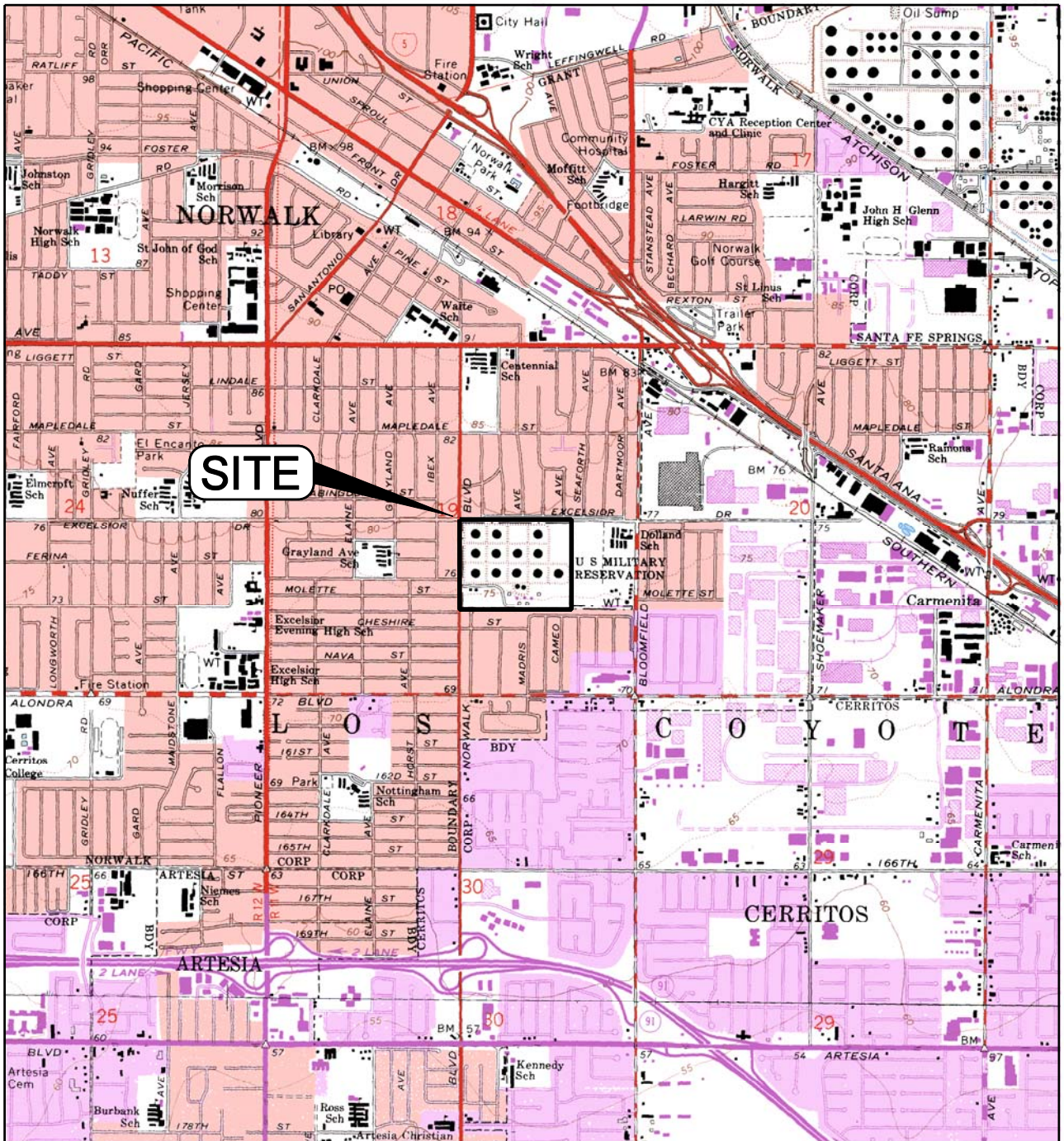
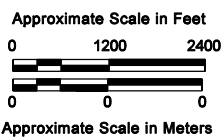


FIGURES



P:\S1603\gis\dgn\v8\0508_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.

