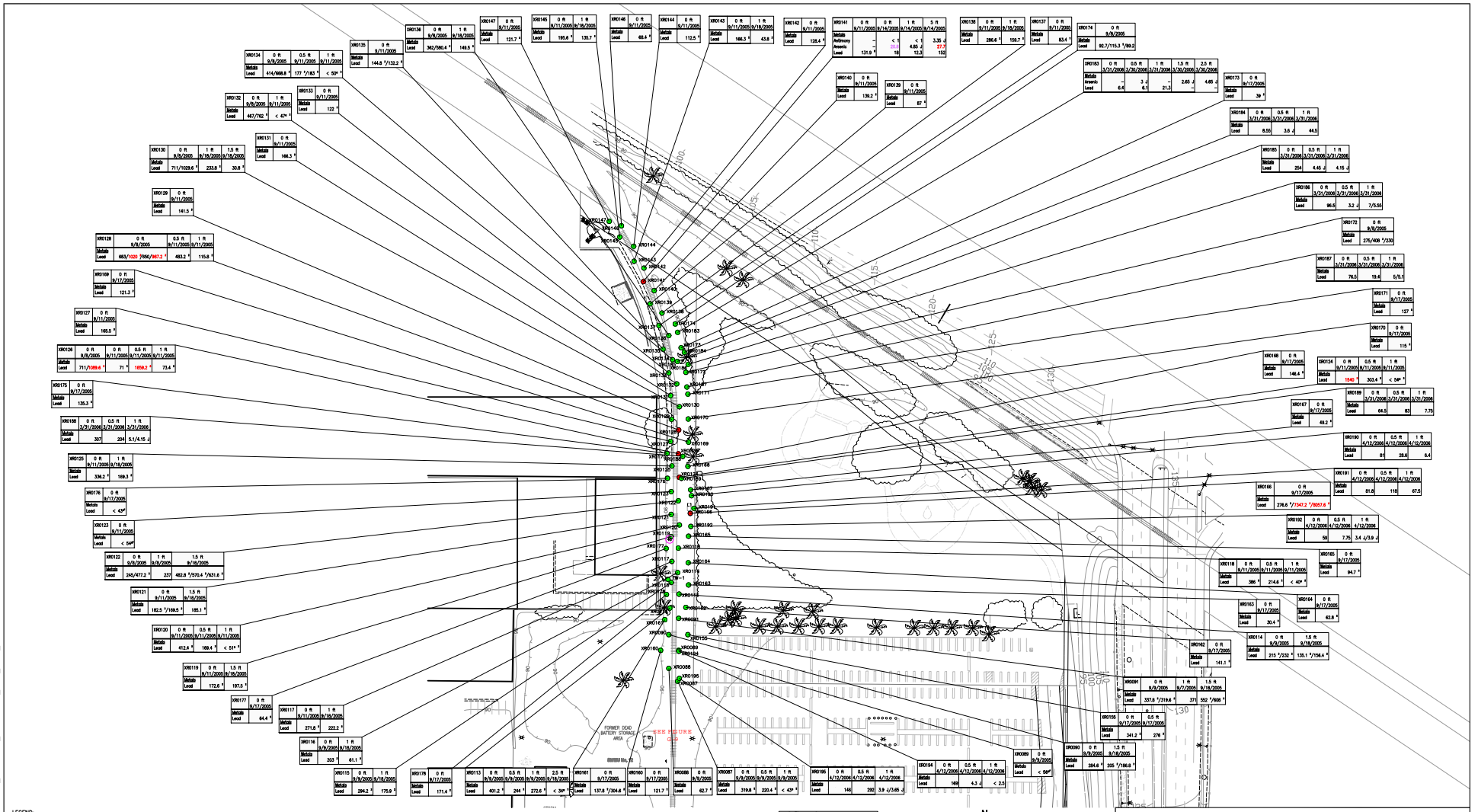


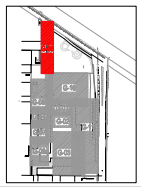
LEGEND:

- LOCATIONS THAT WILL BE EXCAVATED BASED ON CONCENTRATIONS OF CHEMICALS EXCEEDING THE CUMULATIVE RISK-BASED REMEDIATION CRITERIA
- LOCATIONS WITH ARSENIC CONCENTRATIONS BETWEEN THE TARGET EXPOSURE POINT CONCENTRATIONS (TARGET EPC) AND THE CUMULATIVE RISK-BASED REMEDIATION CRITERION, THAT WILL BE EXCAVATED DUE TO INTERPRETATION AS BEING WITHIN A "HOT SPOT"
- LOCATIONS WITH CONCENTRATIONS OF CHEMICALS BETWEEN THE TARGET EPCs AND THE CUMULATIVE RISK-BASED REMEDIATION CRITERIA THAT ARE NOT PROPOSED FOR EXCAVATION:
  - ANTIMONY 7.5 TO 54.5 MG/KG
  - ARSENIC 5.6 TO 9.05 MG/KG
  - TOTAL PCBs 0.7 TO 3.82 MG/KG
- LOCATIONS THAT HAVE CONCENTRATIONS OF CHEMICALS BELOW THE CUMULATIVE RISK-BASED REMEDIATION CRITERIA AND THEREFORE WOULD REMAIN IN PLACE.

