

LEGEND

- ELECTRODES/THERMAL/SVE IN THE SOURCE AREAS. CONCEPTUAL LOCATION FOR EVALUATION ONLY. FINAL LOCATION TO BE DETERMINED IN THE REMEDIAL DESIGN.
- PERMEABLE REACTIVE BARRIER. CONCEPTUAL LOCATION FOR EVALUATION ONLY. FINAL LOCATION TO BE DETERMINED IN THE REMEDIAL DESIGN.
- CONCEPTUAL EXTENT OF TOTAL VOC CONCENTRATIONS GREATER THAN 10,000 µg/L
- GENERAL GROUNDWATER FLOW DIRECTION
- µg/L MICROGRAMS PER LITER
- ISTT IN-SITU THERMAL TREATMENT
- IC INSTITUTIONAL CONTROL
- IRP INSTALLATION RESTORATION PROGRAM
- MNA MONITORED NATURAL ATTENUATION
- PRB PERMEABLE REACTIVE BARRIER
- RBC RISK-BASED CONCENTRATIONS
- VOC VOLATILE ORGANIC COMPOUND

OU-2B FS

Revised Draft Revision 2

CONCEPTUAL DESIGN: Alternative G-2

ISTT of Hot-Spots, Control/Treatment
at the Seaplane Lagoon using PRB, MNA and ICs
Alameda, Ca

