH1
372-1
372-2
372
163A
140A
164A
138A
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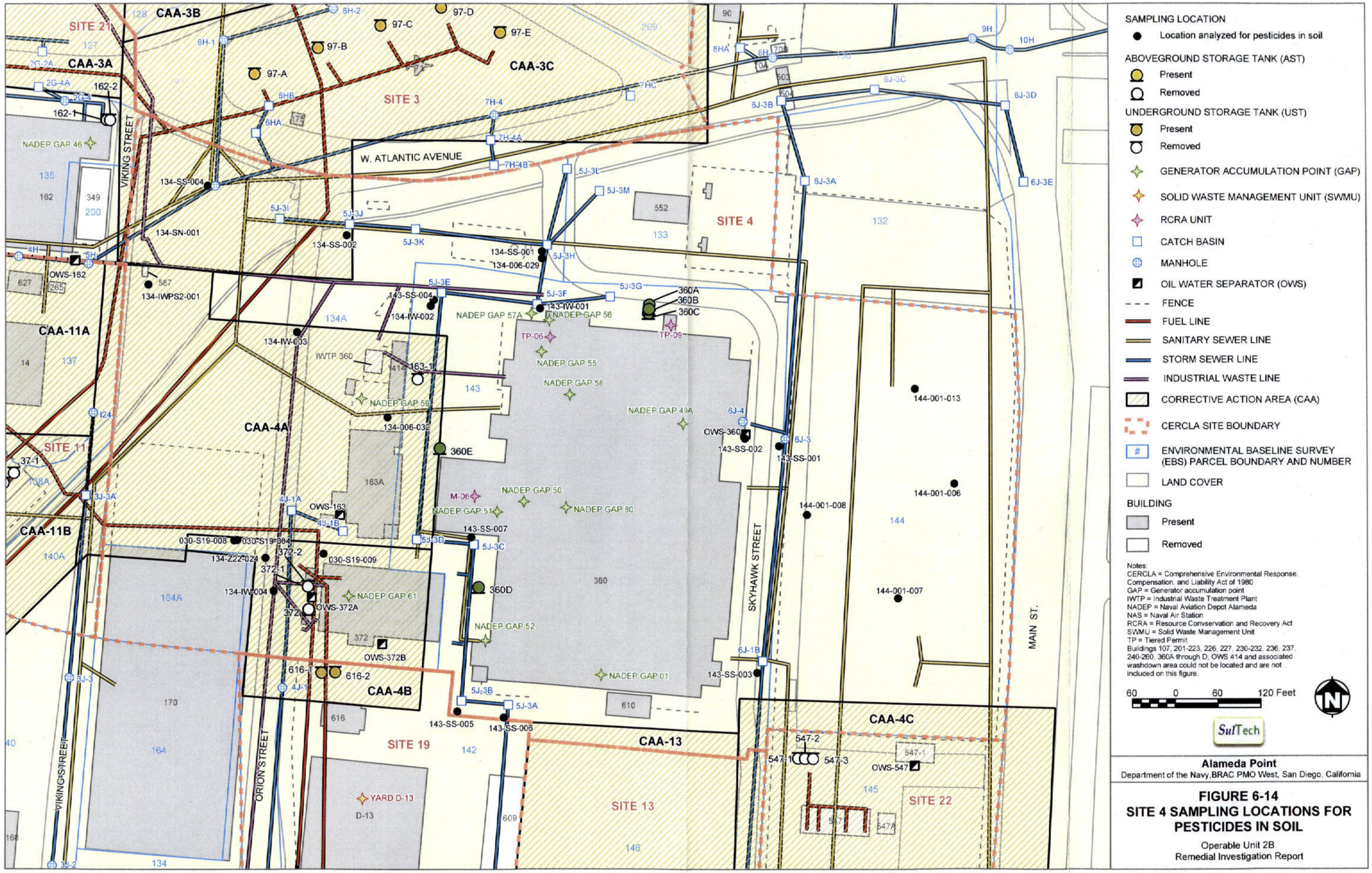

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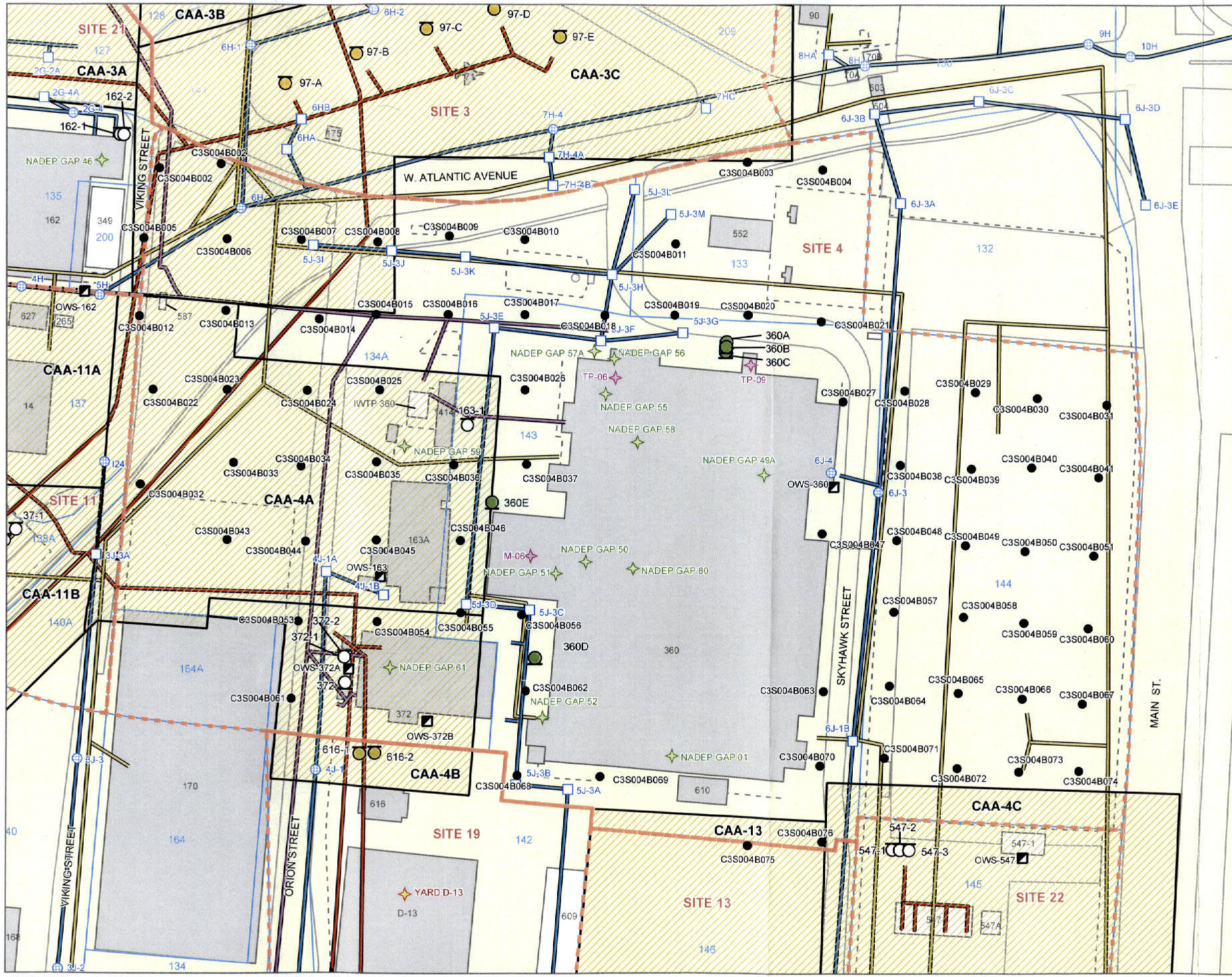

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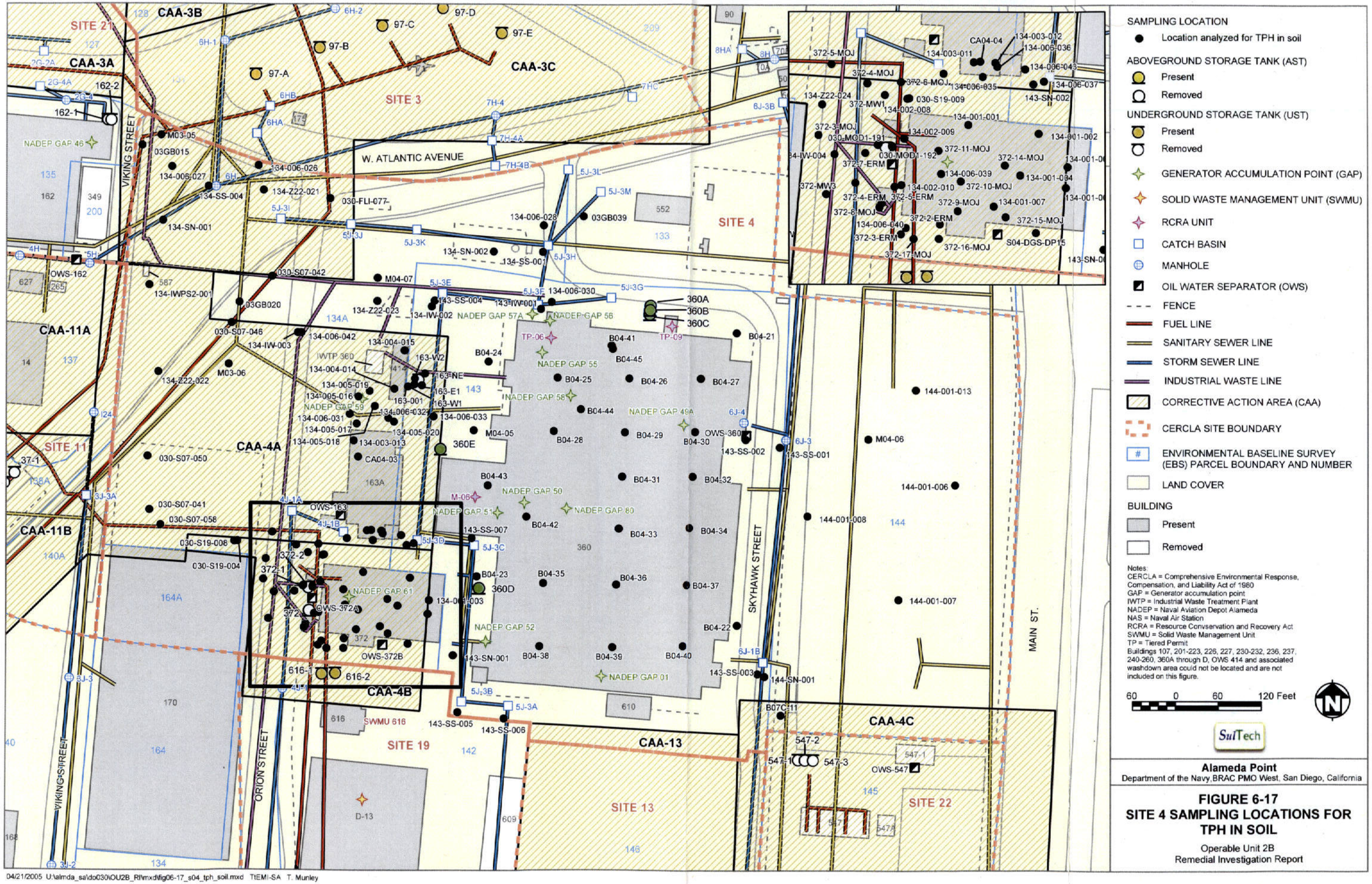
Department of the Navy,BRAC PMO West, San Diego, California

