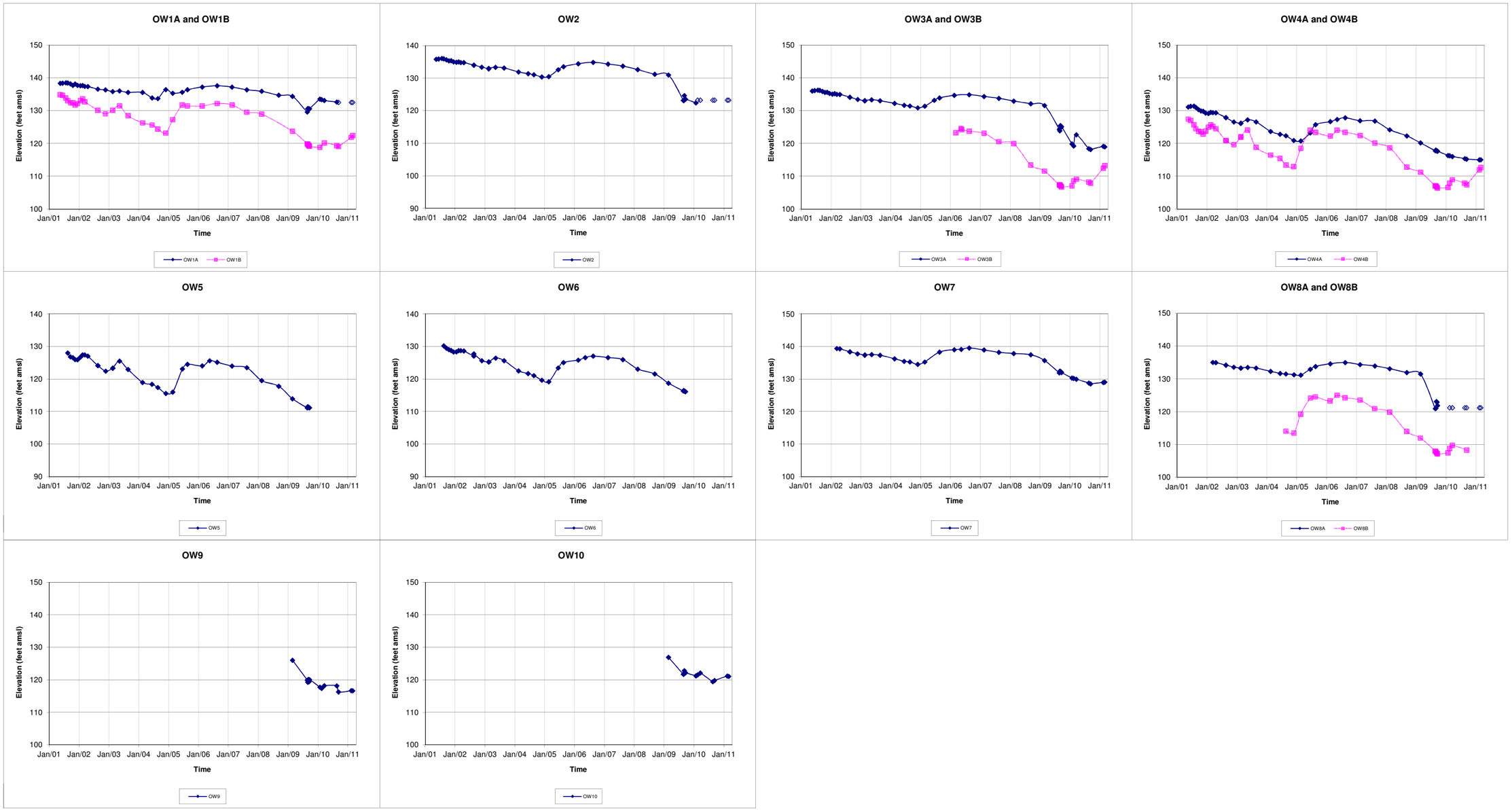


Notes:

1) Elevations are in feet above mean sea level (amsl).

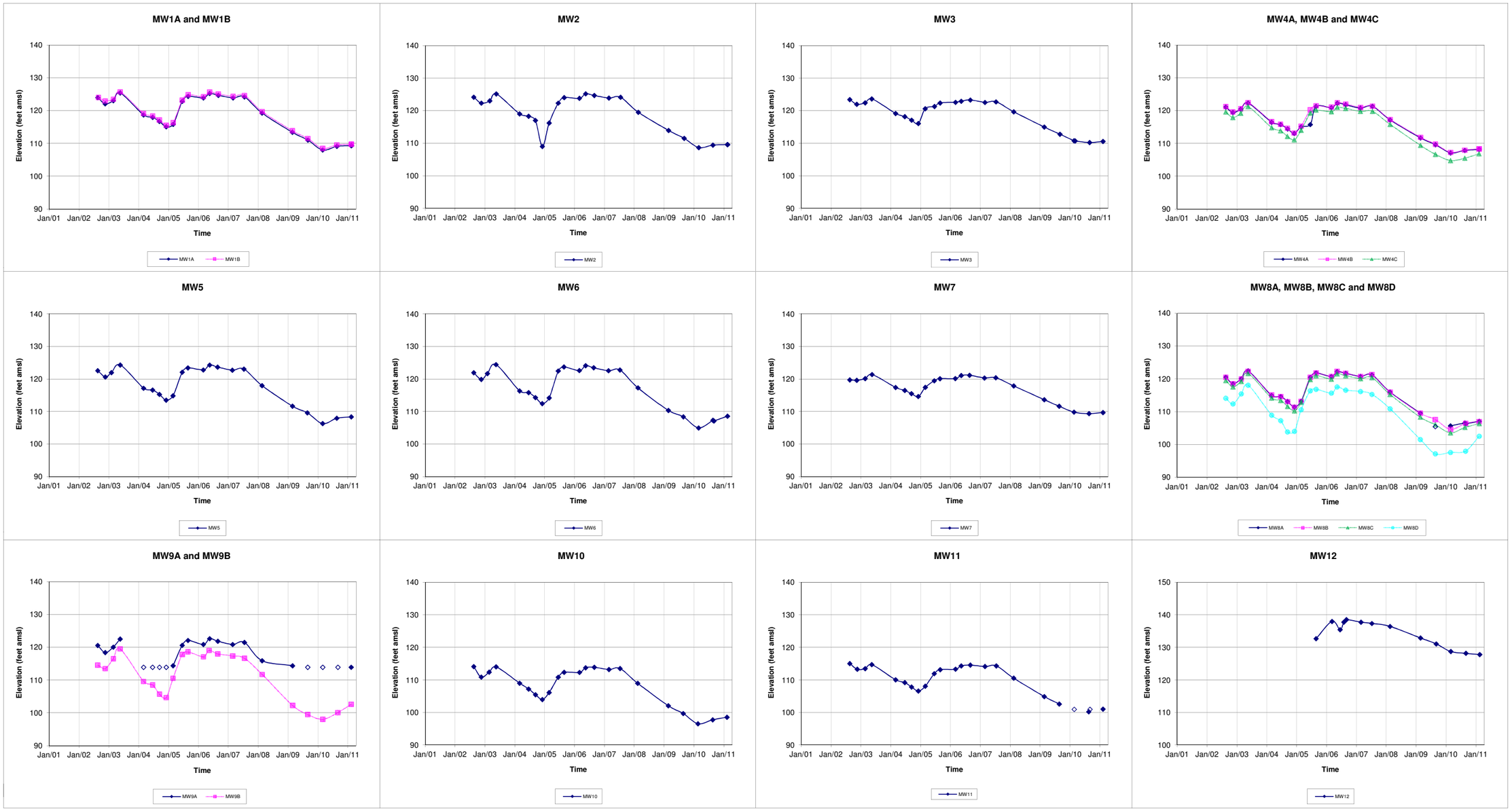
2) If the well was dry, an unfilled symbol is used at the elevation of the bottom of the well screen.

3) OW5 and OW6 were discontinued, and therefore no data is available for 2010 and 2011.

Figure 3-1a

Well Hydrographs

Omega Chemical



Notes:

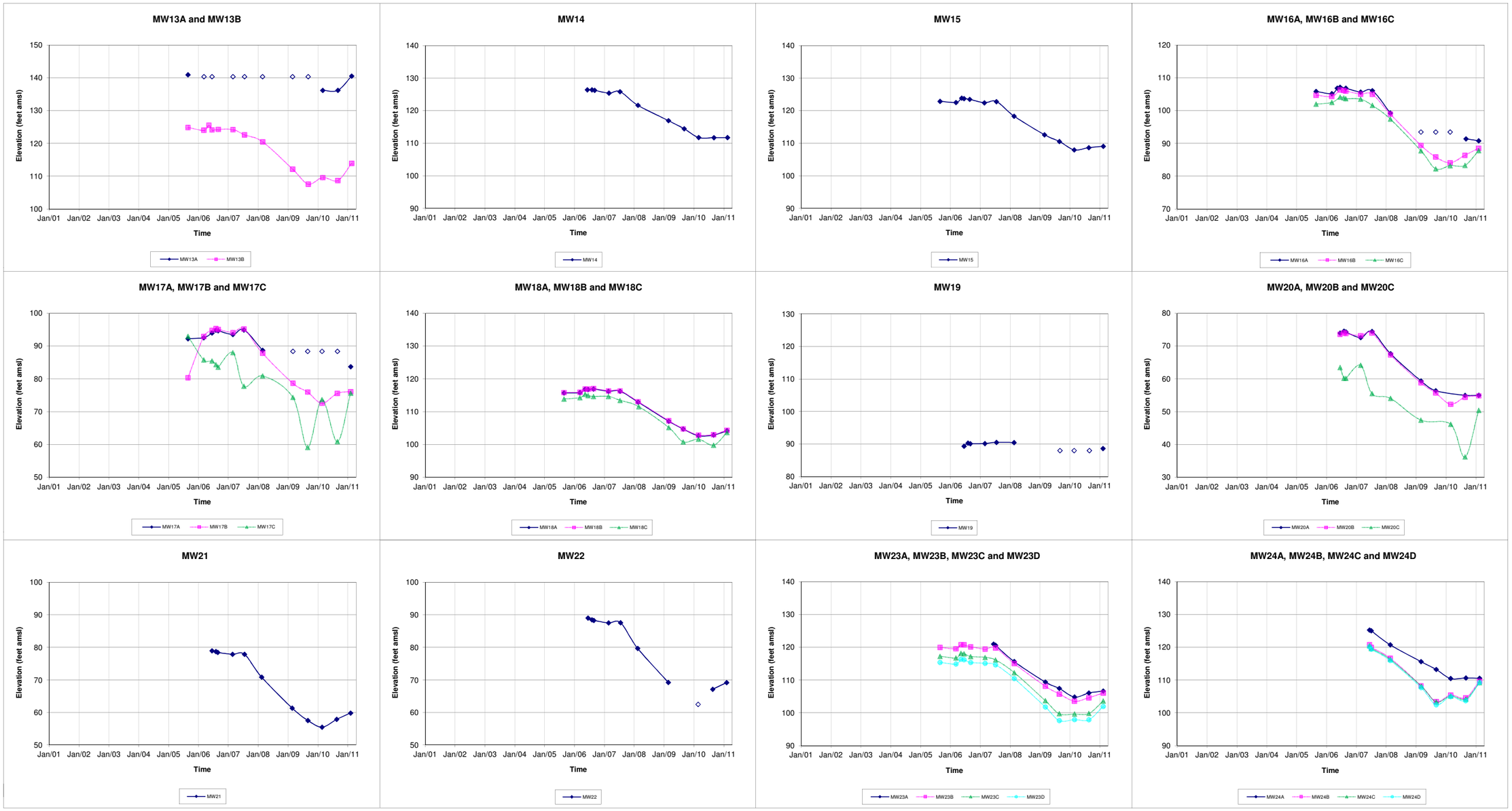
1) Elevations are in feet above mean sea level (amsl).

2) If the well was dry, an unfilled symbol is used at the elevation of the bottom of the well screen.