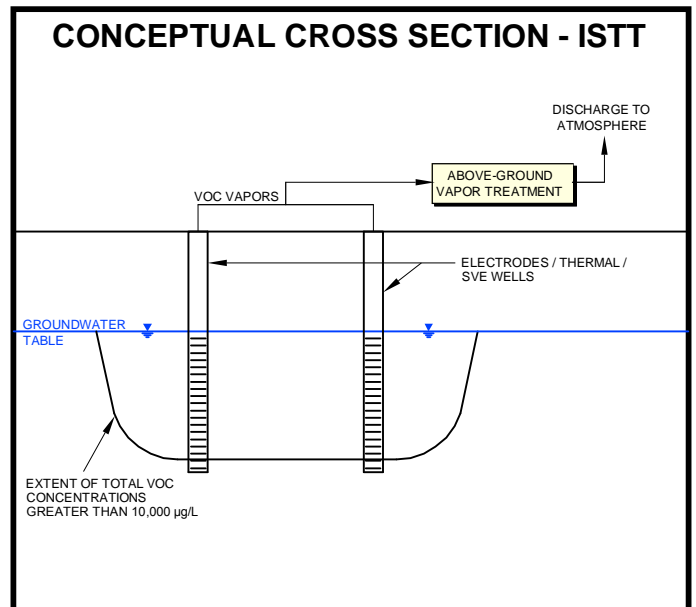
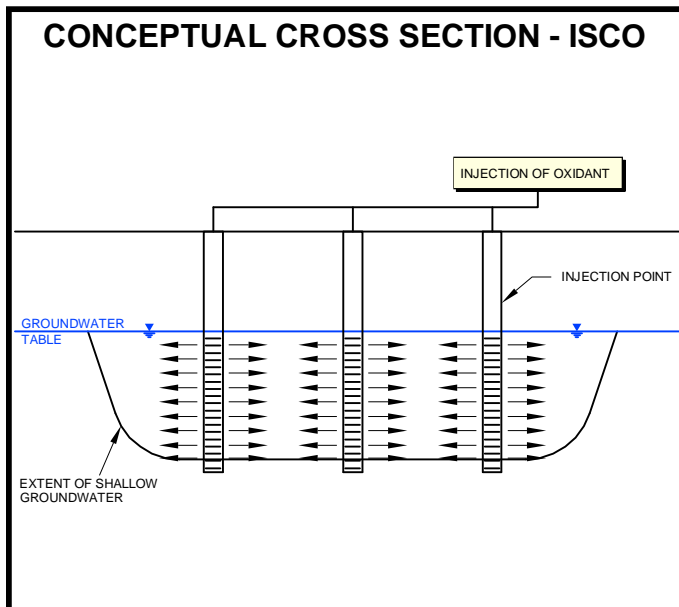
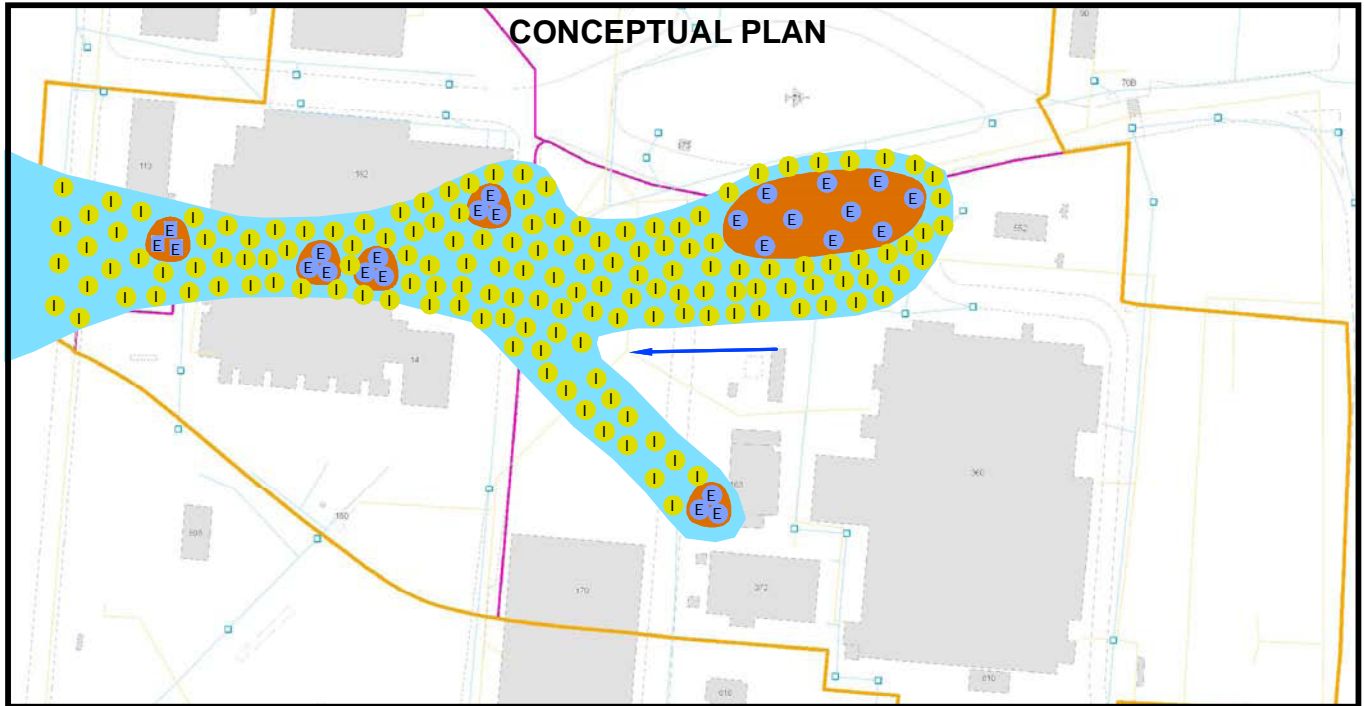
Date: 04-11