FIGURE 6-16
SITE 4 SAMPLING LOCATIONS FOR PAHs IN SOIL

Operable Unit 2B
Remedial Investigation Report

04/21/2005 U:\almda_sa\do030\OU2B_RI\mxd\fig06-16_s04_pah_soil.mxd TtEMI-SA T. Munley



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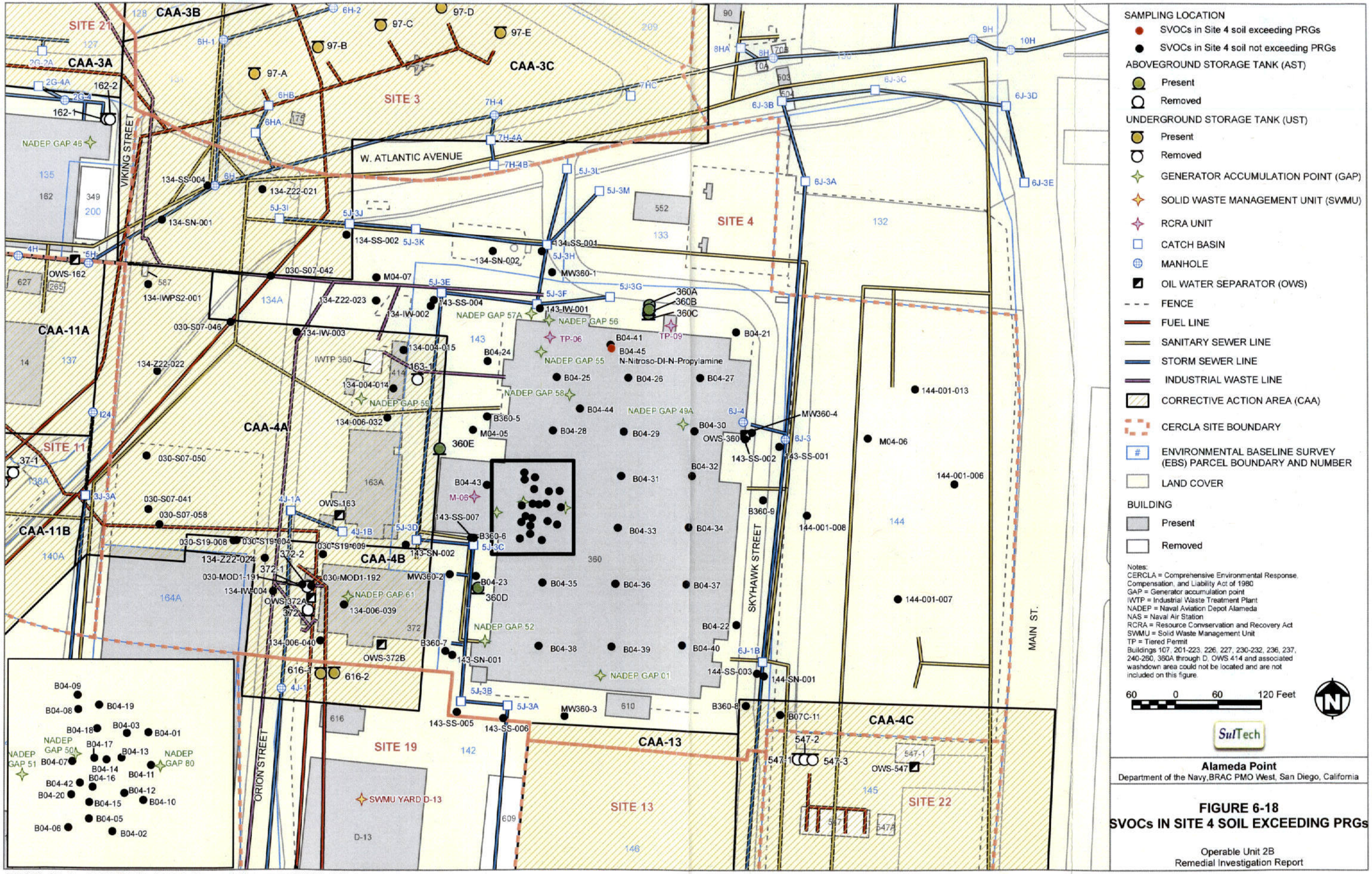
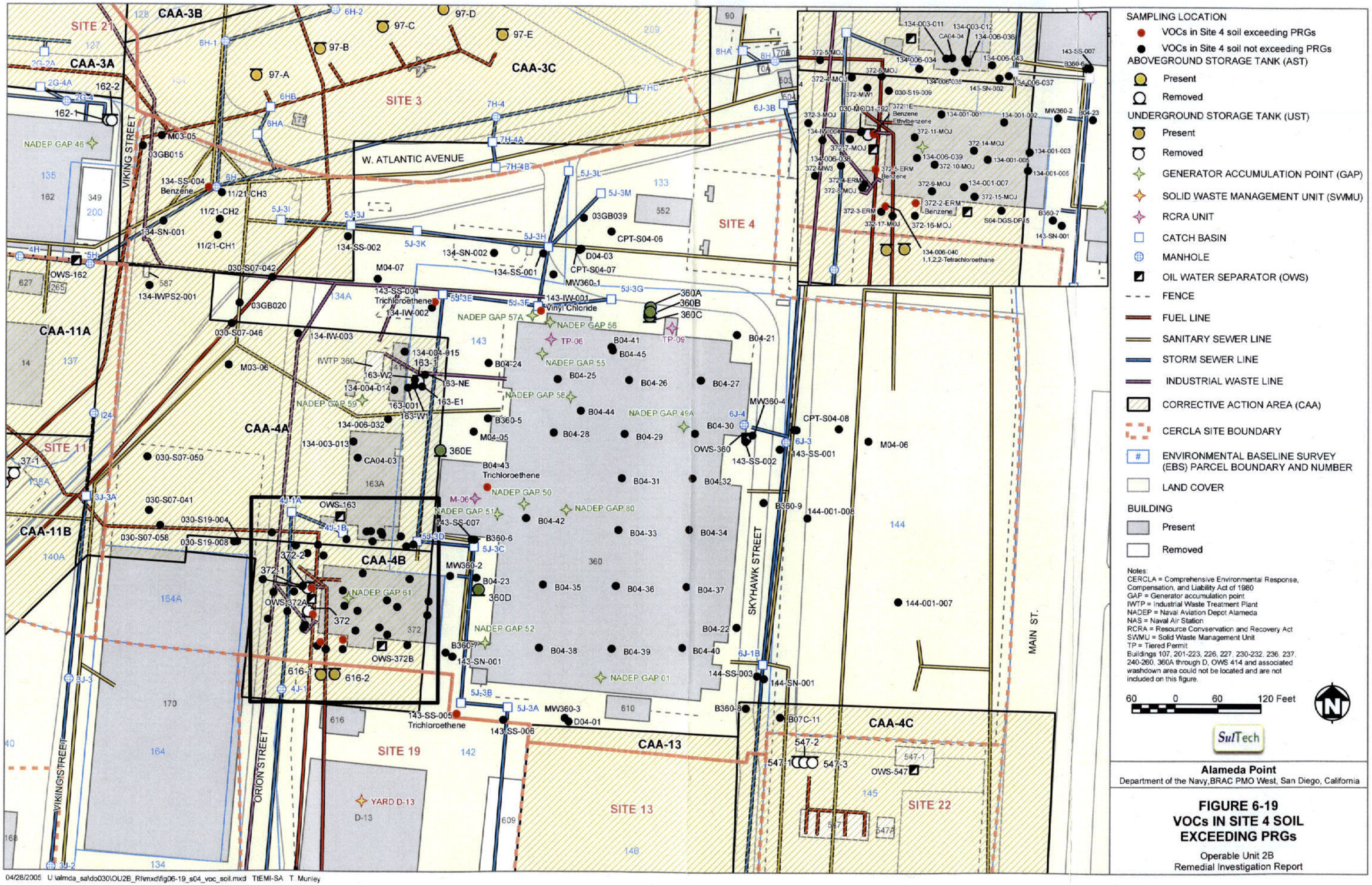


04/21/2005 U:\almda_sa\do030\OU2B_RI\mxd\fig06-18_s04_svoc_soil_above_prg.mxd TtEMI-SA T. Munley



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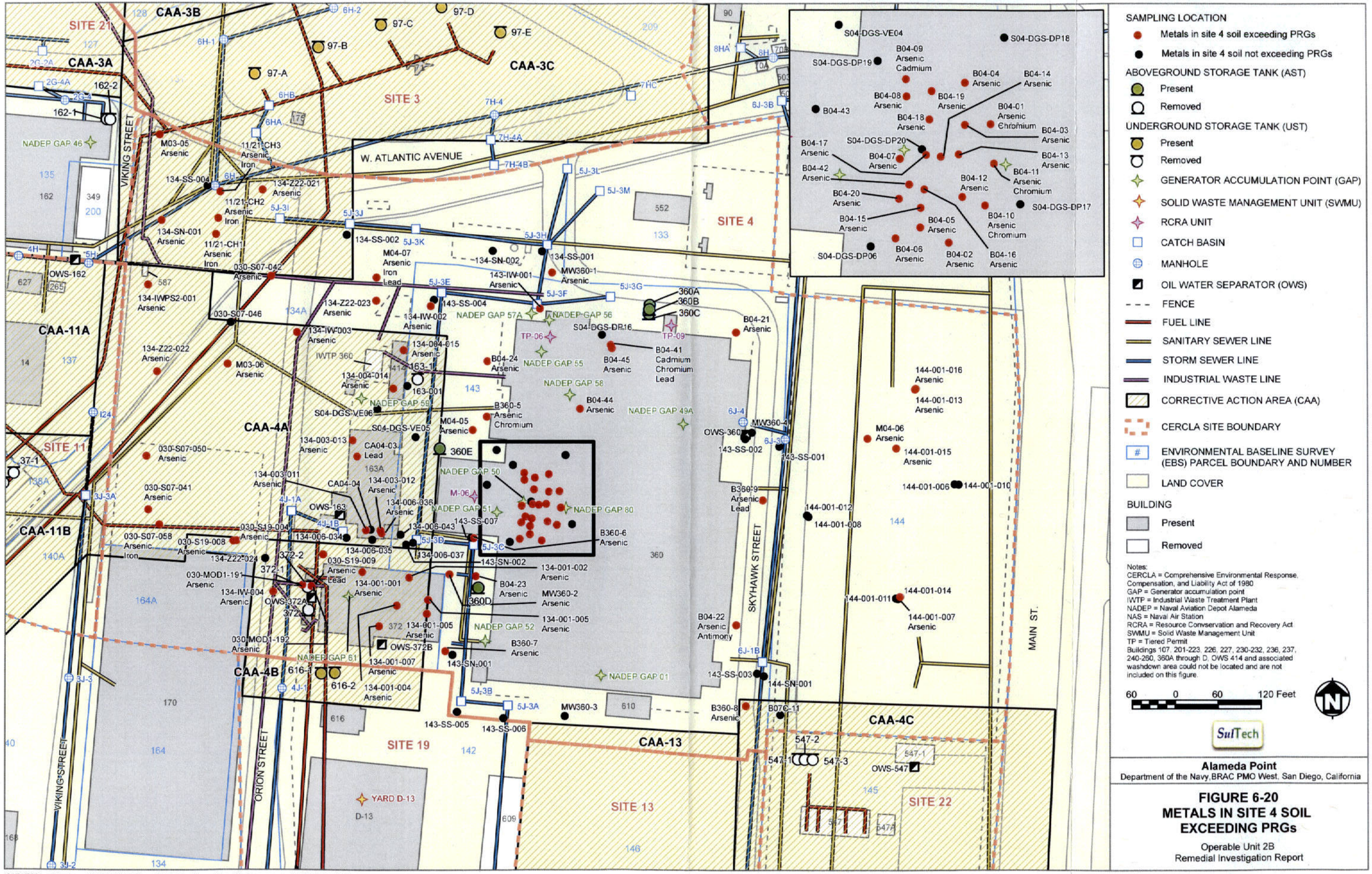