Figure 3-1b

Well Hydrographs

Omega Chemical



Notes:

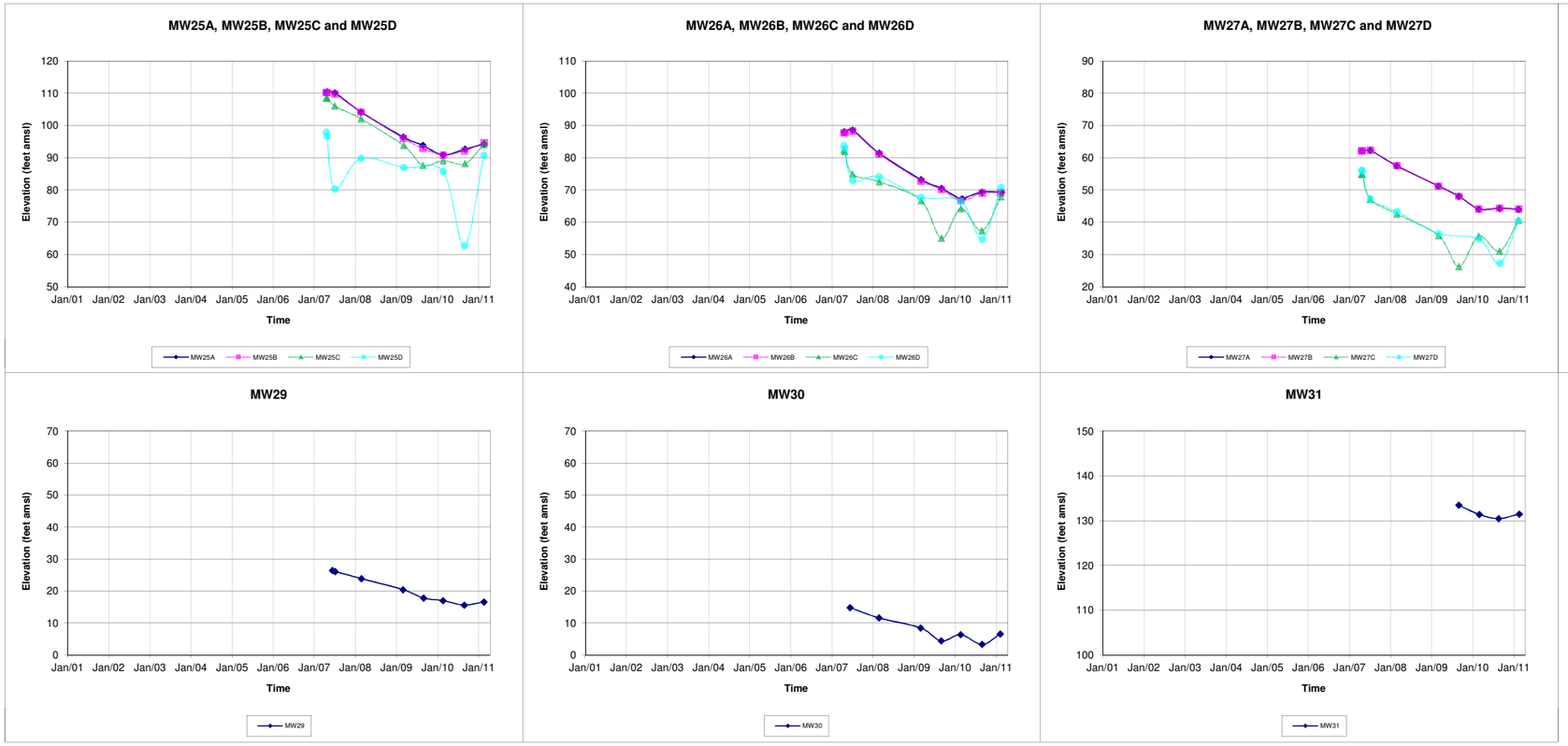
1) Elevations are in feet above mean sea level (amsl).

2) If the well was dry, an unfilled symbol is used at the elevation of the bottom of the well screen.

Figure 3-1c

Well Hydrographs

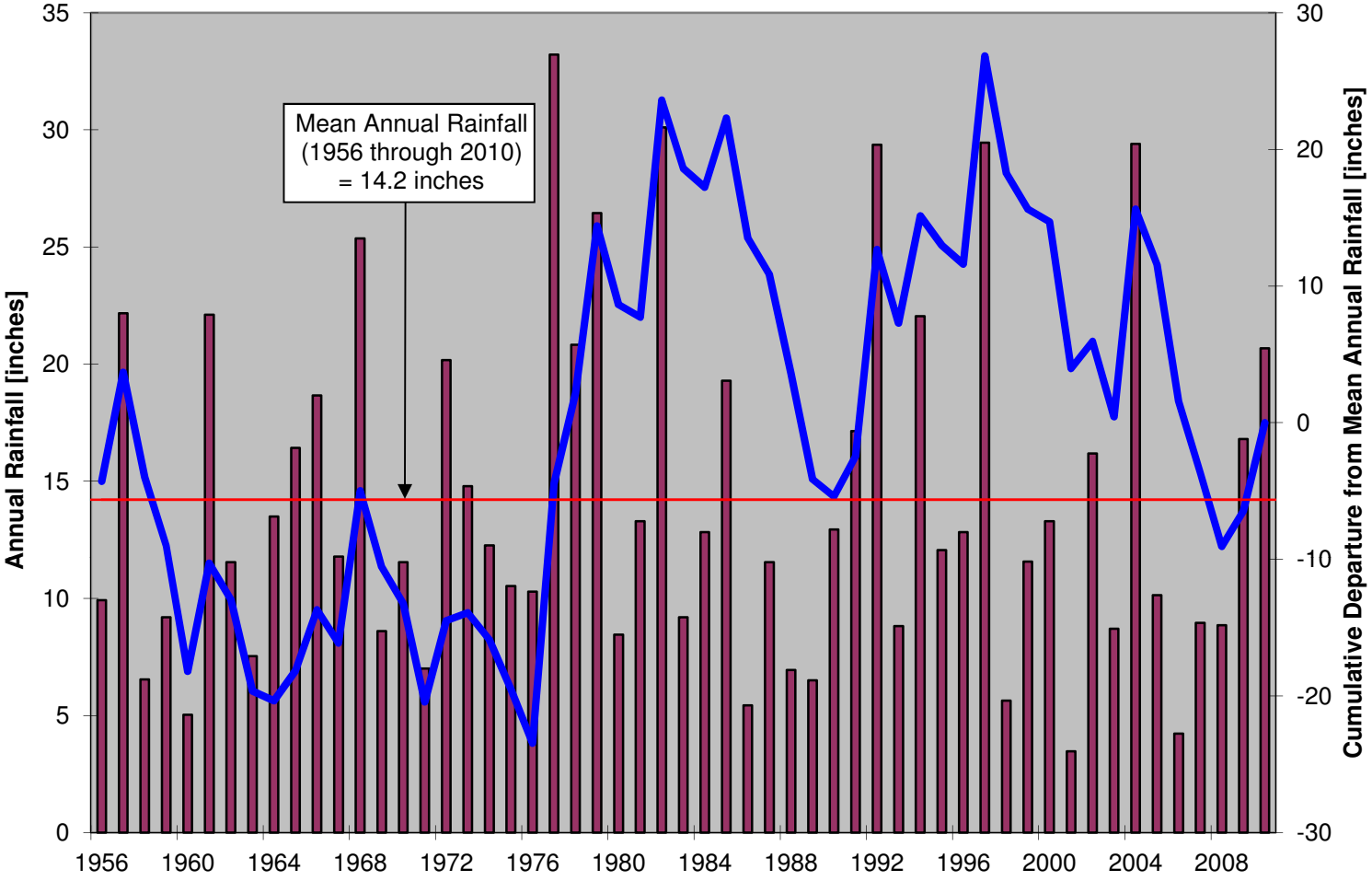
Omega Chemical



Notes:
1) Elevations are in feet above mean sea level (amsl).
2) If the well was dry, an unfilled symbol is used at the elevation of the bottom of the well screen.

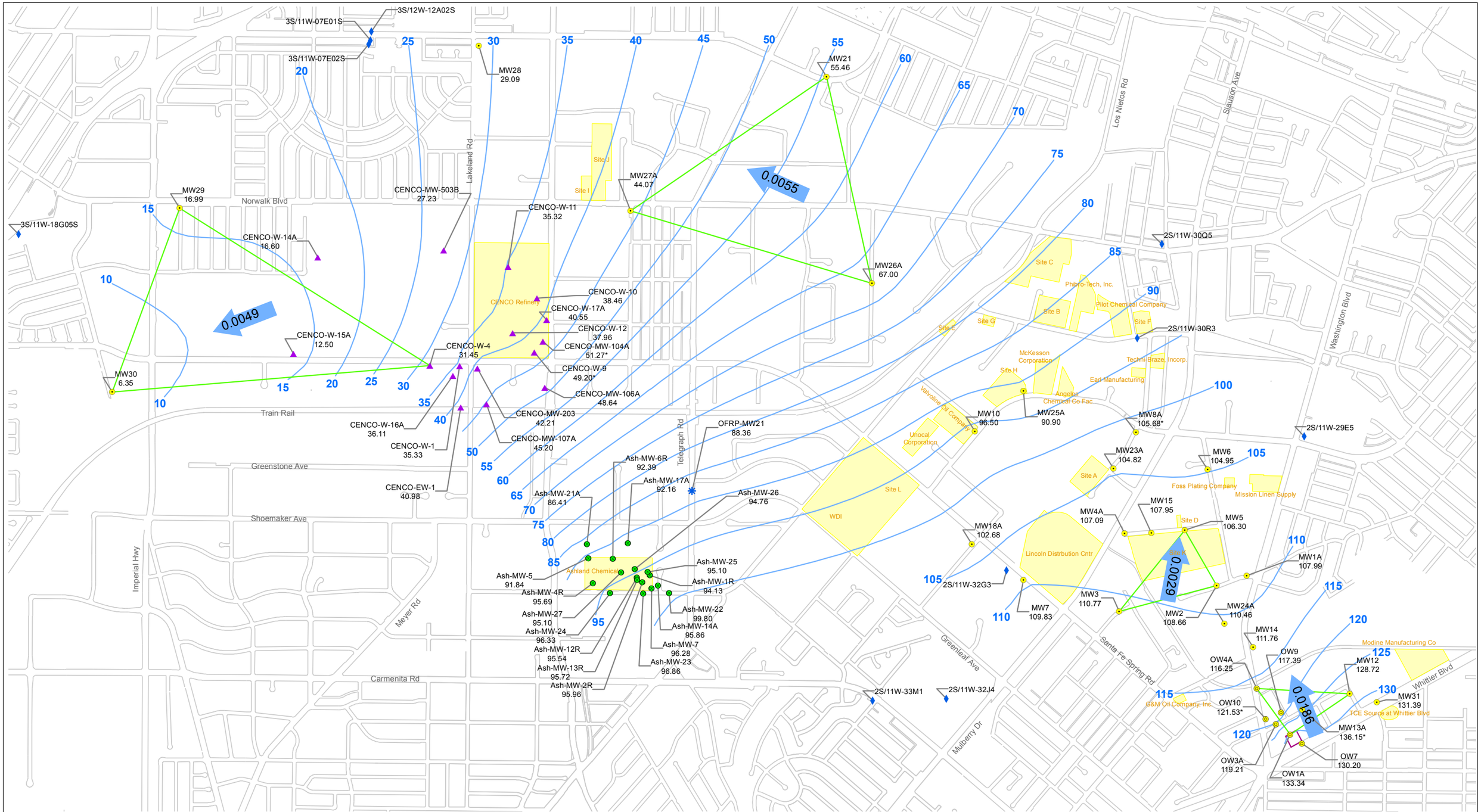
Figure 3-1d
Well Hydrographs
Omega Chemical

Figure 3-2
City of Whittier Annual Rainfall Totals
Omega Chemical Superfund Site



Note: Annual rainfall data from rain gage 106F - City of Whittier Storage Yard.

Rainfall Cumulative Departure



Legend

- EPA Monitoring Well
- Omega Potentially Responsible Parties Organized Group (OPOG) Monitoring Well
- Ashland Chemical Well
- CENCO Well
- Oil Field Reclamation Project (OFRP) Well
- Production Well
- 0.0029 Estimated Groundwater Flow Direction and Gradient
- Water Table Contours (feet amsl), First Quarter 2010
- Approximate Boundary of Facilities
- Former Omega Facility

Note:
1) Posted values are measured water levels in feet above mean sea level (amsl).
2) * - Water level measurement not used to generate water table contours.

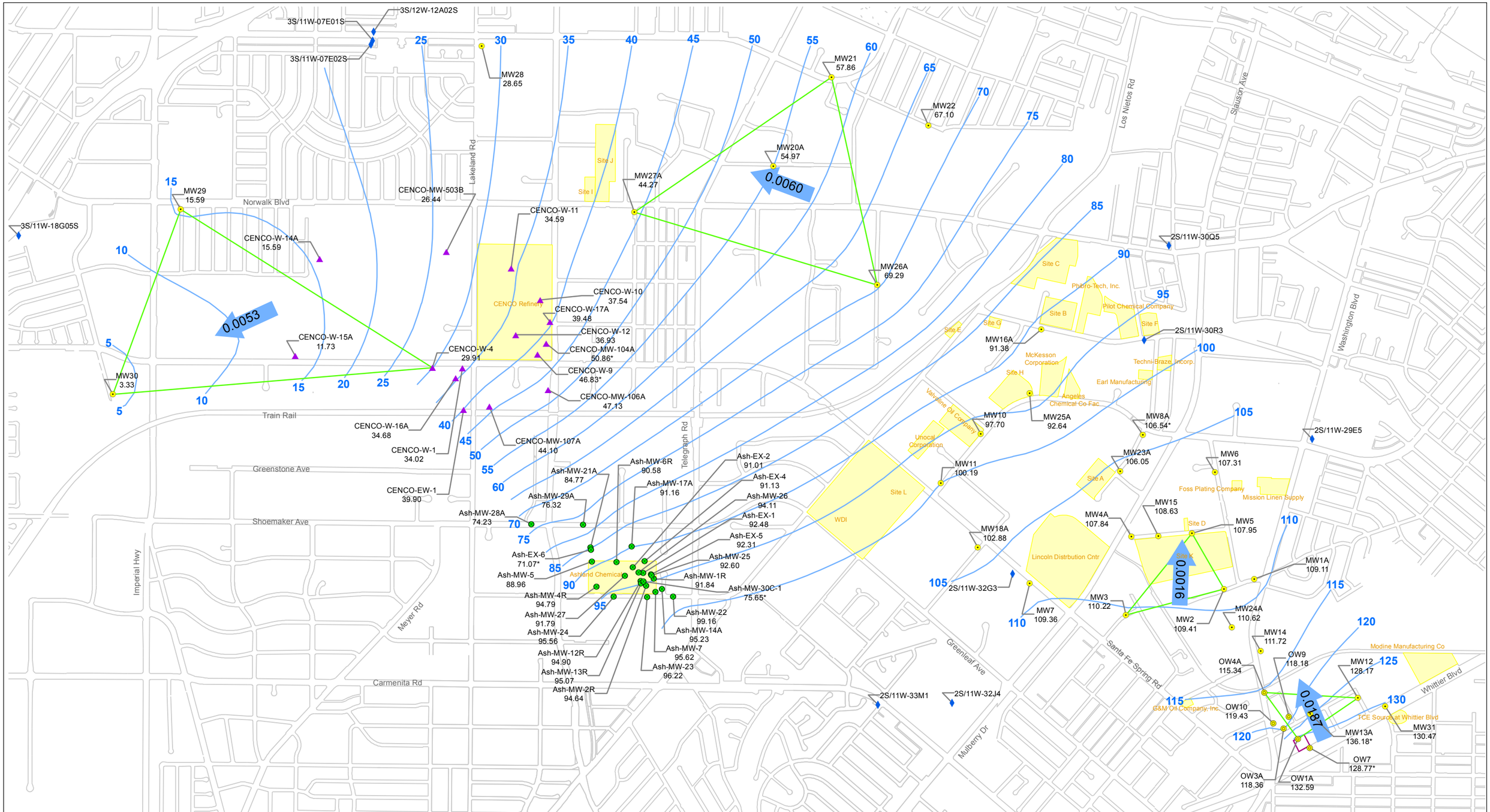
N

0 750 1,500
Feet

Figure 3-3
Water Table Contours
First Quarter 2010
Omega Chemical Superfund Site

CH2MHILL

Path: \\cheron\proj\EPA\386743OmegaOU2\GIS\2010-2011 Annual Report\Omega_2010-2011_Report\ArcMap Documents\Water Level Contours\Figure_3-3_1Q_2010_Water_Table_Contours_final.mxd



Legend

- EPA Monitoring Well
- Omega Potentially Responsible Parties Organized Group (OPOG) Monitoring Well
- Ashland Chemical Well
- CENCO Well
- Oil Field Reclamation Project (OFRP) Well
- Production Well
- 0.0016 Estimated Groundwater Flow Direction and Gradient
- Water Table Contours (feet amsl), Third Quarter 2010
- Approximate Boundary of Facilities
- Former Omega Facility

Note:
1) Posted values are measured water levels in feet above mean sea level (amsl).
2) * - Water level measurement not used to generate water table contours.