Project No. 106687

Figure 43



AECOM



LEGEND

- I INJECTION POINTS FOR INJECTION OF REAGENTS. CONCEPTUAL LOCATION FOR EVALUATION ONLY. FINAL LOCATION TO BE DETERMINED IN THE REMEDIAL DESIGN.
- E ELECTRODES/THERMAL/SVE WELLS IN THE SOURCE AREAS. CONCEPTUAL LOCATION FOR EVALUATION ONLY. FINAL LOCATION TO BE DETERMINED IN THE REMEDIAL DESIGN.
- CONCEPTUAL EXTENT OF TOTAL VOC CONCENTRATIONS GREATER THAN 10,000 µg/L
- CONCEPTUAL EXTENT OF VOCs IN SHALLOW GROUNDWATER EXCEEDING VAPOR INTRUSION RBCs
- GENERAL GROUNDWATER FLOW DIRECTION
- µg/L MICROGRAMS PER LITER
- ISTT IN-SITU THERMAL TREATMENT
- ISCO IN-SITU CHEMICAL OXIDATION
- VOC VOLATILE ORGANIC COMPOUND

OU-2B FS

Revised Draft Revision 2

CONCEPTUAL DESIGN: Alternative G-3a
 ISTT of Hot-Spots and Shallow Groundwater Treatment
 using ISCO
 Alameda, Ca

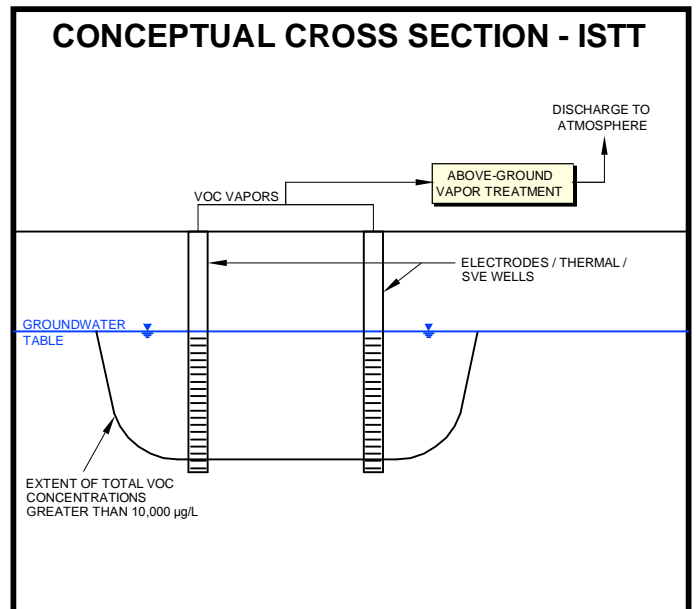
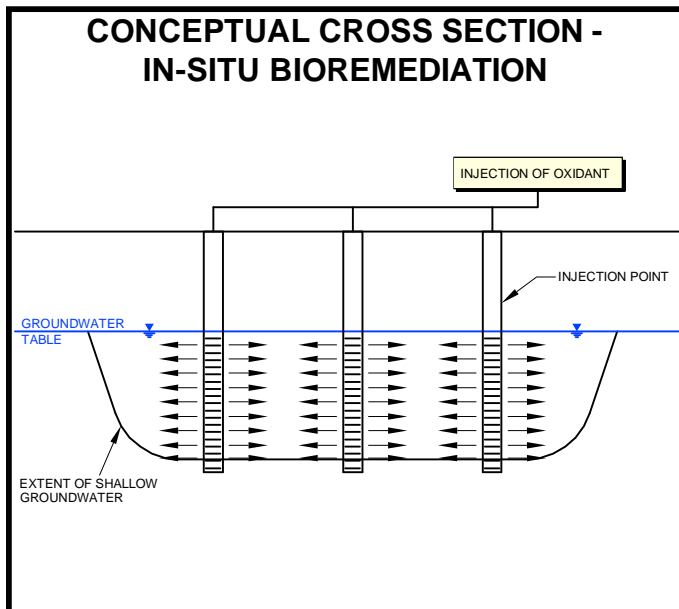
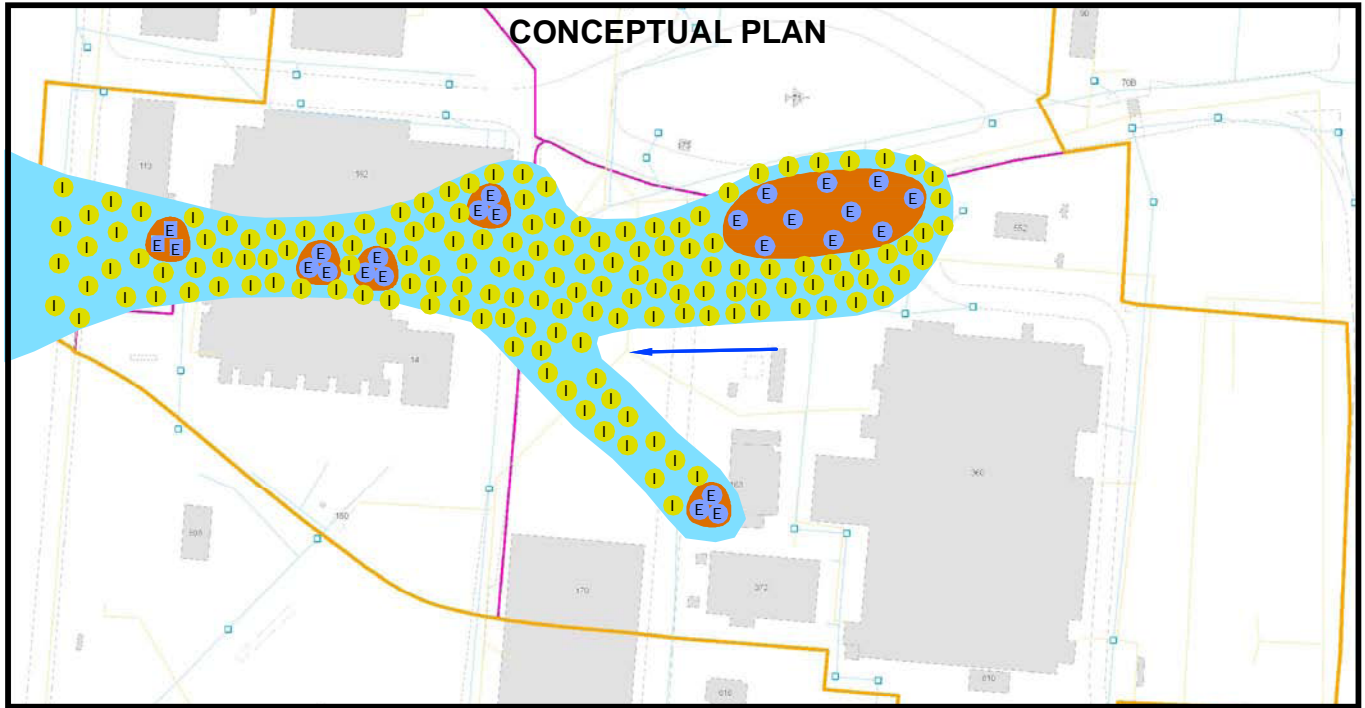
Date: 04-11