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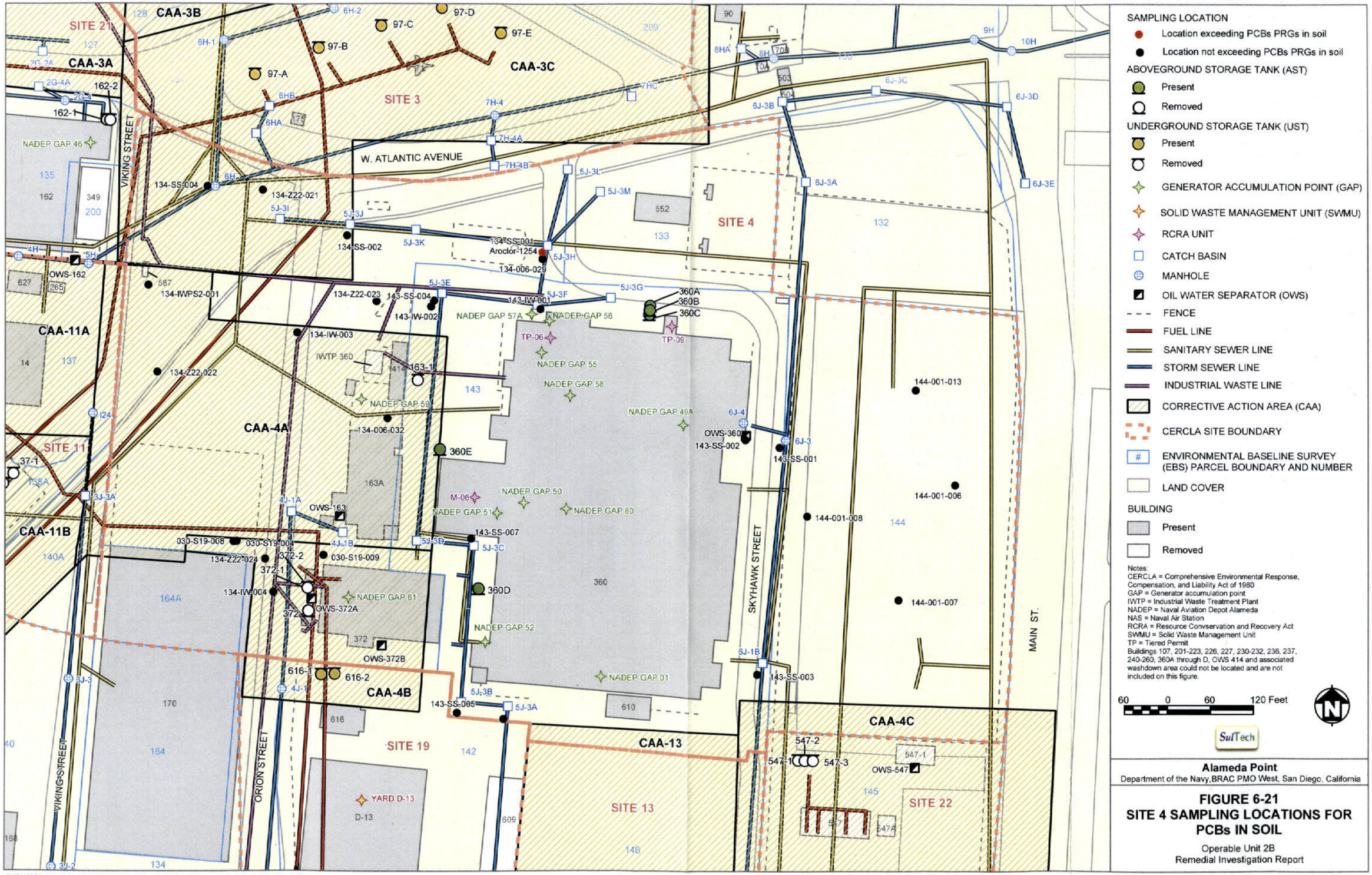

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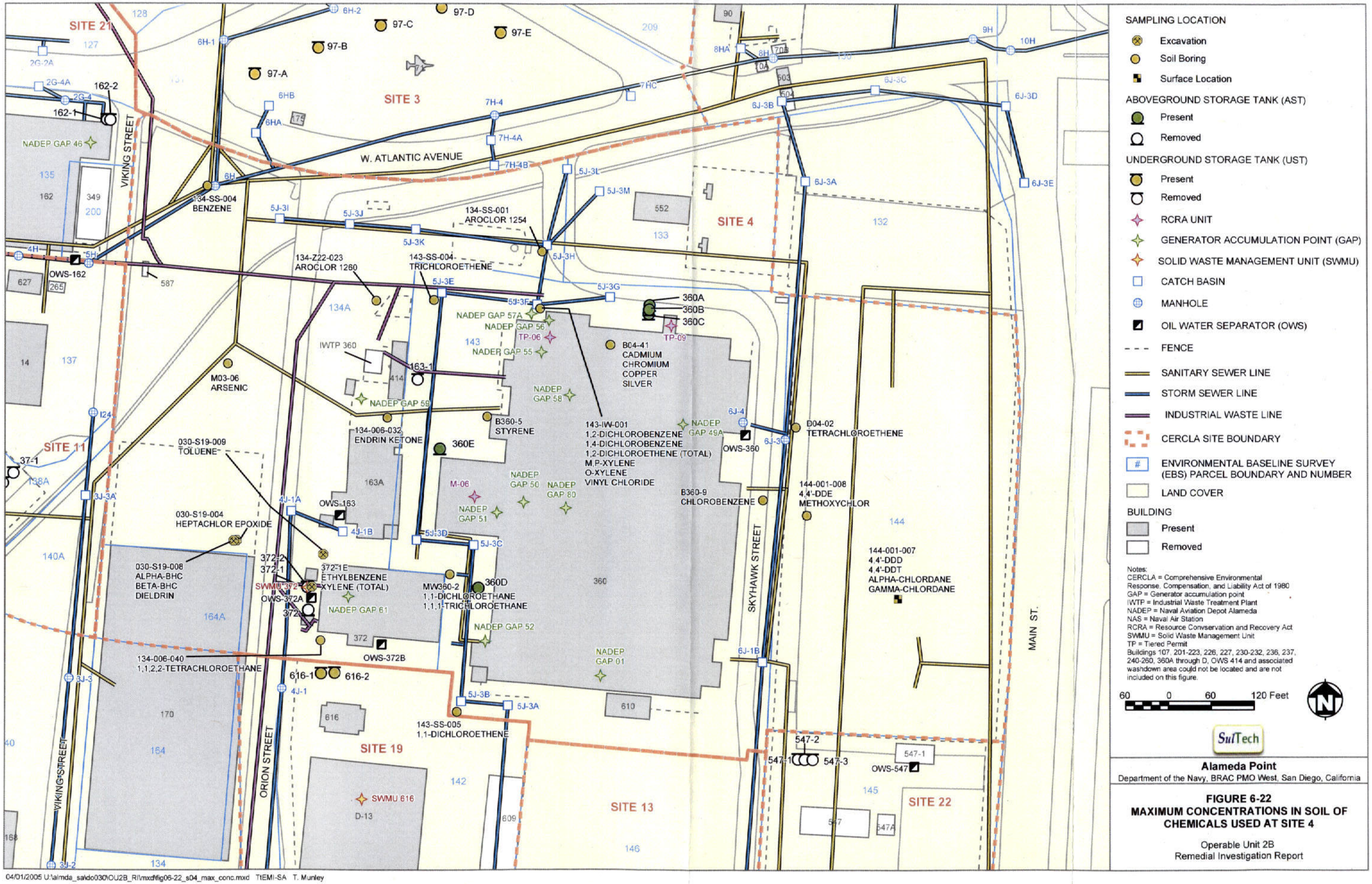

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Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 6-22
MAXIMUM CONCENTRATIONS IN SOIL OF CHEMICALS USED AT SITE 4

Operable Unit 2B
Remedial Investigation Report

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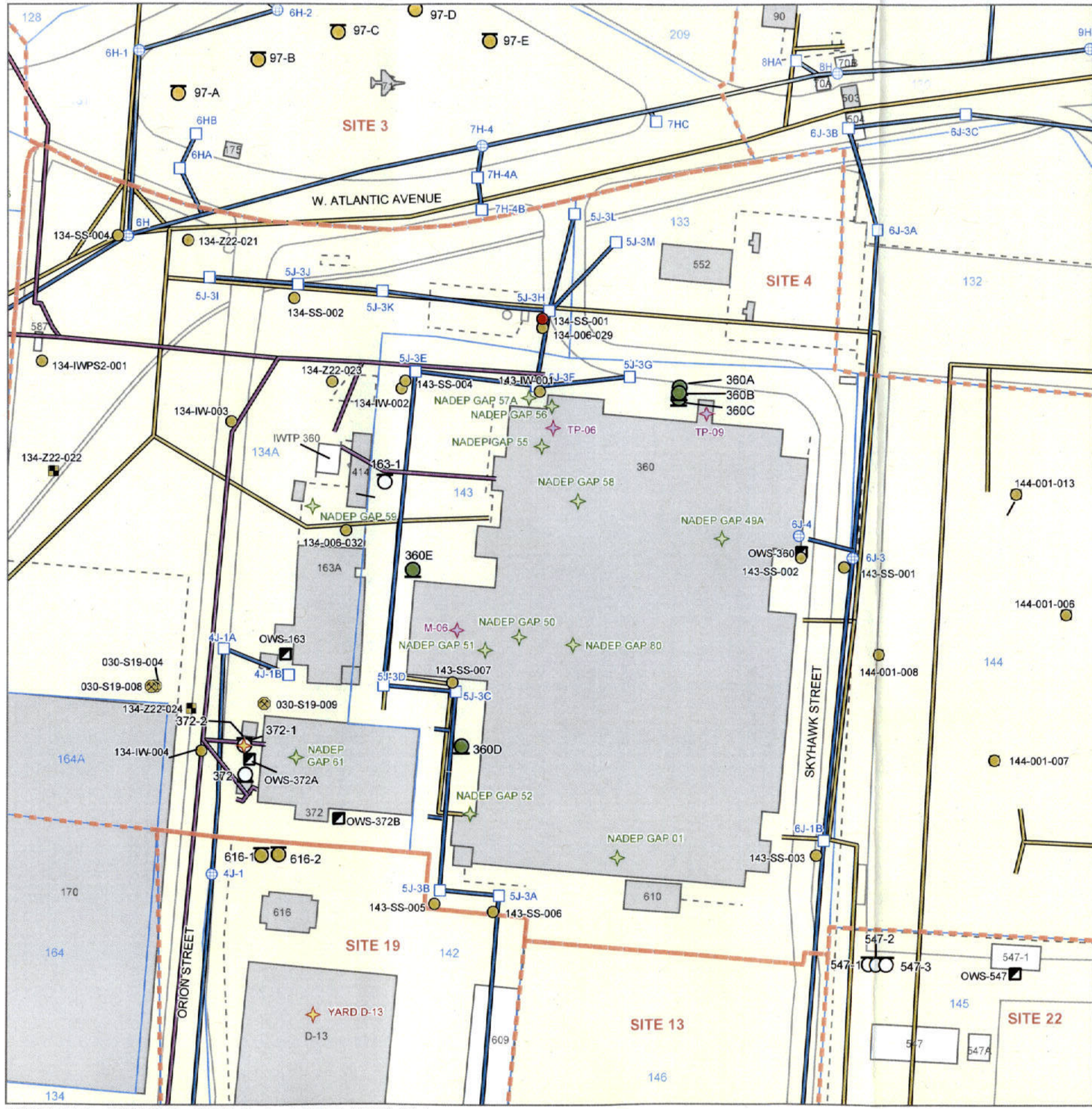