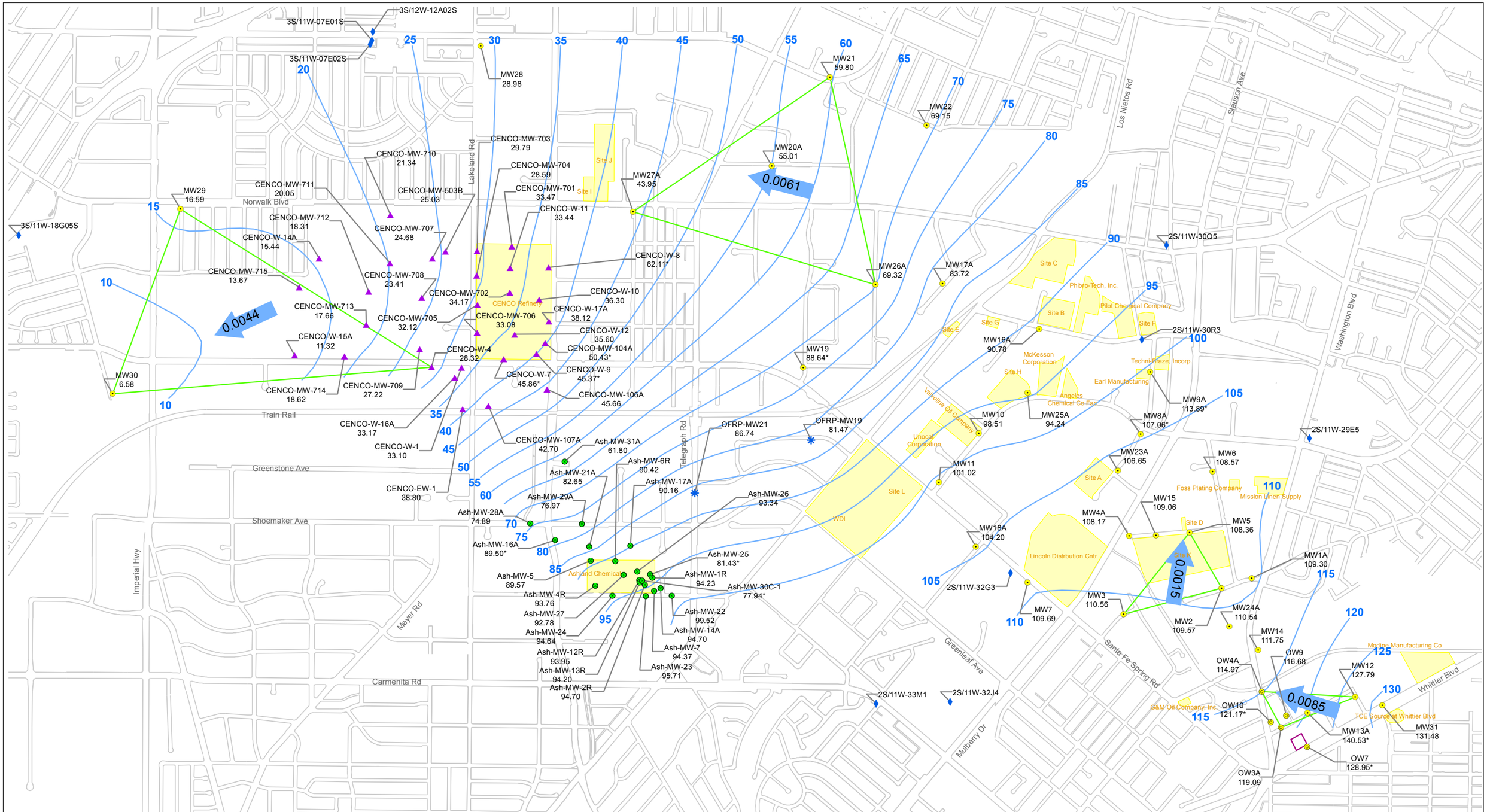
N

0 750 1,500
Feet

Figure 3-4
Water Table Contours
Third Quarter 2010
Omega Chemical Superfund Site

CH2MHILL

Path: \\cheron\proj\EPA\386743OmegaOU2\GIS\2010-2011 Annual Report\Omega_2010-2011_Report\ArcMap Documents\Water Level Contours\Figure_3-4_3Q_2010_Water_Table_Contours_final.mxd



Legend

- EPA Monitoring Well
- Omega Potentially Responsible Parties Organized Group (OPOG) Monitoring Well
- Ashland Chemical Well
- CENCO Well
- Oil Field Reclamation Project (OFRP) Well
- Production Well
- 0.0015 — Estimated Groundwater Flow Direction and Gradient
- Water Table Contours (feet amsl), First Quarter 2011
- Approximate Boundary of Facilities
- Former Omega Facility

Note:
1) Posted values are measured water levels in feet above mean sea level (amsl).
2) * - Water level measurement not used to generate water table contours.

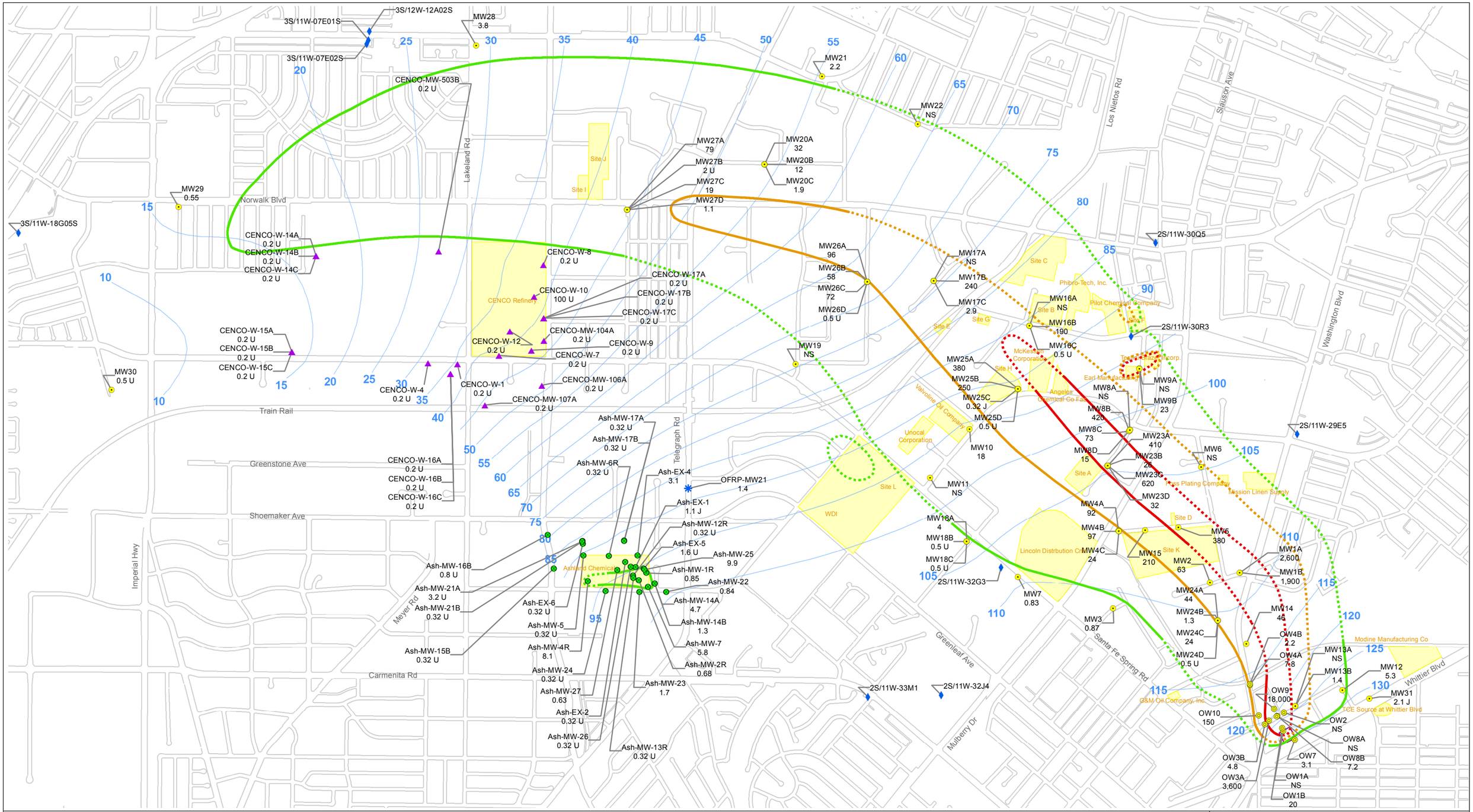
N

0 750 1,500
Feet

Figure 3-5
Water Table Contours
First Quarter 2011
Omega Chemical Superfund Site

CH2MHILL

Path: \\cheron\proj\EPA\386743OmegaOU2\GIS\2010-2011 Annual Report\Omega_2010-2011_Report\ArcMap Documents\Water Level Contours\Figure_3-5_1Q_2011_Water_Table_Contours_final.mxd



Legend

- EPA Monitoring Well
- Omega Potentially Responsible Parties Organized Group (OPOG) Monitoring Well
- Ashland Chemical Well
- CENCO Well
- Oil Field Reclamation Project (OFRP) Well
- Waste Disposal, Inc. Well
- Production Well
- Water Table Contours (feet amsl), First Quarter 2010
- Approximate Boundary of Facilities
- Former Omega Facility

Estimated Composite PCE Plume Extent

- 500 µg/L (Dashed where approximated)
- 100 µg/L (Dashed where approximated)
- 5 µg/L (Dashed where approximated)

Notes:

1) Posted values are measured concentrations in micrograms per liter (µg/L).
   - 1a) J - Estimated value.
   - 1b) E - Estimated value as the concentration exceeding upper level of instrument calibration range.
   - 1c) U - Non-Detect as the concentration less than the posted value.
   - 1d) UJ - Estimated Non-Detect at the posted value.
   - 1e) NS - Not Sampled.
2) amsl - above mean sea level.

N

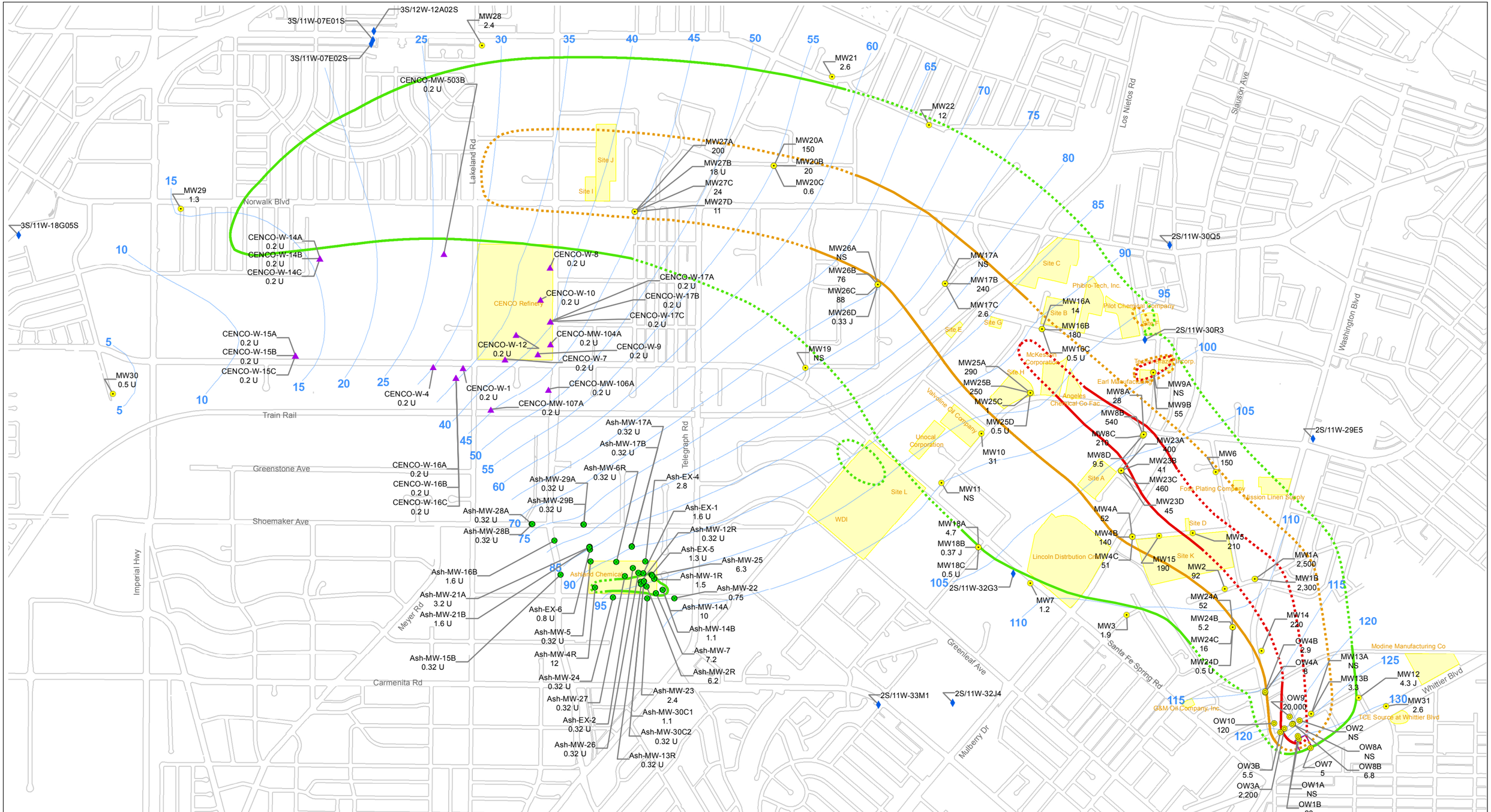
0 750 1,500

Feet

Figure 3-6a
Composite PCE Distribution
First Quarter 2010
Omega Chemical Superfund Site

