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## Start Sheet Scanning

**Box No.:** 7039 MILL CREEK RD LEVITTOWN PA 19057

**Agency:** DEP

**Bureau:** ENV CLEANUP & BROWNFIELDS ECB

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**Region:** SOUTHEAST REGIONAL OFFICE

**County:** BUCKS

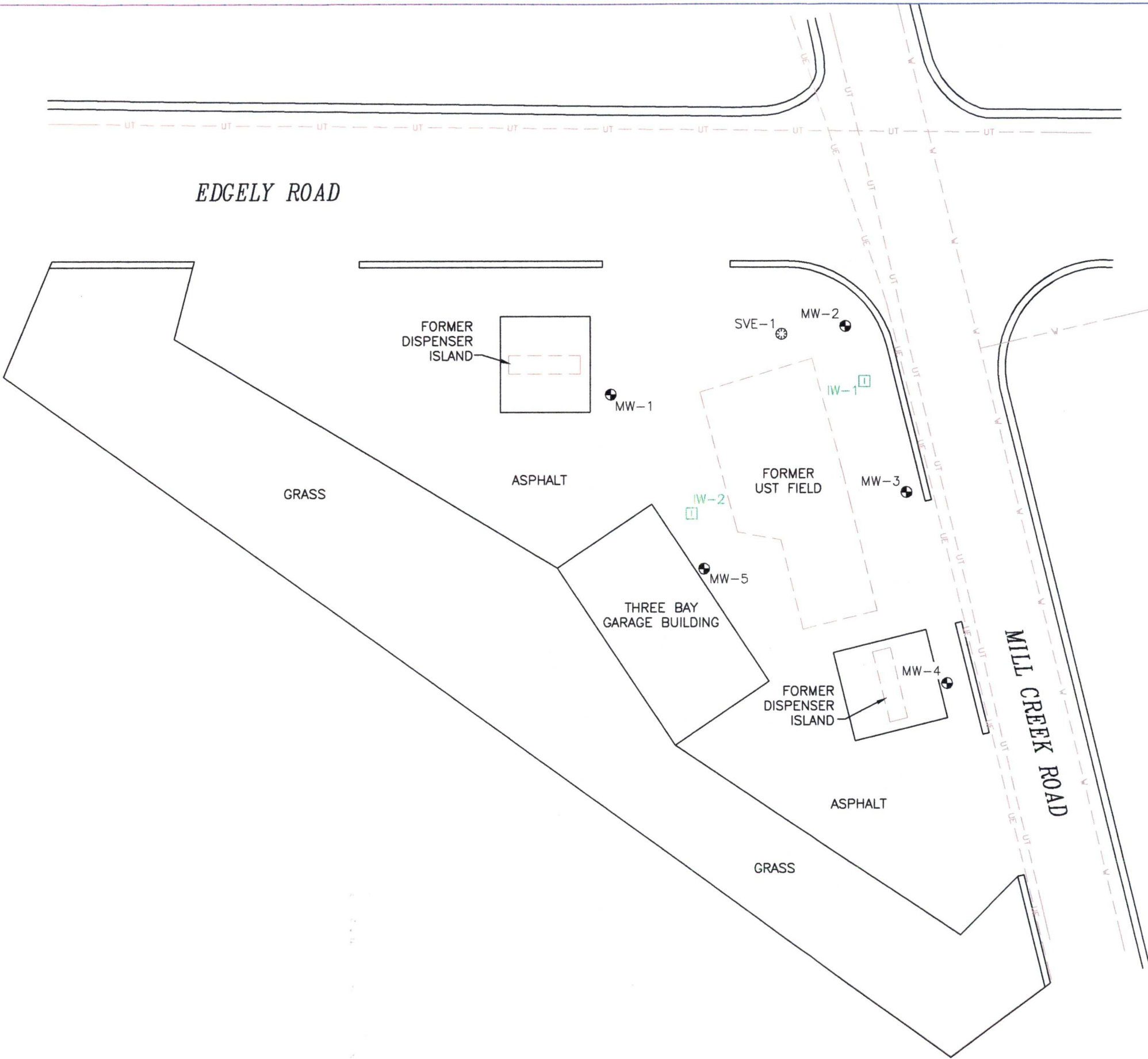
