

Admin. file

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ALAMEDA POINT
SSIC NO. 5090.3

5090
Ser 09ER3DW/L5094
20 Dec 1994

From: Commanding Officer, Engineering Field Activity West
To: US Army Corps of Engineers (Attn. Jake Harari/Arijs Rakstins)

Subj: REMOVAL ACTION SCHEDULE, SITE 15, NAVAL AIR STATION,
ALAMEDA, CA

Encl: (1) Figure 2-2, Surface Sample Locations and Results, PCB Aroclor-1260, Site 15
(2) Figure 2-3, Surface Sample Locations and Results, Total Lead, Site 15
(3) Figure 2-4, Estimated Extent of Soil Remediation, Site 15
(4) Current Project Schedule for RAC - Alameda NAS, Site 15 - Phase 2

Ref: (a) Telecon with Army Corps of Engineers Mr. J. Harari/EFA West (Code 09ER3)
Mr. D. Wong of 13 December 1994

1. Per reference (a) we are providing enclosures (1) through (3) for your information regarding the soil sample results and the estimated extent of soil remediation required for Installation Restoration (IR) Site 15 at Naval Air Station (NAS), Alameda, California. Chemicals of concern at Site 15 are polychlorinated biphenyls (PCBs) and lead in soil. There are no apparently significant chemicals of concern in the groundwater. Currently, there is no available data for sediments in the storm sewer drain. However, contamination along the north edge of NAS Alameda at the Oakland Inner Harbor/Estuary were reported. Chemicals of concern for the inner harbor area include Semi Volatile Organic Compounds (SVOCs), oil and grease, metals, pesticides, PCBs and VOCs.

2. A removal action schedule for IR Site 15 is also provided as shown on enclosure (4). Based on this schedule, contaminated soil excavation and sampling of surface soil will be completed by 3 February 1995. After the completion of these tasks, additional analytical results of the surface soil samples will be available by 18 March 1995. The site will be available for your Oakland Harbor 42-FT Navigation Improvement Project once the cleanup goals are achieved. The cleanup goals for Site 15 are 1 mg/kg for PCBs and 130 mg/kg for lead in soils. Based upon enclosure (4), this will be in early September 1995.

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SUBJ: REMOVAL ACTION SCHEDULE, SITE 15, NAVAL AIR STATION, ALAMEDA,
CA

3. We are committed to provide full cooperation to the Army Corps of Engineers regarding this matter. If you have any questions, please contact Mr. Dennis Wong at (415) 244-2526, FAX (415) 244-2553.

ORIGINAL SIGNED BY

CAMILLE GARIBALDI
By direction

Blind (w/encl) to:

NAS Alameda (Attn: LCDR Mike Petouhoff)

NAS Alameda (Attn: Teresa Bernhard)

COMNAVBASE San Francisco (Attn: Randy Friedman)

PRC Environmental Management, Inc. (Attn: Duane Balch)

Montgomery Watson (Attn: Ken Leung)

International Technology (Attn: Valerie Crooks)

LCDR Mark Lutkenhouse (Code T4E)

Bill Carsillo (Code 24T2WC)