CH2MHILL

Path: \\cheron\proj\EPA\386743OmegaOU2\GIS\2010-2011 Annual Report\Omega_2010-2011_Report\ArcMap Documents\Chemistry Contours\Figure_3-6a_1Q_2010_PCE_Contours_final.mxd



Legend

- EPA Monitoring Well
- Omega Potentially Responsible Parties Organized Group (OPOG) Monitoring Well
- Ashland Chemical Well
- CENCO Well
- Oil Field Reclamation Project (OFRP) Well
- Waste Disposal, Inc. Well
- Production Well
- Water Table Contours (feet amsl), Third Quarter 2010
- Approximate Boundary of Facilities
- Former Omega Facility

Estimated Composite PCE Plume Extent

- 500 µg/L (Dashed where approximated)
- 100 µg/L (Dashed where approximated)
- 5 µg/L (Dashed where approximated)

Notes:

1) Posted values are measured concentrations in micrograms per liter (µg/L).
   - 1a) J - Estimated value.
   - 1b) E - Estimated value as the concentration exceeding upper level of instrument calibration range.
   - 1c) U - Non-Detect as the concentration less than the posted value.
   - 1d) UJ - Estimated Non-Detect at the posted value.
   - 1e) NS - Not Sampled.
2) amsl - above mean sea level.

N

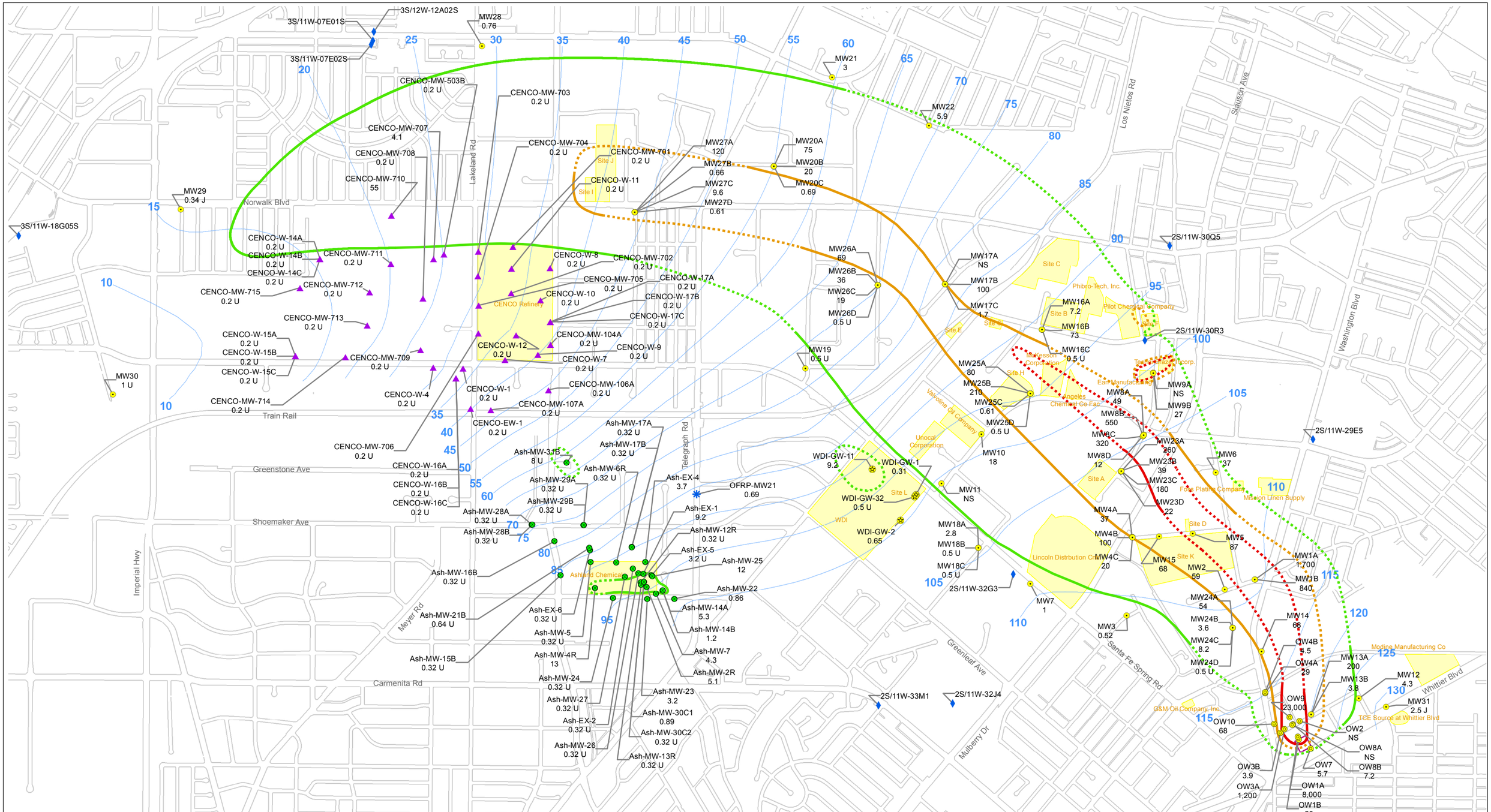
0 750 1,500

Feet

Figure 3-6b
Composite PCE Distribution
Third Quarter 2010
Omega Chemical Superfund Site

CH2MHILL

Path: \\cheron\proj\EPA\386743OmegaOU2\GIS\2010-2011 Annual Report\Omega_2010-2011_Report\ArcMap Documents\Chemistry Contours\Figure_3-6b_3Q_2010_PCE_Contours_final.mxd



Legend

- EPA Monitoring Well
- Omega Potentially Responsible Parties Organized Group (OPOG) Monitoring Well
- Ashland Chemical Well
- CENCO Well
- Oil Field Reclamation Project (OFRP) Well
- Waste Disposal, Inc. Well
- Production Well
- Water Table Contours (feet amsl), First Quarter 2011
- Approximate Boundary of Facilities
- Former Omega Facility

Estimated Composite PCE Plume Extent

- 500 µg/L (Dashed where approximated)
- 100 µg/L (Dashed where approximated)
- 5 µg/L (Dashed where approximated)

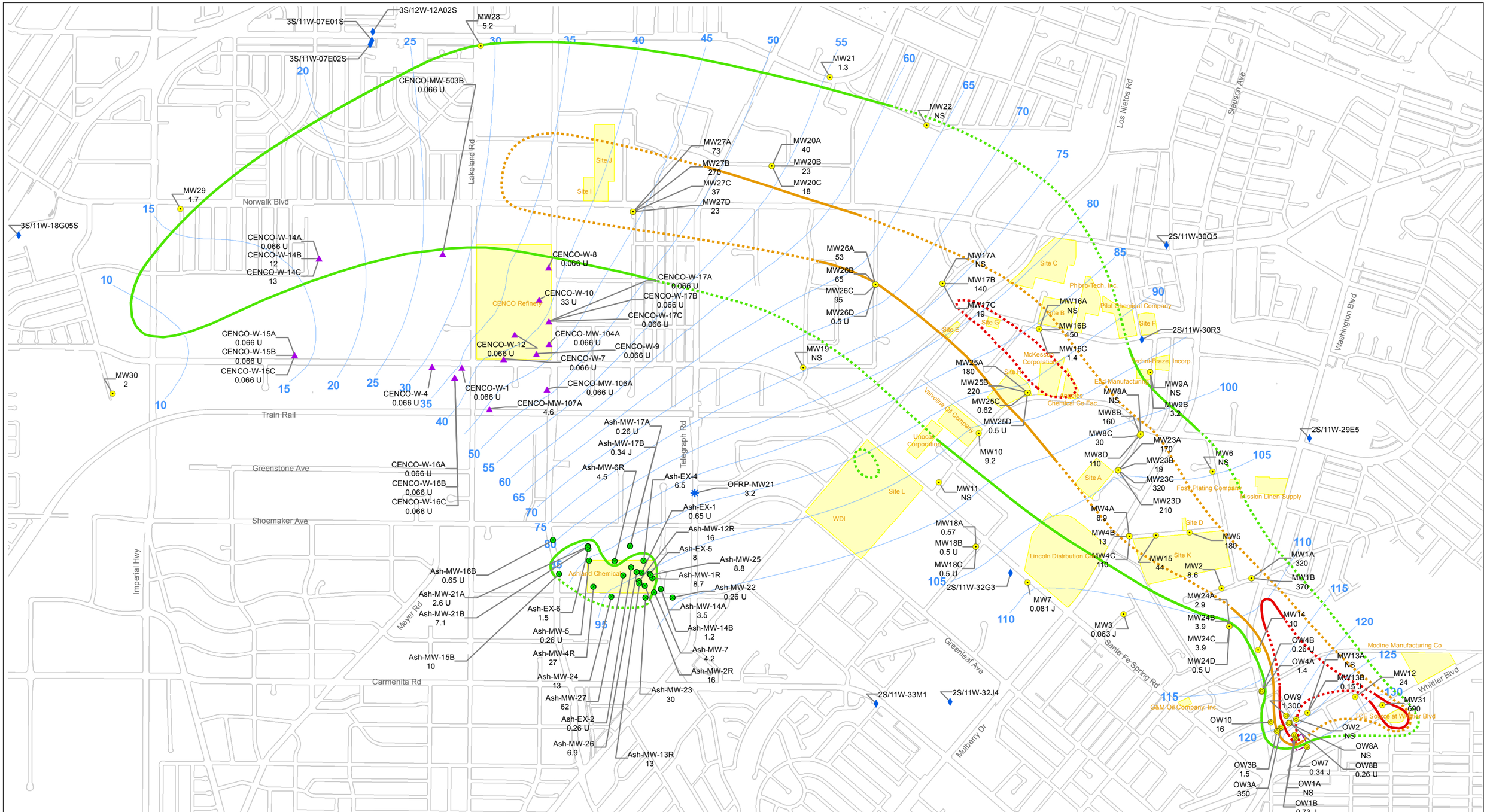
Notes:

1) Posted values are measured concentrations in micrograms per liter (µg/L).
   - 1a) J - Estimated value.
   - 1b) E - Estimated value as the concentration exceeding upper level of instrument calibration range.
   - 1c) U - Non-Detect as the concentration less than the posted value.
   - 1d) UJ - Estimated Non-Detect at the posted value.
   - 1e) NS - Not Sampled.
2) amsl - above mean sea level.

Figure 3-6c
Composite PCE Distribution
First Quarter 2011
Omega Chemical Superfund Site

CH2MHILL

Path: Z:\EPA\386743OmegaOU2\GIS\2010-2011 Annual Report\Omega_2010-2011_Report\ArcMap Documents\Chemistry Contours\Figure_3-6c_1Q_2011_PCE_Contours_final.mxd



Legend

- EPA Monitoring Well
- Omega Potentially Responsible Parties Organized Group (OPOG) Monitoring Well
- Ashland Chemical Well
- CENCO Well
- Oil Field Reclamation Project (OFRP) Well
- Waste Disposal, Inc. Well
- Production Well
- Water Table Contours (feet amsl), First Quarter 2010
- Approximate Boundary of Facilities
- Former Omega Facility

Estimated Composite TCE Plume Extent

- 500 µg/L (Dashed where approximated)
- 100 µg/L (Dashed where approximated)
- 5 µg/L (Dashed where approximated)

Notes:
1) Posted values are measured concentrations in micrograms per liter (µg/L).
1a) J - Estimated value.
1b) E - Estimated value as the concentration exceeding upper level of instrument calibration range.
1c) U - Non-Detect as the concentration less than the posted value.
1d) UJ - Estimated Non-Detect at the posted value.
1e) NS - Not Sampled.
2) amsl - above mean sea level.