Sample Location	Sample Depth (feet)	Concentration (µg/kg)[1]	Qualifier
030-S19-004	0.0-7.0	20	U
030-S19-008	0.0-8.0	200	U
030-S19-009	0.0-4.5	39	U
134-Z22-021	2.0-2.5	20	U
134-Z22-022	0.5-1.0	22	U
134-Z22-023	1.0-1.5	21	U
134-Z22-024	0.0-0.5	35	U
134-Z22-024	0.0-0.5	22	U
134-006-029	0.5-1.0	35	UJ
134-006-029	3.5-4.0	37	U
134-006-032	0.5-1.5	34	U
134-006-032	6.0-7.0	38	U
134-IW-002	7.0-8.0	39	U
134-IW-003	7.0-7.5	38	U
134-IW-004	5.0-5.5	41	U
134-SS-001	3.5-4.0	**1300**	**J**
134-SS-002	2.5-3.0	36	U
134-SS-004	13.5-14.0	40	U
134-IWPS2-001	2.0-3.0	37	U
143-IW-001	5.0-6.0	29	J
143-SS-001	5.0-6.0	40	U
143-SS-002	3.5-4.0	40	U
143-SS-003	6.0-6.5	38	U
143-SS-004	5.0-5.5	39	U
143-SS-005	7.0-7.5	40	UJ
143-SS-006	5.5-6.0	39	UJ
143-SS-007	6.5-7.0	39	U
144-001-006	0.5-1.0	37	U
144-001-007	0.5-1.0	73	UJ
144-001-008	0.5-1.0	73	UJ
144-001-013	0.5-1.0	36	U
144-001-006	3.2-4.0	40	U
144-001-007	4.0-4.5	40	U
144-001-008	3.0-3.5	40	U
144-001-013	3.0-3.5	39	U

SAMPLING LOCATION
Red = Exceeds Screening Level[2]

- Excavation
- Soil Boring
- Surface Location

ABOVEGROUND STORAGE TANK (AST)

- Present
- Removed

UNDERGROUND STORAGE TANK (UST)

- Present
- Removed
- RCRA UNIT
- GENERATOR ACCUMULATION POINT (GAP)
- SOLID WASTE MANAGEMENT UNIT (SWMU)
- CATCH BASIN
- MANHOLE
- OIL WATER SEPARATOR (OWS)
- FENCE
- INDUSTRIAL WASTE LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- CERCLA SITE BOUNDARY
- ENVIRONMENTAL BASELINE SURVEY (EBS) PARCEL BOUNDARY AND NUMBER
- LAND COVER

BUILDING

- Present
- Removed

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
GAP = Generator accumulation point
IWTP = Industrial Waste Treatment Plant
J = Estimated
mg/kg = Milligrams per kilogram
NADEP = Naval Aviation Depot Alameda
NAS = Naval Air Station
RCRA = Resource Conservation and Recovery Act
SWMU = Solid Waste Management Unit
TP = Tiered Permit
U = Not detected
Buildings 107, 201-223, 226, 227, 230-232, 236, 237, 240-260, 360A through D, OWS 414 and associated washdown area could not be located and are not included on this figure.

[1] Bold denotes "exceeds screening level."
[2] Risk based screening level is 220 µg/kg

60 0 60 120 Feet

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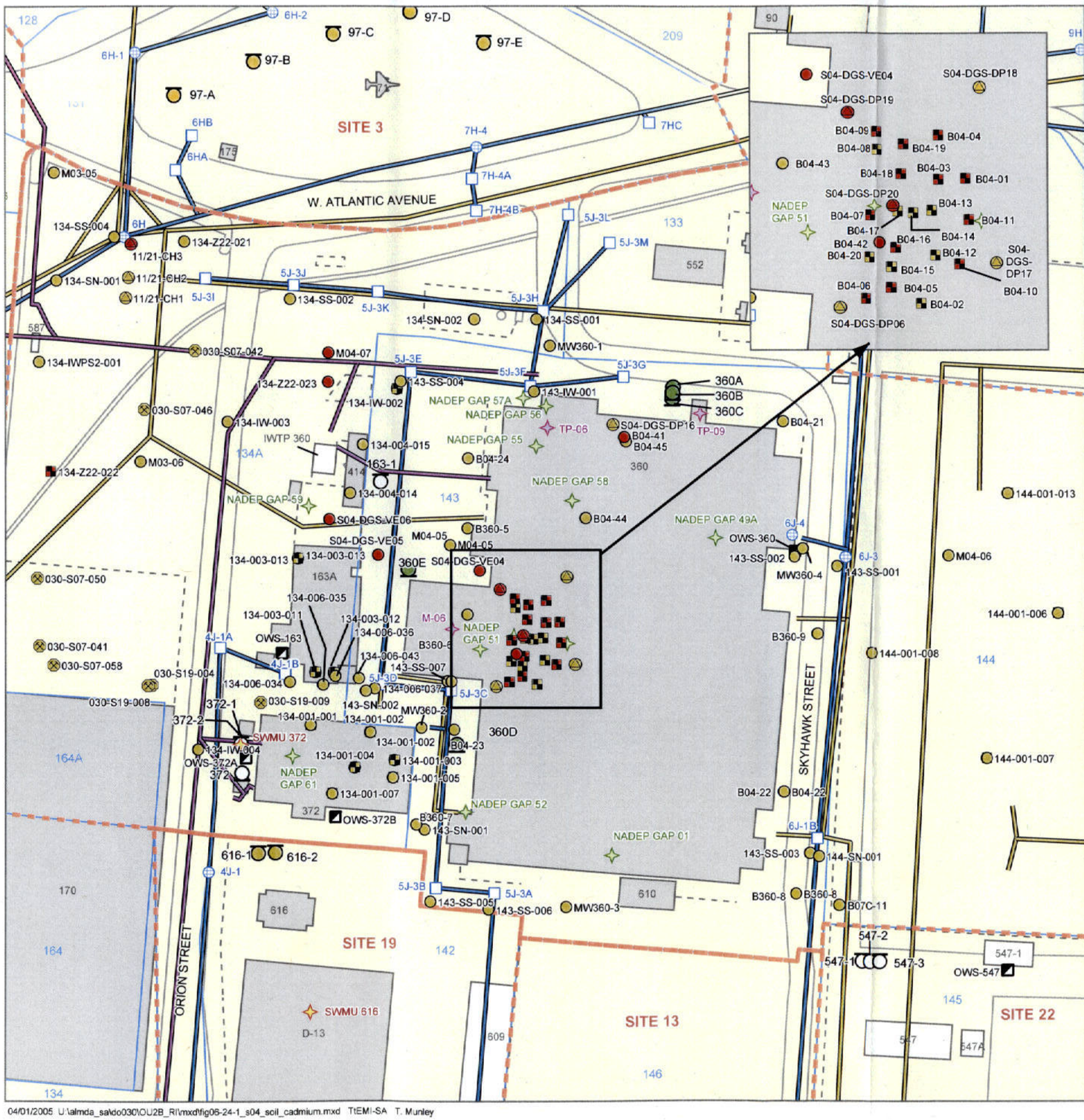
Alameda Point
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 6-23
SITE 4 CONCENTRATIONS OF AROCLOR 1254 IN SOIL

Operable Unit 2B
Remedial Investigation Report

04/21/2005 U:\almda_sa\do030\OU2B_RI\mxd\fig06-23_s04_soil_aroclor1254.mxd TtEMI-SA T. Munley



Sampling Location	Sampling Depth (feet)	Concentration[1] (mg/kg)	Qualifier
030-S07-041	0 - 4.5	0.054	U
030-S07-042	0 - 4	0.043	U
030-S07-046	0 - 4.5	0.042	U
030-S07-050	0 - 3.5	0.46	UJ
030-S07-058	0 - 8	0.14	J
030-S19-004	0 - 7	0.049	U
030-S19-008	0 - 8	0.53	J
030-S19-009	0 - 4.5	0.26	J
11/21-CH1	5 - 15	0.11	
11/21-CH1	22 - 42	0.14	
11/21-CH2	5 - 15	0.46	
11/21-CH2	22 - 42	0.17	
11/21-CH3	5 - 15	**0.94**	
11/21-CH3	22 - 42	0.16	
134-001-001	0 - 0.5	0.15	
134-001-001	3 - 3.5	0.19	
134-001-002	0 - 0.5	0.19	
134-001-002	0 - 0.5	0.06	J
134-001-002	3 - 3.5	0.066	UJ
134-001-002	3 - 3.5	0.17	
134-001-003	0 - 0.5	0.24	
134-001-003	3 - 3.5	0.21	
134-001-004	0 - 0.5	0.07	UJ
134-001-004	0 - 0.5	0.23	
134-001-004	3 - 3.5	0.09	JU
134-001-004	3 - 3.5	0.25	
134-001-005	0 - 0.5	0.23	
134-001-005	3 - 3.5	0.25	
134-001-007	0 - 0.5	0.22	
134-001-007	3 - 3.5	0.24	
134-003-011	3 - 4	0.36	
134-003-011	0 - 0.5	0.33	
134-003-011	0 - 1	0.21	J
134-003-011	3 - 3.5	0.2	J
134-003-012	0 - 0.5	0.28	
134-003-012	3 - 3.5	0.74	
134-003-013	0 - 1	0.26	
134-003-013	3 - 3.5	0.18	
134-004-014	3 - 4.5	0.07	UJ
134-004-014	3.5 - 4	0.15	
134-004-015	2.5 - 3	0.13	
134-006-034	1 - 2	0.5	U
134-006-034	5.5 - 6.5	0.5	U
134-006-035	0.5 - 1.5	0.48	U
134-006-036	1 - 1.5	0.5	U
134-006-037	6 - 7	0.53	U
134-006-037	0.5 - 1.5	0.49	U
134-006-043	3 - 4	0.51	U
134-006-043	0.5 - 1.5	0.49	U
134-IW-002	7 - 8	0.35	U
134-IW-002	0.5 - 1	25	U
134-IW-003	7 - 7.5	25	U
134-IW-003	7 - 7.5	0.26	U
134-IW-004	5 - 5.5	0.1	
134-IW-004	5 - 5.5	25	U
134-IWPS2-001	2 - 3	0.57	U
134-IWPS2-001	2 - 3	25	U
134-SN-001	5 - 5.5	0.58	
134-SN-002	6 - 7	25	U
134-SS-001	3.5 - 4	25	U
134-SS-002	2.5 - 3	25	U
134-SS-004	13.5 - 14	25	U
134-Z22-021	2 - 2.5	0.14	
134-Z22-022	0.5 - 1	**0.9**	
134-Z22-023	1 - 1.5	**1**	
143-IW-001	5 - 6	25	U
143-IW-001	5 - 6	0.12	
143-SN-001	5 - 6	25	U
143-SN-002	5.5 - 6.5	25	U
143-SS-001	5 - 6	25	U
143-SS-002	3.5 - 4	25	U
143-SS-003	6 - 6.5	25	U
143-SS-004	5 - 5.5	25	U
143-SS-005	7 - 7.5	25	U
143-SS-006	5.5 - 6	25	U
143-SS-007	6 - 7	25	U
144-001-006	0.5 - 1	25	U
144-001-006	3.5 - 4	25	U

SAMPLING LOCATION
Red = Exceeds Screening Level[2]

- Direct-Push
- Excavation
- Soil Boring
- Surface Location

ABOVEGROUND STORAGE TANK (AST)

- Present
- Removed

UNDERGROUND STORAGE TANK (UST)

- Present
- Removed
- RCRA UNIT
- GENERATOR ACCUMULATION POINT (GAP)
- SOLID WASTE MANAGEMENT UNIT (SWMU)
- CATCH BASIN
- MANHOLE
- OIL WATER SEPARATOR (OWS)
- FENCE
- INDUSTRIAL WASTE LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- CERCLA SITE BOUNDARY
- ENVIRONMENTAL BASELINE SURVEY (EBS) PARCEL BOUNDARY AND NUMBER
- LAND COVER

BUILDING

- Present
- Removed

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
GAP = Generator accumulation point
J = Estimated
mg/kg = Milligrams per kilogram
NADEP = Naval Aviation Depot Alameda
NAS = Naval Air Station
RCRA = Resource Conservation and Recovery Act
SWMU = Solid Waste Management Unit
TP = Tiered Permit
U = Not detected
Buildings 107, 201-223, 226, 227, 230-232, 236, 237, 240-260, 360A through D, OWS 414 and associated washdown area could not be located and are not included on this figure.

