

OU-2B SAMPLES AND WELLS

- S3-TT-MW04 ○ SUPPLEMENTAL DGI STUDY GROUNDWATER MONITORING WELL LOCATION AND ID
- S4-HP16 ○ SUPPLEMENTAL DGI HYDROPUNCH SAMPLE LOCATION AND ID
- S4-HP16 ○ SUPPLEMENTAL DGI HYDROPUNCH SAMPLE LOCATION AND ID WHERE BENTONITE LAYER WAS ENCOUNTERED
- DVE 15 ○ DUAL-VAPOR EXTRACTION LOCATION AND ID PROPOSED FOR SAMPLING
- S9-HP09 ○ DATA GAP STUDY HYDROPUNCH SAMPLE LOCATION AND ID WITH RESULTS ABOVE SCREENING LEVELS (TTEC, 2008)
- S3-HP04 ○ DATA GAP STUDY HYDROPUNCH SAMPLE LOCATION AND ID WITH RESULTS BELOW SCREENING LEVELS (TTEC, 2008)
- S13-B09A ○ SOIL SAMPLE LOCATION AND ID (TTEC, 2008)
- ONS 185 ○ SOLID WASTE MANAGEMENT UNIT AND ID SAMPLED DURING THE DATA GAPS INVESTIGATION
- M13P ○ EXISTING GROUNDWATER MONITORING WELL, ID AND SCREEN INTERVAL (ITSI, 2008)
- M03-08 ○ DATA GAP STUDY MONITORING WELL LOCATION AND ID (TTEC, 2008)
- S04-DGS-DP10 ○ 2 HYDROPUNCH SAMPLE LOCATION AND ID (TTEMI, 2002)

OU-2A AND OU-2B GROUNDWATER FEATURES

- APPROXIMATE EXTENT OF LEAD PLUME ABOVE SCREENING LEVELS (ITSI, 2008) (DASHED WHERE INFERRED)
- APPROXIMATE EXTENT OF NICKEL PLUME ABOVE SCREENING LEVELS (DASHED WHERE INFERRED)
- APPROXIMATE EXTENT OF ARSENIC PLUME GREATER THAN 100 µg/L (DASHED WHERE INFERRED)

OU-2A AND OU-2B FEATURES

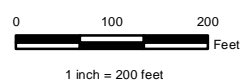
- CATCH BASIN
- ROAD
- INDUSTRIAL WASTE LINE (APPROX 8 FT BGS)
- SANITARY SEWER LINE (APPROX 8 FT BGS)
- STORM SEWER LINE (APPROX 3 FT BGS)
- IR SITE BOUNDARY
- OPERABLE UNIT-2B
- BUILDING AND BUILDING NUMBER