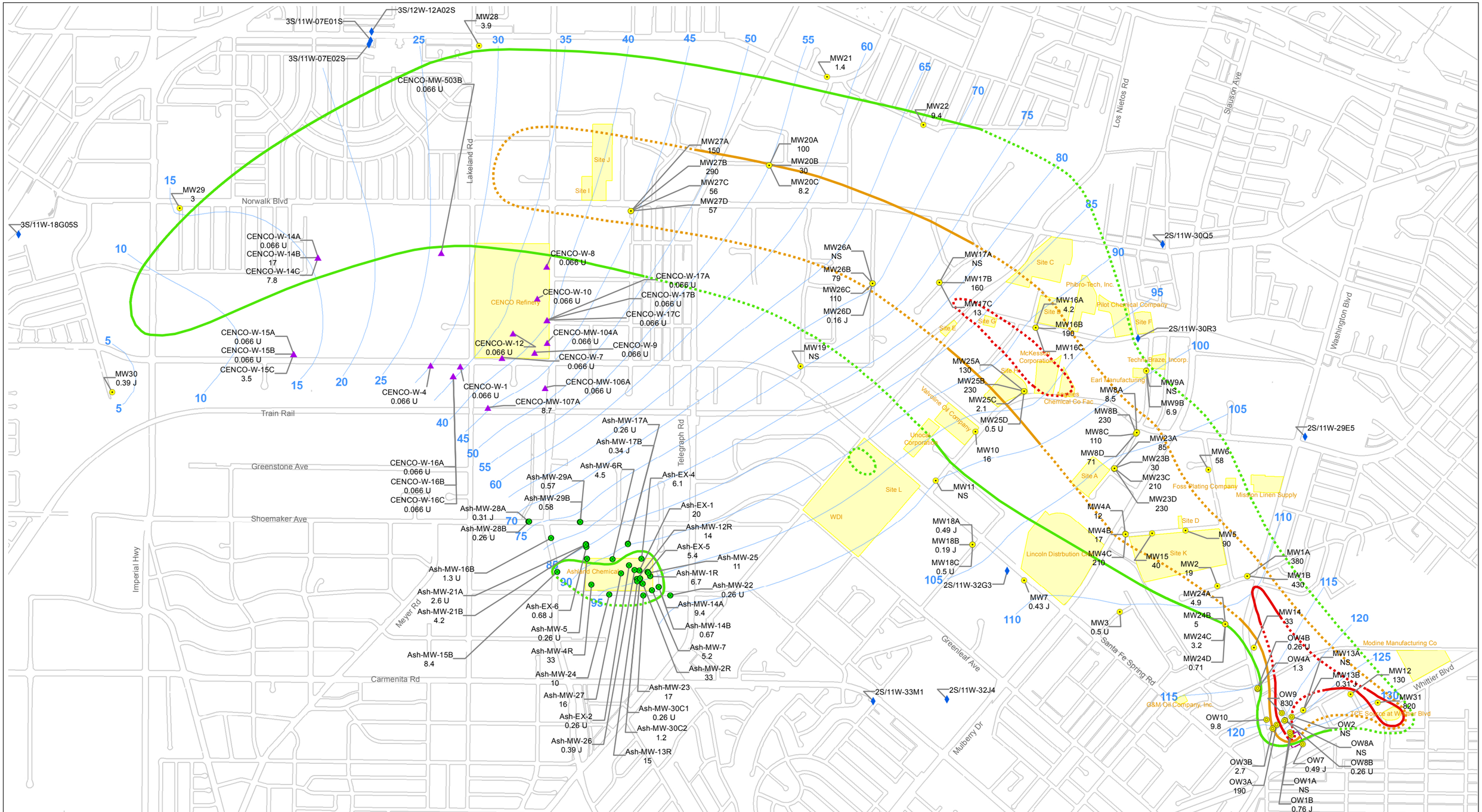
N

0 750 1,500
Feet

Figure 3-7a
Composite TCE Distribution
First Quarter 2010
Omega Chemical Superfund Site

CH2MHILL

Path: \\cheron\proj\EPA\386743OmegaOU2\GIS\2010-2011 Annual Report\Omega_2010-2011_Report\ArcMap Documents\Chemistry Contours\Figure_3-7a_1Q_2010_TCE_Contours_final.mxd



Legend

- EPA Monitoring Well
- Omega Potentially Responsible Parties Organized Group (OPOG) Monitoring Well
- Ashland Chemical Well
- CENCO Well
- Oil Field Reclamation Project (OFRP) Well
- Waste Disposal, Inc. Well
- Production Well
- Water Table Contours (feet amsl), Third Quarter 2010
- Approximate Boundary of Facilities
- Former Omega Facility

Estimated Composite TCE Plume Extent

- 500 µg/L (Dashed where approximated)
- 100 µg/L (Dashed where approximated)
- 5 µg/L (Dashed where approximated)

Notes:

1) Posted values are measured concentrations in micrograms per liter (µg/L).
   - 1a) J - Estimated value.
   - 1b) E - Estimated value as the concentration exceeding upper level of instrument calibration range.
   - 1c) U - Non-Detect as the concentration less than the posted value.
   - 1d) UJ - Estimated Non-Detect at the posted value.
   - 1e) NS - Not Sampled.
2) amsl - above mean sea level.

N

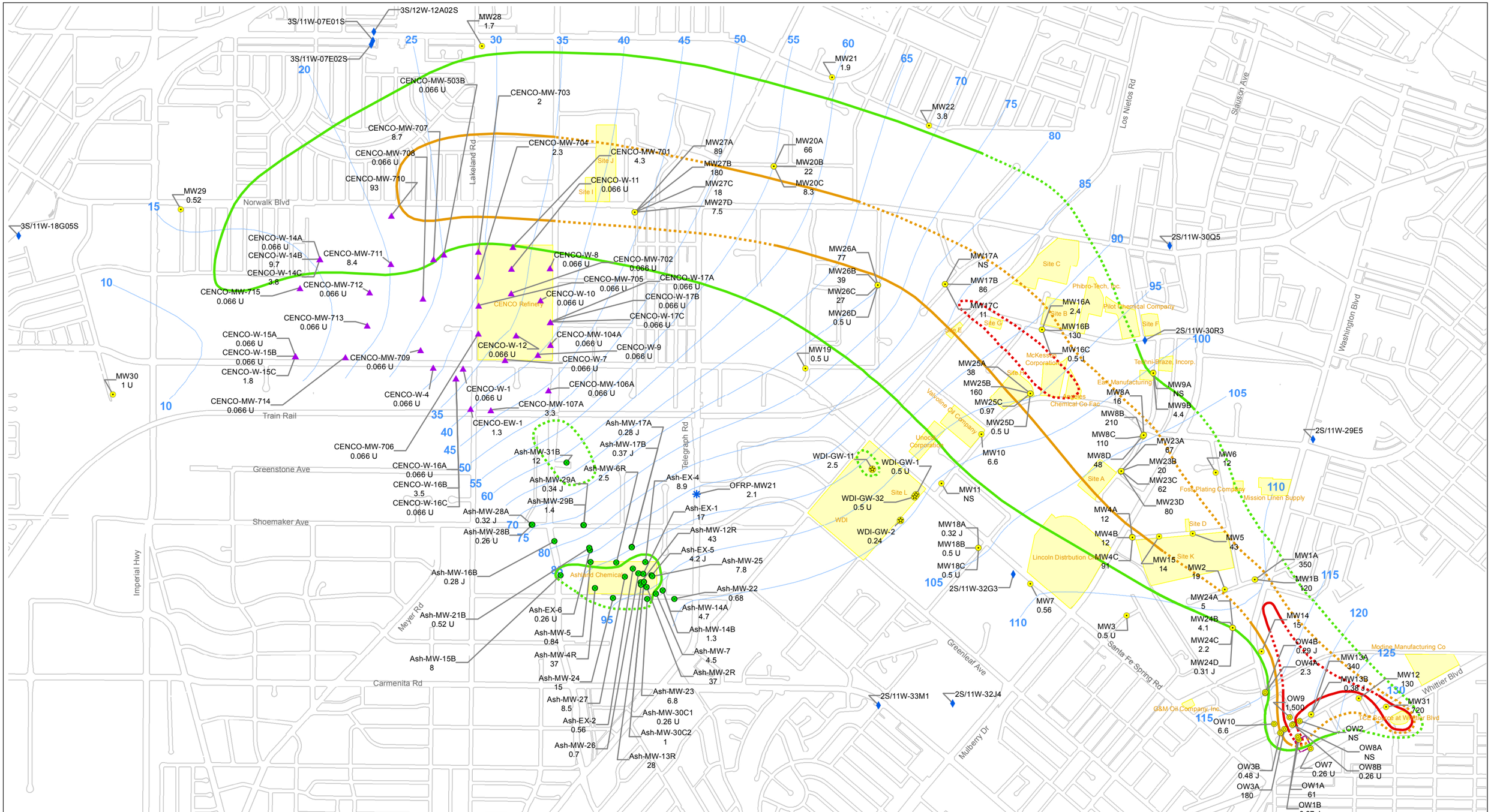
0 750 1,500

Feet

Figure 3-7b
Composite TCE Distribution
Third Quarter 2010
Omega Chemical Superfund Site

CH2MHILL

Path: \\cheron\proj\EPA\386743OmegaOU2\GIS\2010-2011 Annual Report\Omega_2010-2011_Report\ArcMap Documents\Chemistry Contours\Figure_3-7b_3Q_2010_TCE_Contours_final.mxd



Legend

- EPA Monitoring Well
- Omega Potentially Responsible Parties Organized Group (OPOG) Monitoring Well
- Ashland Chemical Well
- CENCO Well
- Oil Field Reclamation Project (OFRP) Well
- Waste Disposal, Inc. Well
- Production Well
- Water Table Contours (feet amsl), First Quarter 2011
- Approximate Boundary of Facilities
- Former Omega Facility

Estimated Composite TCE Plume Extent

- 500 µg/L (Dashed where approximated)
- 100 µg/L (Dashed where approximated)
- 5 µg/L (Dashed where approximated)

Notes:
1) Posted values are measured concentrations in micrograms per liter (µg/L).
1a) J - Estimated value.
1b) E - Estimated value as the concentration exceeding upper level of instrument calibration range.
1c) U - Non-Detect as the concentration less than the posted value.
1d) UJ - Estimated Non-Detect at the posted value.
1e) NS - Not Sampled.
2) amsl - above mean sea level.

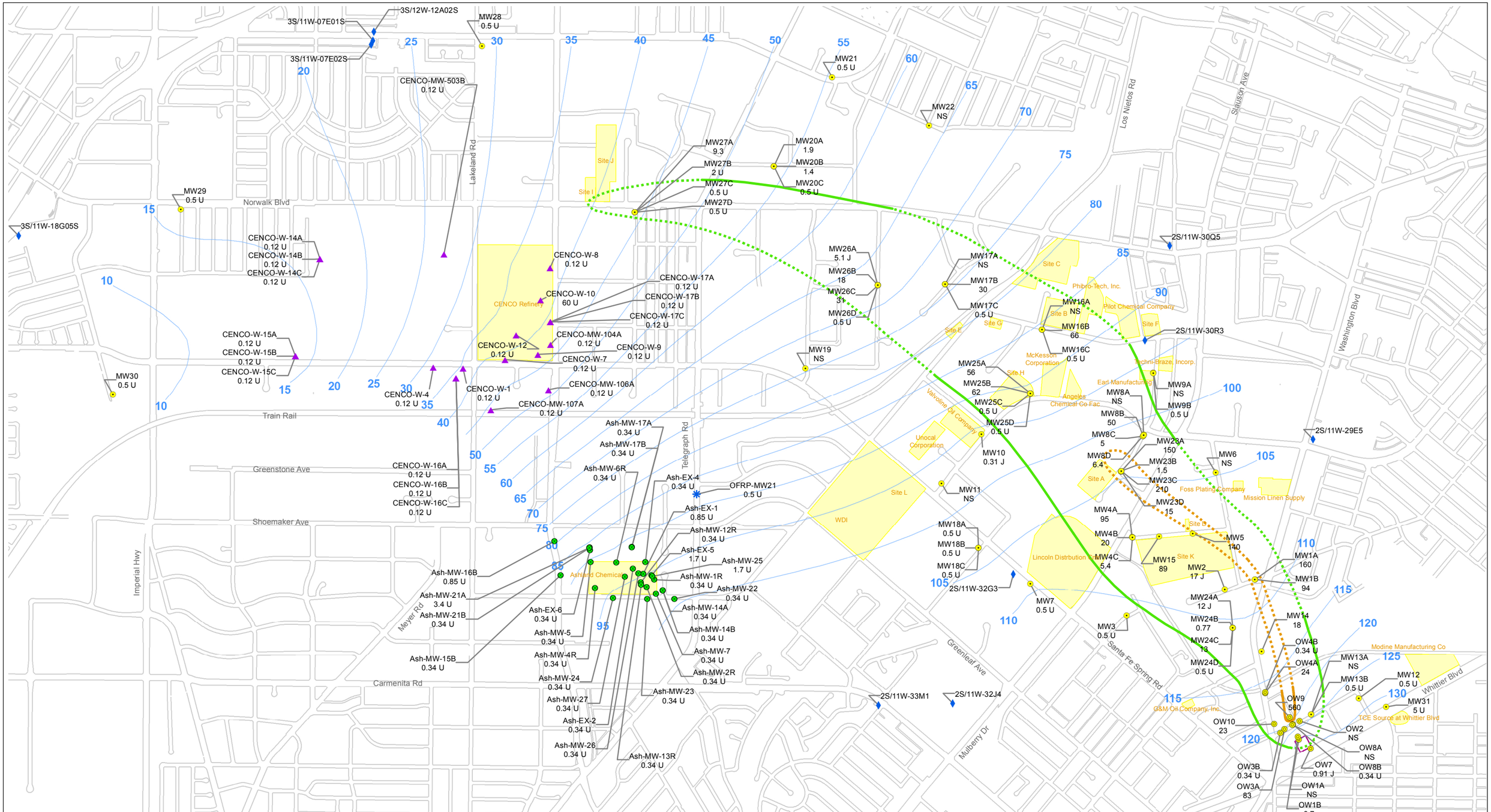
N

0 750 1,500
Feet

Figure 3-7c
Composite TCE Distribution
First Quarter 2011
Omega Chemical Superfund Site

CH2MHILL

Path: \\cheron\proj\EPA\386743OmegaOU2\GIS\2010-2011 Annual Report\Omega_2010-2011_Report\ArcMap Documents\Chemistry Contours\Figure_3-7c_1Q_2011_TCE_Contours_final.mxd



Legend

- EPA Monitoring Well
- Omega Potentially Responsible Parties Organized Group (OPOG) Monitoring Well
- Ashland Chemical Well
- CENCO Well
- Oil Field Reclamation Project (OFRP) Well
- Waste Disposal, Inc. Well
- Production Well
- Water Table Contours (feet amsl), First Quarter 2010
- Approximate Boundary of Facilities
- Former Omega Facility

Estimated Composite Freon 11 Plume Extent

- 150 µg/L (Dashed where approximated)
- 5 µg/L (Dashed where approximated)

Notes:
1) Posted values are measured concentrations in micrograms per liter (µg/L).
1a) J - Estimated value.
1b) E - Estimated value as the concentration exceeding upper level of instrument calibration range.
1c) U - Non-Detect as the concentration less than the posted value.
1d) UJ - Estimated Non-Detect at the posted value.
1e) NS - Not Sampled.
2) amsl - above mean sea level.

