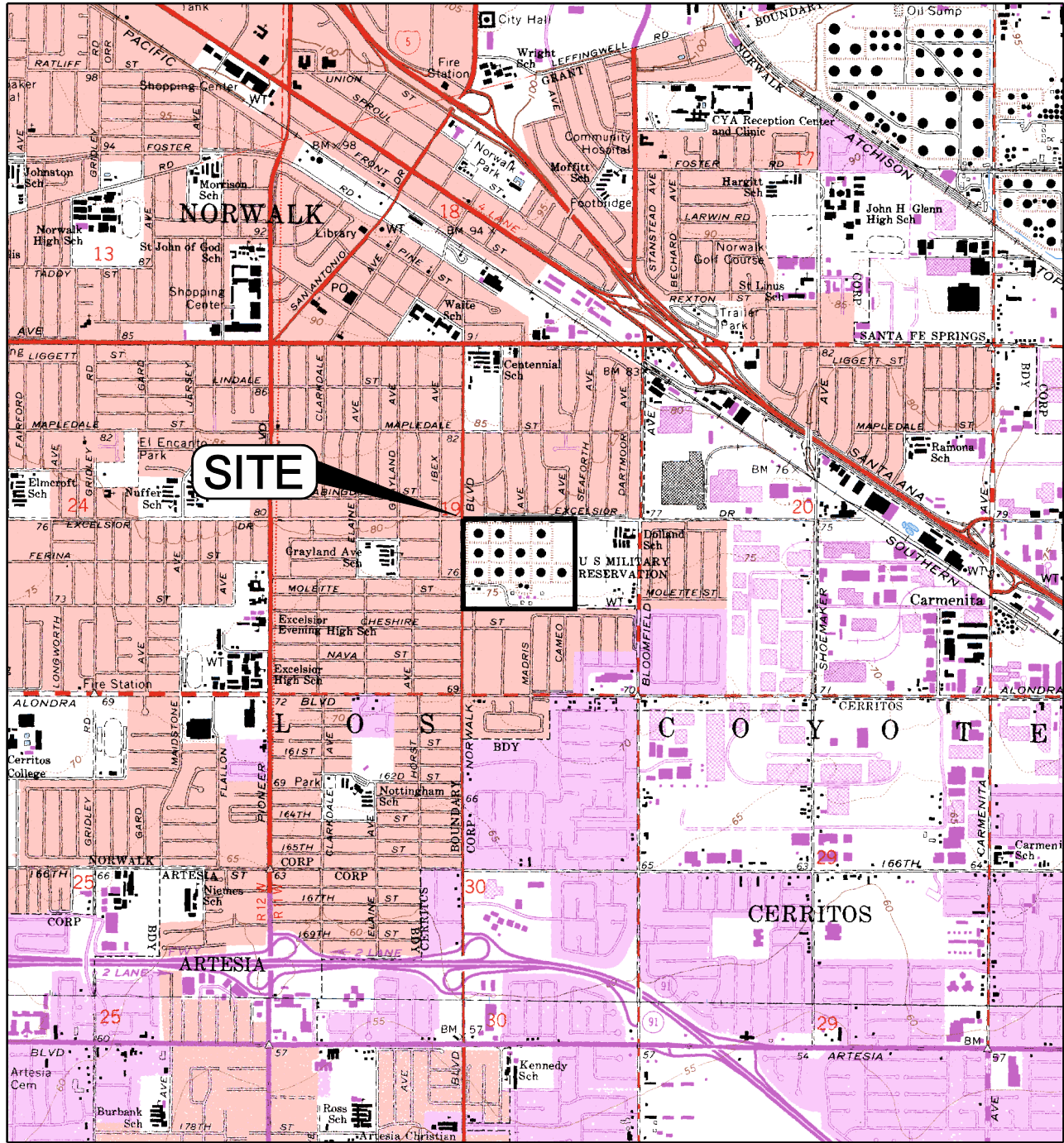
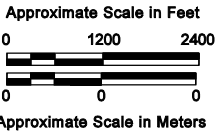


FIGURES



P:\S1603\gis\dmv\8.0507_gw_monitor\site_location_v8.dgn

BASEMAP MODIFIED FROM U.S.G.S. 7.5 MINUTE QUADRANGLE MAP
 LOS ALAMITOS 1964, CALIFORNIA. PHOTO-REVISED 1981.
 WHITTIER 1965, CALIFORNIA. PHOTO-REVISED 1981.