[1]Bold denotes "exceeds screening level."
[2]Screening level based on maximum ambient concentration of 0.82 mg/kg.

60 0 60 120 Feet

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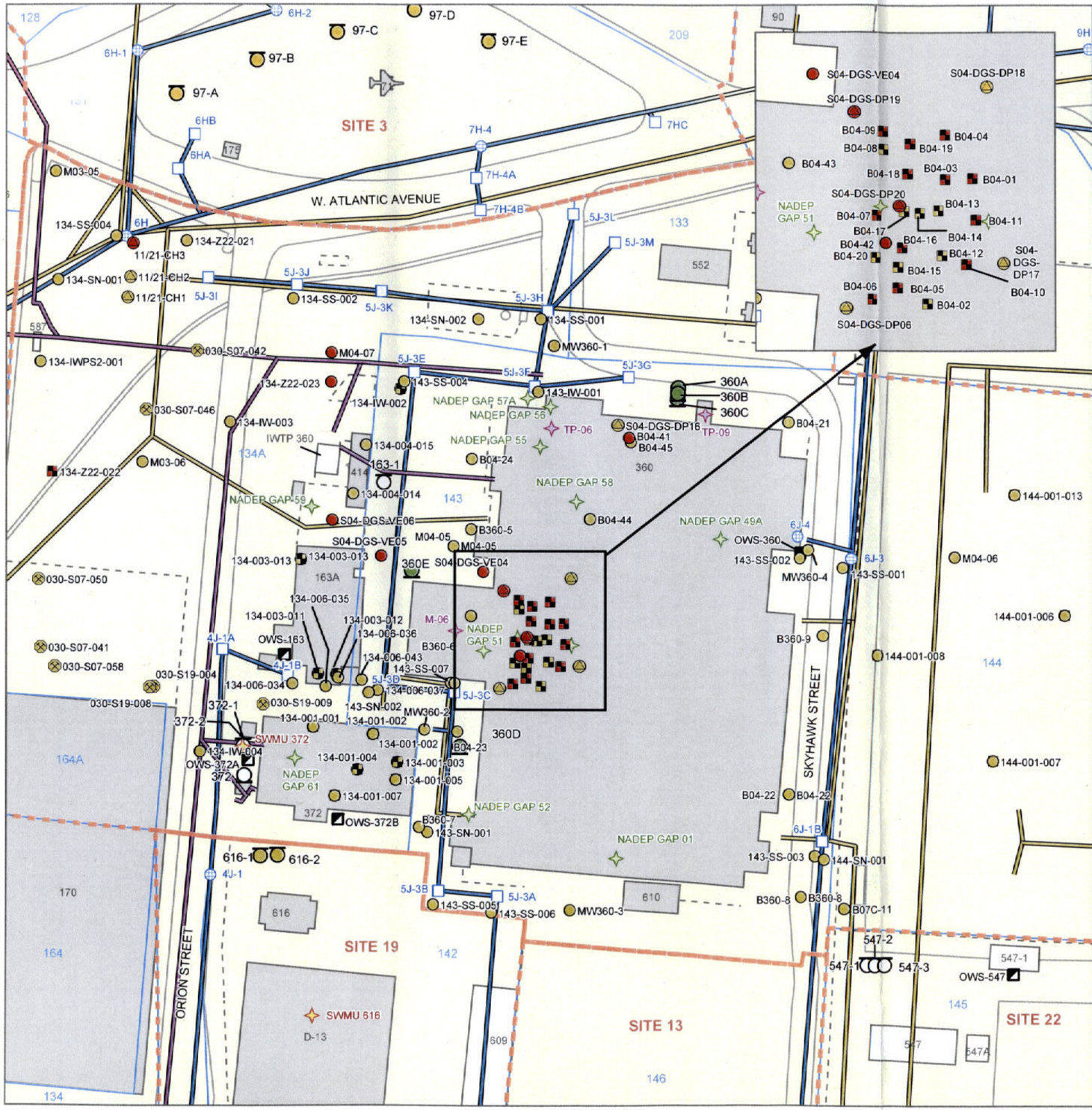
U.S. Navy Southwest Division, NAVFAC, San Diego

FIGURE 6-24 (1 OF 3)
SITE 4 CONCENTRATIONS OF CADMIUM IN SOIL

Operable Unit 2B
Remedial Investigation Report

04/01/2005 U:\almda_sa\do030\OU2B_RI\mxd\fig06-24-1_s04_soil_cadmium.mxd TtEMI-SA T. Munley



Sampling Location	Sampling Depth (feet)	Concentration[1] (mg/kg)	Qualifier
144-001-007	0.5 - 1	25	U
144-001-007	4 - 4.5	25	U
144-001-008	0.5 - 1	25	U
144-001-008	3 - 3.5	25	U
144-001-013	0.5 - 1	0.07	
144-001-013	0.5 - 1	25	U
144-001-013	3 - 3.5	25	U
144-001-013	3 - 3.5	0.09	
144-SN-001	4.5 - 5	25	U
B04-01	0 - 0.5	**6.89**	
B04-02	0 - 0.5	0.446	
B04-03	0 - 0.5	**0.987**	
B04-04	0 - 0.5	**0.949**	
B04-05	0 - 0.5	**4.91**	
B04-06	0 - 0.5	**1.55**	
B04-07	0 - 0.5	**2.3**	
B04-08	0 - 0.5	0.306	U
B04-09	0 - 0.5	**38.1**	
B04-10	0 - 0.5	**2.29**	
B04-11	0 - 0.5	**0.867**	
B04-12	0 - 0.5	0.319	U
B04-13	0 - 0.5	0.299	U
B04-14	0 - 0.5	0.774	
B04-15	0 - 0.5	0.314	U
B04-16	0 - 0.5	**5.67**	
B04-17	0 - 0.5	0.314	U
B04-18	0 - 0.5	**1.79**	
B04-19	0 - 0.5	**11.4**	
B04-20	0 - 0.5	0.369	
B04-21	0.5 - 1	0.11	J
B04-21	2.5 - 3	0.11	U
B04-21	5 - 5.5	0.13	UJ
B04-22	0.5 - 1	0.11	U
B04-22	2.5 - 3	0.11	U
B04-22	4.5 - 5.5	0.11	J
B04-23	0.5 - 1.5	0.11	U
B04-23	3.5 - 4	0.11	U
B04-23	5 - 5.5	0.12	U
B04-24	0.5 - 1	0.11	U
B04-24	2.5 - 3	0.25	
B04-24	5 - 5.5	0.15	J
B04-41	0 - 1	**105**	J
B04-41	2.5 - 3.5	**1.1**	J
B04-41	4.5 - 5.5	**2.6**	J
B04-42	0.5 - 1	**5.9**	
B04-42	2.5 - 3	**4.3**	
B04-42	5 - 5.5	**1.5**	
B04-43	5 - 6	0.15	J
B04-43	0 - 1	0.68	J
B04-43	2.5 - 3.5	0.52	J
B04-44	3 - 4	0.09	U
B04-44	0 - 0.5	0.08	U
B04-44	5.5 - 6	0.09	U
B04-45	0 - 1	0.62	UJ
B04-45	2.5 - 3.5	0.32	UJ
B04-45	4.5 - 5.5	0.39	UJ
B07C-11	5 - 6	0.09	U
B07C-11	0.5 - 1.5	0.08	U
B07C-11	2.5 - 3.5	0.1	J
B360-5	1 - 1.5	0.2	
B360-5	3 - 3.5	0.2	U
B360-5	6 - 6.5	0.2	U
B360-5	10 -10.5	0.3	
B360-5	11.5 - 12	0.2	U
B360-5	15 - 15.5	0.2	U
B360-6	0.5 - 1	1.2	U
B360-6	2.5 - 3	1.1	U
B360-6	5.5 - 6	1.2	U
B360-6	9 - 9.5	1.2	U
B360-6	12 - 12.5	1.2	U
B360-6	13.5 - 14	1.2	U
B360-7	1 - 1.5	1.1	U
B360-7	3 - 3.5	1.1	U
B360-7	5.5 - 6	1.3	U
B360-7	9 - 9.5	1.2	U
B360-7	9.5 - 10	1.2	U
B360-7	11.5 - 12	1.2	U
B360-7	15 - 15.5	1.2	U

SAMPLING LOCATION
Red = Exceeds Screening Level[2]

- Direct-Push
- Excavation
- Soil Boring
- Surface Location

ABOVEGROUND STORAGE TANK (AST)

- Present
- Removed

UNDERGROUND STORAGE TANK (UST)

- Present
- Removed
- RCRA UNIT
- GENERATOR ACCUMULATION POINT (GAP)
- SOLID WASTE MANAGEMENT UNIT (SWMU)
- CATCH BASIN
- MANHOLE
- OIL WATER SEPARATOR (OWS)
- FENCE
- INDUSTRIAL WASTE LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- CERCLA SITE BOUNDARY
- ENVIRONMENTAL BASELINE SURVEY (EBS) PARCEL BOUNDARY AND NUMBER
- LAND COVER

BUILDING

- Present
- Removed

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
GAP = Generator accumulation point
J = Estimated
mg/kg = Milligrams per kilogram
NADEP = Naval Aviation Depot Alameda
NAS = Naval Air Station
RCRA = Resource Conversvation and Recovery Act
SWMU = Solid Waste Management Unit
TP = Tiered Permit
U = Not detected
Buildings 107, 201-223, 226, 227, 230-232, 236, 237, 240-260, 360A through D, OWS 414 and associated washdown area could not be located and are not included on this figure.

[1]Bold denotes "exceeds screening level."
[2]Screening level based on maximum ambient concentration of 0.62 mg/kg.