**Municipality:** BRISTOL TOWNSHIP

**Permit / Project #:** 619927

**Case Name:** CITGO STA - RIR/CUP MAPS -2006

**Year:** 2006

**eFacts Facility ID:** 619927

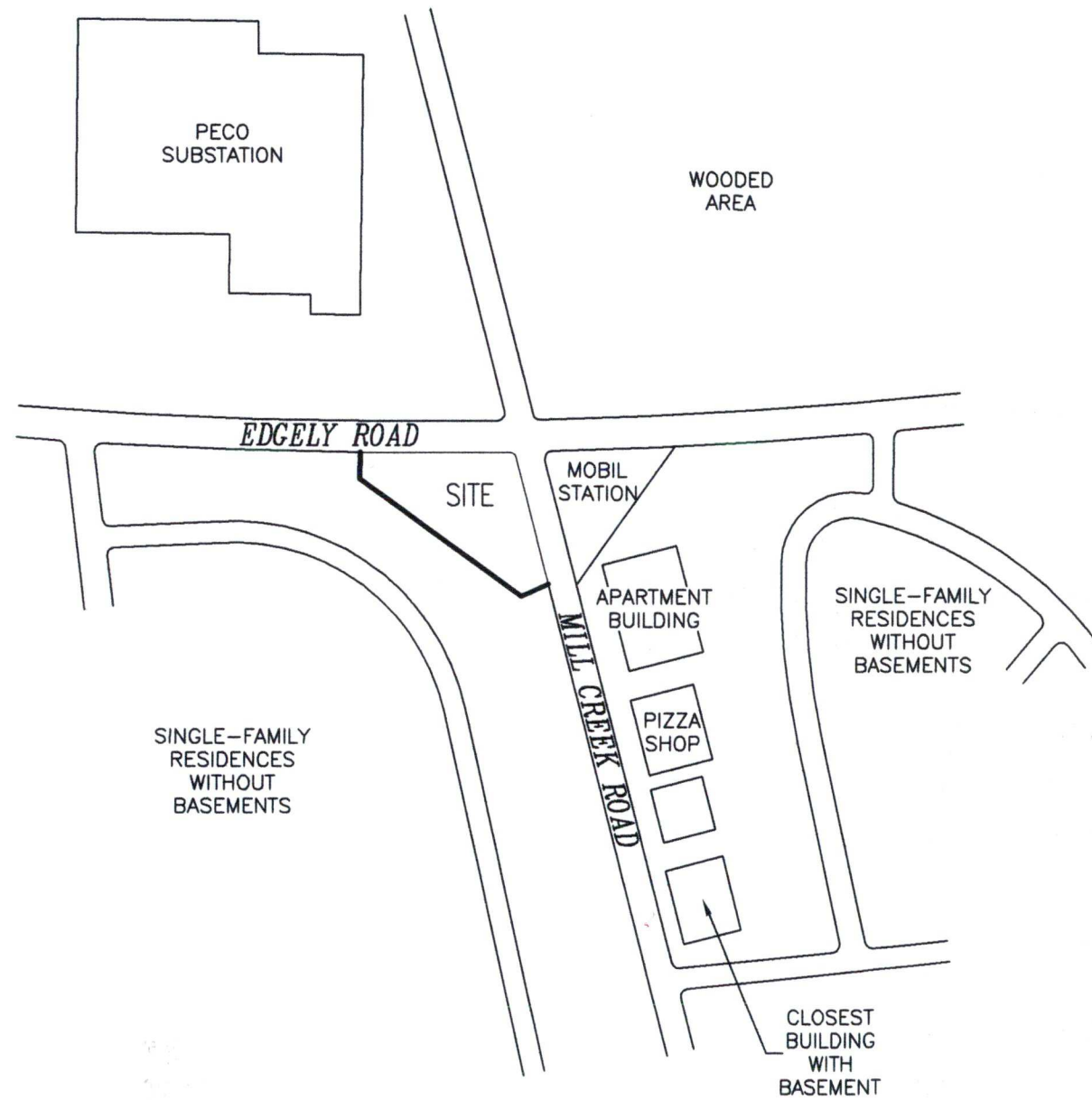



**LEGEND**

- MONITORING WELL
- ⊗ VAPOR EXTRACTION POINT
- INJECTION WELL
- W — WATER LINE
- UE — UNDERGROUND ELECTRIC LINE
- UT — UNDERGROUND TELEPHONE LINE

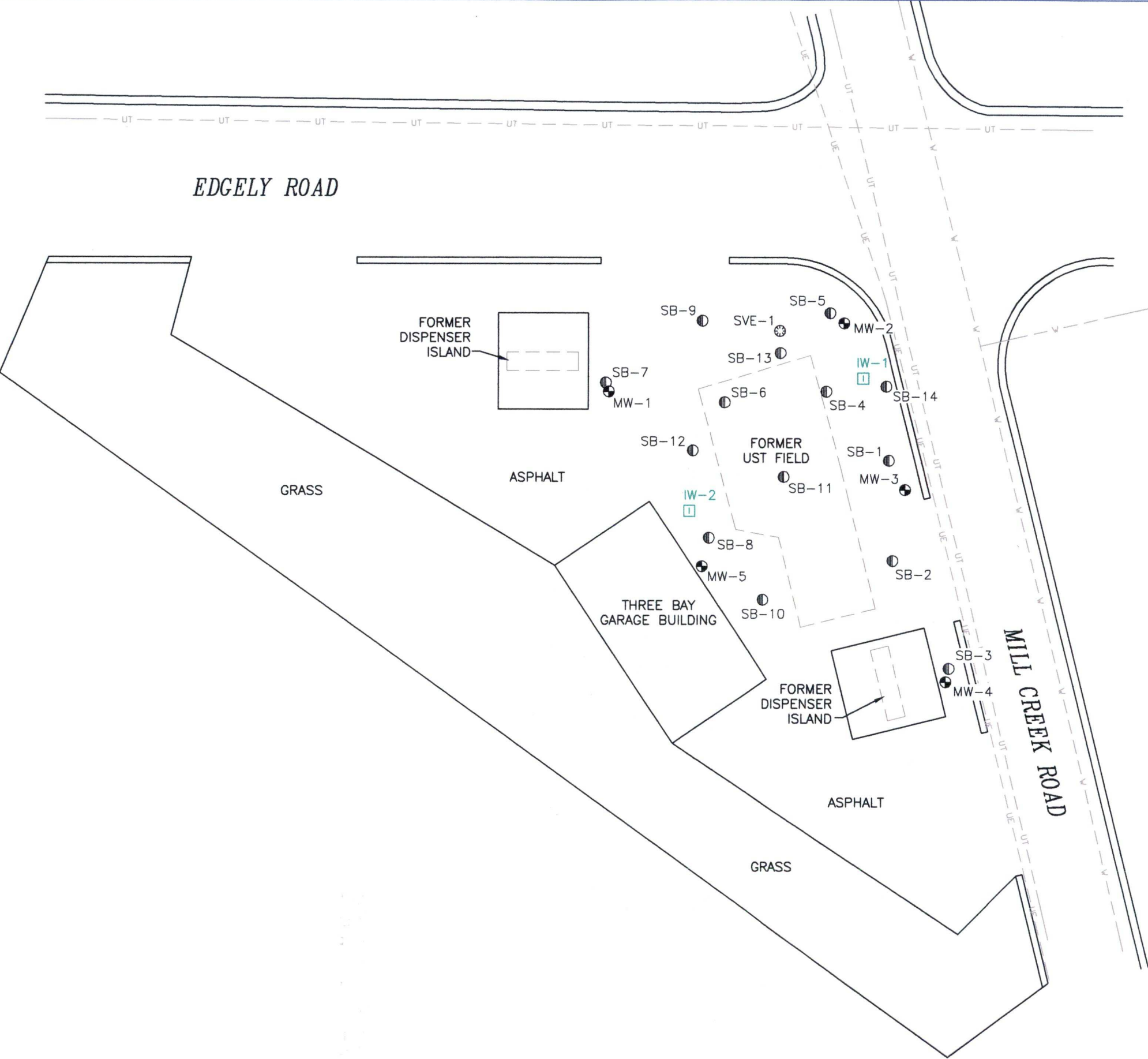
NOTE: LOCATION OF SUBGRADE UTILITIES ARE APPROXIMATE.

