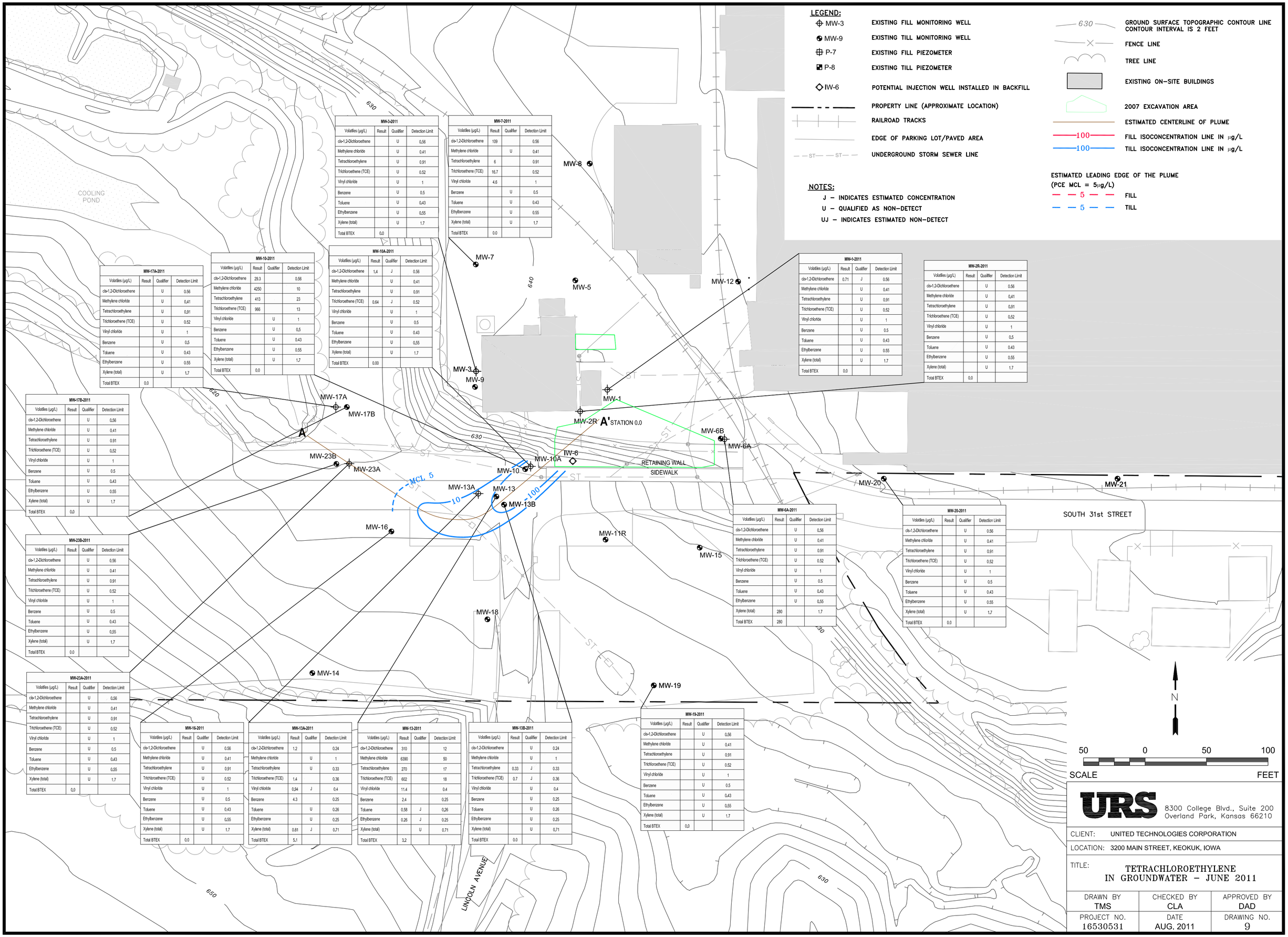

LEGEND:

- MW-3 — EXISTING FILL MONITORING WELL
- MW-9 — EXISTING TILL MONITORING WELL
- P-7 — EXISTING FILL PIEZOMETER
- P-8 — EXISTING TILL PIEZOMETER
- IW-6 — POTENTIAL INJECTION WELL INSTALLED IN BACKFILL
- PROPERTY LINE (APPROXIMATE LOCATION)
- RAILROAD TRACKS
- EDGE OF PARKING LOT/PAVED AREA
- ST — ST — UNDERGROUND STORM SEWER LINE
- 630 — GROUND SURFACE TOPOGRAPHIC CONTOUR LINE CONTOUR INTERVAL IS 2 FEET
- FENCE LINE
- TREE LINE
- EXISTING ON-SITE BUILDINGS
- 2007 EXCAVATION AREA
- ESTIMATED CENTERLINE OF PLUME
- 100 — FILL ISOCONCENTRATION LINE IN µg/L
- 100 — TILL ISOCONCENTRATION LINE IN µg/L