60 0 60 120 Feet

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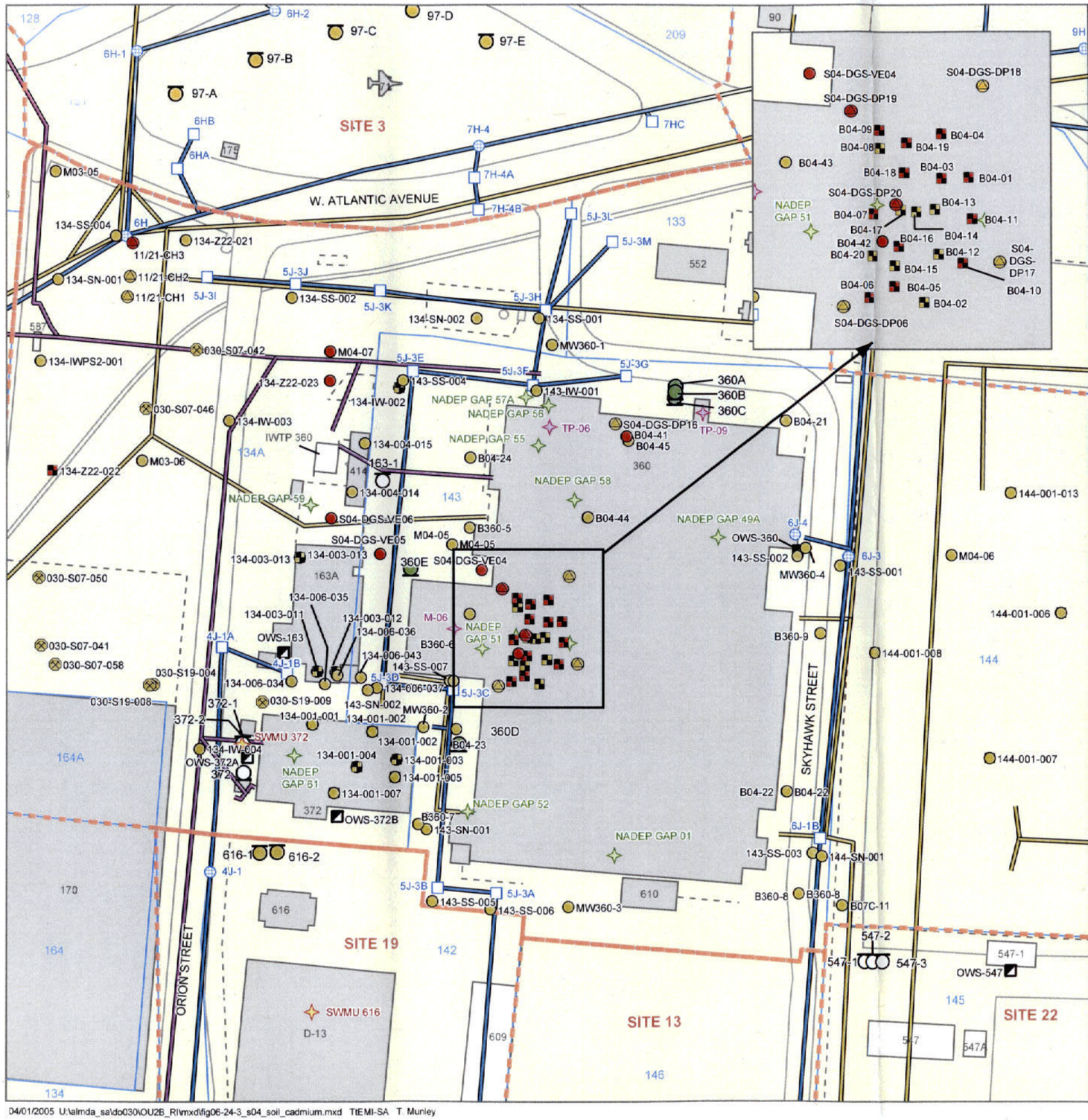
Alameda Point
U.S. Navy Southwest Division, NAVFAC, San Diego

FIGURE 6-24 (2 OF 3)
SITE 4 CONCENTRATIONS OF CADMIUM IN SOIL

Operable Unit 2B
Remedial Investigation Report

004/01/2005 U:\almda_sa\do030\OU2B_RI\mxd\fig06-24-2_s04_soil_cadmium.mxd TtEMI-SA T. Munley



Sampling Location	Sampling Depth (feet)	Concentration[1] (mg/kg)	Qualifier
B360-8	1 - 1.5	0.2	U
B360-8	3 - 3.5	0.2	U
B360-8	5.5 - 6	0.2	
B360-8	9 - 9.5	0.4	
B360-8	12 - 12.5	0.3	
B360-8	15 - 15.5	0.2	U
B360-9	0.5 - 1	0.3	
B360-9	2.5 - 3	0.3	
B360-9	5.5 - 6	0.2	U
B360-9	9.5 - 10	0.2	U
B360-9	12 - 12.5	0.7	
B360-9	15.5 - 16	0.2	U
M03-05	1 - 2	0.1	J
M03-05	5 - 6	0.07	U
M03-05	2.5 - 3.5	0.06	U
M03-06	5 - 6	0.27	J
M03-06	0.5 - 1.5	0.12	J
M03-06	2.5 - 3.5	0.27	J
M04-05	1 - 1.5	0.11	U
M04-05	2.5 - 3	0.11	U
M04-05	5 - 5.5	0.12	U
M04-06	1 - 1.5	0.11	U
M04-06	2 - 2.5	0.12	U
M04-06	5 - 5.5	0.15	U
M04-07	0.5 - 1	0.11	U
M04-07	2.5 - 3	0.11	U
M04-07	5 - 5.5	**1.1**	
MW360-1	0.5 - 1	0.2	
MW360-1	3 - 3.5	0.2	U
MW360-1	5.5 - 6	0.3	
MW360-1	9 - 9.5	0.2	U
MW360-1	12 - 12.5	0.2	U
MW360-1	15 - 15.5	0.4	
MW360-2	1 - 1.5	0.3	
MW360-2	3 - 3.5	0.2	U
MW360-2	7.5 - 8	0.2	U
MW360-2	9 - 9.5	0.2	U
MW360-2	12 - 12.5	0.2	U
MW360-2	15 - 15.5	0.4	
MW360-3	1 - 1.5	1.1	U
MW360-3	3 - 3.5	1.3	U
MW360-3	5.5 - 6	1.2	U
MW360-3	9 - 9.5	1.2	U
MW360-3	12 - 12.5	1.2	U
MW360-3	15 - 15.5	1.2	U
MW360-4	1 - 1.5	1	U
MW360-4	3 - 3.5	1.1	U
MW360-4	4.5 - 5	1.2	U
MW360-4	5.5 - 6	1.2	U
MW360-4	9 - 9.5	1.2	U
MW360-4	12 - 12.5	1.2	U
MW360-4	14.5 - 15	1.2	U
S04-DGS-DP06	3 - 3.5	0.078	UJ
S04-DGS-DP06	5 - 5.5	0.046	UJ
S04-DGS-DP16	1 - 1.5	0.055	UJ
S04-DGS-DP16	3 - 3.5	0.052	U
S04-DGS-DP16	4.5 - 5	0.061	UJ
S04-DGS-DP17	3 - 3.5	0.1	UJ
S04-DGS-DP17	5 - 5.5	0.17	UJ
S04-DGS-DP18	3 - 3.5	0.032	UJ
S04-DGS-DP19	3 - 3.5	**6.3**	
S04-DGS-DP19	4 - 4.5	0.23	UJ
S04-DGS-DP20	3 - 3.5	**1**	
S04-DGS-DP20	5 - 5.5	**1.1**	
S04-DGS-VE04	3 - 3.5	0.34	J
S04-DGS-VE04	5 - 5.5	**1.5**	J
S04-DGS-VE05	3 - 3.5	**7.8**	J
S04-DGS-VE05	5 - 5.5	0.48	J
S04-DGS-VE06	3 - 3.5	**31.6**	J

SAMPLING LOCATION
Red = Exceeds Screening Level[2]

- Direct-Push
- Excavation
- Soil Boring
- Surface Location

ABOVEGROUND STORAGE TANK (AST)

- Present
- Removed

UNDERGROUND STORAGE TANK (UST)

- Present
- Removed
- RCRA UNIT
- GENERATOR ACCUMULATION POINT (GAP)
- SOLID WASTE MANAGEMENT UNIT (SWMU)
- CATCH BASIN
- MANHOLE
- OIL WATER SEPARATOR (OWS)
- FENCE
- INDUSTRIAL WASTE LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- CERCLA SITE BOUNDARY
- ENVIRONMENTAL BASELINE SURVEY (EBS) PARCEL BOUNDARY AND NUMBER
- LAND COVER

BUILDING

- Present
- Removed

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
GAP = Generator accumulation point
J = Estimated
mg/kg = Milligrams per kilogram
NADEP = Naval Aviation Depot Alameda
NAS = Naval Air Station
RCRA = Resource Conservation and Recovery Act
SWMU = Solid Waste Management Unit
TP = Tiered Permit
U = Not detected
Buildings 107, 201-223, 226, 227, 230-232, 236, 237, 240-260, 360A through D, OWS 414 and associated washdown area could not be located and are not included on this figure.

[1]Bold denotes "exceeds screening level."
[2]Screening level based on maximum ambient concentration of 0.82 mg/kg.

60 0 60 120 Feet

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U.S. Navy Southwest Division, NAVFAC, San Diego

FIGURE 6-24 (3 OF 3)
SITE 4 CONCENTRATIONS OF CADMIUM IN SOIL

Operable Unit 2B
Remedial Investigation Report

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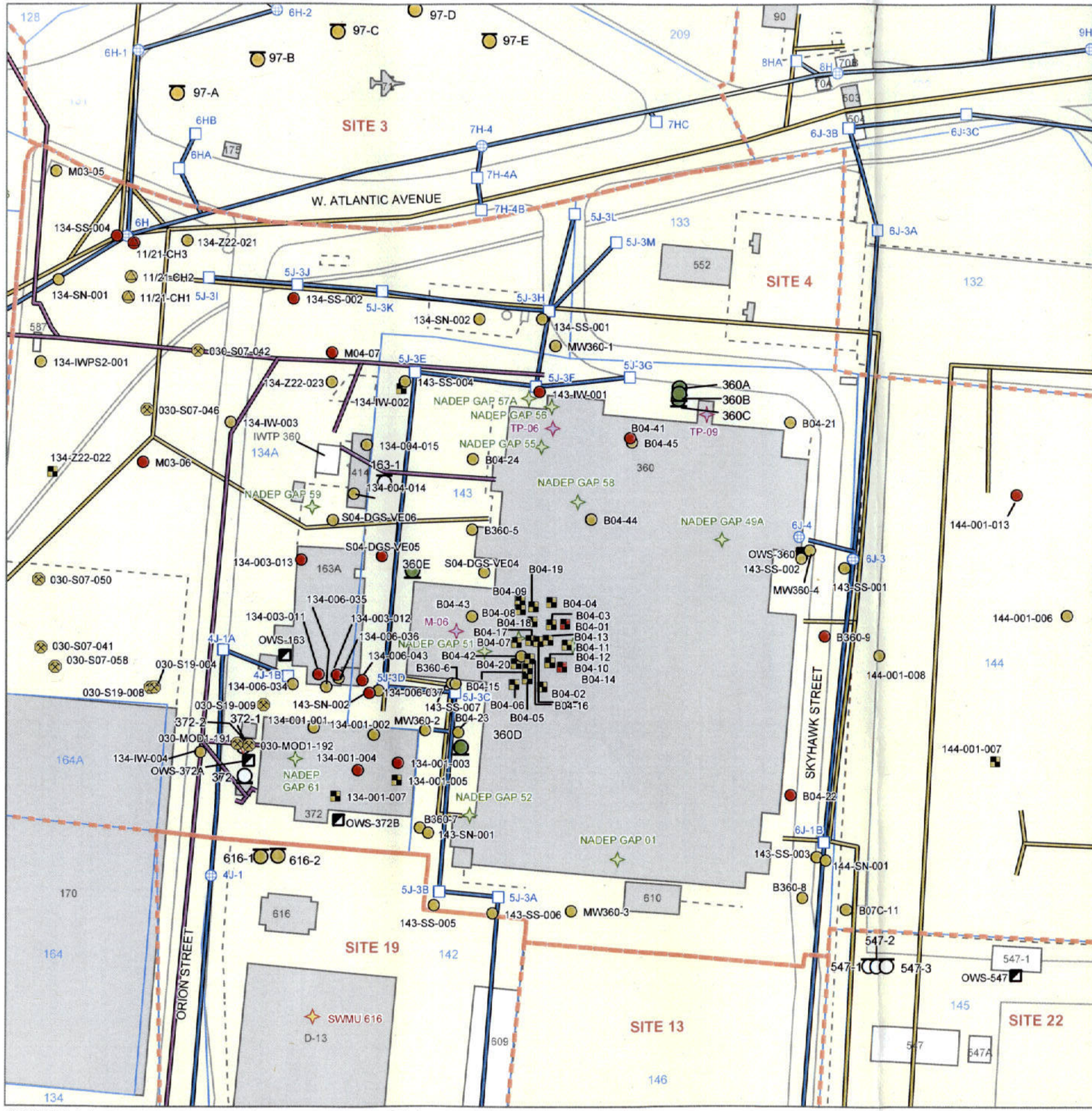