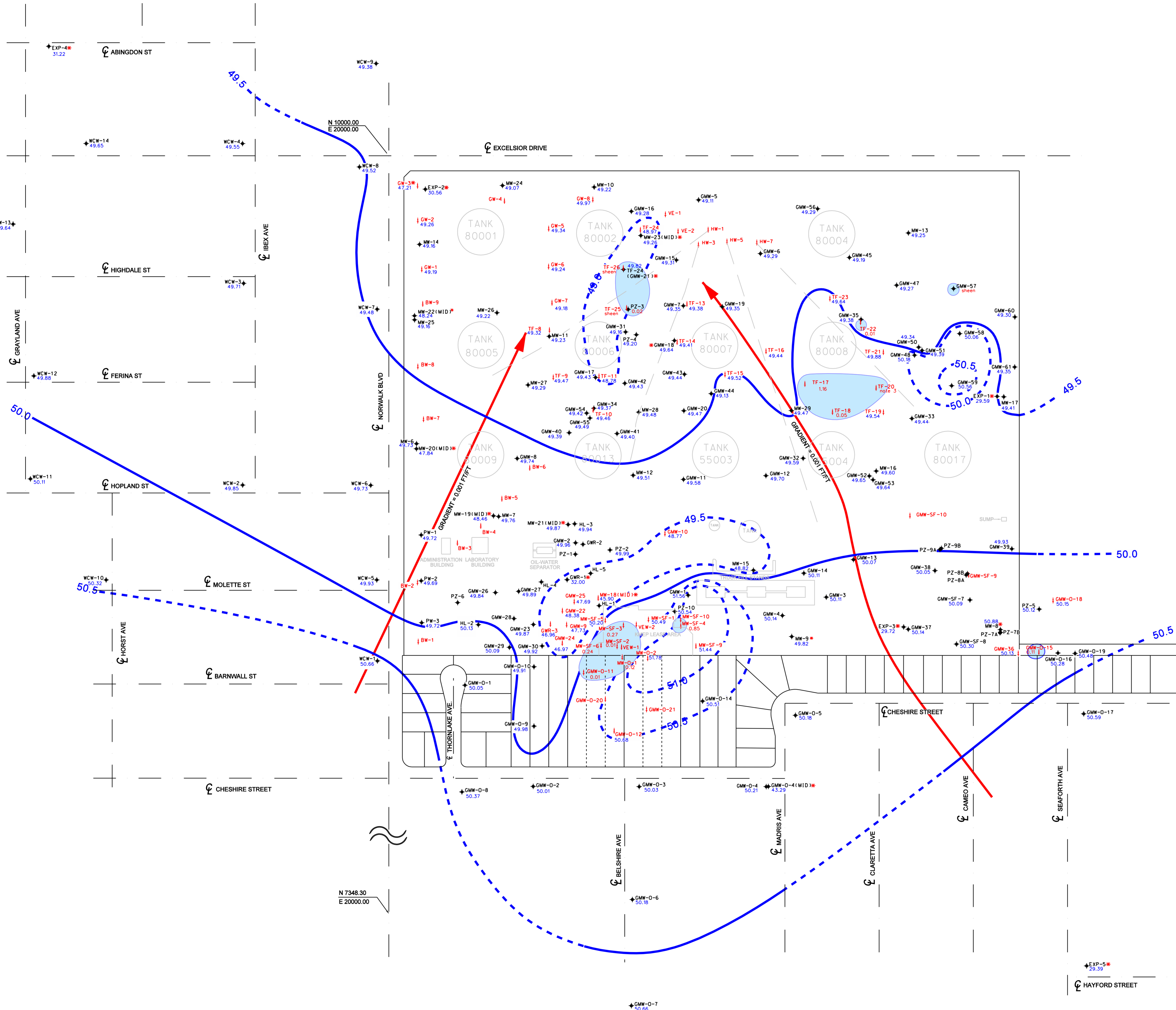
SITE LOCATION MAP

**DFSP NORWALK
 Norwalk, California**

By: kle	Date: 07/19/07	Project No: 1603.044
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Figure 1



EXPLANATION

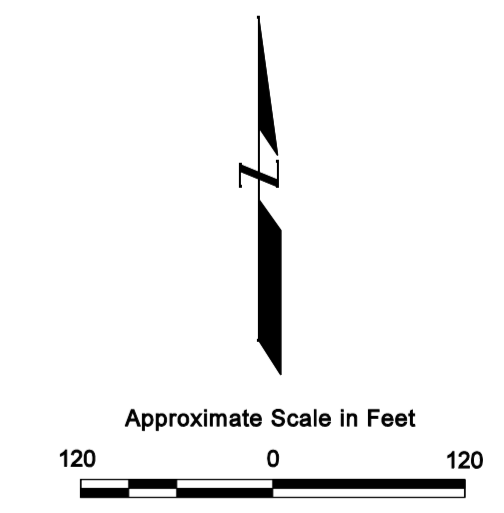
- GMW-39 ↗ MONITORING WELL USED FOR SAMPLE COLLECTION AND/OR WATER LEVEL MEASUREMENT
- VE-1 ↓ VAPOR EXTRACTION, GROUNDWATER EXTRACTION, TOTAL FLUIDS, OR FREE PRODUCT EXTRACTION WELL USED FOR SITE REMEDIATION
- GMW-5 ↗ GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- GMW-0-11 ↓ 0.01 APPARENT THICKNESS OF FREE PRODUCT MEASURED IN WELL (FEET)
- MW-22 (MID) ↗ GROUNDWATER ELEVATION NOT USED IN CONTOURING (SEE NOTE 2)
- 50.5 --- LINES OF EQUAL GROUNDWATER ELEVATION SHOWING GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (DASHED WHERE INFERRED)
- ↗ APPROXIMATE DIRECTION OF GROUNDWATER FLOW
- ⬢ ESTIMATED EXTENT OF MEASURABLE LIGHT NONAQUEOUS PHASE HYDROCARBONS (LNAPL, FREE PRODUCT) ON GROUNDWATER (DASHED WHERE INFERRED)

NOTES:

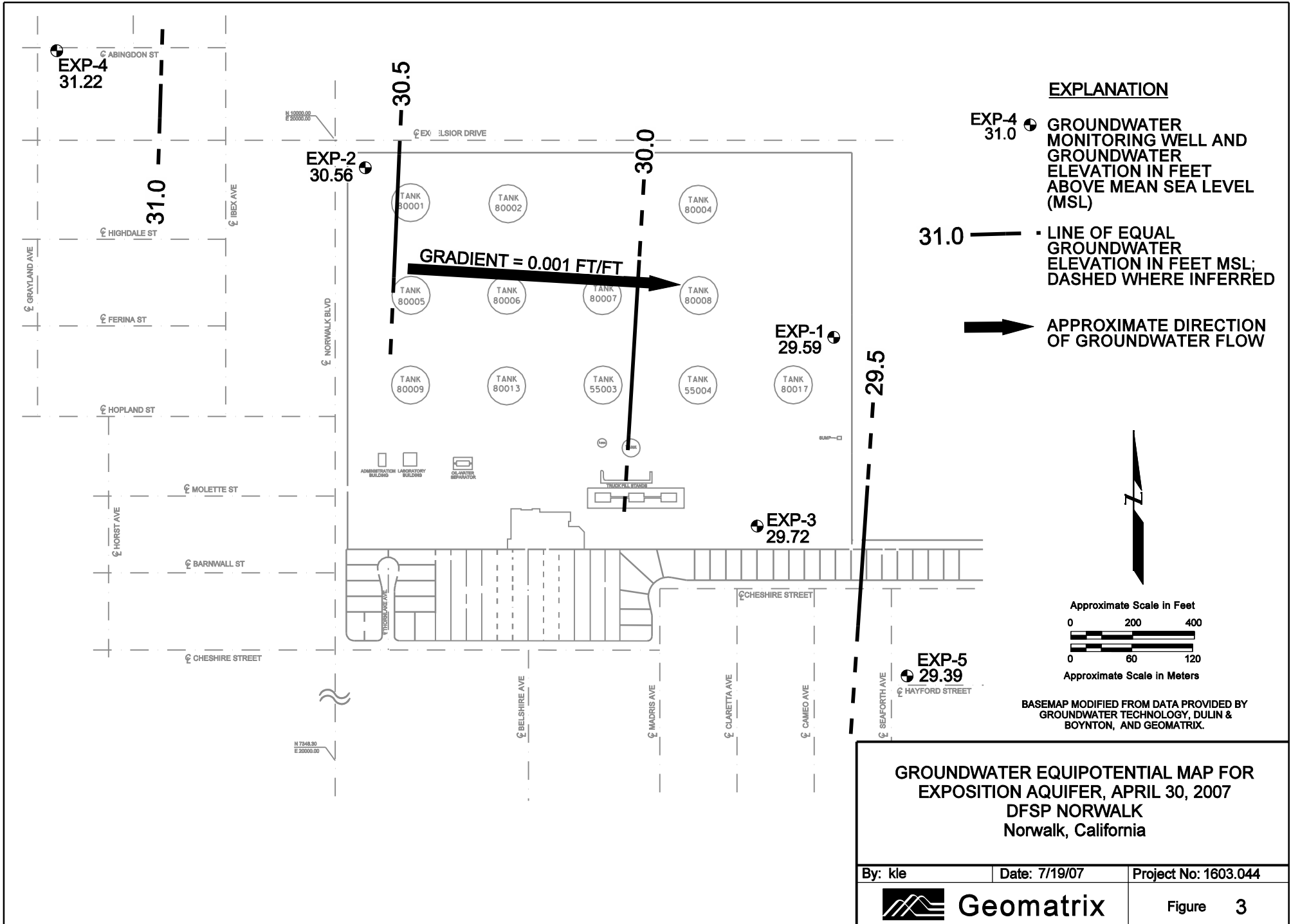
1. GROUNDWATER ELEVATIONS SHOWN AT WELLS ARE BASED ON DATA COLLECTED BY SECOR ON APRIL 30, 2007 AND BY PARSONS ON APRIL 27 AND APRIL 30, 2007. SEE TABLE 3.
2. WELLS SCREENED IN THE EXPOSITION AQUIFER OR NEAR THE BOTTOM OF THE UPPERMOST AQUIFER ARE NOT USED IN CONTOURING. GROUNDWATER ELEVATION CONTOURS ARE INTENDED TO REPRESENT GENERALIZED SITE-WIDE CONDITIONS AND ARE INTERPRETED FROM DATA COLLECTED BY PARSONS AND SECOR. WELLS WITH GROUNDWATER ELEVATIONS NOT USED IN CONTOURING ARE MARKED WITH A RED ASTERISK (*).
3. FREE PRODUCT WAS DETECTED IN WELL TF-20; HOWEVER, THE PRODUCT/WATER INTERFACE COULD NOT BE MEASURED.

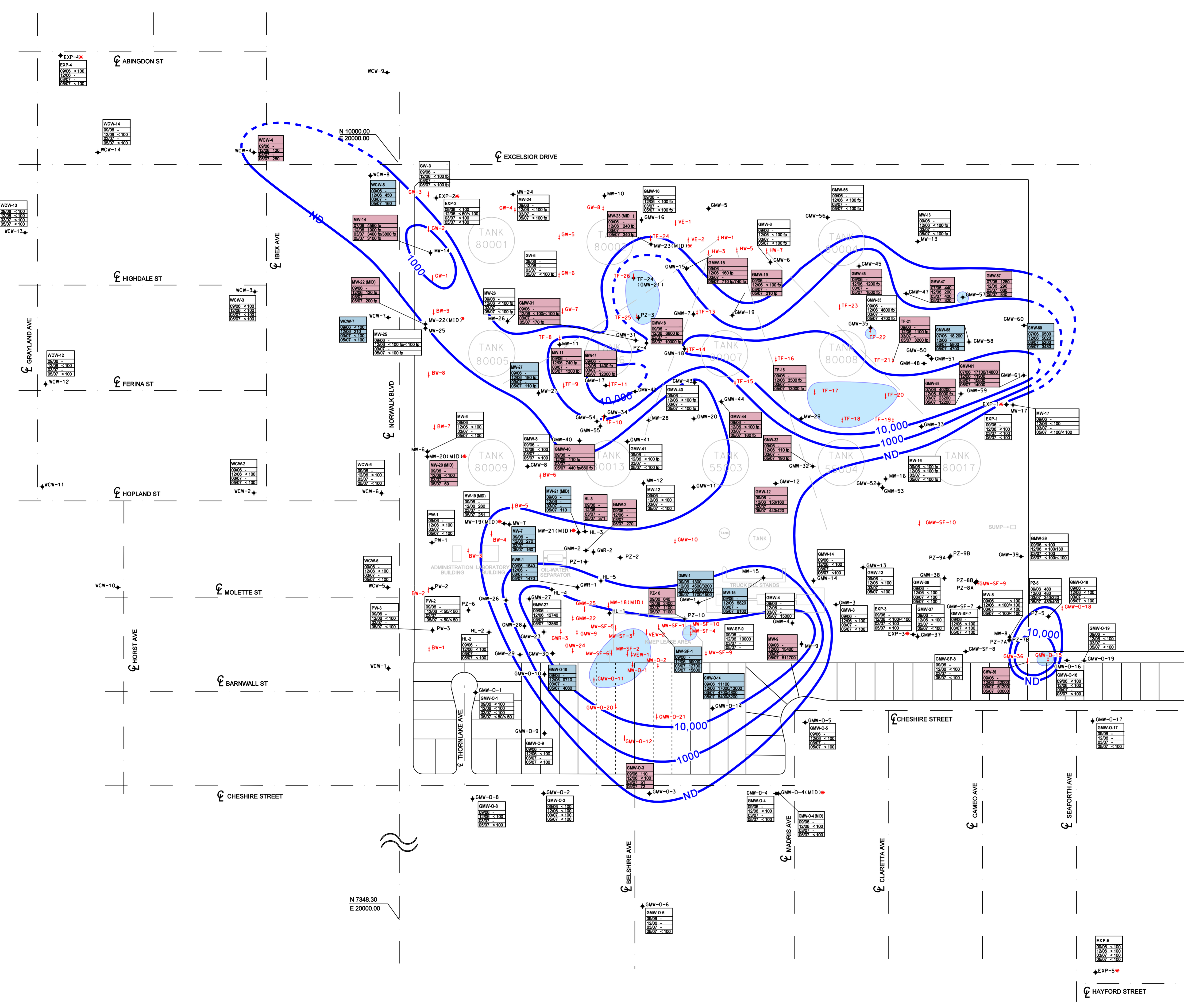
SURVEY NOTES:

1. BASE MAP PREPARED FROM DATA PROVIDED BY FLUOR DANIEL GTI, DULIN & BOYNTON, AND GEOMATRIX.
2. EXCEPT AS NOTED BELOW, WELL LOCATIONS SURVEYED BY DULIN & BOYNTON.
3. LOCATIONS OF WELLS HL-1, HL-3, AND HL-4 BASED ON FIELD MEASUREMENTS BY FLUOR DANIEL GTI AND WOODWARD-CLYDE.
4. LOCATIONS OF WELLS BW-1 THROUGH BW-9 SURVEYED BY GEOMATRIX BASED ON REFERENCE TO OTHER WELLS SURVEYED BY DULIN & BOYNTON.