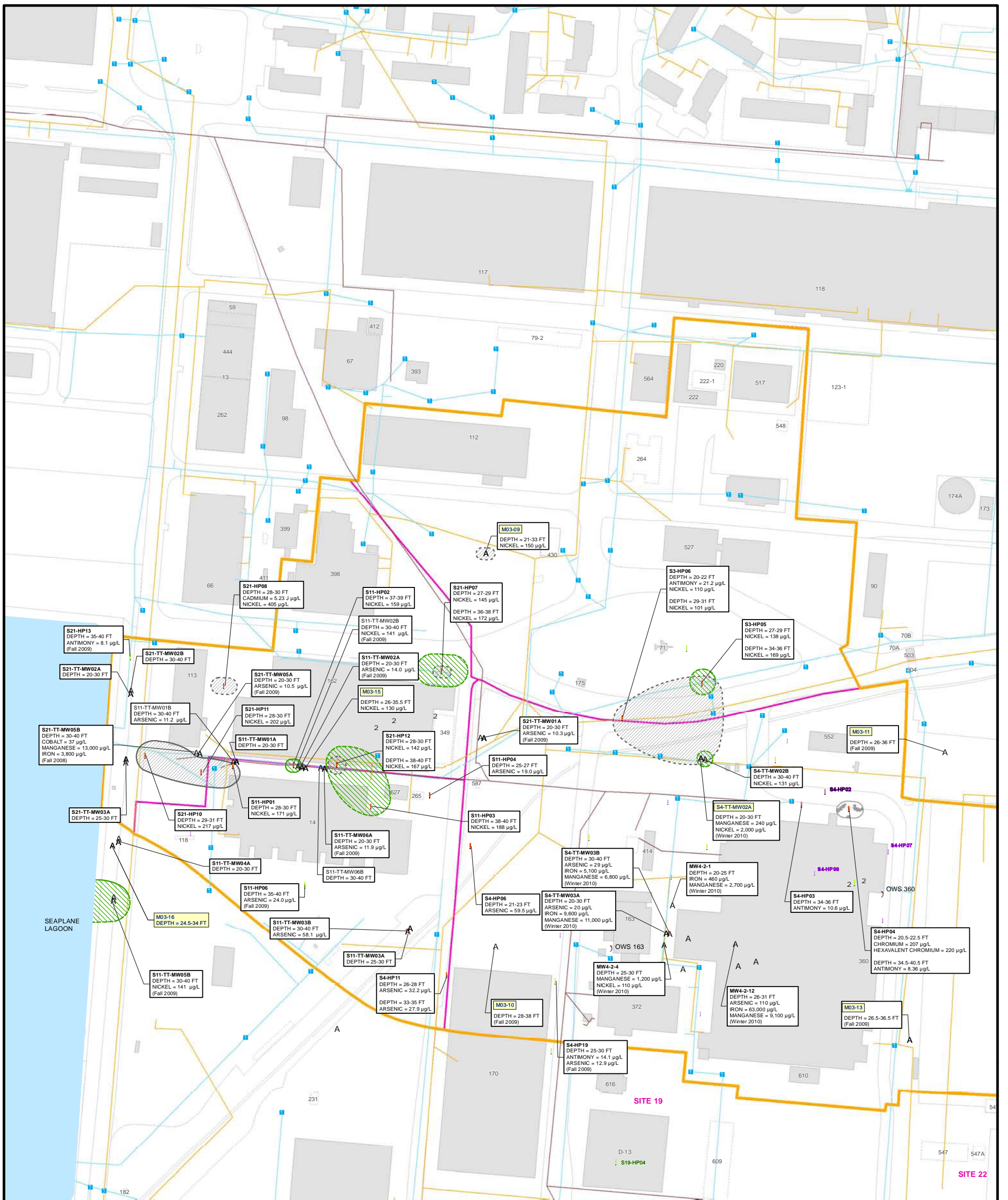
ABBREVIATIONS AND ACRONYMS:

- µg/L - MICROGRAMS PER LITER
- BGS - BELOW GROUND SURFACE
- DVE - DUAL-PHASE VAPOR EXTRACTION
- FT - FEET
- FWBZ - FIRST WATER-BEARING ZONE (5-15 FT BGS)
- ISCO - IN SITU CHEMICAL OXIDATION
- IT - INTERNATIONAL TECHNICAL CORPORATION
- ITSI - INNOVATIVE TECHNOLOGY SOLUTIONS, INC.
- IR - INSTALLATION RESTORATION
- J - ESTIMATED VALUE
- JP5 - JET PROPELLANT GRADE 5
- OU - OPERABLE UNIT
- OWS - OIL/WATER SEPARATOR
- TPH - TOTAL PETROLEUM HYDROCARBONS
- VOC - VOLATILE ORGANIC COMPOUND

OU-2B FS Revised Draft Revision 2
Distribution of Metals Exceeding MCLs
(5 - 20 ft BGS)
 Alameda, CA