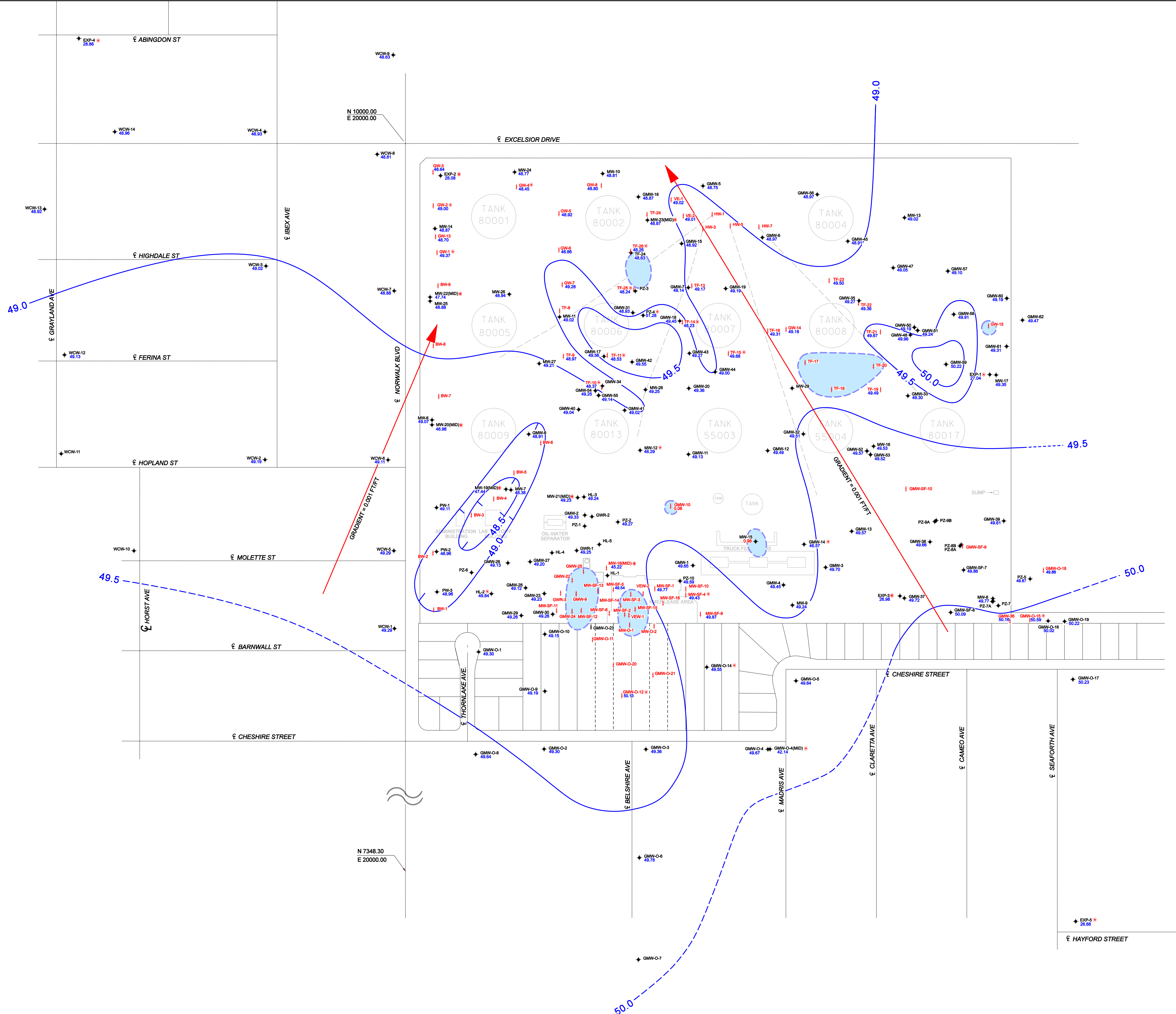
SITE LOCATION MAP

**DFSP NORWALK
 Norwalk, California**

By: kle	Date: 07/19/07	Project No: 1603.044
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AMEC Geomatrix

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-10 ↓ APPARENT THICKNESS OF FREE PRODUCT MEASURED IN WELL (FEET)
- MW-22(MID) ↓ GROUNDWATER ELEVATION NOT USED IN CONTOURING (SEE NOTE 2)
- 50.0 → 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)