GROUNDWATER ELEVATIONS AND MEASURABLE LIQUID-PHASE HYDROCARBONS IN UPPERMOST GROUNDWATER ZONE MAY 2007
DFSP NORWALK
 Norwalk, California



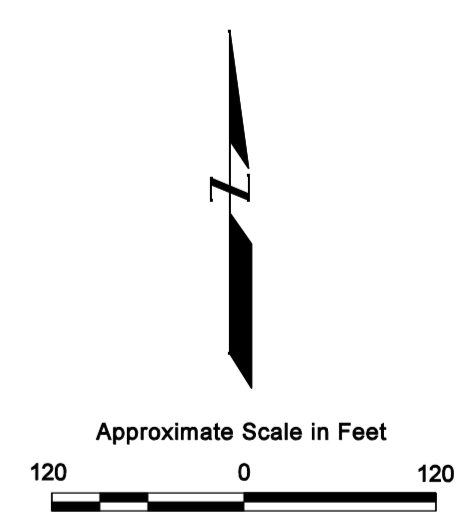


EXPLANATION

- GMW-5 + MONITORING WELL AND DESIGNATION
- VE-1 ↓ VAPOR EXTRACTION, GROUNDWATER EXTRACTION, TOTAL FLUIDS, OR FREE PRODUCT EXTRACTION WELL USED FOR SITE REMEDIATION
- MW-13
09/08 <100
12/08 <100
05/07 <100
05/07 <100
- TPH (TPHg AND TPHf) RESULTS IN MICROGRAMS PER LITER (µg/l) FOR THE TWO MOST RECENT SEMI-ANNUAL AND SENTRY EVENTS; WHERE THE DATABOX IS SHOWN IN WHITE, THE CONCENTRATION OF TPH (OR TPHf) WHERE TPH WAS NOT ANALYZED) HAS REMAINED SIMILAR (CONCENTRATION CHANGE IS LESS THAN 10%) AT THAT LOCATION SINCE THE PREVIOUS SEMI-ANNUAL MONITORING EVENT OR THE DATASET SHOWN DOES NOT PROVIDE A BASIS FOR COMPARISON
- GMW-47
07/08 1200
12/08 <100
05/07 850
05/07 850
- WHERE THE DATABOX IS SHOWN IN RED THE CONCENTRATION OF TPH (OR TPHf) WHERE TPH WAS NOT ANALYZED) HAS INCREASED BY 10% OR MORE AT THAT LOCATION SINCE THE PREVIOUS SEMI-ANNUAL MONITORING EVENT
- GMW-40
07/08 2500
12/08 2500
05/07 2500
05/07 2500
- WHERE THE DATABOX IS SHOWN IN BLUE THE CONCENTRATION OF TPH (OR TPHf) WHERE TPH WAS NOT ANALYZED) HAS DECREASED BY 10% OR MORE AT THAT LOCATION SINCE THE PREVIOUS SEMI-ANNUAL MONITORING EVENT
- < 100 fp TPH RESULTS THAT INCLUDE ONLY TPHf RESULTS ARE MARKED WITH "fp"
- < 100 NOT DETECTED AT OR ABOVE LABORATORY REPORTING LIMIT
- NOT SAMPLED/NOT ANALYZED
- < 100 / < 100 PRIMARY SAMPLE ANALYTICAL RESULT/DUPLICATE SAMPLE ANALYTICAL RESULTS (µg/l)
- MW-22(MID) * WELLS SCREENED IN THE EXPOSITION AQUIFER OR NEAR THE BOTTOM OF THE UPPERMOST AQUIFER ARE NOT USED IN CONTOURING
- ND — ESTIMATED EXTENT OF DETECTED DISSOLVED TPH IN GROUNDWATER (CONCENTRATION DEPENDENT ON LABORATORY REPORTING LIMIT); DASHED WHERE INFERRED
- 1000 — LINES OF EQUAL TPH CONCENTRATION (µg/l) IN GROUNDWATER; DASHED WHERE INFERRED
- ESTIMATED EXTENT OF MEASURABLE LIGHT NONAQUEOUS PHASE HYDROCARBONS (LNAPL, FREE PRODUCT) ON GROUNDWATER; DASHED WHERE INFERRED

SURVEY NOTES:

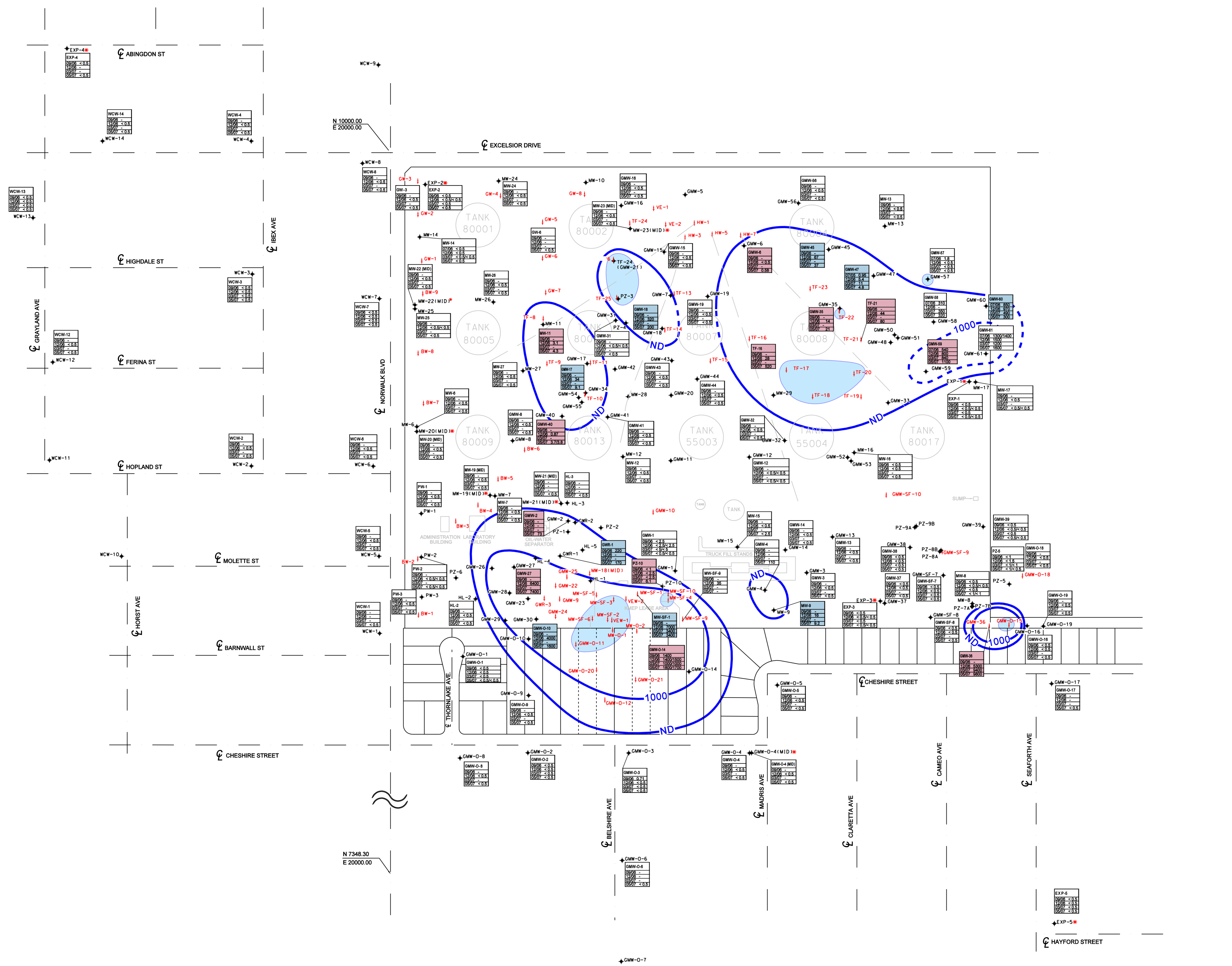
1. BASE MAP PREPARED FROM DATA PROVIDED BY FLUOR DANIEL GTI, DULIN & BOYNTON, AND GEOMATRIX.
2. EXCEPT AS NOTED BELOW, WELL LOCATIONS SURVEYED BY DULIN & BOYNTON.
3. LOCATIONS OF WELLS HL-1, HL-3, AND HL-4 BASED ON FIELD MEASUREMENTS BY FLUOR DANIEL GTI AND WOODWARD-CLYDE.
4. LOCATIONS OF WELLS BW-1 THROUGH BW-9 SURVEYED BY GEOMATRIX BASED ON REFERENCE TO OTHER WELLS SURVEYED BY DULIN & BOYNTON.



TOTAL PETROLEUM HYDROCARBONS IN UPPERMOST GROUNDWATER ZONE MAY 2007

DFSP NORWALK Norwalk, California

By: kle Date: 7/19/07 Project No: 1603.044



EXPLANATION

- GMW-5 + MONITORING WELL AND DESIGNATION
- VE-1 ↓ VAPOR EXTRACTION, GROUNDWATER EXTRACTION, TOTAL FLUIDS, OR FREE PRODUCT EXTRACTION WELL USED FOR SITE REMEDIATION
- | | |
|-------|------|
| 07/05 | 1.8 |
| 12/05 | <0.5 |
| 05/07 | <0.5 |

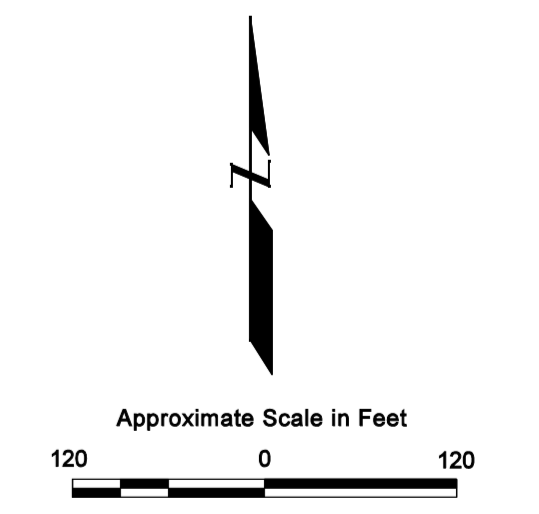
 BENZENE RESULTS IN MICROGRAMS PER LITER (µg/l) FOR THE TWO MOST RECENT SEMI-ANNUAL AND SENTRY EVENTS; WHERE THE DATABOX IS SHOWN IN WHITE, THE CONCENTRATION OF BENZENE HAS REMAINED SIMILAR (CONCENTRATION CHANGE IS LESS THAN 10%) AT THAT LOCATION SINCE THE PREVIOUS SEMI-ANNUAL MONITORING EVENT OR THE DATASET SHOWN DOES NOT PROVIDE A BASIS FOR COMPARISON
- | | |
|-------|------|
| 07/05 | 540 |
| 12/05 | 800 |
| 05/07 | 1100 |

 WHERE THE DATABOX IS SHOWN IN RED THE CONCENTRATION OF BENZENE HAS INCREASED BY 10% OR MORE AT THAT LOCATION SINCE THE PREVIOUS SEMI-ANNUAL MONITORING EVENT
- | | |
|-------|------|
| 07/05 | 1.8 |
| 12/05 | <0.5 |
| 05/07 | <0.5 |