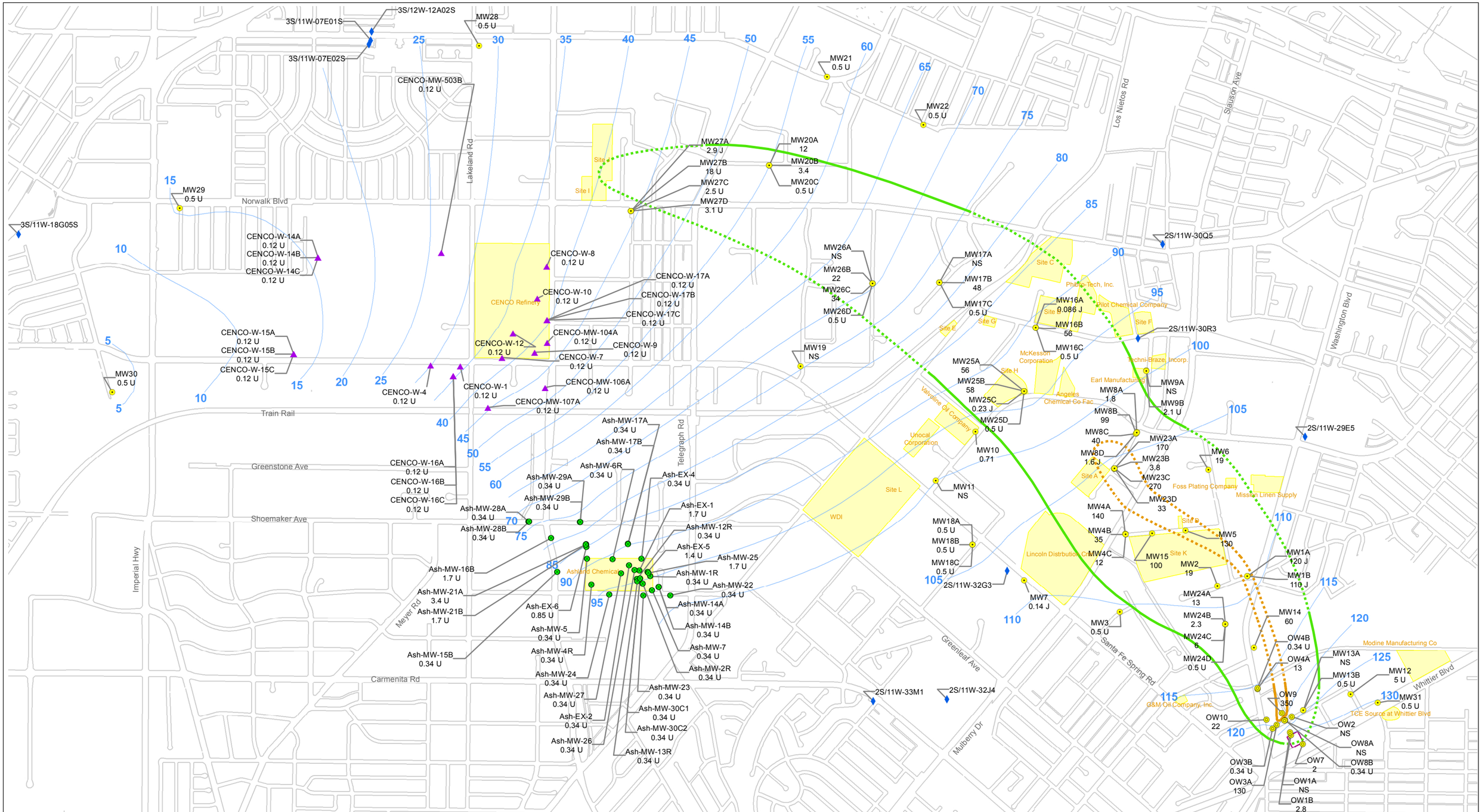
N

0 750 1,500
Feet

Figure 3-8a
Composite Freon 11 Distribution
First Quarter 2010
Omega Chemical Superfund Site

CH2MHILL

Path: \\cheron\proj\EPA\386743OmegaOU2\GIS\2010-2011 Annual Report\Omega_2010-2011_Report\ArcMap Documents\Chemistry Contours\Figure_3-8a_1Q_2010_Freon_11_Contours_final.mxd



Legend

- EPA Monitoring Well
- Omega Potentially Responsible Parties Organized Group (OPOG) Monitoring Well
- Ashland Chemical Well
- CENCO Well
- Oil Field Reclamation Project (OFRP) Well
- Waste Disposal, Inc. Well
- Production Well
- Water Table Contours (feet amsl), Third Quarter 2010
- Approximate Boundary of Facilities
- Former Omega Facility

Estimated Composite Freon 11 Plume Extent

- 150 µg/L (Dashed where approximated)
- 5 µg/L (Dashed where approximated)

Notes:

1) Posted values are measured concentrations in micrograms per liter (µg/L).
   - 1a) J - Estimated value.
   - 1b) E - Estimated value as the concentration exceeding upper level of instrument calibration range.
   - 1c) U - Non-Detect as the concentration less than the posted value.
   - 1d) UJ - Estimated Non-Detect at the posted value.
   - 1e) NS - Not Sampled.
2) amsl - above mean sea level.

N

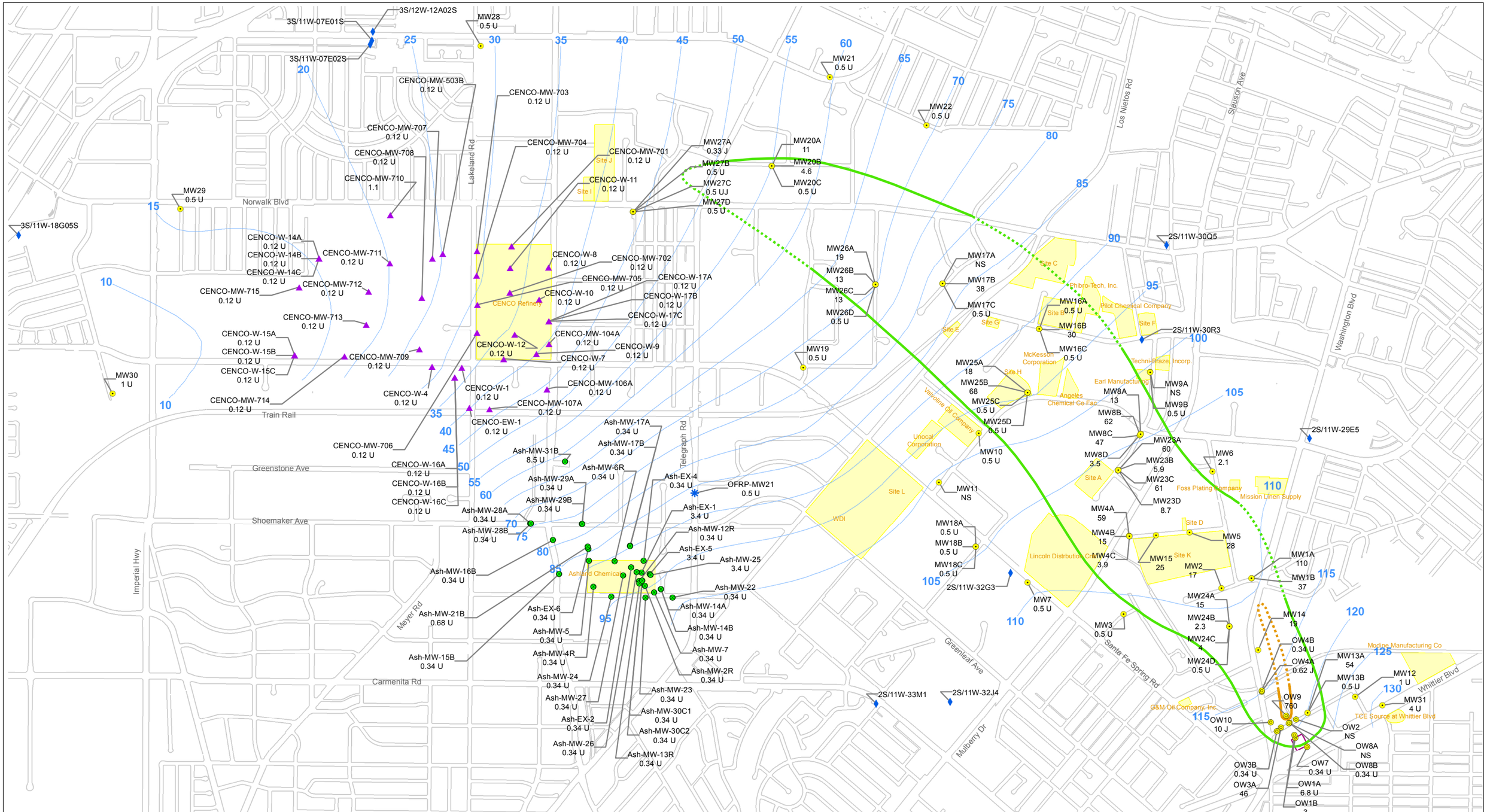
0 750 1,500

Feet

Figure 3-8b
Composite Freon 11 Distribution
Third Quarter 2010
Omega Chemical Superfund Site

CH2MHILL

Path: \\cheron\proj\EPA\386743OmegaOU2\GIS\2010-2011 Annual Report\Omega_2010-2011_Report\ArcMap Documents\Chemistry Contours\Figure_3-8b_3Q_2010_Freon_11_Contours_final.mxd



Legend

- EPA Monitoring Well
- Omega Potentially Responsible Parties Organized Group (OPOG) Monitoring Well
- Ashland Chemical Well
- CENCO Well
- Oil Field Reclamation Project (OFRP) Well
- Waste Disposal, Inc. Well
- Production Well
- Water Table Contours (feet amsl), First Quarter 2011
- Approximate Boundary of Facilities
- Former Omega Facility

Estimated Composite Freon 11 Plume Extent

- 150 µg/L (Dashed where approximated)
- 5 µg/L (Dashed where approximated)

Notes:

1) Posted values are measured concentrations in micrograms per liter (µg/L).
   - 1a) J - Estimated value.
   - 1b) E - Estimated value as the concentration exceeding upper level of instrument calibration range.
   - 1c) U - Non-Detect as the concentration less than the posted value.
   - 1d) UJ - Estimated Non-Detect at the posted value.
   - 1e) NS - Not Sampled.
2) amsl - above mean sea level.

N

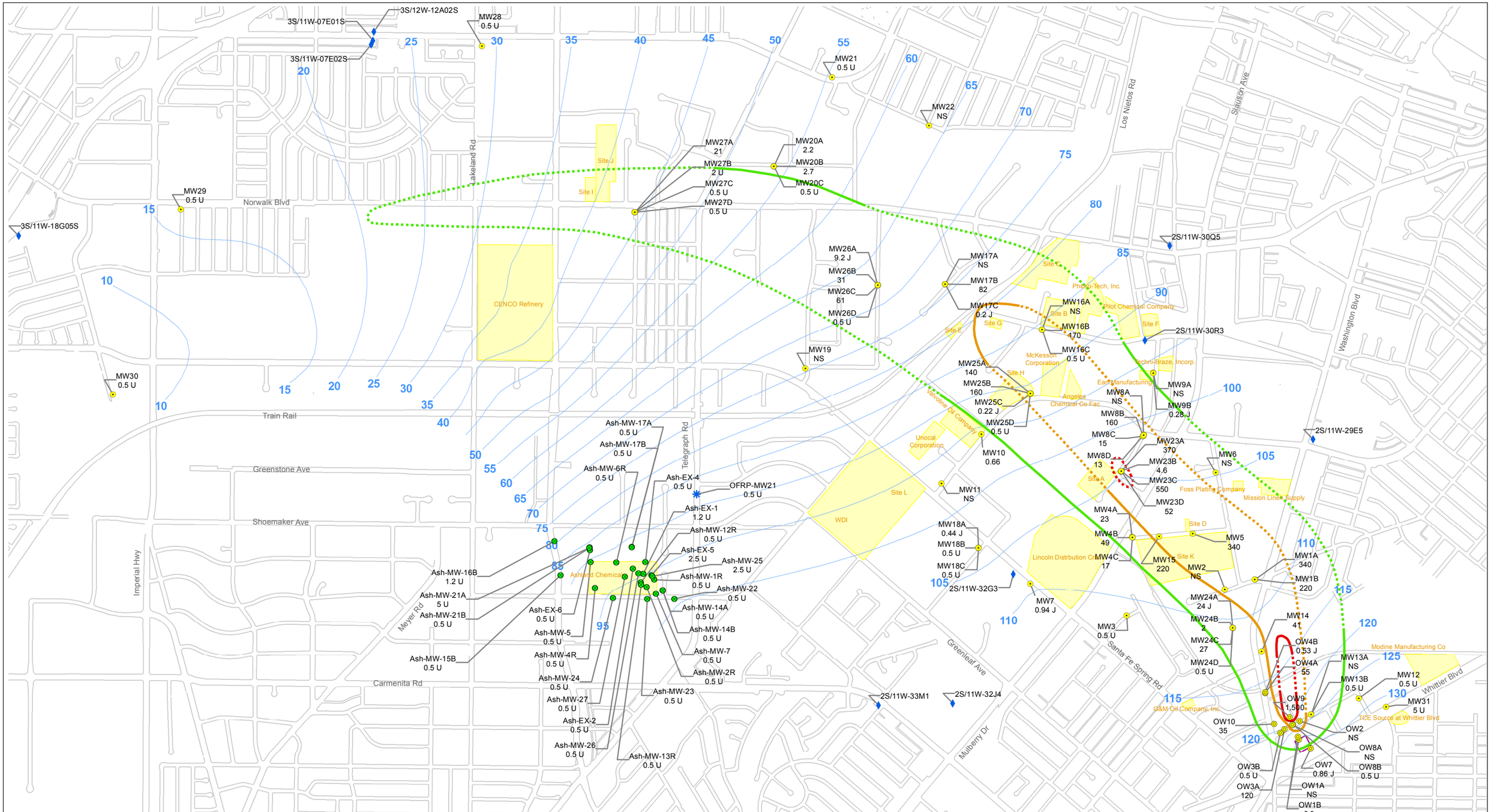
0 750 1,500

Feet

Figure 3-8c
Composite Freon 11 Distribution
First Quarter 2011
Omega Chemical Superfund Site