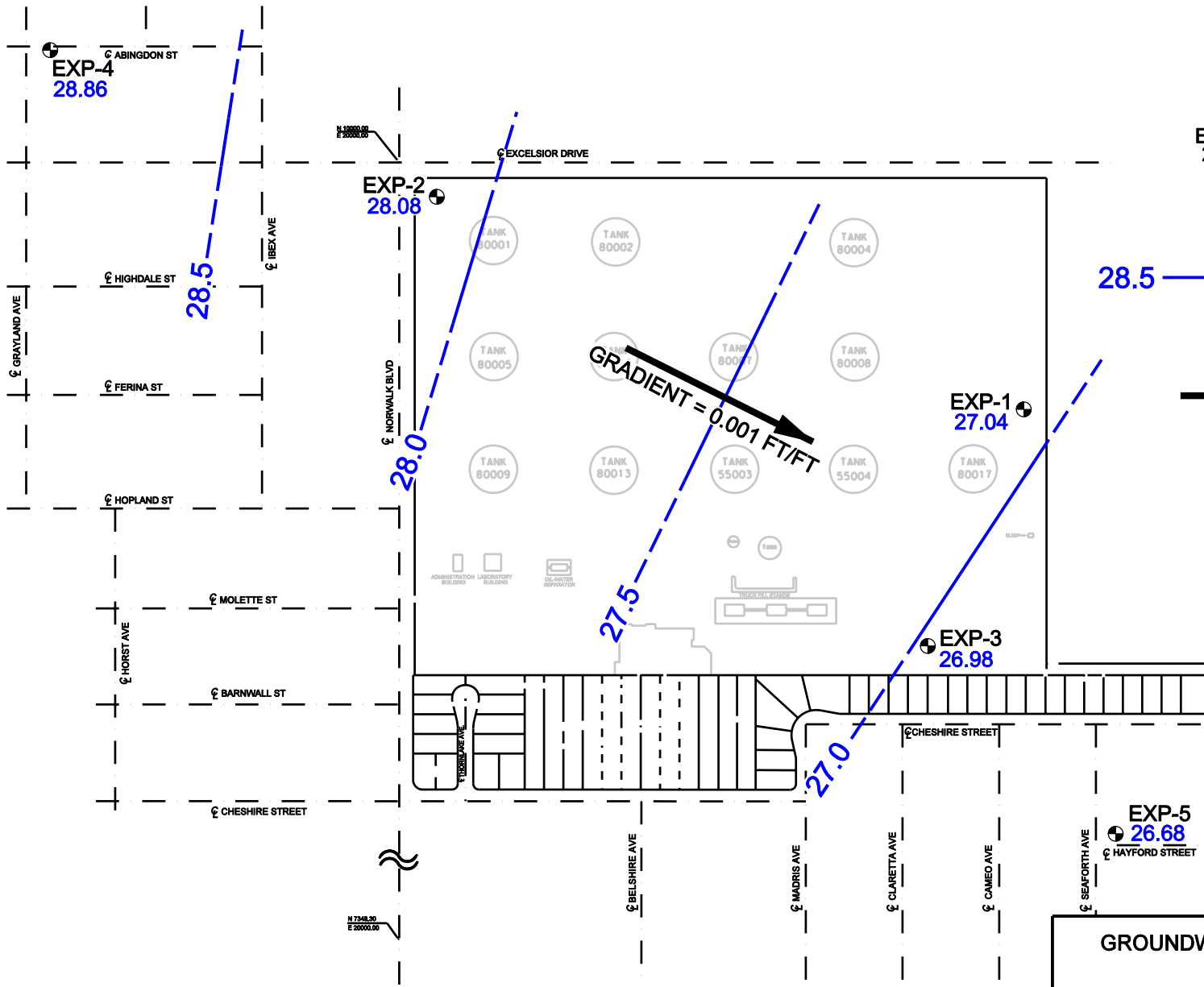
NOTES:

1. GROUNDWATER ELEVATIONS SHOWN AT WELLS ARE BASED ON DATA COLLECTED BY SECOR ON APRIL 14, 2008 AND BY PARSONS ON APRIL 11 AND APRIL 14, 2008. 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 GMW-15 ON APRIL 15, 2008; HOWEVER, PRODUCT THICKNESS WAS NOT MEASURED.