 WHERE THE DATABOX IS SHOWN IN BLUE THE CONCENTRATION OF BENZENE HAS DECREASED BY 10% OR MORE AT THAT LOCATION SINCE THE PREVIOUS SEMI-ANNUAL MONITORING EVENT
- <0.5 NOT DETECTED AT OR ABOVE LABORATORY REPORTING LIMIT
- NOT SAMPLED/NOT ANALYZED
- <0.5 / <0.5 PRIMARY SAMPLE ANALYTICAL RESULT / DUPLICATE SAMPLE ANALYTICAL RESULT (µg/l)
- MW-22(MID) * + WELLS SCREENED IN THE EXPOSITION AQUIFER OR NEAR THE BOTTOM OF THE UPPERMOST AQUIFER ARE NOT USED IN CONTOURING
- ND --- ESTIMATED EXTENT OF DETECTED DISSOLVED BENZENE IN GROUNDWATER (CONCENTRATION DEPENDENT ON LABORATORY REPORTING LIMIT); DASHED WHERE INFERRED
- 1000 --- LINES OF EQUAL BENZENE CONCENTRATION (µg/l) IN GROUNDWATER; DASHED WHERE INFERRED
- ESTIMATED EXTENT OF MEASURABLE LIGHT NONAQUEOUS PHASE HYDROCARBONS (LNAPL, FREE PRODUCT) ON GROUNDWATER; DASHED WHERE INFERRED

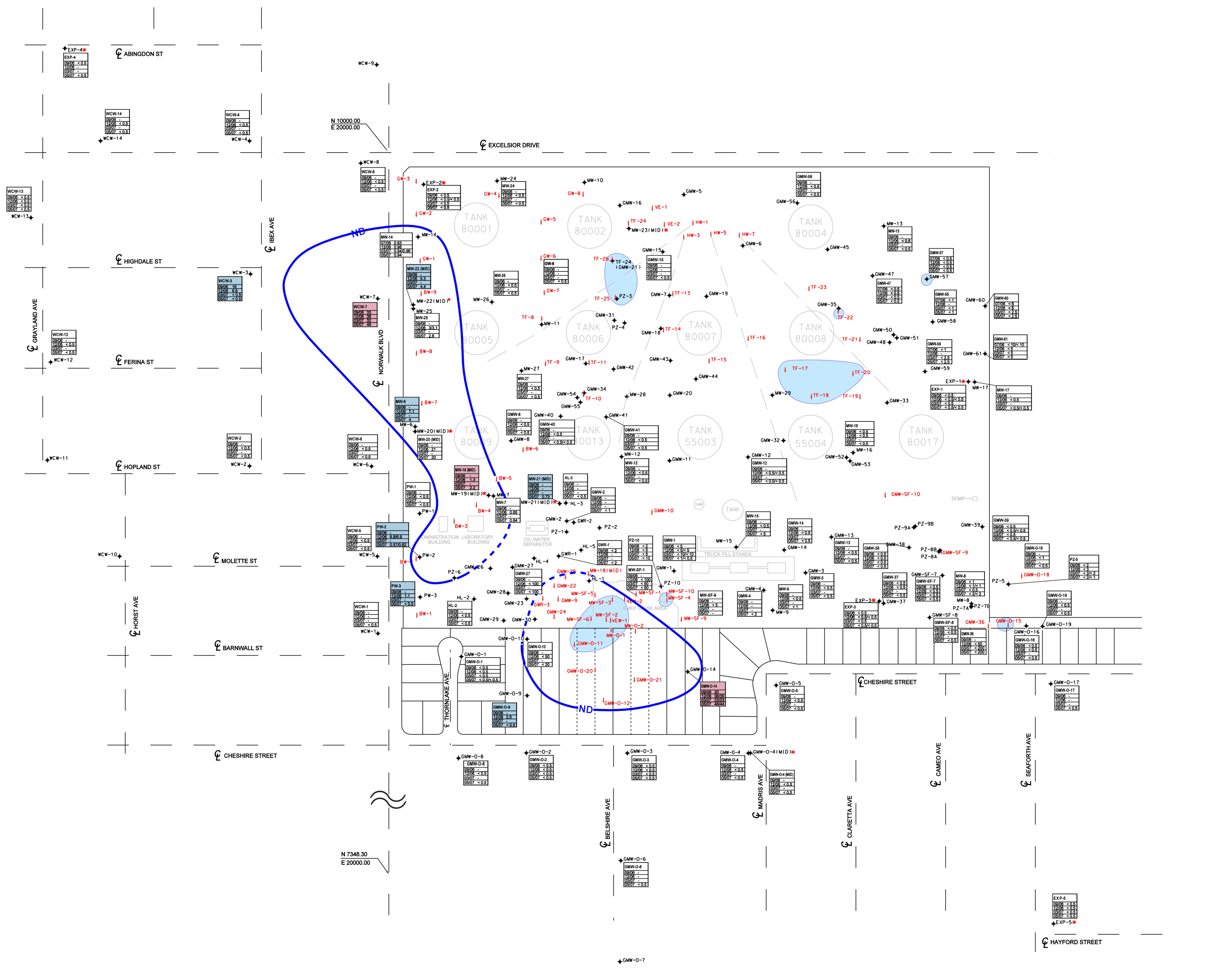
SURVEY NOTES:

1. BASE MAP PREPARED FROM DATA PROVIDED BY FLUOR DANIEL GTI, DULIN & BOYNTON, AND GEOMATRIX.
2. EXCEPT AS NOTED BELOW, WELL LOCATIONS SURVEYED BY DULIN & BOYNTON.
3. LOCATIONS OF WELLS HL-1, HL-3, AND HL-4 BASED ON FIELD MEASUREMENTS BY FLUOR DANIEL GTI AND WOODWARD-CLYDE.
4. LOCATIONS OF WELLS BW-1 THROUGH BW-9 SURVEYED BY GEOMATRIX BASED ON REFERENCE TO OTHER WELLS SURVEYED BY DULIN & BOYNTON.