CH2MHILL

Path: \\cheron\proj\EPA\386743OmegaOU2\GIS\2010-2011 Annual Report\Omega_2010-2011_Report\ArcMap Documents\Chemistry Contours\Figure_3-8c_1Q_2011_Freon_11_Contours_final.mxd



Legend

- EPA Monitoring Well
- Omega Potentially Responsible Parties Organized Group (OPOG) Monitoring Well
- Ashland Chemical Well
- CENCO Well
- Oil Field Reclamation Project (OFRP) Well
- Waste Disposal, Inc. Well
- Production Well
- Water Table Contours (feet amsl), First Quarter 2010
- Approximate Boundary of Facilities
- Former Omega Facility

Estimated Composite Freon 113 Plume Extent

- 500 µg/L (Dashed where approximated)
- 100 µg/L (Dashed where approximated)
- 5 µg/L (Dashed where approximated)

Notes:

1) Posted values are measured concentrations in micrograms per liter (µg/L).
   - 1a) J - Estimated value.
   - 1b) E - Estimated value as the concentration exceeding upper level of instrument calibration range.
   - 1c) U - Non-Detect as the concentration less than the posted value.
   - 1d) UJ - Estimated Non-Detect at the posted value.
   - 1e) NS - Not Sampled.
2) amsl - above mean sea level.

N

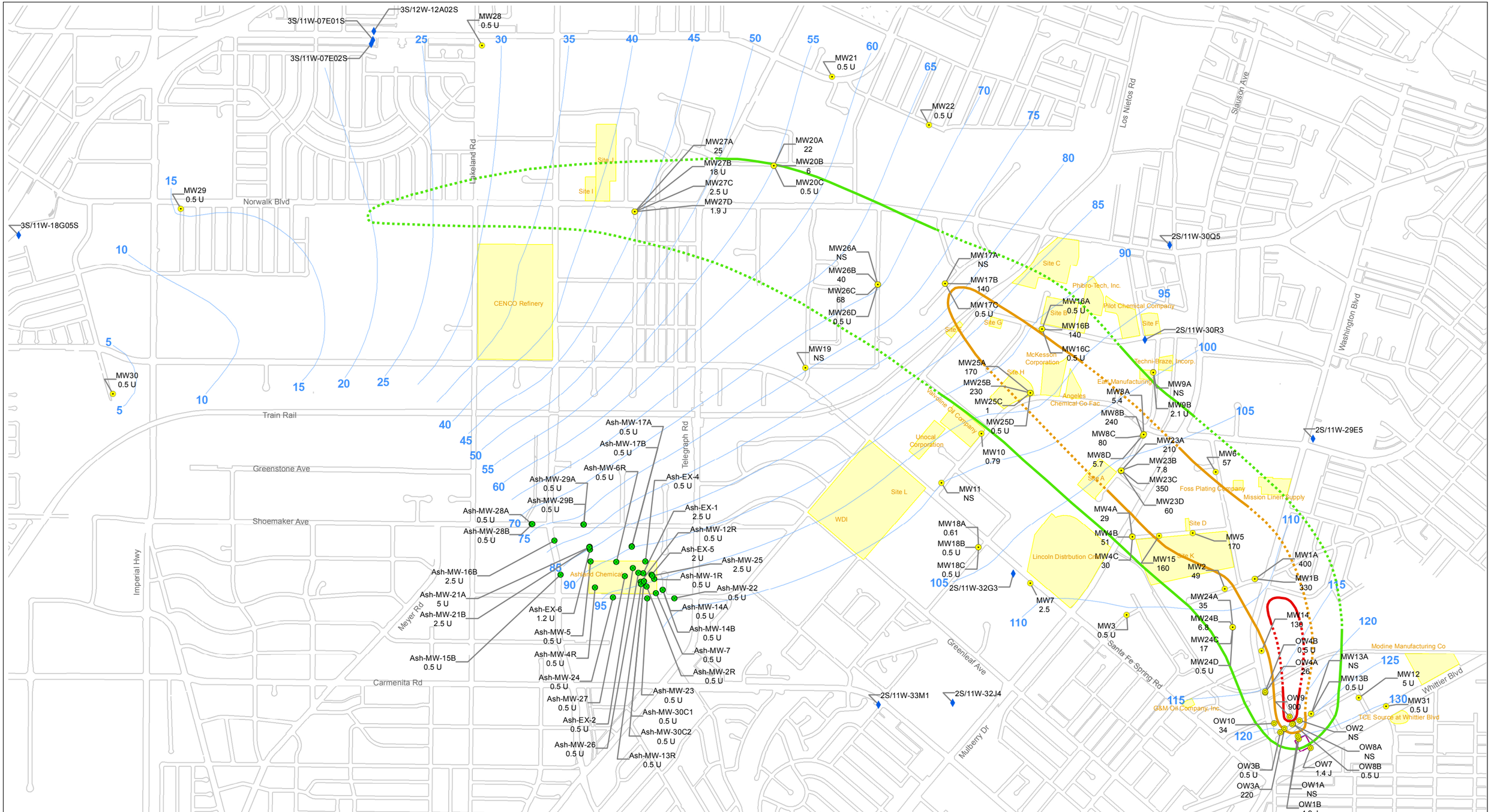
0 750 1,500

Feet

Figure 3-9a
Composite Freon 113 Distribution
First Quarter 2010
Omega Chemical Superfund Site

CH2MHILL

Path: \\cheron\proj\EPA\386743OmegaOU2\GIS\2010-2011 Annual Report\Omega_2010-2011_Report\ArcMap Documents\Chemistry Contours\Figure_3-9a_1Q_2010_Freon_113_Contours_final.mxd



Legend

- EPA Monitoring Well
- Omega Potentially Responsible Parties Organized Group (OPOG) Monitoring Well
- Ashland Chemical Well
- CENCO Well
- Oil Field Reclamation Project (OFRP) Well
- Waste Disposal, Inc. Well
- Production Well
- Water Table Contours (feet amsl), Third Quarter 2010
- Approximate Boundary of Facilities
- Former Omega Facility

Estimated Composite Freon 113 Plume Extent

- 500 µg/L (Dashed where approximated)
- 100 µg/L (Dashed where approximated)
- 5 µg/L (Dashed where approximated)

Notes:
1) Posted values are measured concentrations in micrograms per liter (µg/L).
1a) J - Estimated value.
1b) E - Estimated value as the concentration exceeding upper level of instrument calibration range.
1c) U - Non-Detect as the concentration less than the posted value.
1d) UJ - Estimated Non-Detect at the posted value.
1e) NS - Not Sampled.
2) amsl - above mean sea level.

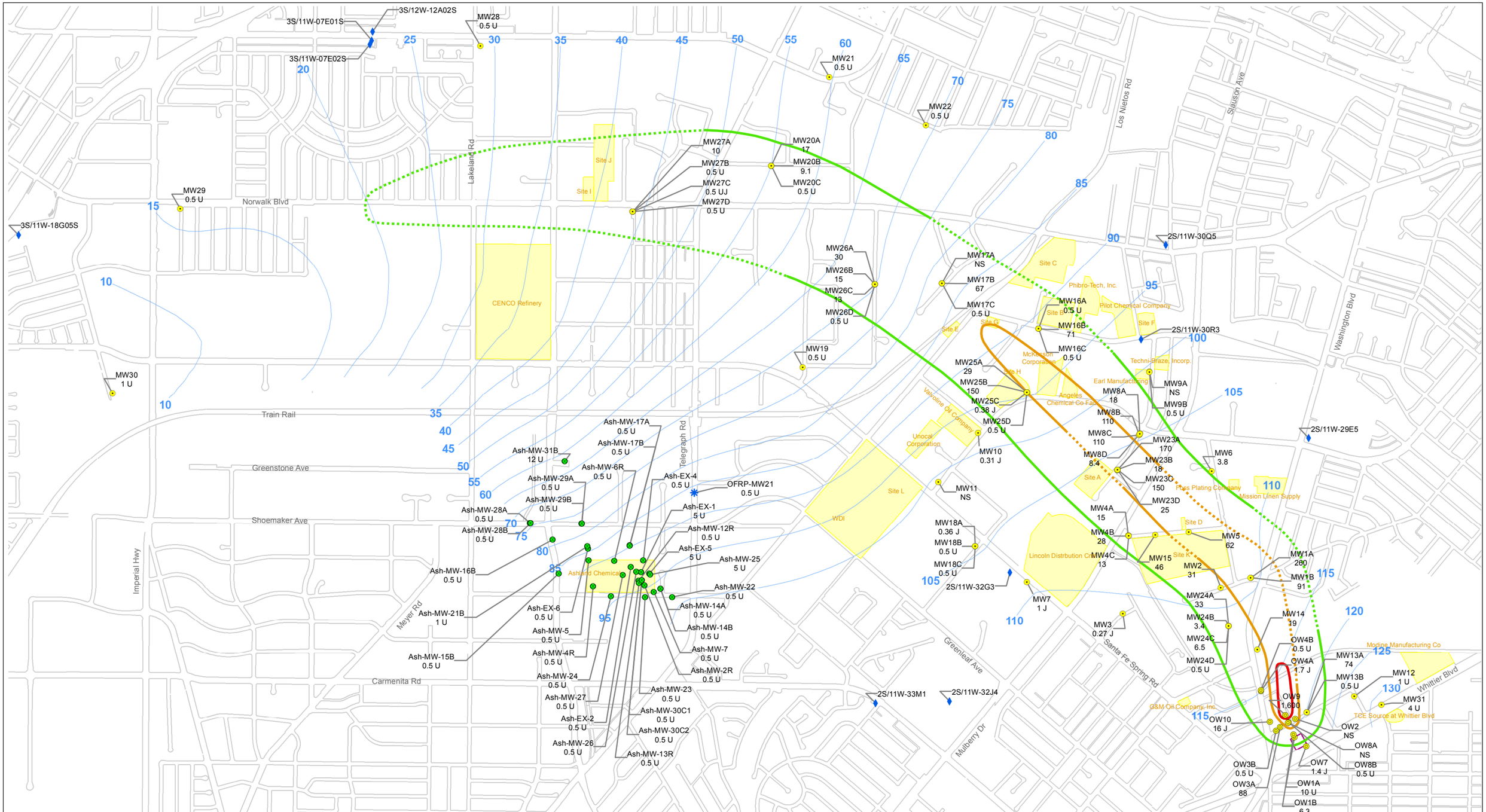
N

0 750 1,500
Feet

Figure 3-9b
Composite Freon 113 Distribution
Third Quarter 2010
Omega Chemical Superfund Site

CH2MHILL

Path: \\cheron\proj\EPA\386743OmegaOU2\GIS\2010-2011 Annual Report\Omega_2010-2011_Report\ArcMap Documents\Chemistry Contours\Figure_3-9b_3Q_2010_Freon_113_Contours_final.mxd



Legend

- EPA Monitoring Well
- Omega Potentially Responsible Parties Organized Group (OPOG) Monitoring Well
- Ashland Chemical Well
- CENCO Well
- Oil Field Reclamation Project (OFRP) Well
- Waste Disposal, Inc. Well
- Production Well
- Water Table Contours (feet amsl), First Quarter 2011
- Approximate Boundary of Facilities
- Former Omega Facility

Estimated Composite Freon 113 Plume Extent

- 500 µg/L (Dashed where approximated)
- 100 µg/L (Dashed where approximated)
- 5 µg/L (Dashed where approximated)

Notes:

1) Posted values are measured concentrations in micrograms per liter (µg/L).
   - 1a) J - Estimated value.
   - 1b) E - Estimated value as the concentration exceeding upper level of instrument calibration range.
   - 1c) U - Non-Detect as the concentration less than the posted value.
   - 1d) UJ - Estimated Non-Detect at the posted value.
   - 1e) NS - Not Sampled.
2) amsl - above mean sea level.