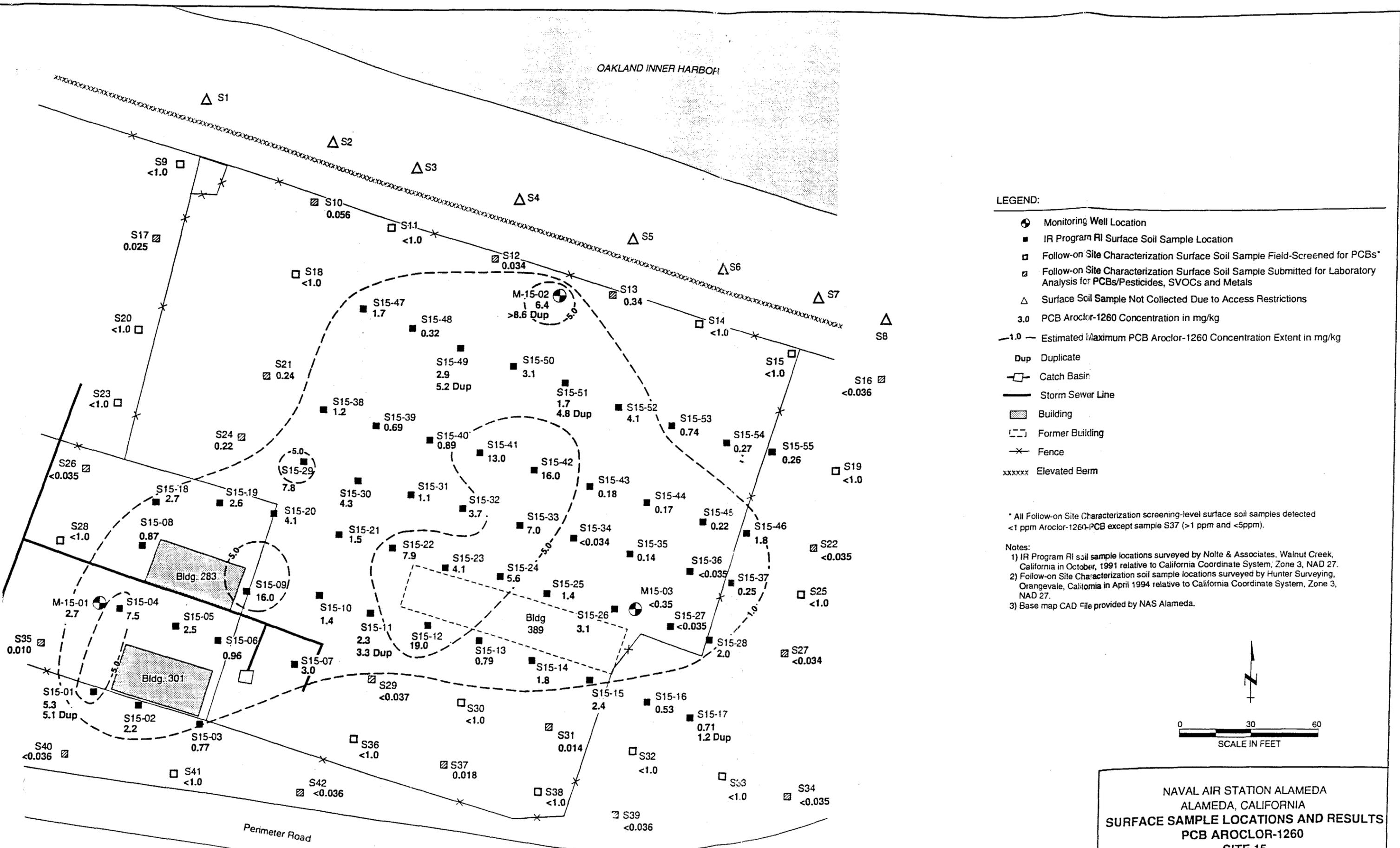
Lidia Chagonjian (Code 022T4)

09ER, 09ER3, 09ER3GM, 09ER3GK, 09ER3DW

Chron, blue, pink, green

WRITER: D. WONG/09ER3/EXT. 2526

FILE: NAS Alameda

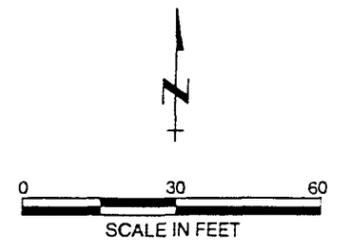


LEGEND:

- Monitoring Well Location
- IR Program RI Surface Soil Sample Location
- Follow-on Site Characterization Surface Soil Sample Field-Screened for PCBs*
- ▨ Follow-on Site Characterization Surface Soil Sample Submitted for Laboratory Analysis for PCBs/Pesticides, SVOCs and Metals
- △ Surface Soil Sample Not Collected Due to Access Restrictions
- 3.0 PCB Aroclor-1260 Concentration in mg/kg
- 1.0 - Estimated Maximum PCB Aroclor-1260 Concentration Extent in mg/kg
- Dup Duplicate
- Catch Basin
- Storm Sewer Line
- ▨ Building
- Former Building
- Fence
- xxxxxx Elevated Berm

* All Follow-on Site Characterization screening-level surface soil samples detected <1 ppm Aroclor-1260-PCB except sample S37 (>1 ppm and <5ppm).