SURVEY NOTES:

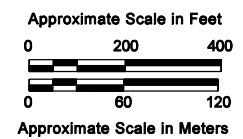
1. BASE MAP PREPARED FROM DATA PROVIDED BY FLUOR DANIEL GTI, DULIN & BOYNTON, AND GEOMATRIX.
2. EXCEPT AS NOTED BELOW, WELL LOCATIONS SURVEYED BY DULIN & BOYNTON.
3. LOCATIONS OF WELLS HL-1, HL-3, AND HL-4 BASED ON FIELD MEASUREMENTS BY FLUOR DANIEL GTI AND WOODWARD-CLYDE.
4. LOCATIONS OF WELLS BW-1 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
 APRIL 2008
 DFSP NORWALK
 Norwalk, California



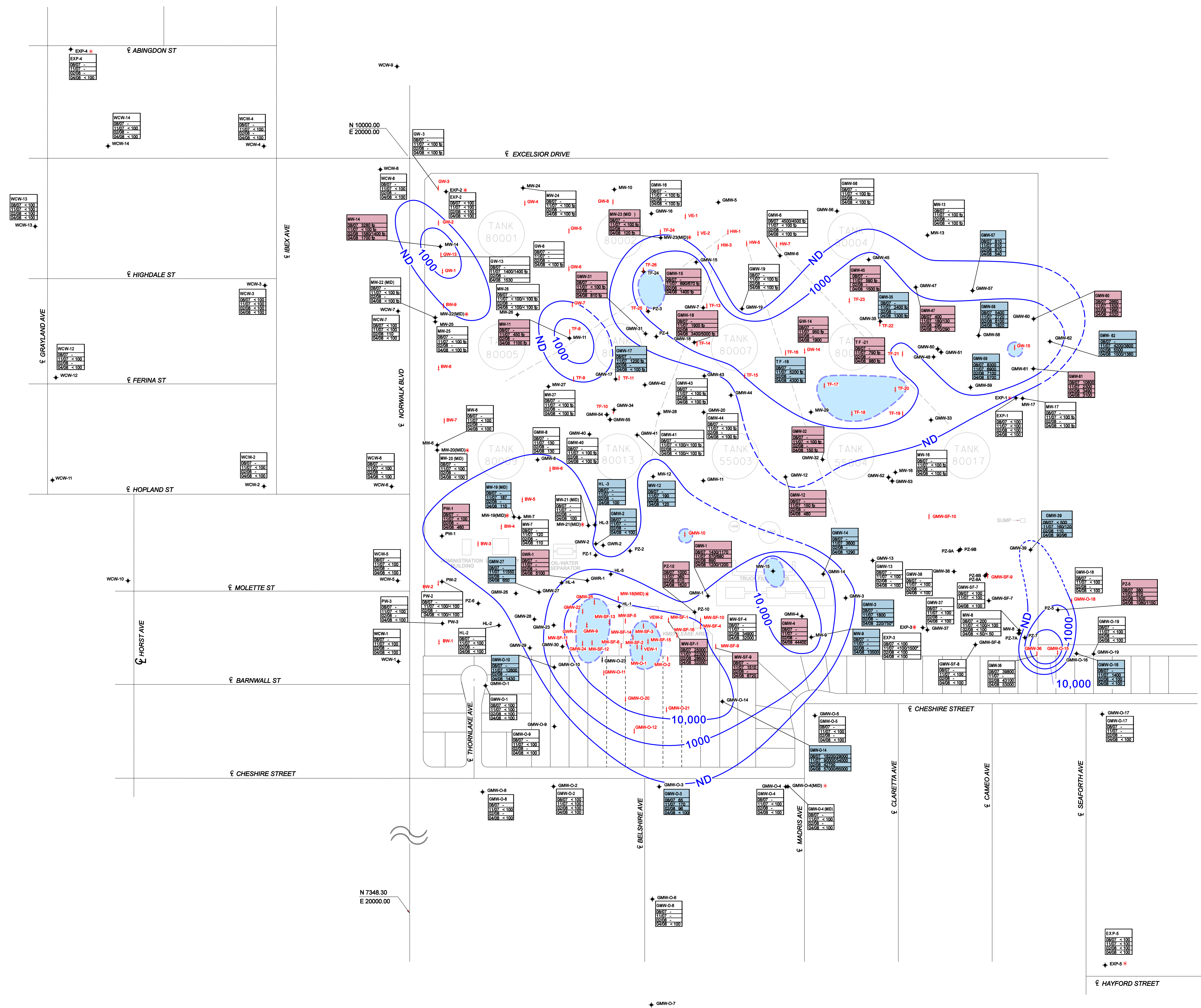
EXPLANATION

- EXP-4 28.86 ● GROUNDWATER MONITORING WELL AND GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (MSL)
- 28.5 ——— LINE OF EQUAL GROUNDWATER ELEVATION IN FEET MSL; DASHED WHERE INFERRED
- ➔ APPROXIMATE DIRECTION OF GROUNDWATER FLOW