① AOI LOCATION

NOTES:
1. RESULTS IN RED ARE GREATER THAN THE PROPOSED INDUSTRIAL RISK-BASED SOIL REMEDIATION CRITERIA. ARSENIC RESULTS IN PURPLE ARE BETWEEN TARGET EPC AND THE CUMULATIVE RISK-BASED REMEDIATION CRITERION.
2. COMPOUNDS SHOWN IN DATA BOXES ARE THOSE THAT HAVE PROPOSED INDUSTRIAL REMEDIATION CRITERIA ESTABLISHED.
3. UNITS ARE IN MG/KG.
4. VOLATILE ORGANIC COMPOUNDS (VOCs) SHOWN ON SEPARATE FIGURE SET.
5. NON-DETECTS ARE SHOWN AS < MDL. WHEN THE MDL WAS NOT AVAILABLE, THE REPORTED LIMIT WAS SHOWN (AS NOTED WITH A *).
6. [2] – XRF LEAD DATA
7. TARGET EPC = THE 95% UPPER CONFIDENCE LIMIT OF THE ARITHMETIC MEAN (95% UCL) CONCENTRATION OR THE MAXIMUM OBSERVED ONSITE CONCENTRATION TO WHICH THE RECEPTOR MAY BE EXPOSED WITHOUT POSING A SIGNIFICANT UNACCEPTABLE HEALTH RISK.

Compound	Proposed Remediation Criteria (mg/kg)
Antimony	54.5
Arsenic	7.5
Benzo(a)anthracene	0.125
Benzo(a)pyrene	0.125
Benzo(b)fluoranthene	0.125
Benzo(k)fluoranthene	0.125
Chromium VI	1
Chrysene	0.125
Indeno(1,2,3-cd)pyrene	0.125
Lead	800
Total PCBs	3.82
1,2,4-Trimethylbenzene	0.062
1,3,5-Trimethylbenzene	0.174
Naphthalene	0.174



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FORMER BATTERY OPERATIONS, 1201 N. MAGNOLIA
ANAHEIM, CALIFORNIA
32486-009

SOIL SAMPLE DATA COMPARED TO PROPOSED REMEDIATION CRITERIA (AOI 48)

SCALE: AS SHOWN
MARCH 2007

FIGURE G-8

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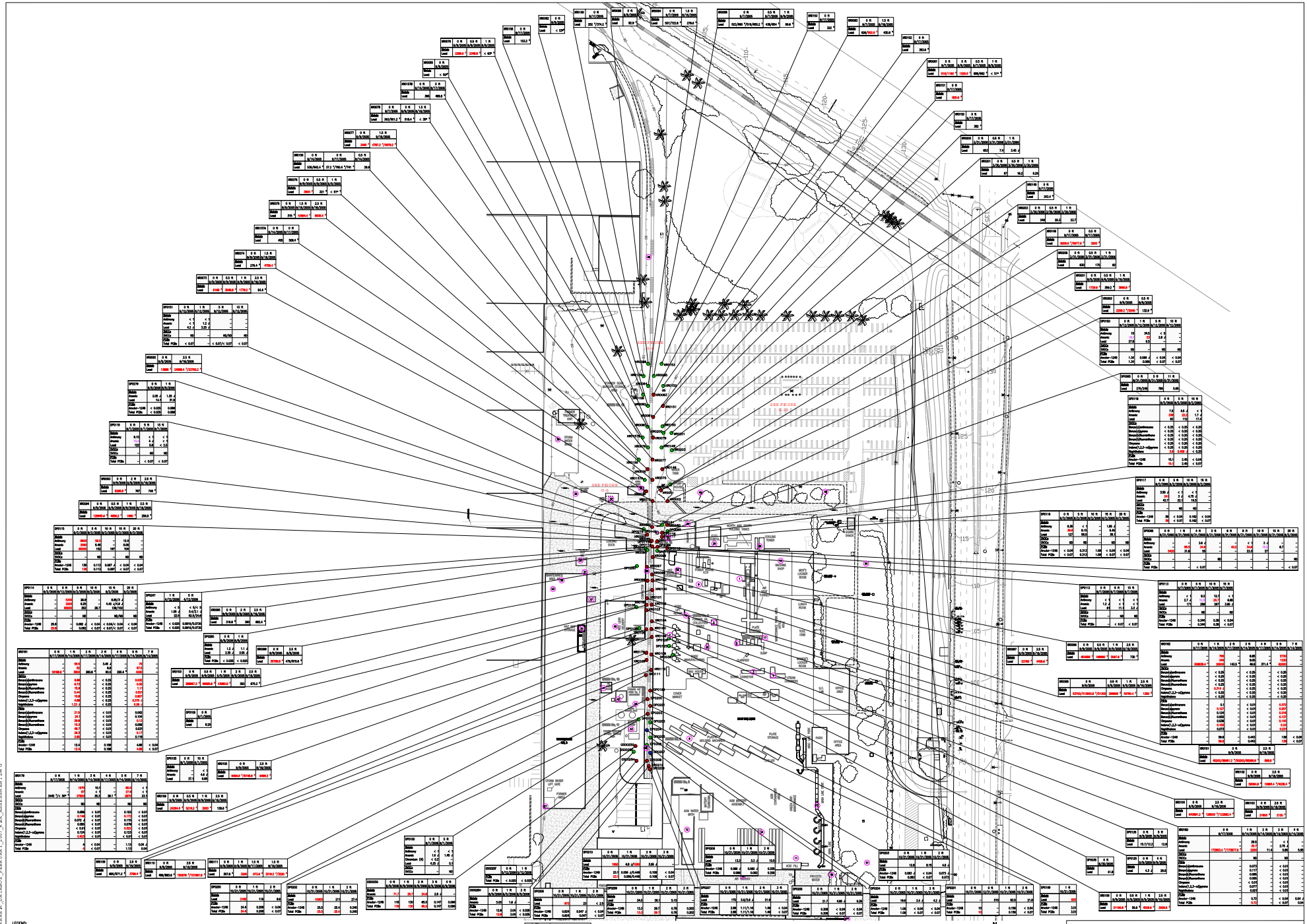