DRAFTED BY: TP (EXTON)	<b>SITE MAP</b>		
CHECKED BY: SEC	<b>FORMER CITGO STATION 7039 MILLCREEK ROAD LEVITTOWN, PENNSYLVANIA</b>		
REVIEWED BY: TLD	<b>Groundwater &amp; Environmental Services, Inc.</b> 410 EAGLEVIEW BOULEVARD, SUITE 110, EXTON, PA 19341		
NORTH 	SCALE IN FEET 	DATE 03-10-06	FIGURE 2



DRAFTED BY: TP (EXTON)	SURROUNDING PROPERTIES MAP		
CHECKED BY: SEC	FORMER CITGO STATION 7039 MILLCREEK ROAD LEVITTOWN, PENNSYLVANIA		
REVIEWED BY: TLD	Groundwater & Environmental Services, Inc. 410 EAGLEVIEW BOULEVARD, SUITE 110, EXTON, PA 19341		
NORTH 	NOT TO SCALE	DATE 03-10-06	FIGURE 3



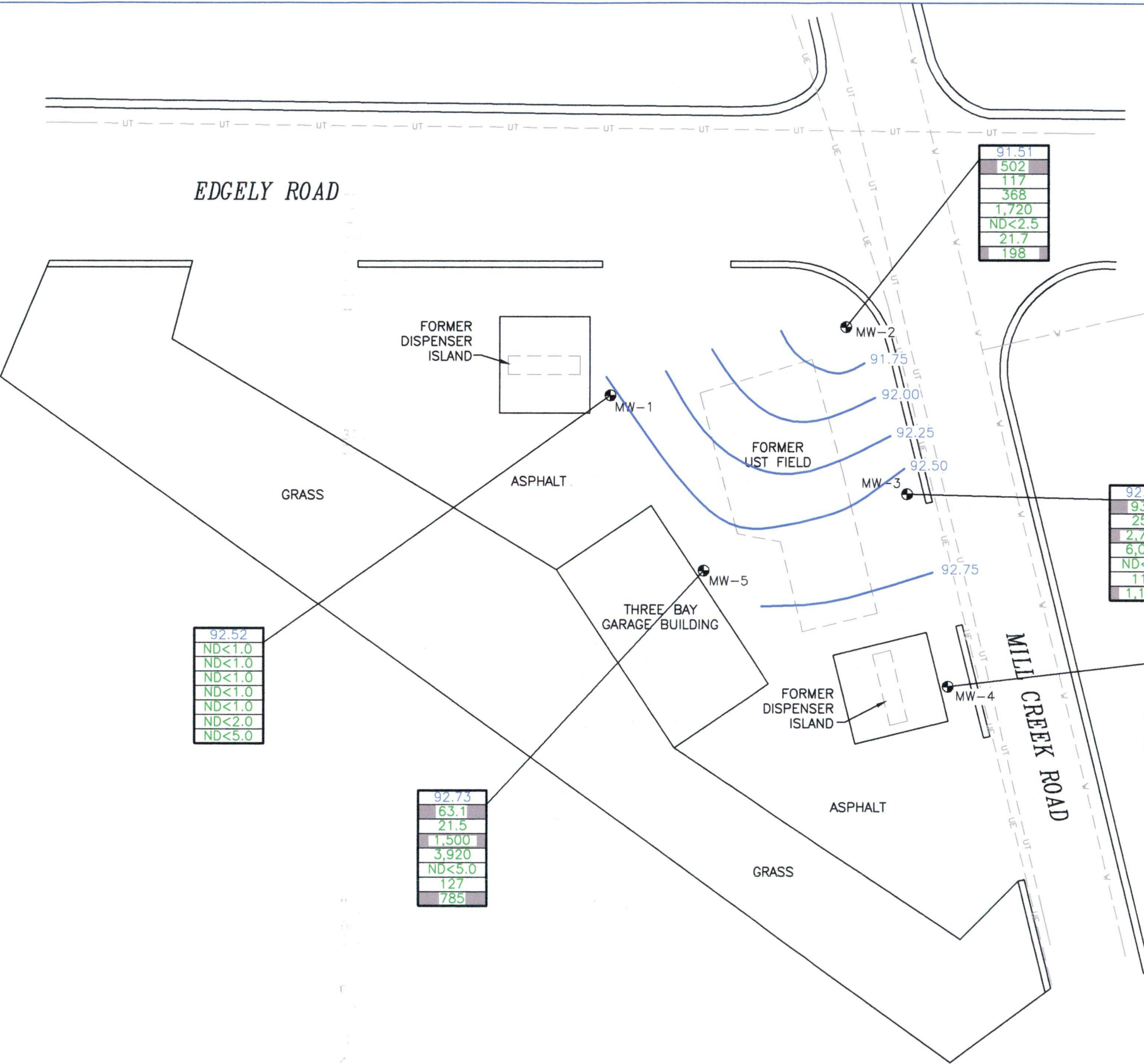


# LEGEND

- MONITORING WELL
- ⊗ VAPOR EXTRACTION POINT
- INJECTION WELL
- W --- WATER LINE
- UE --- UNDERGROUND ELECTRIC LINE
- UT --- UNDERGROUND TELEPHONE LINE
- SOIL BORING

NOTE: LOCATION OF SUBGRADE UTILITIES ARE APPROXIMATE.