- Notes:
- 1) IR Program RI soil sample locations surveyed by Nolte & Associates, Walnut Creek, California in October, 1991 relative to California Coordinate System, Zone 3, NAD 27.
 - 2) Follow-on Site Characterization soil sample locations surveyed by Hunter Surveying, Orangevale, California in April 1994 relative to California Coordinate System, Zone 3, NAD 27.
 - 3) Base map CAD File provided by NAS Alameda.



NAVAL AIR STATION ALAMEDA
ALAMEDA, CALIFORNIA
SURFACE SAMPLE LOCATIONS AND RESULTS
PCB AROCLOR-1260
SITE 15

FIGURE 2-2

ENCLOSURE (1)

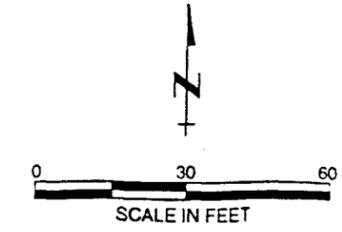
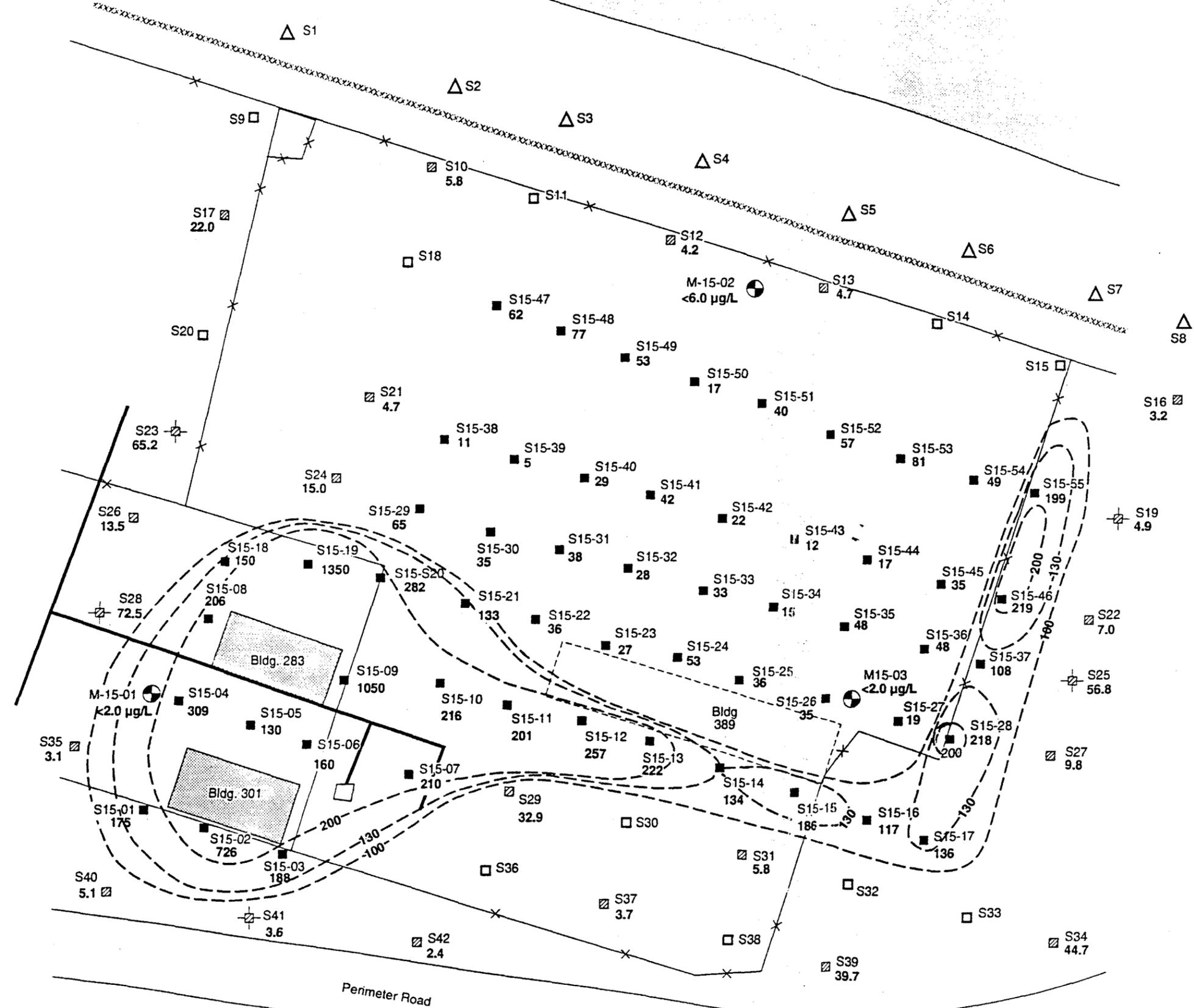
OAKLAND INNER HARBOR