Date: 04-11 Project No. 106687 Figure 38





OU-2B SAMPLES AND WELLS

- S9-TT-MW04 SUPPLEMENTAL DGI GROUNDWATER MONITORING WELL LOCATION AND ID
- | S4-HP16 SUPPLEMENTAL DGI HYDROPUNCH SAMPLE LOCATION AND ID
- (DVE 15 DUAL-VAPOR EXTRACTION LOCATION AND ID PROPOSED FOR SAMPLING
-) S9-HP09 DATA GAP STUDY HYDROPUNCH SAMPLE LOCATION AND ID WITH RESULTS ABOVE SCREENING LEVELS (TTEC, 2008)
- | S3-HP04 DATA GAP STUDY HYDROPUNCH SAMPLE LOCATION AND ID WITH RESULTS BELOW SCREENING LEVELS (TTEC, 2008)
- . S13-B09A SOIL SAMPLE LOCATION AND ID (TTEC, 2008)
-) OWS 180 SOLID WASTE MANAGEMENT UNIT AND ID SAMPLED DURING THE DATA GAPS INVESTIGATION
- | M3-P DEPTH = 10-35 FT EXISTING GROUNDWATER MONITORING WELL, A ID AND SCREEN INTERVAL (ITSI, 2008)
- A M03-09 A DATA GAP STUDY MONITORING WELL LOCATION AND ID (TTEC, 2008)
- 2 S04-DGS-0P10 HYDROPUNCH SAMPLE LOCATION AND ID (TTEMI, 2002)

OU-2A AND OU-2B GROUNDWATER FEATURES

- APPROXIMATE EXTENT OF NICKEL PLUME ABOVE SCREENING LEVELS (20-30FT BGS) (DASHED WHERE INFERRED)
- APPROXIMATE EXTENT OF NICKEL PLUME ABOVE SCREENING LEVELS (30-40FT BGS) (DASHED WHERE INFERRED)
- INFERRED EXTENT OF CHROMIUM PLUME ABOVE SCREENING LEVELS (20-30FT BGS) (DASHED WHERE INFERRED)

OU-2A AND OU-2B FEATURES

- CATCH BASIN
- ~ ROAD
- ~ INDUSTRIAL WASTE LINE (APPROX 8 FT BGS)
- ~ SANITARY SEWER LINE (APPROX 8 FT BGS)
- ~ STORM SEWER LINE (APPROX 3 FT BGS)
- IR SITE BOUNDARY
- OPERABLE UNIT-2B
- 530 BUILDING AND BUILDING NUMBER

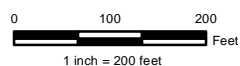
ABBREVIATIONS AND ACRONYMS:

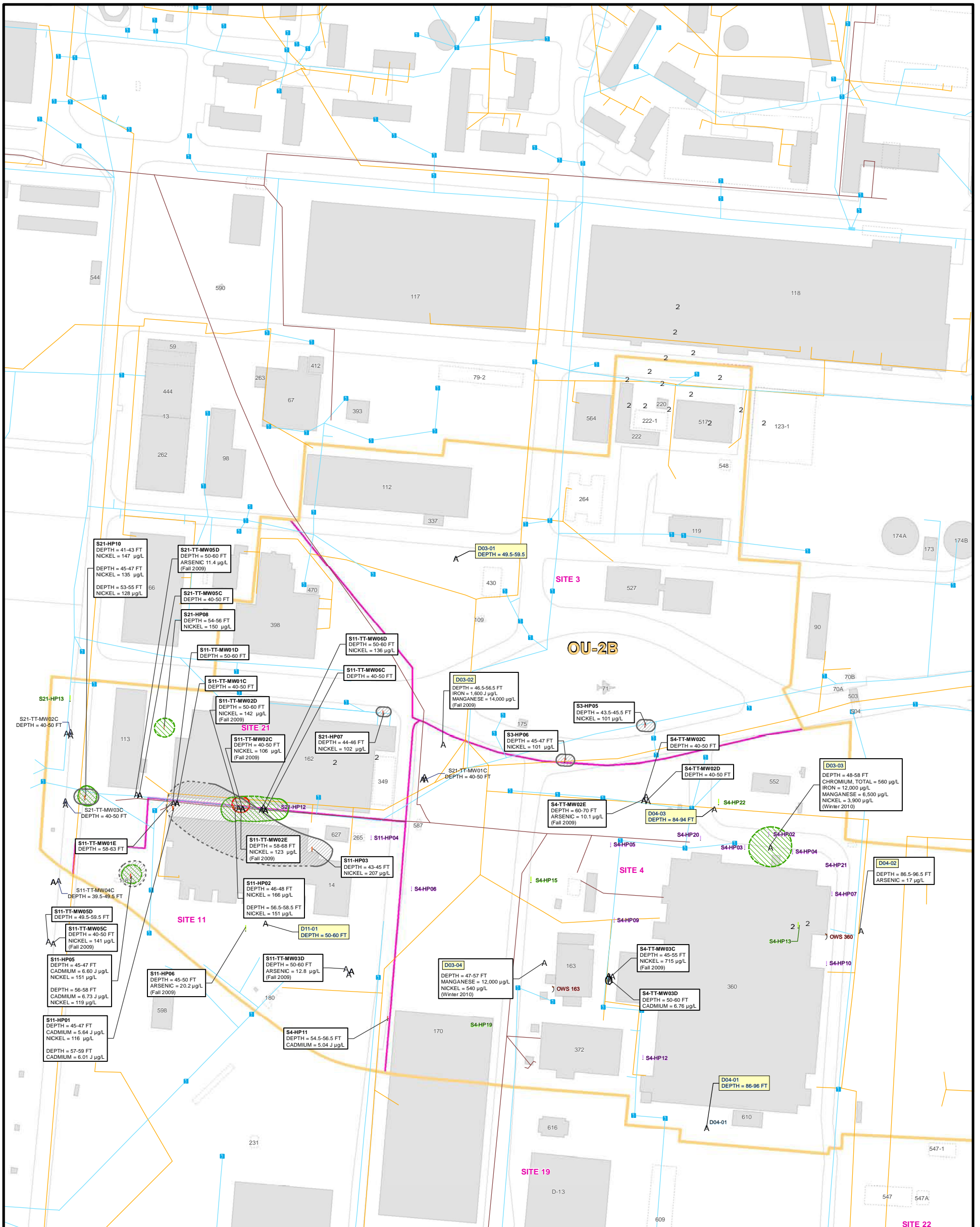
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- OWS - OIL/WATER SEPARATOR
- TPH - TOTAL PETROLEUM HYDROCARBONS
- VOC - VOLATILE ORGANIC COMPOUND

OU-2B FS Revised Draft Revision 2

**Distribution of Metals Exceeding MCLs
(20 feet to 40 feet bgs)
Alameda, CA**

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OU-2B SAMPLES AND WELLS

- S9-TT-MW04 SUPPLEMENTAL DGI GROUNDWATER MONITORING WELL LOCATION AND ID
- S4-HP16 SUPPLEMENTAL DGI HYDROPUNCH SAMPLE LOCATION AND ID
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- S9-HP09 DATA GAP STUDY HYDROPUNCH SAMPLE LOCATION AND ID WITH RESULTS ABOVE SCREENING LEVELS (TTEC, 2008)
- S3-HP04 DATA GAP STUDY HYDROPUNCH SAMPLE LOCATION AND ID WITH RESULTS BELOW SCREENING LEVELS (TTEC, 2008)
- S13-B09A SOIL SAMPLE LOCATION AND ID (TTEC, 2008)
- OWS 163 SOLID WASTE MANAGEMENT UNIT AND ID SAMPLED DURING THE DATA GAPS INVESTIGATION
- M3P DEPTH=10-35 FT EXISTING GROUNDWATER MONITORING WELL, ID AND SCREEN INTERVAL (ITSI, 2008)
- M30-02 A DATA GAP STUDY MONITORING WELL LOCATION AND ID (TTEC, 2008)
- S04-DGS-0P11 2 HYDROPUNCH SAMPLE LOCATION AND ID (TTEMI, 2002)

OU-2A AND OU-2B GROUNDWATER FEATURES

- APPROXIMATE EXTENT OF NICKEL PLUME ABOVE SCREENING LEVELS (40-50FT BGS) (DASHED WHERE INFERRED)
- APPROXIMATE EXTENT OF NICKEL PLUME ABOVE SCREENING LEVELS (50-60FT BGS) (DASHED WHERE INFERRED)
- APPROXIMATE EXTENT OF NICKEL PLUME ABOVE SCREENING LEVELS (60-70FT BGS) (DASHED WHERE INFERRED)