DRAFTED BY: TP (EXTON)	SOIL BORING LOCATION MAP		
CHECKED BY: SEC	FORMER CITGO STATION 7039 MILLCREEK ROAD LEVITTOWN, PENNSYLVANIA		
REVIEWED BY: TLD	Groundwater & Environmental Services, Inc. 410 EAGLEVIEW BOULEVARD, SUITE 110, EXTON, PA 19341		
NORTH 	SCALE IN FEET 	DATE 03-10-06	FIGURE 4



**LEGEND**

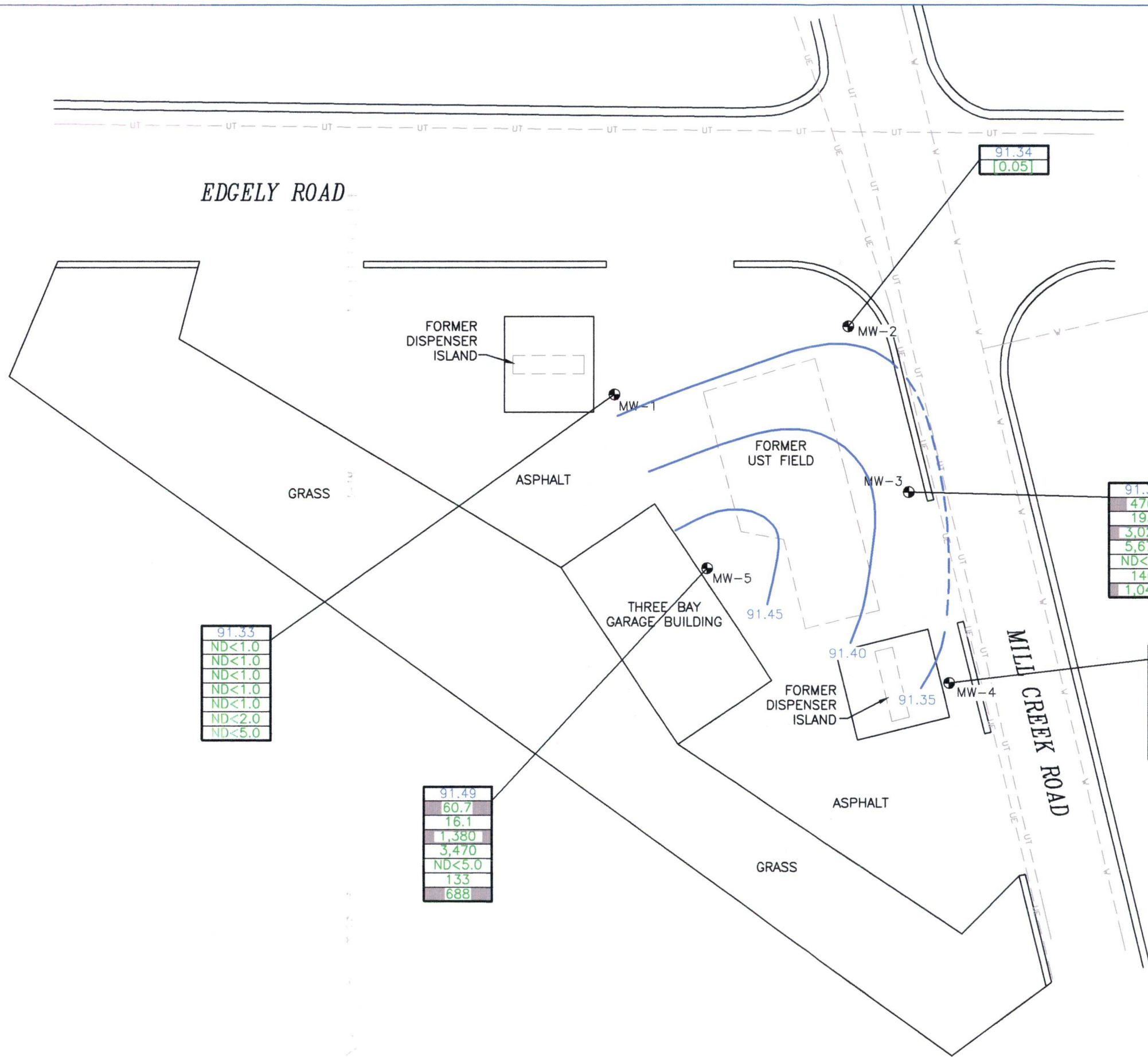
- ⊕ MONITORING WELL
- W — WATER LINE
- UE — UNDERGROUND ELECTRIC LINE
- UT — UNDERGROUND TELEPHONE LINE
- 92.73 GROUNDWATER ELEVATION (feet)
- 63.1 BENZENE CONCENTRATION (ug/L)
- 21.5 TOLUENE CONCENTRATION (ug/L)
- 1,500 ETHYLBENZENE CONCENTRATION (ug/L)
- 3,920 TOTAL XYLENES CONCENTRATION (ug/L)
- ND<5.0 MTBE CONCENTRATION (ug/L)
- 127 ISOPROPYLBENZENE CONCENTRATION (ug/L)
- 785 NAPHTHALENE CONCENTRATION (ug/L)
- 92.25 GROUNDWATER CONTOUR (feet)
- ND NOT DETECTED

NOTE: SHADED VALUES EXCEED PADEP MSCs FOR USED, NON-RESIDENTIAL AQUIFER.

NOTE: LOCATION OF SUBGRADE UTILITIES ARE APPROXIMATE.

