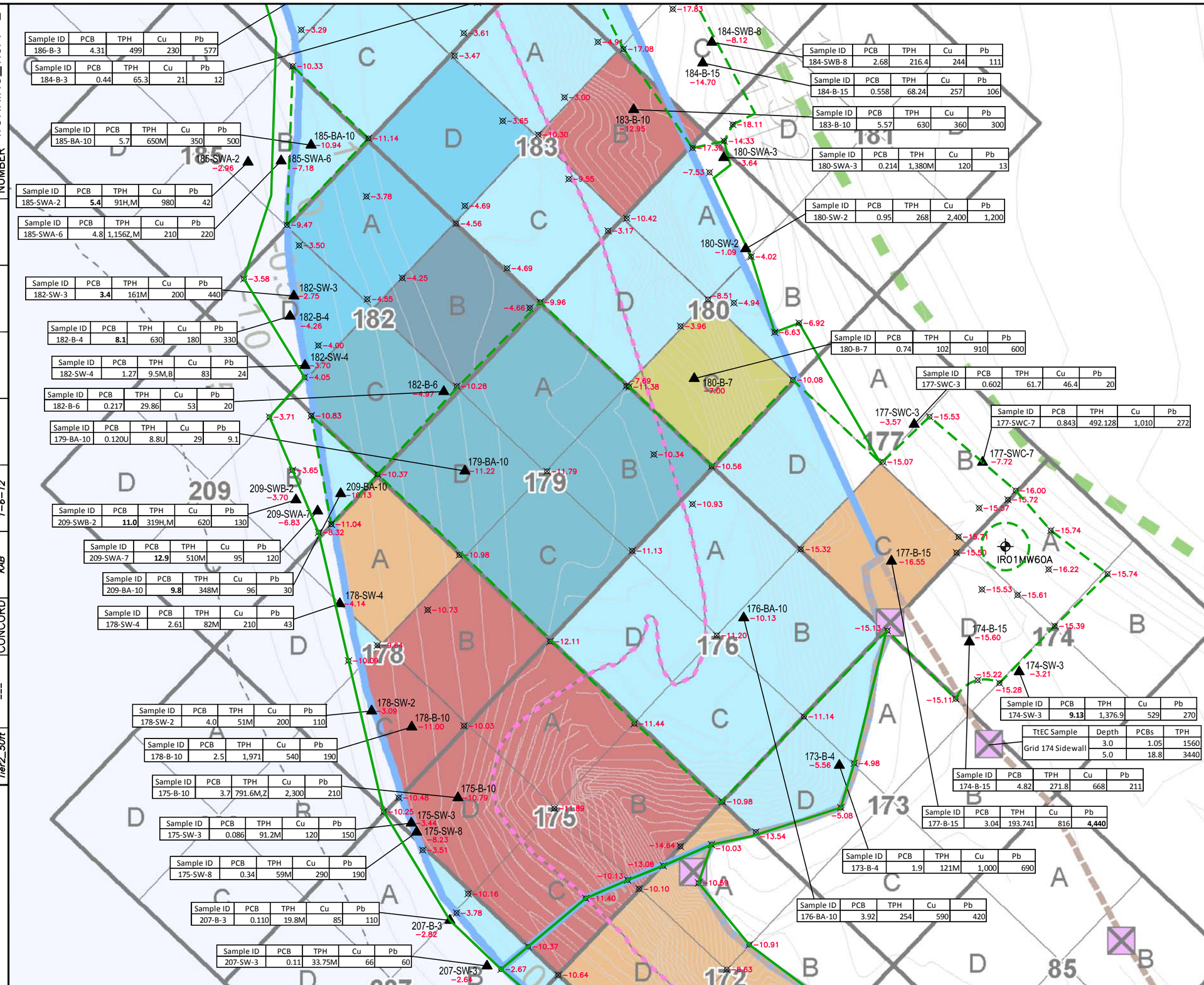

Sample ID	PCB	TPH	Cu	Pb
186-B-3	4.31	499	230	577

Sample ID	PCB	TPH	Cu	Pb
184-B-3	0.44	65.3	21	12

Sample ID	PCB	TPH	Cu	Pb
185-BA-10	5.7	650M	350	500

Sample ID	PCB	TPH	Cu	Pb
185-SWA-2	**5.4**	91H,M	980	42

Sample ID	PCB	TPH	Cu	Pb
185-SWA-6	4.8	1,156Z,M	210	220

Sample ID	PCB	TPH	Cu	Pb
182-SW-3	**3.4**	161M	200	440

Sample ID	PCB	TPH	Cu	Pb
182-B-4	**8.1**	630	180	330

Sample ID	PCB	TPH	Cu	Pb
182-SW-4	1.27	9.5M,B	83	24

Sample ID	PCB	TPH	Cu	Pb
182-B-6	0.217	29.86	53	20

Sample ID	PCB	TPH	Cu	Pb
179-BA-10	0.120U	8.8U	29	9.1

Sample ID	PCB	TPH	Cu	Pb
209-SWB-2	**11.0**	319H,M	620	130

Sample ID	PCB	TPH	Cu	Pb
209-SWA-7	**12.9**	510M	95	120

Sample ID	PCB	TPH	Cu	Pb
209-BA-10	**9.8**	348M	96	30

Sample ID	PCB	TPH	Cu	Pb
178-SW-4	2.61	82M	210	43

Sample ID	PCB	TPH	Cu	Pb
178-SW-2	4.0	51M	200	110

Sample ID	PCB	TPH	Cu	Pb
178-B-10	2.5	1,971	540	190

Sample ID	PCB	TPH	Cu	Pb
175-B-10	3.7	791.6M,Z	2,300	210

Sample ID	PCB	TPH	Cu	Pb
175-SW-3	0.086	91.2M	120	150

Sample ID	PCB	TPH	Cu	Pb
175-SW-8	0.34	59M	290	190

Sample ID	PCB	TPH	Cu	Pb
207-B-3	0.110	19.8M	85	110

Sample ID	PCB	TPH	Cu	Pb
207-SW-3	0.11	33.75M	66	60

Sample ID	PCB	TPH	Cu	Pb
184-SWB-8	2.68	216.4	244	111

Sample ID	PCB	TPH	Cu	Pb
184-B-15	0.558	68.24	257	106

Sample ID	PCB	TPH	Cu	Pb
183-B-10	5.57	630	360	300

Sample ID	PCB	TPH	Cu	Pb
180-SWA-3	0.214	1,380M	120	13

Sample ID	PCB	TPH	Cu	Pb
180-SW-2	0.95	268	2,400	1,200

Sample ID	PCB	TPH	Cu	Pb
180-B-7	0.74	102	910	600

Sample ID	PCB	TPH	Cu	Pb
177-SWC-3	0.602	61.7	46.4	20

Sample ID	PCB	TPH	Cu	Pb
177-SWC-7	0.843	492.128	1,010	272

Sample ID	PCB	TPH	Cu	Pb
177-B-15	3.04	193.741	816	**4,440**

Sample ID	PCB	TPH	Cu	Pb
173-B-4	1.9	121M	1,000	690

Sample ID	PCB	TPH	Cu	Pb
176-BA-10	3.92	254	590	420

Sample ID	PCB	TPH	Cu	Pb
174-SW-3	**9.13**	1,376.9	529	270

TtEC Sample	Depth	PCBs	TPH