LEGEND:

- Monitoring Well Location
- IR Program RI Surface Soil Sample Location
- Follow-on Site Characterization Surface Soil Sample Location
- ▣ Follow-on Site Characterization Surface Soil Sample Submitted for Laboratory Analysis for Metals (Including Lead)
- ⊕ Additional Follow-on Site Characterization Sample Submitted for Laboratory Analysis for Lead Only
- △ Surface Soil Samples Not Collected Due to Access Restrictions
- 150 Lead Concentration* (mg/kg) (Surface)
* at 2.0 ft. bgs, lead <10 mg/kg
- 100- Estimated Maximum Lead Concentration Extent in mg/kg
- ▭ Catch Basin
- Storm Sewer Line
- ▨ Building
- ▤ Former Building
- x- Fence
- xxxxxx Elevated Berm

Notes:

- 1) IR Program RI soil sample locations surveyed by Nolte & Associates, Walnut Creek, California in October, 1991 relative to California Coordinate System, Zone 3, NAD 27.
- 2) Follow-on Site Characterization soil sample locations surveyed by Hunter Surveying, Orangevale, California in April 1994 relative to California Coordinate System, Zone 3, NAD 27.
- 3) Base map CAD File provided by NAS Alameda.



ENCLOSURE (2)

NAVAL AIR STATION ALAMEDA
ALAMEDA, CALIFORNIA
SURFACE SAMPLE LOCATIONS AND RESULTS
TOTAL LEAD
SITE 15

FIGURE 2-3

OAKLAND INNER HARBOR



LEGEND:

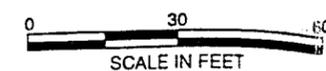
- Monitoring Well Location
- IR Program RI Surface Soil Sample Location
- Follow-on Site Characterization Surface Soil Sample Location
- Surface Soil Samples Not Collected Due to Access Restrictions
- Estimated Extent of Excavation of Soil Containing PCBs
- Estimated Extent of Excavation of Soil Containing PCBs and Lead
- PCB Aroclor-1260 Concentrations Above 1.0 mg/kg
- Lead Concentrations Above 130 mg/kg
- Catch Basin
- Storm Sewer Line
- Fence
- Elevated Berm

Notes:

- 1) IR Program RI soil sample locations surveyed by Nolte & Associates, Walnut Creek, California in October, 1991 relative to California Coordinate System, Zone 3, NAD 27.
- 2) Follow-on Site Characterization soil sample locations surveyed by Hunter Surveying, Orangevale, California in April 1994 relative to California Coordinate System, Zone 3, NAD 27.
- 3) Base map CAD File provided by NAS Alameda.