DRAFTED BY: TP (EXTON)	GROUNDWATER MONITORING MAP JUNE 15, 2005		
CHECKED BY: SEC	FORMER CITGO STATION 7039 MILLCREEK ROAD LEVITTOWN, PENNSYLVANIA		
REVIEWED BY: TLD	Groundwater & Environmental Services, Inc. 410 EAGLEVIEW BOULEVARD, SUITE 110, EXTON, PA 19341		
NORTH 	SCALE IN FEET 	DATE 03-14-06	FIGURE 5





# LEGEND

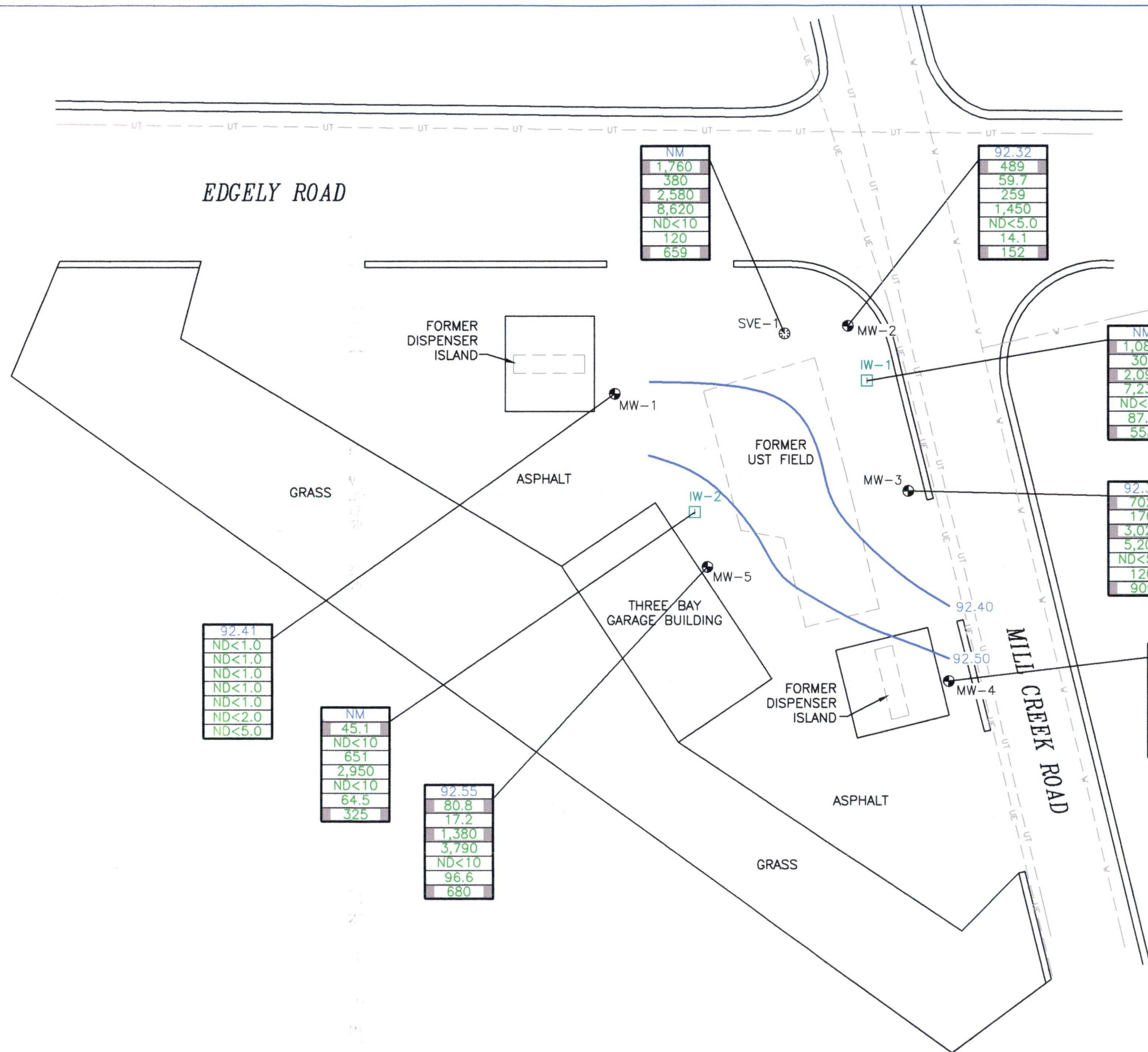
- MONITORING WELL
- WATER LINE
- UNDERGROUND ELECTRIC LINE
- UNDERGROUND TELEPHONE LINE
- GROUNDWATER ELEVATION (feet)
- BENZENE CONCENTRATION (ug/L)
- TOLUENE CONCENTRATION (ug/L)
- ETHYLBENZENE CONCENTRATION (ug/L)
- TOTAL XYLENES CONCENTRATION (ug/L)
- MTBE CONCENTRATION (ug/L)
- ISOPROPYLBENZENE CONCENTRATION (ug/L)
- NAPHTHALENE CONCENTRATION (ug/L)
- GROUNDWATER CONTOUR (feet)
- INFERRED GROUNDWATER CONTOUR (feet)
- NOT DETECTED
- SEPARATE PHASE HYDROCARBONS (feet)
- WELL NOT SAMPLED

NOTE: SHADED VALUES EXCEED PADEP MSCs FOR USED, NON-RESIDENTIAL AQUIFER.

NOTE: LOCATION OF SUBGRADE UTILITIES ARE APPROXIMATE.

DRAFTED BY: TP (EXTON)	GROUNDWATER MONITORING MAP SEPTEMBER 14, 2005		
CHECKED BY: SEC	FORMER CITGO STATION 7039 MILLCREEK ROAD LEVITTOWN, PENNSYLVANIA		
REVIEWED BY: TLD	Groundwater & Environmental Services, Inc. 410 EAGLEVIEW BOULEVARD, SUITE 110, EXTON, PA 19341		
NORTH 	SCALE IN FEET 	DATE 03-14-06	FIGURE 6





### LEGEND

- MONITORING WELL
- VAPOR EXTRACTION POINT
- INJECTION WELL
- WATER LINE
- UNDERGROUND ELECTRIC LINE
- UNDERGROUND TELEPHONE LINE
- |       |
|-------|
| 92.55 |
| 80.8  |
| 17.2  |
| 1,380 |
| 3,790 |
| ND<10 |
| 96.6  |
| 680   |