Grid 174 Sidewall	3.0	1.05	1560
	5.0	18.8	3440

Sample ID	PCB	TPH	Cu	Pb
174-B-15	4.82	271.8	668	211

LEGEND

- SURVEY POINT LOCATION
- −3.96 EXCAVATION OR SAMPLE DEPTH IN FEET
- SAMPLE LOCATION
  - B – BOTTOM
  - SW – SIDEWALL
- WELL
- LIMIT OF EXCAVATION
- AREA OF OVEREXCAVATION
- Excavation to 3-ft Depth
- Excavation to 3.5-ft Depth
- Excavation to 4-ft Depth
- Excavation to 4.5-ft Depth
- Excavation to 5-ft Depth
- Excavation to 6-ft Depth
- Excavation to 7-ft Depth
- Excavation to 8-ft Depth
- Excavation to 10-ft Depth
- Hot Spot Excavation
- Shoreline from Draft Final RI/FS, Feb. 2009

PROJECT ACTION LIMITS (mg/kg)

Matrix	PCB	TPH	Copper (Cu)	Lead (Pb)
Sediment	1.8	3,500	2,700	2,180
Soil	7.4	3,500	4,700	1,970

Bold results are above Project Action Limits (PAL); over excavation and re-sampling will be performed per the SAP.

Samples collected below three feet are con- sidered soil and are compared to the soil PALs.

Sidewall samples that plot inside the excavation limits are due to sloping of the excavation wall.

B analyte reported was detected in the associated method blank
D hydrocarbon pattern resembling diesel was detected in the sample
H heavy fuel hydrocarbons present in the sample
J estimated value
M hydrocarbon pattern resembling motor oil present in the sample chromatogram
U analyte not detected at reporting limit
Z hydrocarbon pattern present did not resemble standard fuel chromatograms

10 0 10 20
Scale in Feet

Shaw

Hunters Point Naval Shipyard
San Francisco, California
U.S. Department of the Navy
NAVFAC SW
San Diego, California

TIER 2 - SHEET 2
EXCAVATION PROGRESS MAP
01-06-2012

TIME-CRITICAL REMOVAL ACTION FOR THE PCB HOT SPOT AREA AT PARCEL E-2

DRAWING NUMBER	WORKING_Tier1–2
APPROVED BY	
CHECKED BY	
DRAWN BY	1–6–12
	KAB
OFFICE	CONCORD
X–REF	---
IMAGE	Tier2_50ft