ESTIMATED LEADING EDGE OF THE PLUME (PCE MCL = 5µg/L)

- 5 — FILL
- 5 — TILL

NOTES:

J – INDICATES ESTIMATED CONCENTRATION
U – QUALIFIED AS NON-DETECT
UJ – INDICATES ESTIMATED NON-DETECT

MW-3-2011

Volatiles (µg/L)	Result	Qualifier	Detection Limit
cis-1,2-Dichloroethene		U	0.56
Methylene chloride		U	0.41
Tetrachloroethylene		U	0.91
Trichloroethene (TCE)		U	0.52
Vinyl chloride		U	1
Benzene		U	0.5
Toluene		U	0.43
Ethylbenzene		U	0.55
Xylene (total)		U	1.7
Total BTEX	0.0		

MW-7-2011

Volatiles (µg/L)	Result	Qualifier	Detection Limit
cis-1,2-Dichloroethene	109		0.56
Methylene chloride		U	0.41
Tetrachloroethylene	6		0.91
Trichloroethene (TCE)	16.7		0.52
Vinyl chloride	4.6		1
Benzene		U	0.5
Toluene		U	0.43
Ethylbenzene		U	0.55
Xylene (total)		U	1.7
Total BTEX	0.0		

MW-17A-2011

Volatiles (µg/L)	Result	Qualifier	Detection Limit
cis-1,2-Dichloroethene		U	0.56
Methylene chloride		U	0.41
Tetrachloroethylene		U	0.91
Trichloroethene (TCE)		U	0.52
Vinyl chloride		U	1
Benzene		U	0.5
Toluene		U	0.43
Ethylbenzene		U	0.55
Xylene (total)		U	1.7
Total BTEX	0.0		

MW-10-2011

Volatiles (µg/L)	Result	Qualifier	Detection Limit
cis-1,2-Dichloroethene	29.3		0.56
Methylene chloride	4250		10
Tetrachloroethylene	413		23
Trichloroethene (TCE)	966		13
Vinyl chloride		U	1
Benzene		U	0.5
Toluene		U	0.43
Ethylbenzene		U	0.55
Xylene (total)		U	1.7
Total BTEX	0.0		

MW-10A-2011

Volatiles (µg/L)	Result	Qualifier	Detection Limit
cis-1,2-Dichloroethene	1.4	J	0.56
Methylene chloride		U	0.41
Tetrachloroethylene		U	0.91
Trichloroethene (TCE)	0.64	J	0.52
Vinyl chloride		U	1
Benzene		U	0.5
Toluene		U	0.43
Ethylbenzene		U	0.55
Xylene (total)		U	1.7
Total BTEX	0.00		

MW-1-2011

Volatiles (µg/L)	Result	Qualifier	Detection Limit
cis-1,2-Dichloroethene	0.71	J	0.56
Methylene chloride		U	0.41
Tetrachloroethylene		U	0.91
Trichloroethene (TCE)		U	0.52
Vinyl chloride		U	1
Benzene		U	0.5
Toluene		U	0.43
Ethylbenzene		U	0.55
Xylene (total)		U	1.7
Total BTEX	0.0		

MW-2R-2011

Volatiles (µg/L)	Result	Qualifier	Detection Limit
cis-1,2-Dichloroethene		U	0.56
Methylene chloride		U	0.41
Tetrachloroethylene		U	0.91
Trichloroethene (TCE)		U	0.52
Vinyl chloride		U	1
Benzene		U	0.5
Toluene		U	0.43
Ethylbenzene		U	0.55
Xylene (total)		U	1.7
Total BTEX	0.0		

MW-17B-2011

Volatiles (µg/L)	Result	Qualifier	Detection Limit
cis-1,2-Dichloroethene		U	0.56
Methylene chloride		U	0.41
Tetrachloroethylene		U	0.91
Trichloroethene (TCE)		U	0.52
Vinyl chloride		U	1
Benzene		U	0.5
Toluene		U	0.43
Ethylbenzene		U	0.55
Xylene (total)		U	1.7
Total BTEX	0.0		