 GROUNDWATER ELEVATION (feet)
- |       |
|-------|
| 80.8  |
| 17.2  |
| 1,380 |
| 3,790 |
| ND<10 |
| 96.6  |
| 680   |

 BENZENE CONCENTRATION (ug/L)
- |       |
|-------|
| 80.8  |
| 17.2  |
| 1,380 |
| 3,790 |
| ND<10 |
| 96.6  |
| 680   |

 TOLUENE CONCENTRATION (ug/L)
- |       |
|-------|
| 80.8  |
| 17.2  |
| 1,380 |
| 3,790 |
| ND<10 |
| 96.6  |
| 680   |

 ETHYLBENZENE CONCENTRATION (ug/L)
- |       |
|-------|
| 80.8  |
| 17.2  |
| 1,380 |
| 3,790 |
| ND<10 |
| 96.6  |
| 680   |

 TOTAL XYLENES CONCENTRATION (ug/L)
- |       |
|-------|
| 80.8  |
| 17.2  |
| 1,380 |
| 3,790 |
| ND<10 |
| 96.6  |
| 680   |

 MTBE CONCENTRATION (ug/L)
- |       |
|-------|
| 80.8  |
| 17.2  |
| 1,380 |
| 3,790 |
| ND<10 |
| 96.6  |
| 680   |

 ISOPROPYLBENZENE CONCENTRATION (ug/L)
- |       |
|-------|
| 80.8  |
| 17.2  |
| 1,380 |
| 3,790 |
| ND<10 |
| 96.6  |
| 680   |

 NAPHTHALENE CONCENTRATION (ug/L)
- GROUNDWATER CONTOUR (feet)
- ND NOT DETECTED
- NM NOT MEASURED

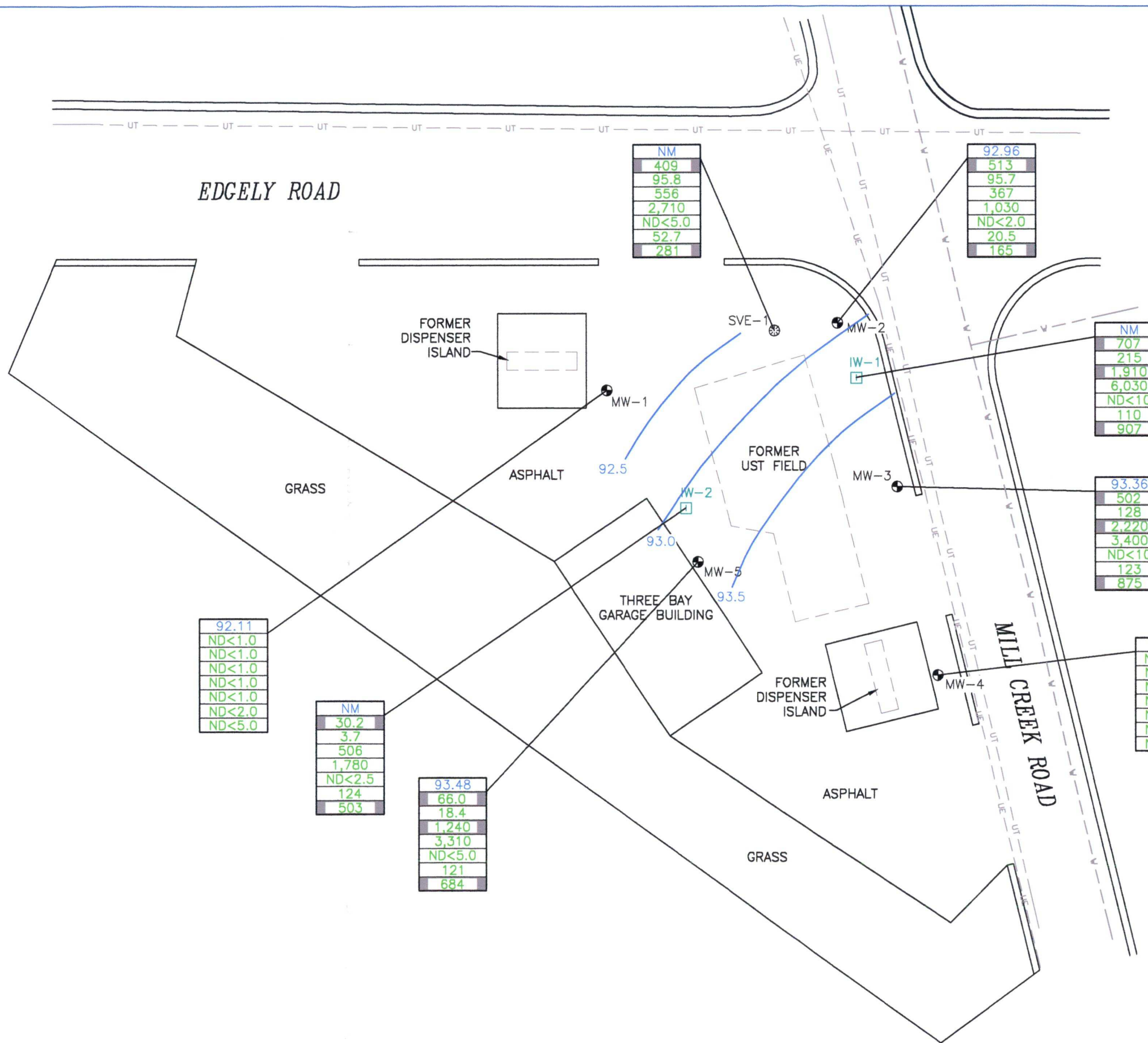
### NOTES:

- 1) WELLS IW-1, IW-2, AND SVE-1 ARE NOT INCLUDED IN THE GROUNDWATER CONTOURS BECAUSE THEIR TOP-OF-CASING ELEVATIONS HAVE NOT BEEN SURVEYED INTO THE MONITORING WELL NETWORK.
- 2) SHADED VALUES EXCEED PADEP MSCs FOR USED, NON-RESIDENTIAL AQUIFER.

NOTE: LOCATION OF SUBGRADE UTILITIES ARE APPROXIMATE.