OU-2A AND OU-2B FEATURES

- CATCH BASIN
- ROAD
- INDUSTRIAL WASTE LINE (APPROX 8 FT BGS)
- SANITARY SEWER LINE (APPROX 8 FT BGS)
- STORM SEWER LINE (APPROX 3 FT BGS)
- IR SITE BOUNDARY
- OPERABLE UNIT-2B
- BUILDING AND BUILDING NUMBER

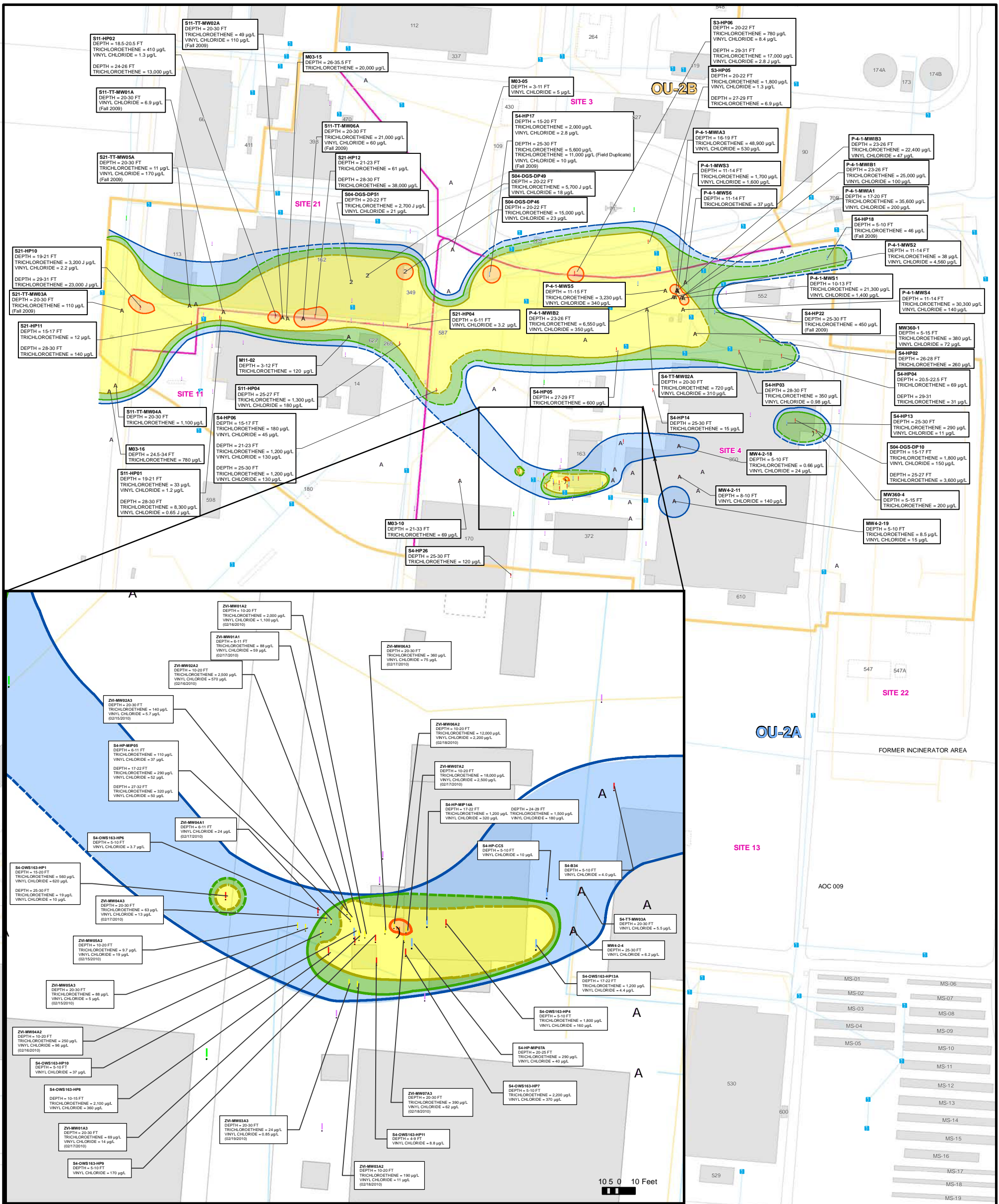
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- J - ESTIMATED VALUE
- JPS - JET PROPELLANT GRADE 5
- OU - OPERABLE UNIT
- OWS - OIL/WATER SEPARATOR
- TPH - TOTAL PETROLEUM HYDROCARBONS
- VOC - VOLATILE ORGANIC COMPOUND