BENZENE IN UPPERMOST GROUNDWATER ZONE MAY 2007

DFSP NORWALK Norwalk, California



EXPLANATION

- GMW-5 \blacktriangledown MONITORING WELL AND DESIGNATION
- VE-1 \downarrow VAPOR EXTRACTION, GROUNDWATER EXTRACTION, TOTAL FLUIDS, OR FREE PRODUCT EXTRACTION WELL USED FOR SITE REMEDIATION
- | | |
|-------|-------|
| 07/08 | < 0.5 |
| 12/08 | < 0.5 |
| 05/07 | < 0.5 |

 1,2-DCA RESULTS IN MICROGRAMS PER LITER ($\mu\text{g/l}$) FOR THE TWO MOST RECENT SEMI-ANNUAL AND SENTRY EVENTS, WHERE THE DATABOX IS SHOWN IN WHITE, THE CONCENTRATION OF 1,2-DCA HAS REMAINED SIMILAR (CONCENTRATION CHANGE IS LESS THAN 10%) AT THAT LOCATION SINCE THE PREVIOUS SEMI-ANNUAL MONITORING EVENT OR THE DATASET SHOWN DOES NOT PROVIDE A BASIS FOR COMPARISON
- | | |
|-------|----|
| 07/08 | 13 |
| 12/08 | 28 |
| 05/07 | 46 |

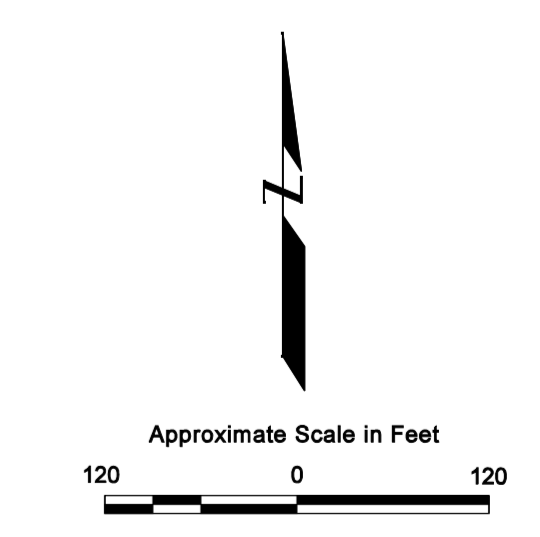
 WHERE THE DATABOX IS SHOWN IN RED THE CONCENTRATION OF 1,2-DCA HAS INCREASED BY 10% OR MORE AT THAT LOCATION SINCE THE PREVIOUS SEMI-ANNUAL MONITORING EVENT
- | | |
|-------|-------|
| 07/08 | 2.5 |
| 12/08 | 2.5 |
| 05/07 | < 0.5 |

 WHERE THE DATABOX IS SHOWN IN BLUE THE CONCENTRATION OF 1,2-DCA HAS DECREASED BY 10% OR MORE AT THAT LOCATION SINCE THE PREVIOUS SEMI-ANNUAL MONITORING EVENT
- < 0.5 NOT DETECTED AT OR ABOVE LABORATORY REPORTING LIMIT
- NOT SAMPLED/NOT ANALYZED
- < 0.5 / < 0.5 PRIMARY SAMPLE ANALYTICAL RESULT / DUPLICATE SAMPLE ANALYTICAL RESULT ($\mu\text{g/l}$)
- MW-22(MID) \blacktriangledown WELLS SCREENED IN THE EXPOSITION AQUIFER OR NEAR THE BOTTOM OF THE UPPERMOST AQUIFER ARE NOT USED IN CONTOURING
- ND \dashrightarrow ESTIMATED EXTENT OF DETECTED DISSOLVED 1,2-DCA IN GROUNDWATER (CONCENTRATION DASHED WHERE INFERRED)
- | | |
|-------|-------|
| 07/08 | < 0.5 |
| 12/08 | < 0.5 |
| 05/07 | < 0.5 |

 ESTIMATED EXTENT OF MEASURABLE LIGHT NONAQUEOUS PHASE HYDROCARBONS (LNAPL, FREE PRODUCT) ON GROUNDWATER; DASHED WHERE INFERRED

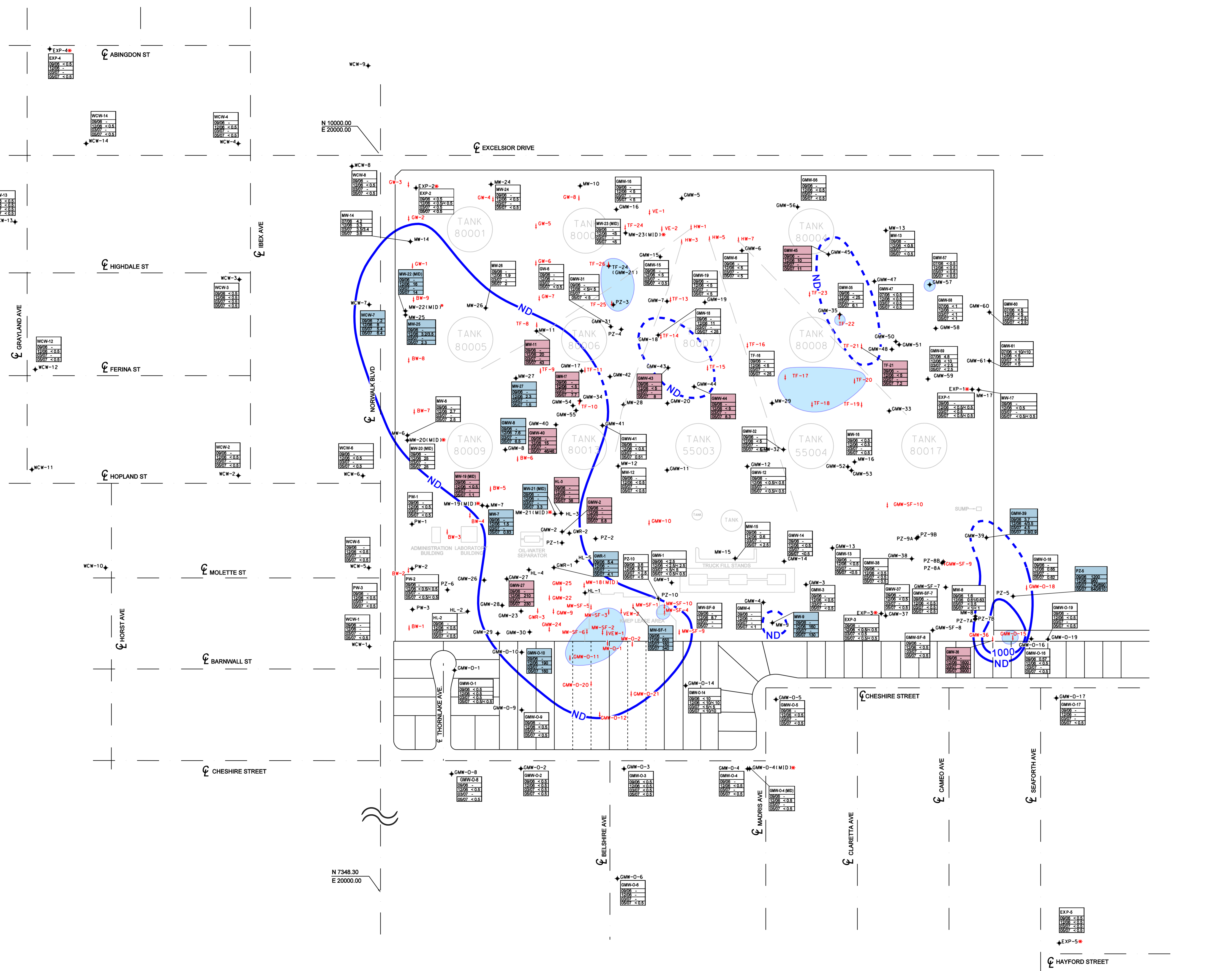
SURVEY NOTES:

1. BASE MAP PREPARED FROM DATA PROVIDED BY FLUOR DANIEL GTI, DULIN & BOYNTON, AND GEOMATRIX.
2. EXCEPT AS NOTED BELOW, WELL LOCATIONS SURVEYED BY DULIN & BOYNTON.
3. LOCATIONS OF WELLS HL-1, HL-3, AND HL-4 BASED ON FIELD MEASUREMENTS BY FLUOR DANIEL GTI AND WOODWARD-CLYDE.
4. LOCATIONS OF WELLS BW-1 THROUGH BW-9 SURVEYED BY GEOMATRIX BASED ON REFERENCE TO OTHER WELLS SURVEYED BY DULIN & BOYNTON.



1,2-DICHLOROETHANE IN
UPPERMOST GROUNDWATER ZONE
MAY 2007

DFSP NORWALK
Norwalk, California



EXPLANATION

- GMW-5 + MONITORING WELL AND DESIGNATION
- VE-1 ↓ VAPOR EXTRACTION, GROUNDWATER EXTRACTION, TOTAL FLUIDS, OR FREE PRODUCT EXTRACTION WELL USED FOR SITE REMEDIATION
- | | |
|-------|-------|
| 07008 | < 0.5 |
| 12008 | < 0.5 |
| 15007 | < 0.5 |
| 05007 | < 0.5 |

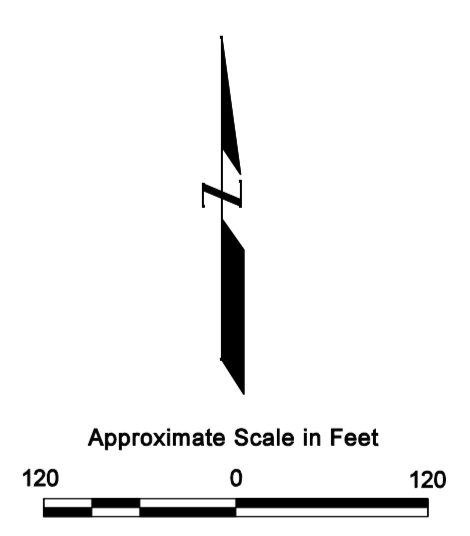
 MTBE RESULTS IN MICROGRAMS PER LITER (µg/l) FOR THE TWO MOST RECENT SEMI-ANNUAL AND SENTRY EVENTS; WHERE THE DATABOX IS SHOWN IN WHITE, THE CONCENTRATION OF MTBE HAS REMAINED SIMILAR (CONCENTRATION CHANGE IS LESS THAN 10%) AT THAT LOCATION SINCE THE PREVIOUS SEMI-ANNUAL MONITORING EVENT OR THE DATASET SHOWN DOES NOT PROVIDE A BASIS FOR COMPARISON
- | | |
|-------|-------|
| 07008 | < 0.5 |
| 12008 | < 0.5 |
| 15007 | < 0.5 |
| 05007 | < 0.5 |

 WHERE THE DATABOX IS SHOWN IN RED THE CONCENTRATION OF MTBE HAS INCREASED BY 10% OR MORE AT THAT LOCATION SINCE THE PREVIOUS SEMI-ANNUAL MONITORING EVENT
- | | |
|-------|-------|
| 07008 | < 0.5 |
| 12008 | < 0.5 |
| 15007 | < 0.5 |
| 05007 | < 0.5 |

 WHERE THE DATABOX IS SHOWN IN BLUE THE CONCENTRATION OF MTBE HAS DECREASED BY 10% OR MORE AT THAT LOCATION SINCE THE PREVIOUS SEMI-ANNUAL MONITORING EVENT
- <0.5 NOT DETECTED AT OR ABOVE LABORATORY REPORTING LIMIT
- NOT SAMPLED/NOT ANALYZED
- <0.5 / <0.5 PRIMARY SAMPLE ANALYTICAL RESULT / DUPLICATE SAMPLE ANALYTICAL RESULT (µg/l)
- MW-22(MID) * WELLS SCREENED IN THE EXPOSITION AQUIFER OR NEAR THE BOTTOM OF THE UPPERMOST AQUIFER ARE NOT USED IN CONTOURING
- ND ESTIMATED EXTENT OF DETECTED DISSOLVED MTBE IN GROUNDWATER (CONCENTRATION DEPENDENT ON LABORATORY REPORTING LIMIT); DASHED WHERE INFERRERD
- 1000 LINES OF EQUAL MTBE CONCENTRATION (µg/l) IN GROUNDWATER; DASHED WHERE INFERRERD
- ESTIMATED EXTENT OF MEASURABLE LIGHT NONAQUEOUS PHASE HYDROCARBONS (LNAPL, FREE PRODUCT) ON GROUNDWATER; DASHED WHERE INFERRERD

SURVEY NOTES:

1. BASE MAP PREPARED FROM DATA PROVIDED BY FLUOR DANIEL GTI, DULIN & BOYNTON, AND GEOMATRIX.
2. EXCEPT AS NOTED BELOW, WELL LOCATIONS SURVEYED BY DULIN & BOYNTON.
3. LOCATIONS OF WELLS HL-1, HL-3, AND HL-4 BASED ON FIELD MEASUREMENTS BY FLUOR DANIEL GTI AND WOODWARD-CLYDE.
4. LOCATIONS OF WELLS BW-1 THROUGH BW-9 SURVEYED BY GEOMATRIX BASED ON REFERENCE TO OTHER WELLS SURVEYED BY DULIN & BOYNTON.



METHYL TERT-BUTYL ETHER IN UPPERMOST GROUNDWATER ZONE MAY 2007

DFSP NORWALK
Norwalk, California

By: kle Date: 7/19/07 Project No: 1603.044