DRAFTED BY: TP (EXTON)	GROUNDWATER MONITORING MAP DECEMBER 7, 2005		
CHECKED BY: SEC	FORMER CITGO STATION 7039 MILLCREEK ROAD LEVITTOWN, PENNSYLVANIA		
REVIEWED BY: TLD	Groundwater & Environmental Services, Inc. 410 EAGLEVIEW BOULEVARD, SUITE 110, EXTON, PA 19341		
NORTH 	SCALE IN FEET 	DATE 03-10-06	FIGURE 7
	0 30		





### LEGEND

- MONITORING WELL
- WATER LINE
- UE --- UNDERGROUND ELECTRIC LINE
- UT --- UNDERGROUND TELEPHONE LINE
- ⊗ VAPOR EXTRACTION POINT
- INJECTION WELL
- 93.48 GROUNDWATER ELEVATION (feet)
- 66.0 BENZENE CONCENTRATION (ug/L)
- 18.4 TOLUENE CONCENTRATION (ug/L)
- 1,240 ETHYLBENZENE CONCENTRATION (ug/L)
- 3,310 TOTAL XYLENES CONCENTRATION (ug/L)
- ND<5.0 MTBE CONCENTRATION (ug/L)
- 121 ISOPROPYLBENZENE CONCENTRATION (ug/L)
- 684 NAPHTHALENE CONCENTRATION (ug/L)
- 92.5 GROUNDWATER CONTOUR (feet)
- ND NOT DETECTED
- NM NOT MEASURED

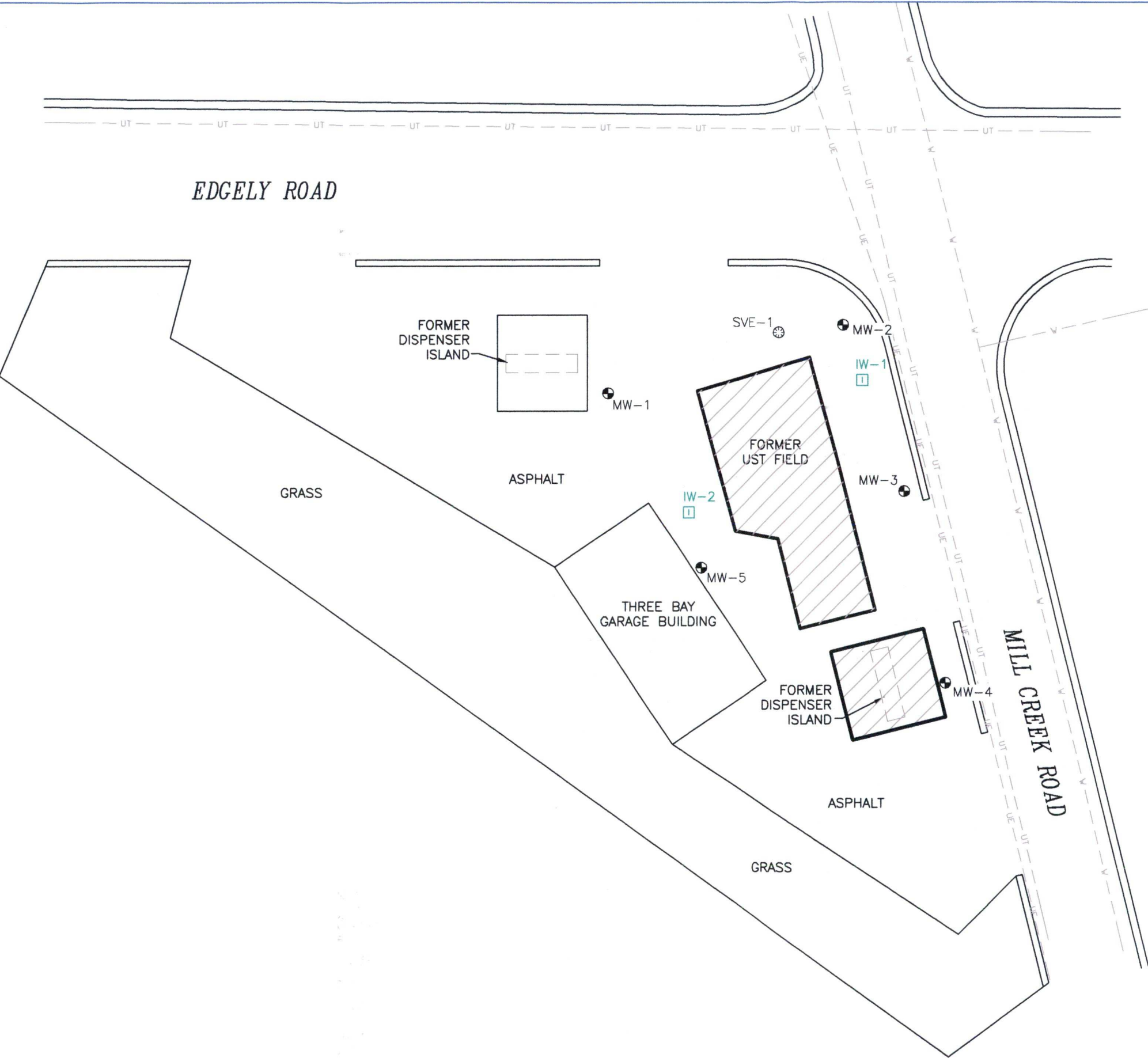
### NOTES:

- 1) WELLS IW-1, IW-2, AND SVE-1 ARE NOT INCLUDED IN THE GROUNDWATER CONTOURS BECAUSE THEIR TOP-OF-CASING ELEVATIONS HAVE NOT BEEN SURVEYED INTO THE MONITORING WELL NETWORK.
- 2) SHADED VALUES EXCEED PADEP MSCs FOR USED, NON-RESIDENTIAL AQUIFER.

NOTE: LOCATION OF SUBGRADE UTILITIES ARE APPROXIMATE.