Sample Location	Sample Depth (feet)	Concentration[1] (mg/kg)	Qualifier
030-MOD1-191	0 - 5	18.9	
030-MOD1-192	0 - 5.5	18	
030-S07-041	0 - 4.5	9.8	
030-S07-042	0 - 4	10	
030-S07-046	0 - 4.5	11.4	UJ
030-S07-050	0 - 3.5	15.8	
030-S07-058	0 - 8	15.4	
030-S19-004	0 - 7	29.2	
030-S19-008	0 - 8	19.9	
030-S19-009	0 - 4.5	8.5	
11/21-CH1	5 - 15	8.2	
11/21-CH1	22 - 42	7	
11/21-CH2	5 - 15	33.2	
11/21-CH2	22 - 42	7.1	
11/21-CH3	5 - 15	**67.1**	
11/21-CH3	22 - 42	6.4	
134-001-001	0 - 0.5	16	
134-001-001	3 - 3.5	13	
134-001-002	0 - 0.5	16.1	
134-001-002	0 - 0.5	22	
134-001-002	3 - 3.5	11	
134-001-002	3 - 3.5	14.1	
134-001-003	0 - 0.5	**140**	
134-001-003	3 - 3.5	**14**	
134-001-004	0 - 0.5	23.6	
134-001-004	0 - 0.5	**58**	
134-001-004	3 - 3.5	18	
134-001-004	3 - 3.5	22.2	
134-001-005	0 - 0.5	16	
134-001-005	3 - 3.5	15	
134-001-007	0 - 0.5	11	
134-001-007	3 - 3.5	19	
134-003-011	0 - 0.5	48	
134-003-011	0 - 1	**58.1**	
134-003-011	3 - 3.5	**105**	
134-003-011	3 - 4	**130**	
134-003-012	0 - 0.5	20	
134-003-012	3 - 3.5	**190**	
134-003-013	0 - 1	**77**	
134-003-013	3 - 3.5	11	
134-004-014	3 - 4.5	6.6	J
134-004-014	3.5 - 4	14	
134-004-015	2.5 - 3	11	
134-006-034	1 - 2	8.6	U
134-006-034	5.5 - 6.5	18.6	U
134-006-035	0.5 - 1.5	7.6	U
134-006-036	1 - 1.5	18.1	
134-006-037	0.5 - 1.5	21.5	U
134-006-037	6 - 7	8.4	U
134-006-043	0.5 - 1.5	**85.9**	J
134-006-043	3 - 4	**69.4**	J
134-IW-002	0.5 - 1	25	U
134-IW-002	7 - 8	40.9	EJ
134-IW-003	7 - 7.5	20.3	EJ
134-IW-003	7 - 7.5	32	
134-IW-004	5 - 5.5	12.9	
134-IW-004	5 - 5.5	25	U
134-IWPS2-001	2 - 3	25	U
134-IWPS2-001	2 - 3	33.1	EJ
134-SN-001	5 - 5.5	21	
134-SN-002	6.5 - 7	25	U
134-SS-001	3.5 - 4	25	U
134-SS-002	2.5 - 3	**120**	
134-SS-004	13.5 - 14	**55**	
134-Z22-021	2 - 2.5	7.9	
134-Z22-022	0.5 - 1	37	
134-Z22-023	1 - 1.5	33	
143-IW-001	5 - 6	25	U
143-IW-001	5 - 6	**132**	NJ
143-SN-001	5 - 6	25	U
143-SN-002	5.5 - 6.5	**119**	
143-SS-001	5 - 6	25	U
143-SS-002	3.5 - 4	25	U
143-SS-003	6 - 6.5	25	U
143-SS-004	5 - 5.5	25	U
143-SS-005	7 - 7.5	25	U
143-SS-006	5.5 - 6	25	U

SAMPLING LOCATION
Red = Exceeds Screening Level[2]

- Direct-Push
- Excavation
- Soil Boring
- Surface Location

ABOVEGROUND STORAGE TANK (AST)

- Present
- Removed

UNDERGROUND STORAGE TANK (UST)

- Present
- Removed
- RCRA UNIT
- GENERATOR ACCUMULATION POINT (GAP)
- SOLID WASTE MANAGEMENT UNIT (SWMU)
- CATCH BASIN
- MANHOLE
- OIL WATER SEPARATOR (OWS)
- FENCE
- INDUSTRIAL WASTE LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- CERCLA SITE BOUNDARY
- ENVIRONMENTAL BASELINE SURVEY (EBS) PARCEL BOUNDARY AND NUMBER
- LAND COVER

BUILDING

- Present
- Removed

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
GAP = Generator accumulation point
J = Estimated
mg/kg = Milligrams per kilogram
NADEP = Naval Aviation Depot Alameda
NAS = Naval Air Station
RCRA = Resource Convservation and Recovery Act
SWMU = Solid Waste Management Unit
TP = Tiered Permit
U = Not detected
Buildings 107, 201-223, 226, 227, 230-232, 236, 237, 240-260, 360A through D, OWS 414 and associated washdown area could not be located and are not included on this figure.

[1]Bold denotes "exceeds screening level."
[2]Screening level based on maximum ambient concentration of 49.1 mg/kg for copper.

60 0 60 120 Feet

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Alameda Point
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 6-25 (1 OF 3)
SITE 4 CONCENTRATIONS OF COPPER IN SOIL

Operable Unit 2B
Remedial Investigation Report

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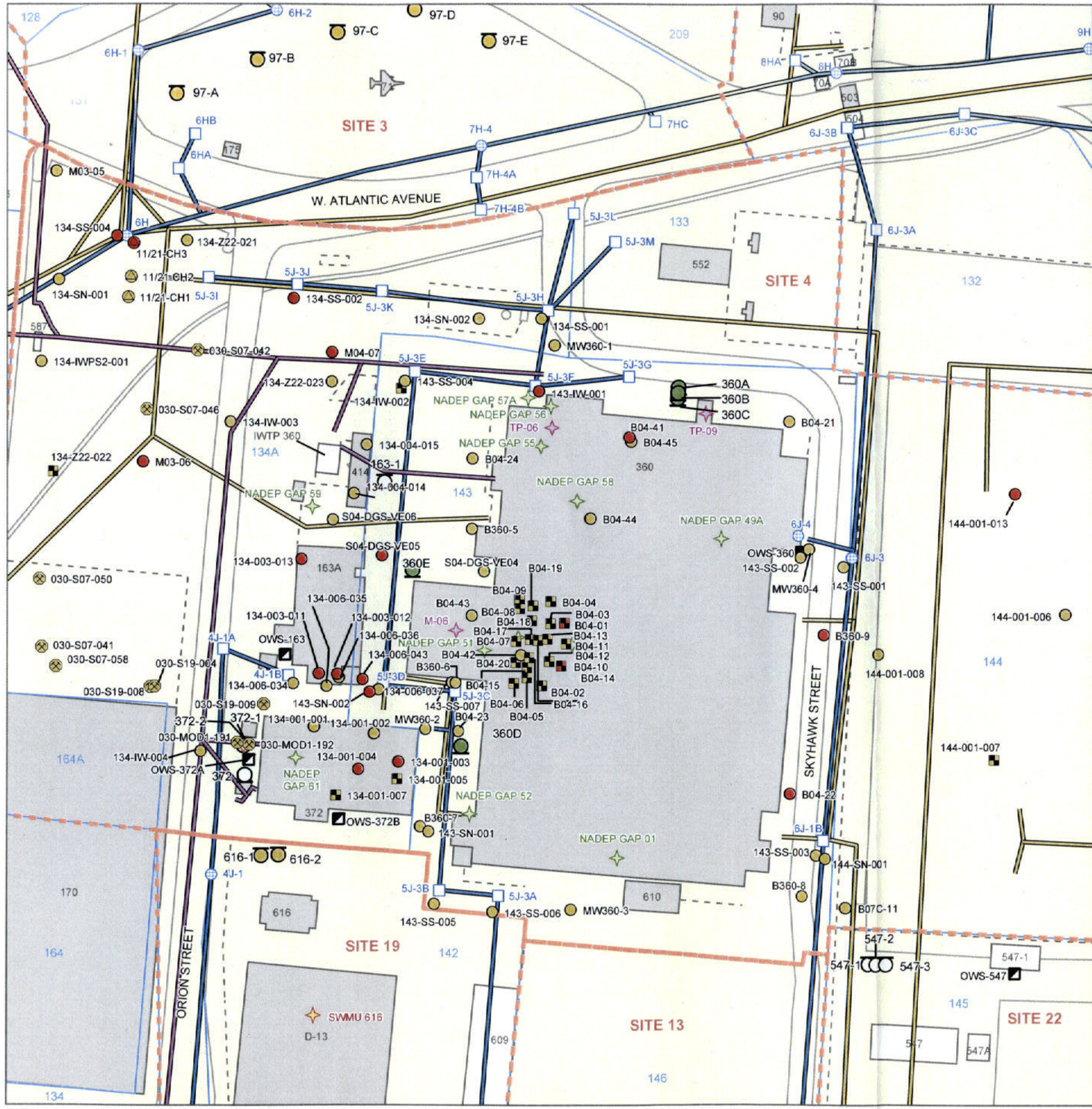