BASEMAP MODIFIED FROM DATA PROVIDED BY GROUNDWATER TECHNOLOGY, DULIN & BOYNTON, AND GEOMATRIX.

<p>GROUNDWATER EQUIPOTENTIAL MAP FOR EXPOSITION AQUIFER APRIL 14, 2008 DFSP NORWALK Norwalk, California</p>		
By: kle	Date: 7/22/08	Project No: 1603.044
AMEC Geomatrix		Figure 3

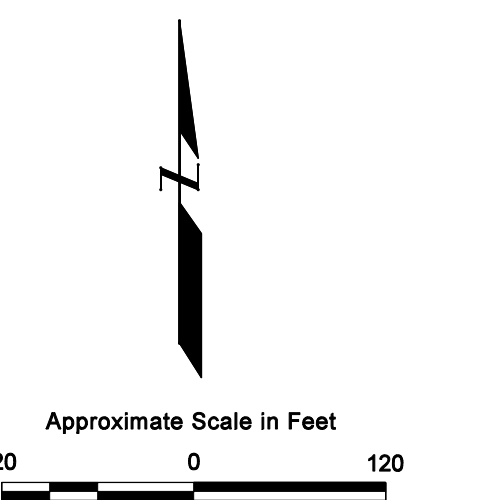


EXPLANATION

- 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 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-43 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-82 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 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/DUPPLICATE SAMPLE ANALYTICAL RESULTS (µg/l)
- < 100/1500* SAMPLE COLLECTED BY SECOR/SAMPLE COLLECTED BY PARSONS
- 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

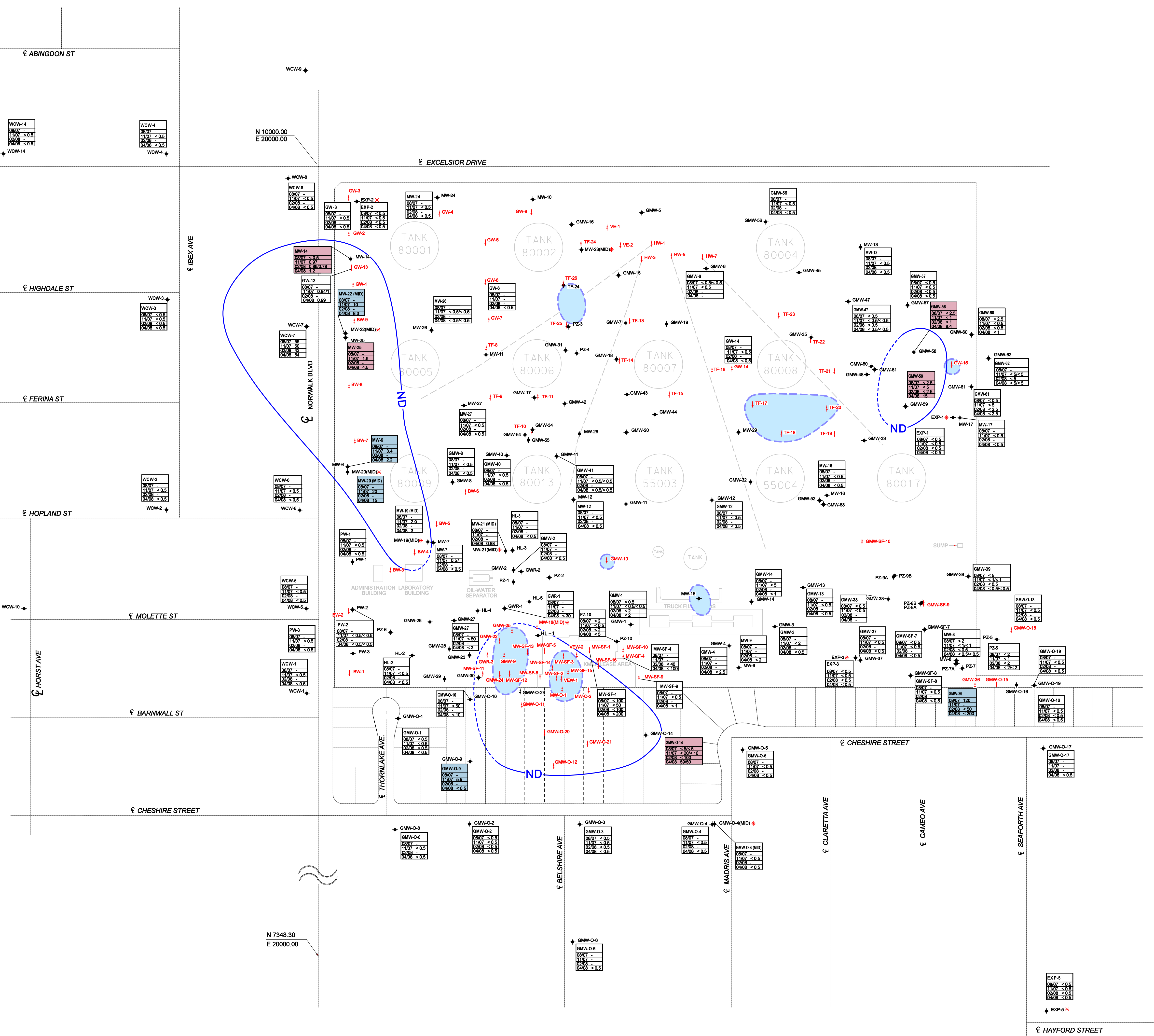
SURVEY NOTES:

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 APRIL 2008

DFSP NORWALK
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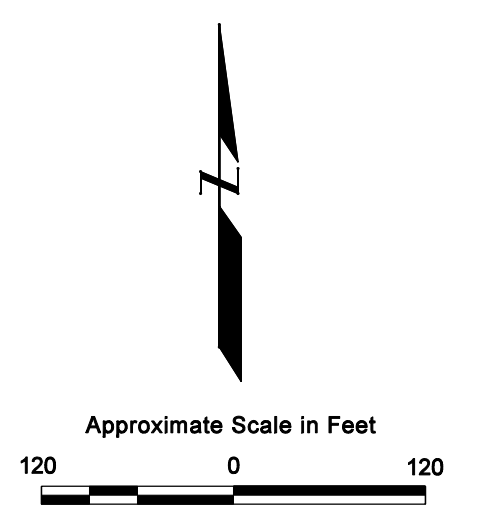


EXPLANATION

- GMW-5 → MONITORING WELL AND DESIGNATION
- VE-1 ↓ VAPOR EXTRACTION, GROUNDWATER EXTRACTION, TOTAL FLUIDS, OR FREE PRODUCT EXTRACTION WELL USED FOR SITE REMEDIATION
- | | | |
|--------|-------|-------|
| GMW-62 | 0807 | < 0.5 |
| 1107 | < 0.5 | |
| 0408 | < 0.5 | |
- | | | |
|--------|-------|-------|
| GMW-58 | 0807 | > 2.5 |
| 1107 | > 2.5 | |
| 0408 | > 2.5 | |
- | | | |
|---------|-------|-------|
| GMW-0-9 | 0807 | < 0.5 |
| 1107 | < 0.5 | |
| 0408 | < 0.5 | |
- <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 1,2-DCA IN GROUNDWATER (CONCENTRATION DEPENDENT ON LABORATORY REPORTING LIMIT); DASHED WHERE INFERRED
- | | | |
|-------|-------|-------|
| EXP-6 | 0807 | < 0.5 |
| 1107 | < 0.5 | |
| 0408 | < 0.5 | |