DRAFTED BY: TP (EXTON)	GROUNDWATER MONITORING MAP FEBRUARY 1, 2006		
CHECKED BY: KGS	FORMER CITGO STATION 7039 MILLCREEK ROAD LEVITTOWN, PENNSYLVANIA		
REVIEWED BY: TLD	Groundwater & Environmental Services, Inc. 410 EAGLEVIEW BOULEVARD, SUITE 110, EXTON, PA 19341		
NORTH 	SCALE IN FEET 	DATE 04-28-06	FIGURE 8





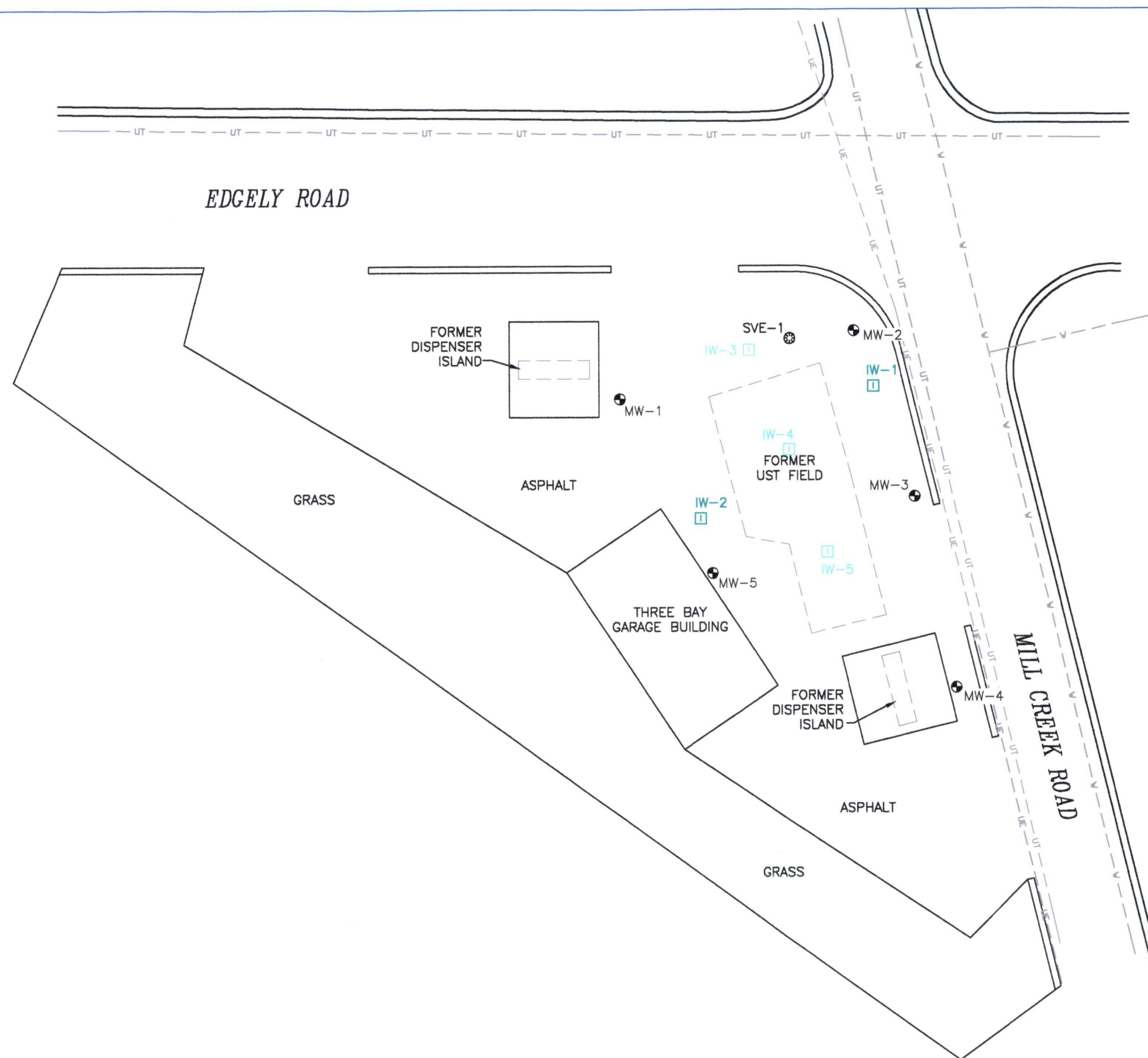
**LEGEND**

- MONITORING WELL
- VAPOR EXTRACTION POINT
- INJECTION WELL
- WATER LINE
- UNDERGROUND ELECTRIC LINE
- UNDERGROUND TELEPHONE LINE
- SOURCE AREA LOCATION

NOTE: LOCATION OF SUBGRADE UTILITIES ARE APPROXIMATE.

DRAFTED BY: TP (EXTON)	SOURCE AREA LOCATION MAP		
CHECKED BY: SEC	FORMER CITGO STATION 7039 MILLCREEK ROAD LEVITTOWN, PENNSYLVANIA		
REVIEWED BY: TLD	Groundwater & Environmental Services, Inc. 410 EAGLEVIEW BOULEVARD, SUITE 110, EXTON, PA 19341		
NORTH 	SCALE IN FEET 	DATE 03-10-06	FIGURE 9

- LEGEND**
- MONITORING WELL
  - V — WATER LINE
  - UE — UNDERGROUND ELECTRIC LINE
  - UT — UNDERGROUND TELEPHONE LINE
  - ⊗ VAPOR EXTRACTION POINT
  - INJECTION WELL
  - PROPOSED INJECTION WELL



NOTE: LOCATION OF SUBGRADE UTILITIES ARE APPROXIMATE.

DRAFTED BY: TP (EXTON)	<b>PROPOSED INJECTION WELL LOCATION MAP</b>		
CHECKED BY: KGS	<b>FORMER CITGO STATION 7039 MILLCREEK ROAD LEVITTOWN, PENNSYLVANIA</b>		
REVIEWED BY: TLD	<b>Groundwater &amp; Environmental Services, Inc.</b> 410 EAGLEVIEW BOULEVARD, SUITE 110, EXTON, PA 19341		
NORTH 	SCALE IN FEET 	DATE 04-28-06	FIGURE 10