Sample Location	Sample Depth (feet)	Concentration[1] (mg/kg)	Qualifier
143-SS-007	6.5 - 7	25	U
144-001-006	0.5 - 1	25	U
144-001-006	3.2 - 4	25	U
144-001-007	0.5 - 1	25	U
144-001-007	4 - 4.5	25	U
144-001-008	0.5 - 1	25	U
144-001-008	3 - 3.5	25	U
144-001-013	0.5 - 1	25	U
144-001-013	0.5 - 1	**92.6**	
144-001-013	3 - 3.5	13.3	
144-001-013	3 - 3.5	25	U
144-SN-001	4.5 - 5	25	U
B04-01	0 -	**54.3**	
B04-02	0 -	11.5	
B04-03	0 -	19.1	
B04-04	0 -	17.3	
B04-05	0 -	13.2	
B04-06	0 -	8.28	
B04-07	0 -	9.38	
B04-08	0 -	5.42	
B04-09	0 -	29.6	
B04-10	0 -	**99.6**	
B04-11	0 -	33.2	
B04-12	0 -	28.3	
B04-13	0 -	18.8	
B04-14	0 -	22.3	
B04-15	0 -	10	
B04-16	0 -	13	
B04-17	0 -	33.8	
B04-18	0 -	34.7	
B04-19	0 -	21.1	
B04-20	0 -	14.3	
B04-21	0.5 - 1	6.8	
B04-21	2.5 - 3	5.9	
B04-21	5 - 5.5	10	
B04-22	0.5 - 1	7.5	
B04-22	2.5 - 3	**65.2**	
B04-22	4.5 - 5.5	9.8	
B04-23	0.5 - 1.5	6.4	
B04-23	3.5 - 4	6.2	
B04-23	5 - 5.5	8.5	
B04-24	0.5 - 1	6.7	
B04-24	2.5 - 3	17.8	
B04-24	5 - 5.5	30.8	
B04-41	0 - 1	**326**	
B04-41	2.5 - 3.5	11.6	
B04-41	4.5 - 5.5	32	
B04-42	0.5 - 1	33.5	J
B04-42	2.5 - 3	19.7	J
B04-42	5 - 5.5	14.3	J
B04-43	0 - 1	16	
B04-43	2.5 - 3.5	21.8	
B04-43	5 - 6	11.5	
B04-44	0 - 0.5	8.7	
B04-44	3 - 4	9.3	
B04-44	5.5 - 6	17.9	
B04-45	0 - 1	33.3	
B04-45	2.5 - 3.5	8.8	
B04-45	4.5 - 5.5	17.4	
B07C-11	0.5 - 1.5	6.4	
B07C-11	2.5 - 3.5	7.2	
B07C-11	5 - 6	9.7	
B360-5	1 - 1.5	16.8	
B360-5	3 - 3.5	14.8	
B360-5	6 - 6.5	9.6	
B360-5	10 - 10.5	20.4	
B360-5	11.5 - 12	19.5	
B360-5	15 - 15.5	32.1	
B360-6	0.5 - 1	11	
B360-6	2.5 - 3	14	
B360-6	5.5 - 6	9.7	
B360-6	9 - 9.5	17	
B360-6	12 - 12.5	11	
B360-6	13.5 - 14	11	
B360-7	1 - 1.5	7.9	
B360-7	3 - 3.5	16	
B360-7	5.5 - 6	9.4	
B360-7	9 - 9.5	12	

SAMPLING LOCATION
Red = Exceeds Screening Level[2]

- Direct-Push
- Excavation
- Soil Boring
- Surface Location

ABOVEGROUND STORAGE TANK (AST)

- Present
- Removed

UNDERGROUND STORAGE TANK (UST)

- Present
- Removed
- RCRA UNIT
- GENERATOR ACCUMULATION POINT (GAP)
- SOLID WASTE MANAGEMENT UNIT (SWMU)
- CATCH BASIN
- MANHOLE
- OIL WATER SEPARATOR (OWS)
- FENCE
- INDUSTRIAL WASTE LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- CERCLA SITE BOUNDARY
- ENVIRONMENTAL BASELINE SURVEY (EBS) PARCEL BOUNDARY AND NUMBER
- LAND COVER

BUILDING

- Present
- Removed

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
GAP = Generator accumulation point
J = Estimated
mg/kg = Milligrams per kilogram
NADEP = Naval Aviation Depot Alameda
NAS = Naval Air Station
RCRA = Resource Conservation and Recovery Act
SWMU = Solid Waste Management Unit
TP = Tiered Permit
U = Not detected
Buildings 107, 201-223, 226, 227, 230-232, 236, 237, 240-260, 360A through D, OWS 414 and associated washdown area could not be located and are not included on this figure.

[1]Bold denotes "exceeds screening level."
[2]Screening level based on maximum ambient concentration of 49.1 mg/kg for copper.

60 0 60 120 Feet

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Alameda Point
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 6-25 (2 OF 3)
SITE 4 CONCENTRATIONS OF COPPER IN SOIL

Operable Unit 2B
Remedial Investigation Report

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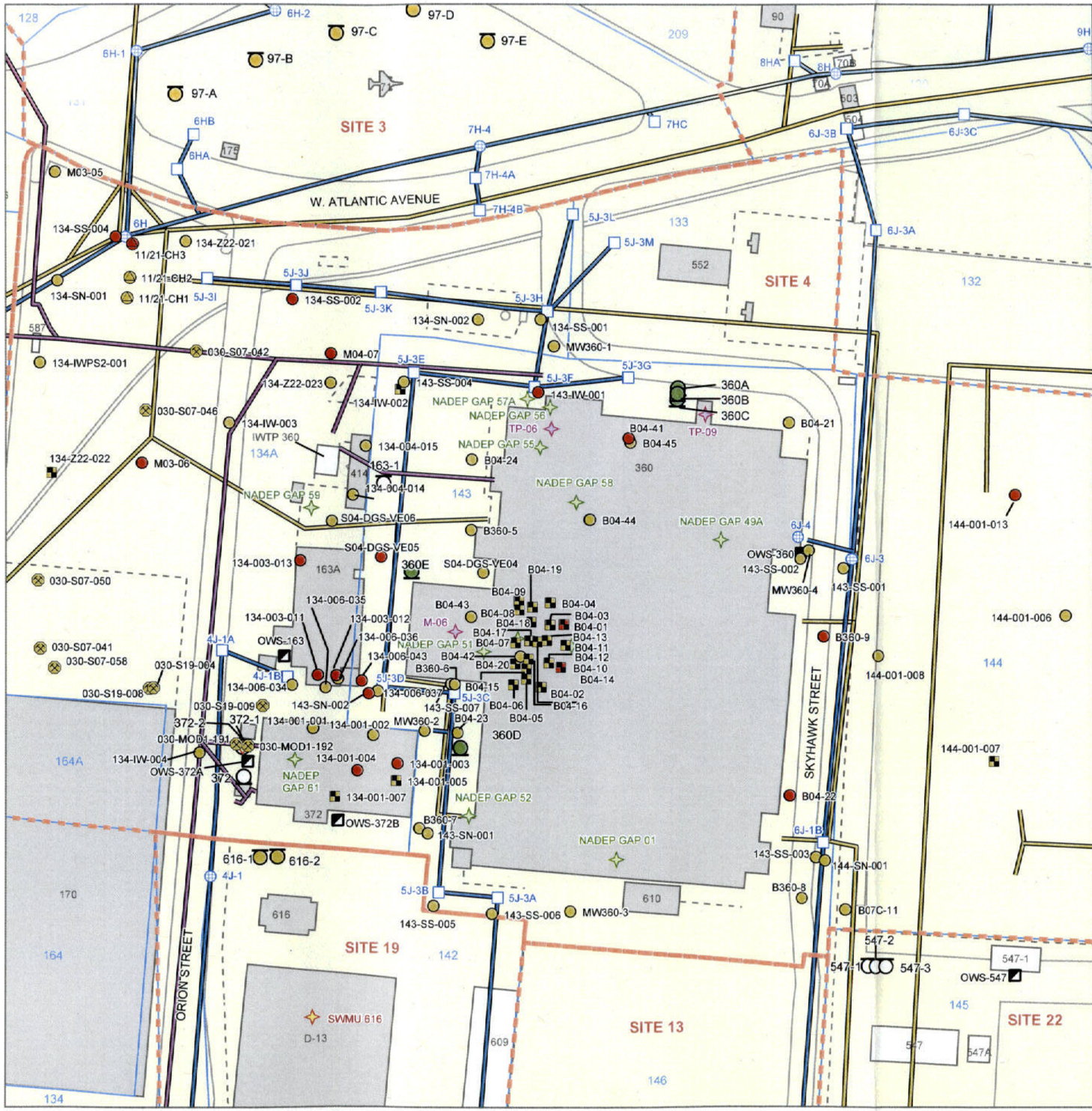

Sample Location	Sample Depth (feet)	Concentration[1] (mg/kg)	Qualifier
B360-7	9.5 - 10	12	
B360-7	11.5 - 12	27	
B360-7	15 - 15.5	15	
B360-8	1 - 1.5	13.2	
B360-8	3 - 3.5	29.6	
B360-8	5.5 - 6	14.3	
B360-8	9 - 9.5	43.7	
B360-8	12 - 12.5	11.6	
B360-8	15 - 15.5	10.9	
B360-9	0.5 - 1	14.5	
B360-9	2.5 - 3	**55.8**	
B360-9	5.5 - 6	22.4	
B360-9	9.5 - 10	22.1	
B360-9	12 - 12.5	14.3	
B360-9	15.5 - 16	9.5	
M03-05	1 - 2	11.7	
M03-05	2.5 - 3.5	5.5	
M03-05	5 - 6	6.1	
M03-06	0.5 - 1.5	7.6	
M03-06	2.5 - 3.5	**55.6**	
M03-06	5 - 6	34.7	
M04-05	1 - 1.5	6.2	
M04-05	2.5 - 3	4.4	
M04-05	5 - 5.5	5.6	
M04-06	1 - 1.5	12.5	
M04-06	2 - 2.5	5.6	
M04-06	5 - 5.5	11.9	
M04-07	0.5 - 1	4.4	
M04-07	2.5 - 3	4.3	
M04-07	5 - 5.5	**96.5**	
MW360-1	0.5 - 1	10.5	
MW360-1	3 - 3.5	4.4	
MW360-1	5.5 - 6	18.3	
MW360-1	9 - 9.5	7.9	
MW360-1	12 - 12.5	19.4	
MW360-1	15 - 15.5	14.3	
MW360-2	1 - 1.5	12.9	
MW360-2	3 - 3.5	9.3	
MW360-2	7.5 - 8	11.6	
MW360-2	9 - 9.5	10.6	
MW360-2	12 - 12.5	9.8	
MW360-2	15 - 15.5	14.7	
MW360-3	1 - 1.5	7.4	
MW360-3	3 - 3.5	14	
MW360-3	5.5 - 6	15	
MW360-3	9 - 9.5	10	
MW360-3	12 - 12.5	15	
MW360-3	15 - 15.5	13	
MW360-4	1 - 1.5	7.5	
MW360-4	3 - 3.5	5.5	U
MW360-4	4.5 - 5	27	
MW360-4	5.5 - 6	6.7	
MW360-4	9 - 9.5	12	
MW360-4	12 - 12.5	12	
MW360-4	14.5 - 15	16	
S04-DGS-VE04	3 - 3.5	13.1	
S04-DGS-VE04	5 - 5.5	38	
S04-DGS-VE05	3 - 3.5	**62.6**	
S04-DGS-VE05	5 - 5.5	16.4	
S04-DGS-VE06	3 - 3.5	8.3	

SAMPLING LOCATION
Red = Exceeds Screening Level[2]

- Direct-Push
- Excavation
- Soil Boring
- Surface Location

ABOVEGROUND STORAGE TANK (AST)

- Present
- Removed

UNDERGROUND STORAGE TANK (UST)

- Present
- Removed
- RCRA UNIT
- GENERATOR ACCUMULATION POINT (GAP)
- SOLID WASTE MANAGEMENT UNIT (SWMU)
- CATCH BASIN
- MANHOLE
- OIL WATER SEPARATOR (OWS)
- FENCE
- INDUSTRIAL WASTE LINE
- SANITARY SEWER LINE
- STORM SEWER LINE
- CERCLA SITE BOUNDARY
- ENVIRONMENTAL BASELINE SURVEY (EBS) PARCEL BOUNDARY AND NUMBER
- LAND COVER

BUILDING

- Present
- Removed

Notes:
CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act of 1980
GAP = Generator accumulation point
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Buildings 107, 201-223, 226, 227, 230-232, 236, 237, 240-260, 360A through D, OWS 414 and associated washdown area could not be located and are not included on this figure.

[1]Bold denotes "exceeds screening level."
[2]Screening level based on maximum ambient concentration of 49.1 mg/kg for copper.

60 0 60 120 Feet

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Alameda Point
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 6-25 (3 OF 3)
SITE 4 CONCENTRATIONS OF COPPER IN SOIL

Operable Unit 2B
Remedial Investigation Report

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