MW-23B-2011

Volatiles (µg/L)	Result	Qualifier	Detection Limit
cis-1,2-Dichloroethene		U	0.56
Methylene chloride		U	0.41
Tetrachloroethylene		U	0.91
Trichloroethene (TCE)		U	0.52
Vinyl chloride		U	1
Benzene		U	0.5
Toluene		U	0.43
Ethylbenzene		U	0.55
Xylene (total)		U	1.7
Total BTEX	0.0		

MW-23A-2011

Volatiles (µg/L)	Result	Qualifier	Detection Limit
cis-1,2-Dichloroethene		U	0.56
Methylene chloride		U	0.41
Tetrachloroethylene		U	0.91
Trichloroethene (TCE)		U	0.52
Vinyl chloride		U	1
Benzene		U	0.5
Toluene		U	0.43
Ethylbenzene		U	0.55
Xylene (total)		U	1.7
Total BTEX	0.0		

MW-16-2011

Volatiles (µg/L)	Result	Qualifier	Detection Limit
cis-1,2-Dichloroethene		U	0.56
Methylene chloride		U	0.41
Tetrachloroethylene		U	0.91
Trichloroethene (TCE)		U	0.52
Vinyl chloride		U	1
Benzene		U	0.5
Toluene		U	0.43
Ethylbenzene		U	0.55
Xylene (total)		U	1.7
Total BTEX	0.0		

MW-13A-2011

Volatiles (µg/L)	Result	Qualifier	Detection Limit
cis-1,2-Dichloroethene	1.2		0.24
Methylene chloride		U	1
Tetrachloroethylene		U	0.33
Trichloroethene (TCE)	1.4		0.36
Vinyl chloride	0.94	J	0.4
Benzene	4.3		0.25
Toluene		U	0.26
Ethylbenzene		U	0.25
Xylene (total)	0.81	J	0.71
Total BTEX	5.1		

MW-13-2011

Volatiles (µg/L)	Result	Qualifier	Detection Limit
cis-1,2-Dichloroethene	310		12
Methylene chloride	6390		50
Tetrachloroethylene	270		17
Trichloroethene (TCE)	602		18
Vinyl chloride	11.4		0.4
Benzene	2.4		0.25
Toluene	0.58	J	0.26
Ethylbenzene	0.26	J	0.25
Xylene (total)		U	0.71
Total BTEX	3.2		

MW-13B-2011

Volatiles (µg/L)	Result	Qualifier	Detection Limit
cis-1,2-Dichloroethene		U	0.24
Methylene chloride		U	1
Tetrachloroethylene	0.33	J	0.33
Trichloroethene (TCE)	0.7	J	0.36
Vinyl chloride		U	0.4
Benzene		U	0.25
Toluene		U	0.26
Ethylbenzene		U	0.25
Xylene (total)		U	0.71
Total BTEX	0.0		

MW-19-2011

Volatiles (µg/L)	Result	Qualifier	Detection Limit
cis-1,2-Dichloroethene		U	0.56
Methylene chloride		U	0.41
Tetrachloroethylene		U	0.91
Trichloroethene (TCE)		U	0.52
Vinyl chloride		U	1
Benzene		U	0.5
Toluene		U	0.43
Ethylbenzene		U	0.55
Xylene (total)		U	1.7
Total BTEX	0.0		

MW-6A-2011

Volatiles (µg/L)	Result	Qualifier	Detection Limit
cis-1,2-Dichloroethene		U	0.56
Methylene chloride		U	0.41
Tetrachloroethylene		U	0.91
Trichloroethene (TCE)		U	0.52
Vinyl chloride		U	1
Benzene		U	0.5
Toluene		U	0.43
Ethylbenzene		U	0.55
Xylene (total)	280		1.7
Total BTEX	280		

MW-20-2011

Volatiles (µg/L)	Result	Qualifier	Detection Limit
cis-1,2-Dichloroethene		U	0.56
Methylene chloride		U	0.41
Tetrachloroethylene		U	0.91
Trichloroethene (TCE)		U	0.52
Vinyl chloride		U	1
Benzene		U	0.5
Toluene		U	0.43
Ethylbenzene		U	0.55
Xylene (total)		U	1.7
Total BTEX	0.0		

August 11, 2011 2:09:33 pm (mik)
J:\3200 Main Street\16529904\August 2011\9-15.dwg

URS
8300 College Blvd., Suite 200
Overland Park, Kansas 66210

CLIENT: UNITED TECHNOLOGIES CORPORATION

LOCATION: 3200 MAIN STREET, KEOKUK, IOWA

TITLE: TETRACHLOROETHYLENE IN GROUNDWATER – JUNE 2011

DRAWN BY	CHECKED BY	APPROVED BY
TMS	CLA	DAD
PROJECT NO.	DATE	DRAWING NO.
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