LEGEND:

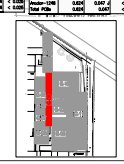
- LOCATIONS THAT WILL BE EXCAVATED BASED ON CONCENTRATIONS OF CHEMICALS EXCEEDING THE CUMULATIVE RISK-BASED REMEDIATION CRITERIA
- LOCATIONS WITH ARSENIC CONCENTRATIONS BETWEEN THE TARGET EXPOSURE POINT CONCENTRATIONS (TARGET EPC) AND THE CUMULATIVE RISK-BASED REMEDIATION CRITERION, THAT WILL BE EXCAVATED DUE TO INTERPRETATION AS BEING WITHIN A "HOT SPOT"
- LOCATIONS WITH CONCENTRATIONS OF CHEMICALS BETWEEN THE TARGET EPCs AND THE CUMULATIVE RISK-BASED REMEDIATION CRITERIA THAT ARE NOT PROPOSED FOR EXCAVATION:
  ANTIMONY 7.5 TO 54.5 MG/KG
  ARSENIC 5.6 TO 9.05 MG/KG
  TOTAL PCBs 0.7 TO 3.82 MG/KG
- LOCATIONS THAT HAVE CONCENTRATIONS OF CHEMICALS BELOW THE CUMULATIVE RISK-BASED REMEDIATION CRITERIA AND THEREFORE WOULD REMAIN IN PLACE.

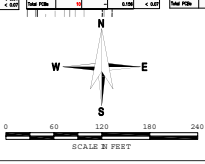
① AOI LOCATION

NOTES:

1. RESULTS IN RED ARE GREATER THAN THE PROPOSED INDUSTRIAL RISK-BASED SOIL REMEDIATION CRITERIA. ARSENIC RESULTS IN PURPLE ARE BETWEEN TARGET EPC AND THE CUMULATIVE RISK-BASED REMEDIATION CRITERION.
2. COMPOUNDS SHOWN IN DATA BOXES ARE THOSE THAT HAVE PROPOSED INDUSTRIAL REMEDIATION CRITERIA ESTABLISHED.
3. UNITS ARE IN MG/KG.
4. VOLATILE ORGANIC COMPOUNDS (VOCs) SHOWN ON SEPARATE FIGURE SET.
5. NON-DETECTS ARE SHOWN AS < MDL WHEN THE MDL WAS NOT AVAILABLE, THE REPORTED LIMIT WAS SHOWN (AS NOTED WITH A *).
6. ? – XRF LEAD DATA
7. TARGET EPC = THE 95% UPPER CONFIDENCE LIMIT OF THE ARITHMETIC MEAN (95% UCL) CONCENTRATION OR THE MAXIMUM OBSERVED ONSITE CONCENTRATION TO WHICH THE RECEPTOR MAY BE EXPOSED WITHOUT POSING A SIGNIFICANT UNACCEPTABLE HEALTH RISK.

Compound	Proposed Industrial Risk-Based Remediation Criteria
Antimony	54.5
Arsenic	9.05
Benzo(a)anthracene	0.125
Benzo(a)pyrene	0.125
Benzo(b)fluoranthene	0.125
Benzo(k)fluoranthene	0.125
Chrysene	0.125
Indeno(1,2,3-cd)pyrene	0.125
Naphthalene	0.125
Total PCBs	0.125





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32486-009

SOIL SAMPLE DATA COMPARED TO PROPOSED REMEDIATION CRITERIA (AOI 48)

SCALE: AS SHOWN
MARCH 2007

FIGURE G-9

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