OU-2B FS Revised Draft Revision 2

**Distribution of Metals Exceeding MCLs
(40 to 100 feet bgs)**
Alameda, CA

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OU-2A AND OU-2B SAMPLES AND WELLS

- ! SUPPLEMENTAL DGI HYDROPUNCH SAMPLE LOCATION WITH RESULTS ABOVE RBCs FOR TCE AND/OR VC
- ! SUPPLEMENTAL DGI HYDROPUNCH SAMPLE LOCATION WITH RESULTS BELOW RBCs FOR TCE AND/OR VC
- ! DATA GAP STUDY HYDROPUNCH SAMPLE LOCATION WITH RESULTS ABOVE RBCs FOR TCE AND/OR VC (TTEC, 2008)
- ! DATA GAP STUDY HYDROPUNCH SAMPLE LOCATION WITH RESULTS BELOW RBCs FOR TCE AND/OR VC (TTEC, 2008)
- ! ZVI TREATABILITY STUDY MONITORING WELL LOCATION
- ! SOLID WASTE MANAGEMENT UNIT SAMPLED DURING THE DATA GAPS INVESTIGATION
- A EXISTING GROUNDWATER MONITORING WELL WITH RESULTS ABOVE RBCs FOR TCE AND/OR VC
- A EXISTING GROUNDWATER MONITORING WELL WITH RESULTS BELOW RBCs FOR TCE AND/OR VC
- 2 HISTORICAL SAMPLING LOCATIONS

OU-2A AND OU-2B GROUNDWATER FEATURES

- ! APPROXIMATE EXTENT OF TOTAL TCE & VC PLUME ABOVE RBCs (DASHED WHERE INFERRED)
- ! APPROXIMATE EXTENT OF TOTAL TCE & VC PLUME 100 - 999 µg/L (DASHED WHERE INFERRED)
- ! APPROXIMATE EXTENT OF TOTAL TCE & VC PLUME 1,000 - 9,999 µg/L (DASHED WHERE INFERRED)
- ! APPROXIMATE EXTENT OF TOTAL TCE & VC PLUME 10,000 - 99,999 µg/L

OU-2A AND OU-2B FEATURES

- ! CATCH BASIN
- ! ROAD
- ! SANITARY SEWER LINE (APPROX 8 FT BGS)
- ! STORM SEWER LINE (APPROX 3 FT BGS)
- ! IR SITE BOUNDARY
- ! OPERABLE UNIT-2B
- ! BUILDING AND BUILDING NUMBER

ABBREVIATIONS AND ACRONYMS:

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- IR - INSTALLATION RESTORATION J - ESTIMATED VALUE
- JPS - JET PROPELLANT GRADE 5
- OU - OPERABLE UNIT
- OWS - OIL/WATER SEPARATOR
- RBC - RISK BASED CONCENTRATION
- TCE - TRICHLOROETHENE
- TPH - TOTAL PETROLEUM HYDROCARBONS
- VOC - VOLATILE ORGANIC COMPOUND
- VC - VINYL CHLORIDE
- ZVI - ZERO VALENCE IRON

RESULTS ABOVE DETECTION LIMIT
 POINT ID → S21-HP04
 SAMPLE DEPTH → 10-11 FT
 ANALYTE RESULT → VINYL CHLORIDE = 3.2 µg/L

0 25 50 100 150 200 Feet
 1 inch = 217 feet

OU-2B FS Revised Draft Revision 2

Approximate Extent of TCE and VC in Groundwater Above RBCs - (0 feet to 30 feet bgs)

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