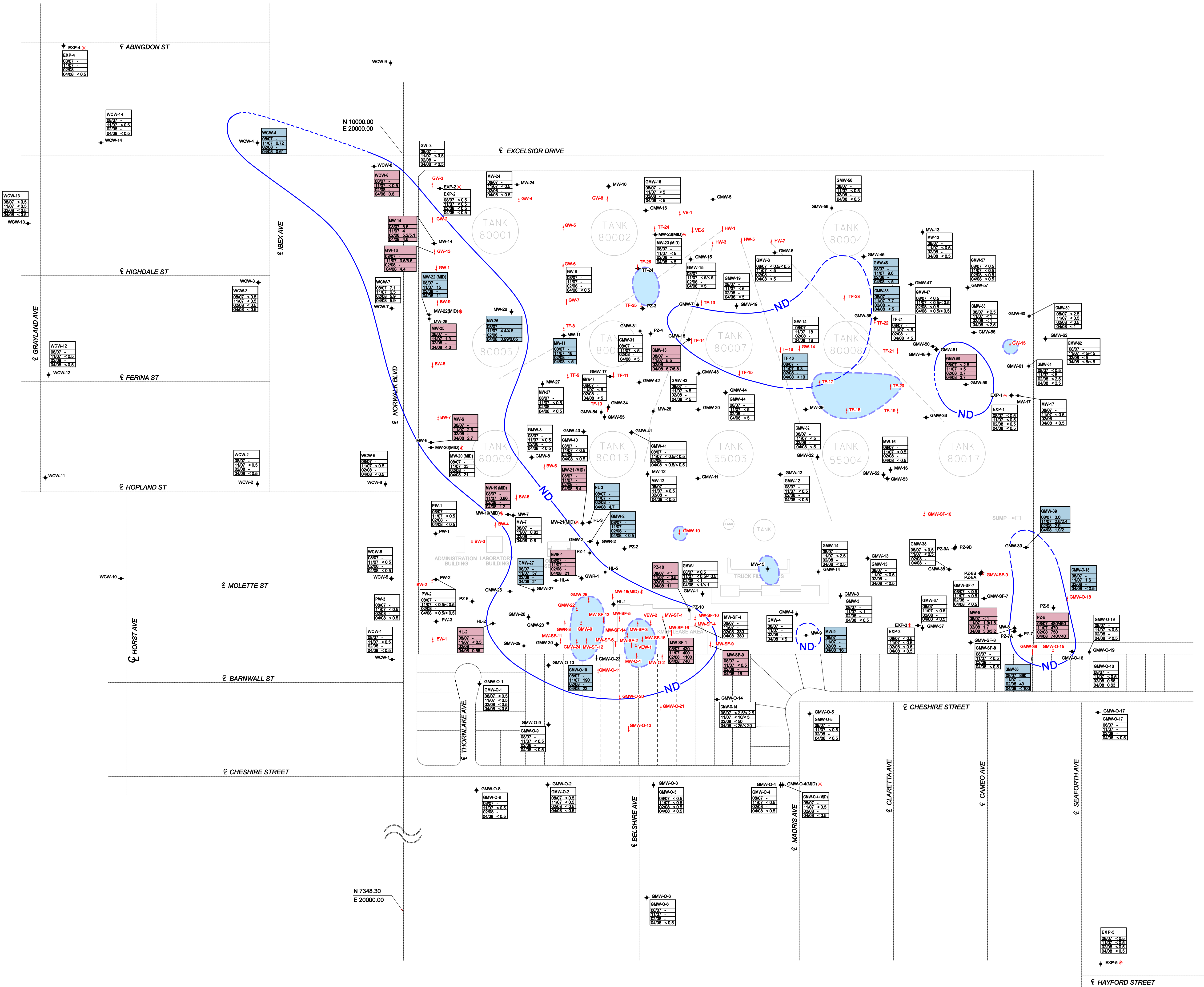
SURVEY NOTES:

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 GEOMATRIX 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 APRIL 2008

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
- | | | |
|--------|------|-------|
| GMW-43 | 0807 | - |
| | 1107 | < 0.5 |
| | 0408 | < 0.5 |
- | | | |
|--------|------|-------|
| GMW-58 | 0807 | < 0.5 |
| | 1107 | < 0.5 |
| | 0408 | < 0.5 |
- | | | |
|--------|------|-------|
| GMW-35 | 0807 | < 0.5 |
| | 1107 | < 0.5 |
| | 0408 | < 0.5 |
- <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 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.

METHYL TERT-BUTYL ETHER IN UPPERMOST GROUNDWATER ZONE APRIL 2008

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