Project No. 106687

Figure 44



AECOM



LEGEND

- I INJECTION POINTS FOR INJECTION OF REAGENTS. CONCEPTUAL LOCATION FOR EVALUATION ONLY. FINAL LOCATION TO BE DETERMINED IN THE REMEDIAL DESIGN.
- E ELECTRODES/THERMAL/SVE WELLS IN THE SOURCE AREAS. CONCEPTUAL LOCATION FOR EVALUATION ONLY. FINAL LOCATION TO BE DETERMINED IN THE REMEDIAL DESIGN.
- CONCEPTUAL EXTENT OF TOTAL VOC CONCENTRATIONS GREATER THAN 10,000 µg/L
- CONCEPTUAL EXTENT OF VOCs IN SHALLOW GROUNDWATER EXCEEDING VAPOR INTRUSION RBCs
- GENERAL GROUNDWATER FLOW DIRECTION
- µg/L MICROGRAMS PER LITER
- ISTT IN-SITU THERMAL TREATMENT
- VOC VOLATILE ORGANIC COMPOUND

OU-2B FS

Revised Draft Revision 2

CONCEPTUAL DESIGN: Alternative G-3b

Hot-Spots and Shallow Groundwater Treatment
using ISTT and In-Situ Bioremediation

Alameda, Ca

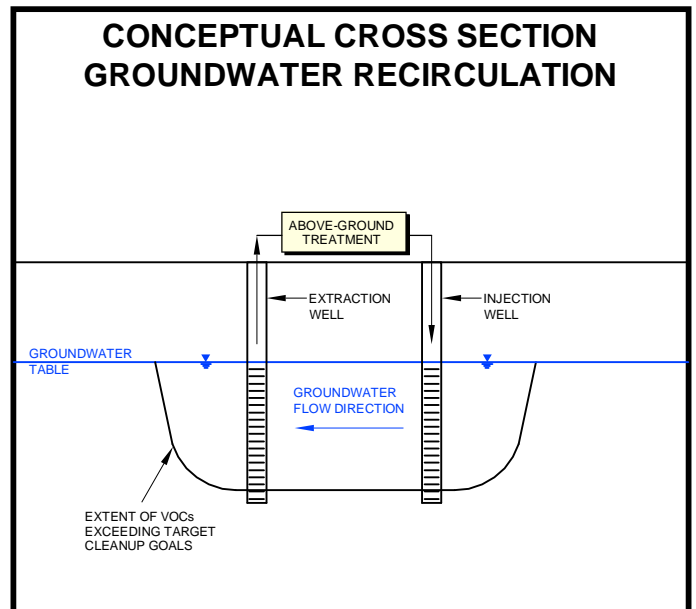
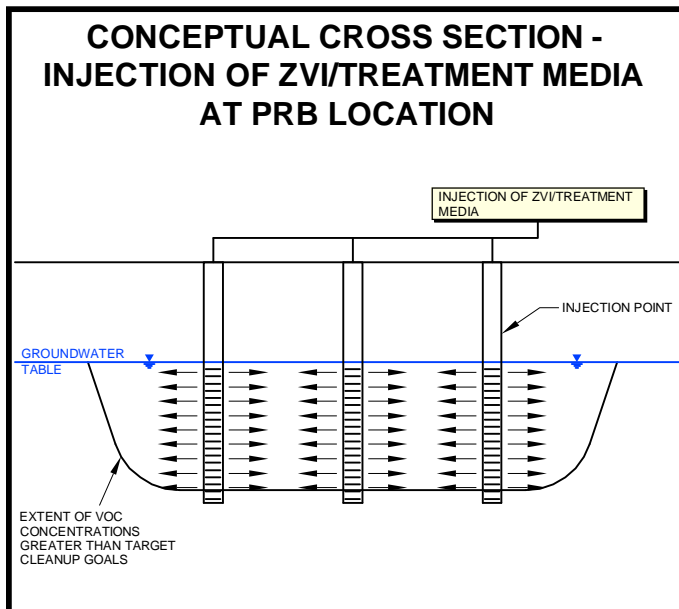
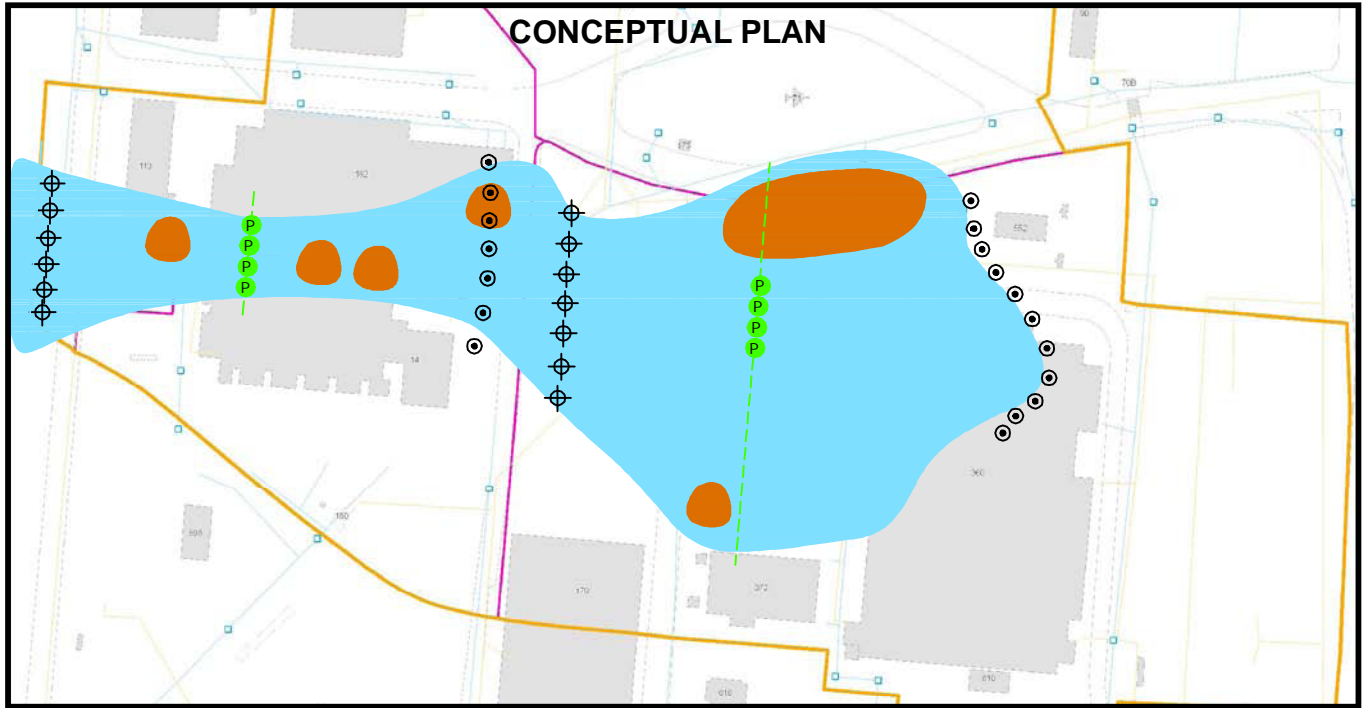
Date: 04-11