ENCLOSURE (3)



NAVAL AIR STATION ALAMEDA
 ALAMEDA, CALIFORNIA
ESTIMATED EXTENT OF SOIL REMEDIATION
 SITE 15
 FIGURE 2-4

002

IT CORPORATION

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ACTIVITY DESCRIPTION	EARLY START	EARLY FINISH	REM DUR	1994				1995											
				SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
NOTICE TO PROCEED	27SEP94A		0	◆ 001-00-000															
				MOBILIZATION & PREPARATORY WORK															
CONSTRUCTION QUALITY CONTROL PLAN	30CT94A	180CT94A	0	▬ 001-03-014															
ENVIRONMENTAL PROTECTION PLAN	100CT94A	180CT94A	0	▬ 001-03-004															
SITE SAFETY AND HEALTH PLAN	140CT94A	200CT94A	0	▬ 001-03-008															
GENERAL SITE WORK PLAN	140CT94A	200CT94A	0	▬ 001-03-013															
LOCAL PERMITS	140CT94A	270CT94A	0	▬ 001-03-030															
GRADING PLAN & TOPO SURVEY	140CT94A	22NOV94A	0	▬ 001-03-090															
NAVY REVIEW OF PLANS	190CT94A	310CT94A	0	▬ 001-03-092															
PRE-CONSTR /MUTUAL UNDERSTD MTG	260CT94A	260CT94A	0	▬ 001-03-091															
REVISE PLANS	260CT94A	2NOV94A	0	▬ 001-03-093															
MOBILIZATION ACTIVITIES	3NOV94A	10NOV94A	0	▬ 001-01-000															
				FIELD OPERATIONS															
MISC WASTE ANALYSIS AUTHORIZATION TO PROCEED REQUIRED !	170CT94A	3JAN95	5	▬ 002-04-006															
SEDIMENT BARRIERS - SILT FENCE	7NOV94A	8NOV94A	0	▬ 005-07-001															
AIR SAMPLING, TESTING & MONITORING	4JAN95	17JUL95	135	▬ 002-00-000															
GROUNDWATER COLLECTION & CONTRDL	4JAN95	17JUL95	135	▬ 006-00-000															
DEMOLITION OF STRUCTURES & ASPHALT	4JAN95	18JAN95	10	▬ 010-03-020															
SAMPLING LIQUID WASTE	19JAN95	16JUN95	105	▬ 002-05-003															
EXCAVATE CONTAMINATED SOIL	19JAN95	3FEB95	12	▬ 008-01-090															
SAMPLING SURFACE SOIL	19JAN95	3FEB95	12	▬ 002-06-001															
DISPOSAL - LOADING & HAULING OF SOLIDS	19JAN95	24JAN95	4	▬ 019-02-001															
SOIL/SEDIMENT ANALYSIS	26JAN95	16JUN95	100	▬ 002-04-007															
SOIL WASHING	26JAN95	16JUN95	100	▬ 013-04-090															
BACKFILL	19JUN95	30JUN95	10	▬ 020-01-003															
PRIORITY POLLUTANT ANALYSIS - LIQUID	19JUN95	30JUN95	10	▬ 002-04-003															
INSTALL FINAL FENCING	3JUL95	10JUL95	5	▬ 020-03-090															
BORROW	3JUL95	5JUL95	2	▬ 020-01-004															
DEMobilIZATION	11JUL95	17JUL95	5	▬ 021-00-000															
POST CONSTR SURVEY	11JUL95	11JUL95	1	▬ 021-06-004															

Plot Date 7DEC94
 Data Date 30NOV94
 Project Start 26OCT94
 Project Finish 28OCT94

Activity Bar/Early Date
 Critical Activity
 Progress Bar
 Milestone/Tag Activity

WESTDIV RAC - ALAMEDA NAS
 SITE 15 - PHASE 2
 DELIVERY ORDER 0004

WESTDIV RAC - ALAMEDA NAS
 SITE 15 - PHASE 2
 DELIVERY ORDER 0004

Date	Revision	Checked	Approved

Enclosure (4)a