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Figure 45



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LEGEND

- ⊕ EXTRACTION WELL CONCEPTUAL LOCATION FOR EVALUATION ONLY. FINAL LOCATION TO BE DETERMINED IN THE REMEDIAL DESIGN.
- ⊙ INJECTION WELL CONCEPTUAL LOCATION FOR EVALUATION ONLY. FINAL LOCATION TO BE DETERMINED IN THE REMEDIAL DESIGN.
- ORANGE CONCEPTUAL EXTENT OF TOTAL VOC CONCENTRATIONS GREATER THAN 10,000 µg/L
- BLUE CONCEPTUAL EXTENT OF VOCs EXCEEDING TARGET CLEANUP GOALS
- P PERMEABLE REACTIVE BARRIER. CONCEPTUAL LOCATION FOR EVALUATION ONLY. FINAL LOCATION TO BE DETERMINED IN THE REMEDIAL DESIGN.
- ← GENERAL GROUNDWATER FLOW DIRECTION
- µg/L MICROGRAMS PER LITER
- IC INSTITUTIONAL CONTROL
- PRB PERMEABLE REACTIVE BARRIER
- VOC VOLATILE ORGANIC COMPOUND
- ZVI ZERO VALIENT IRON

OU-2B FS

Revised Draft Revision 2

CONCEPTUAL DESIGN: Alternative G-4
Treatment of Entire Plume
using Groundwater Recirculation, PRBs and ICs
Alameda, Ca

Date: 04-11

Project No. 106687

Figure 46



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