N

0 750 1,500

Feet

Figure 3-9c
Composite Freon 113 Distribution
First Quarter 2011
Omega Chemical Superfund Site

CH2MHILL

Path: \\cheron\proj\EPA\386743OmegaOU2\GIS\2010-2011 Annual Report\Omega_2010-2011_Report\ArcMap Documents\Chemistry Contours\Figure_3-9c_1Q_2011_Freon_113_Contours_final.mxd

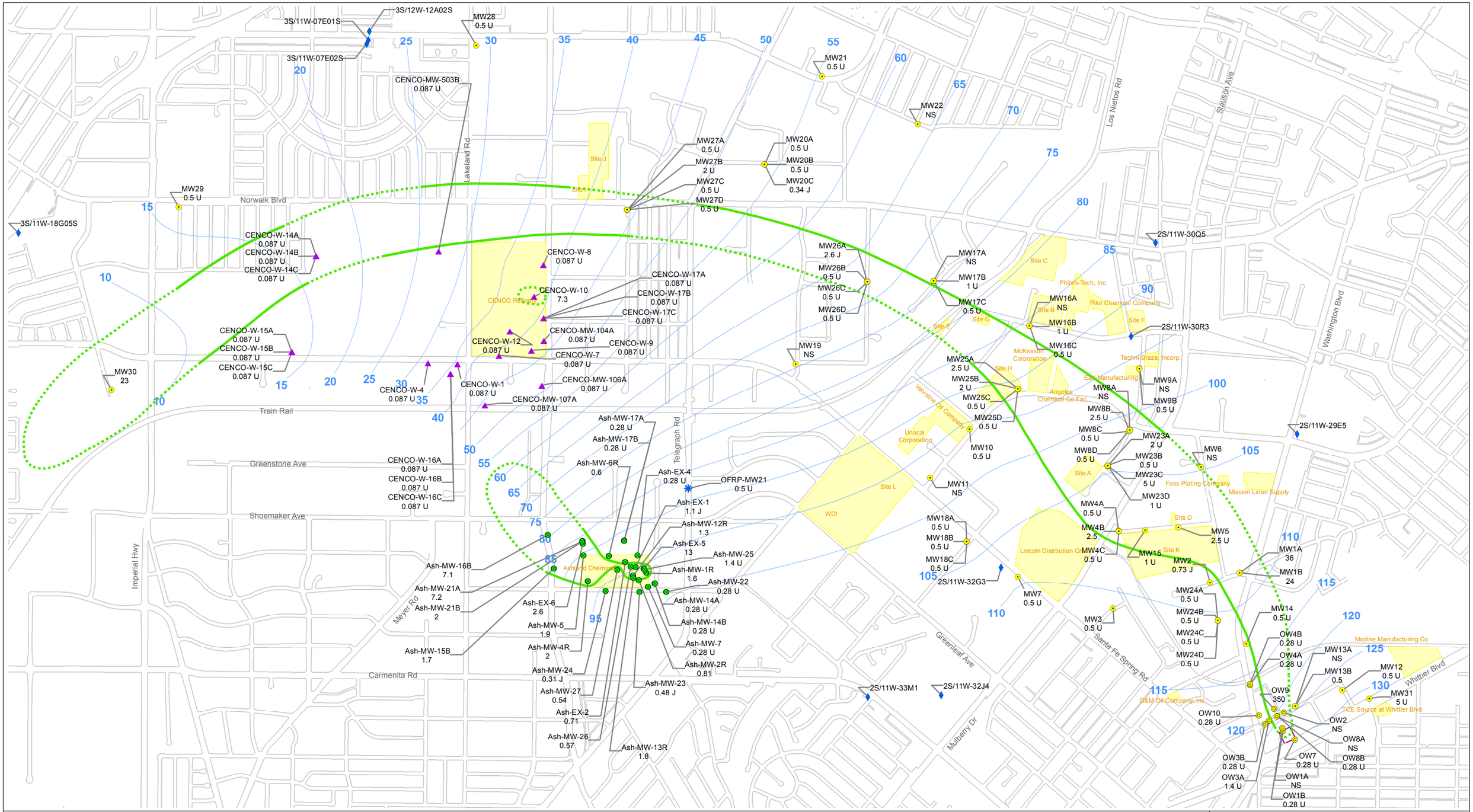
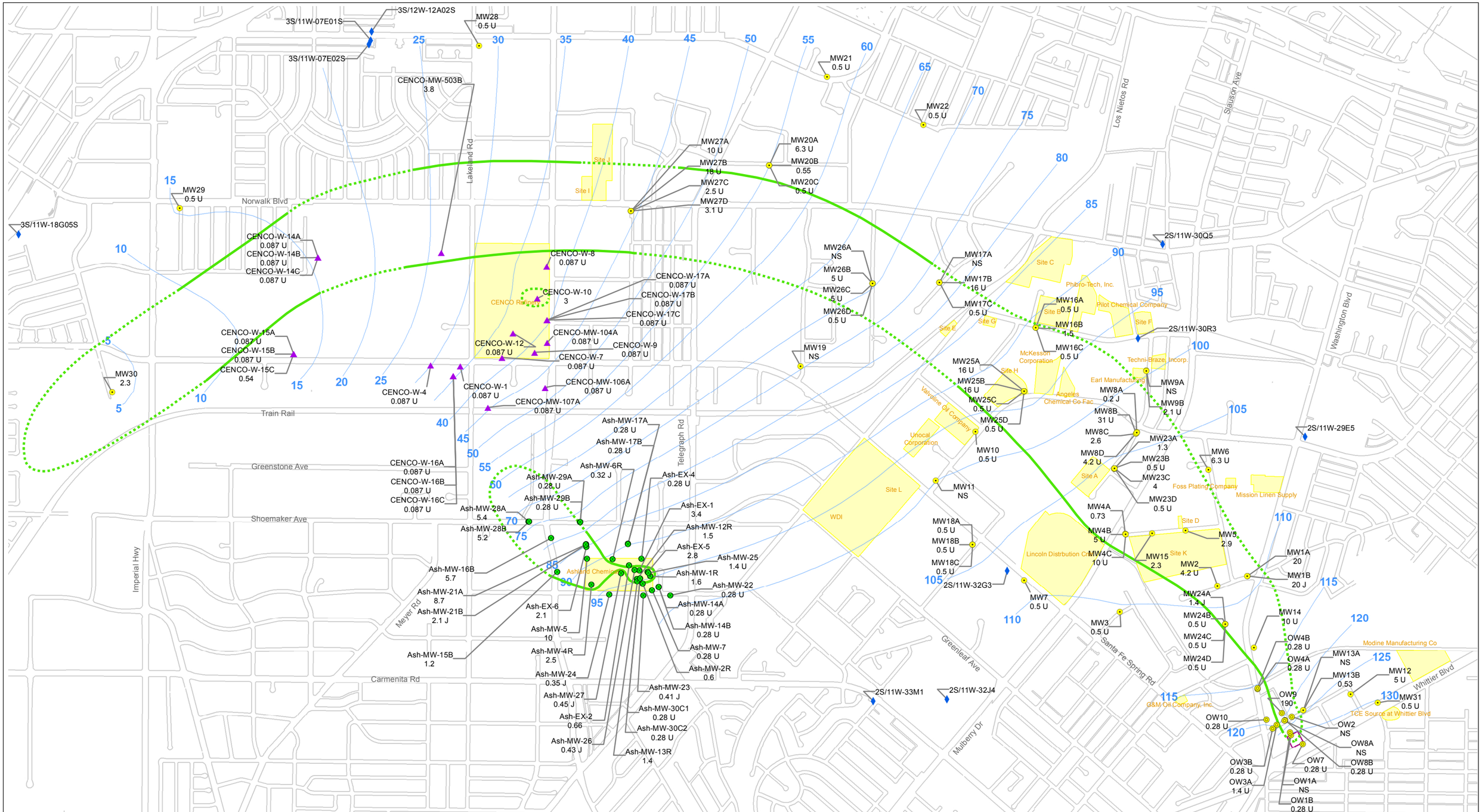


Figure 3-10a
Composite 1,2-DCA Distribution
First Quarter 2010
Omega Chemical Superfund Site

Path: \\cheron\proj\EPA\386743OmegaOU2\GIS\2010-2011 Annual Report\Omega_2010-2011_Report\ArcMap Documents\Chemistry Contours\Figure_3-10a_1Q_2010_1,2-DCA_Contours_final.mxd



Legend

- EPA Monitoring Well
- Omega Potentially Responsible Parties Organized Group (OPOG) Monitoring Well
- Ashland Chemical Well
- CENCO Well
- Oil Field Reclamation Project (OFRP) Well
- Waste Disposal, Inc. Well
- Production Well
- Water Table Contours (feet amsl), Third Quarter 2010
- Approximate Boundary of Facilities
- Former Omega Facility

Estimated Composite 1,2-DCA Plume Extent

1 µg/L (Dashed where approximated)

Notes:

1) Posted values are measured concentrations in micrograms per liter (µg/L).
   - 1a) J - Estimated value.
   - 1b) E - Estimated value as the concentration exceeding upper level of instrument calibration range.
   - 1c) U - Non-Detect as the concentration less than the posted value.
   - 1d) UJ - Estimated Non-Detect at the posted value.
   - 1e) NS - Not Sampled.
2) amsl - above mean sea level.

N

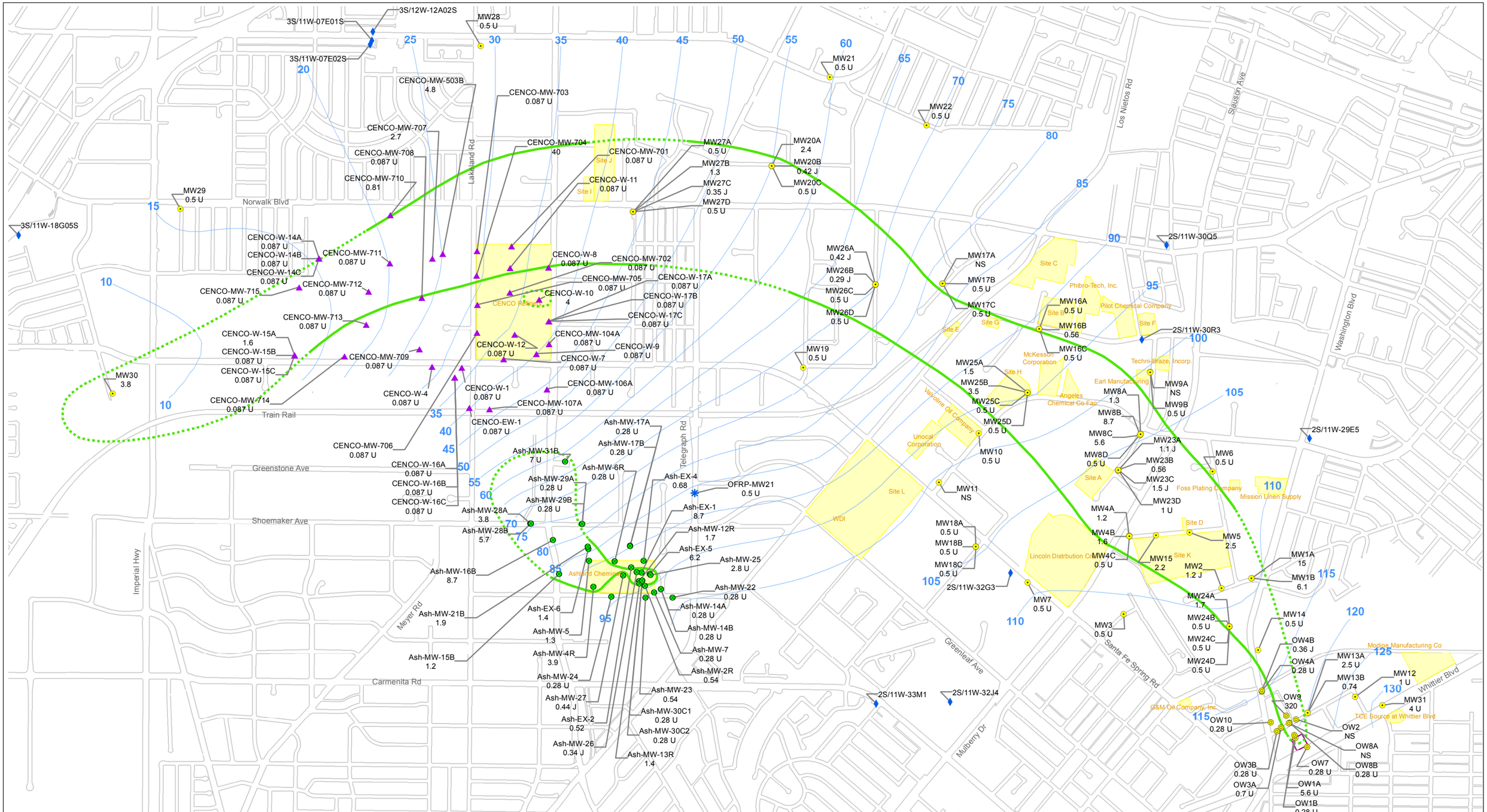
0 750 1,500

Feet

Figure 3-10b
Composite 1,2-DCA Distribution
Third Quarter 2010
Omega Chemical Superfund Site

CH2MHILL

Path: \\cheron\proj\EPA\386743OmegaOU2\GIS\2010-2011 Annual Report\Omega_2010-2011_Report\ArcMap Documents\Chemistry Contours\Figure_3-10b_3Q_2010_1,2-DCA_Contours_final.mxd



Legend

- EPA Monitoring Well
- Omega Potentially Responsible Parties Organized Group (OPOG) Monitoring Well
- Ashland Chemical Well
- CENCO Well
- Oil Field Reclamation Project (OFRP) Well
- Waste Disposal, Inc. Well
- Production Well
- Water Table Contours (feet amsl), First Quarter 2011
- Approximate Boundary of Facilities
- Former Omega Facility

Estimated Composite 1,2-DCA Plume Extent

1 µg/L (Dashed where approximated)

Notes:

1) Posted values are measured concentrations in micrograms per liter (µg/L).
   - 1a) J - Estimated value.
   - 1b) E - Estimated value as the concentration exceeding upper level of instrument calibration range.
   - 1c) U - Non-Detect as the concentration less than the posted value.
   - 1d) UJ - Estimated Non-Detect at the posted value.
   - 1e) NS - Not Sampled.
2) amsl - above mean sea level.

N

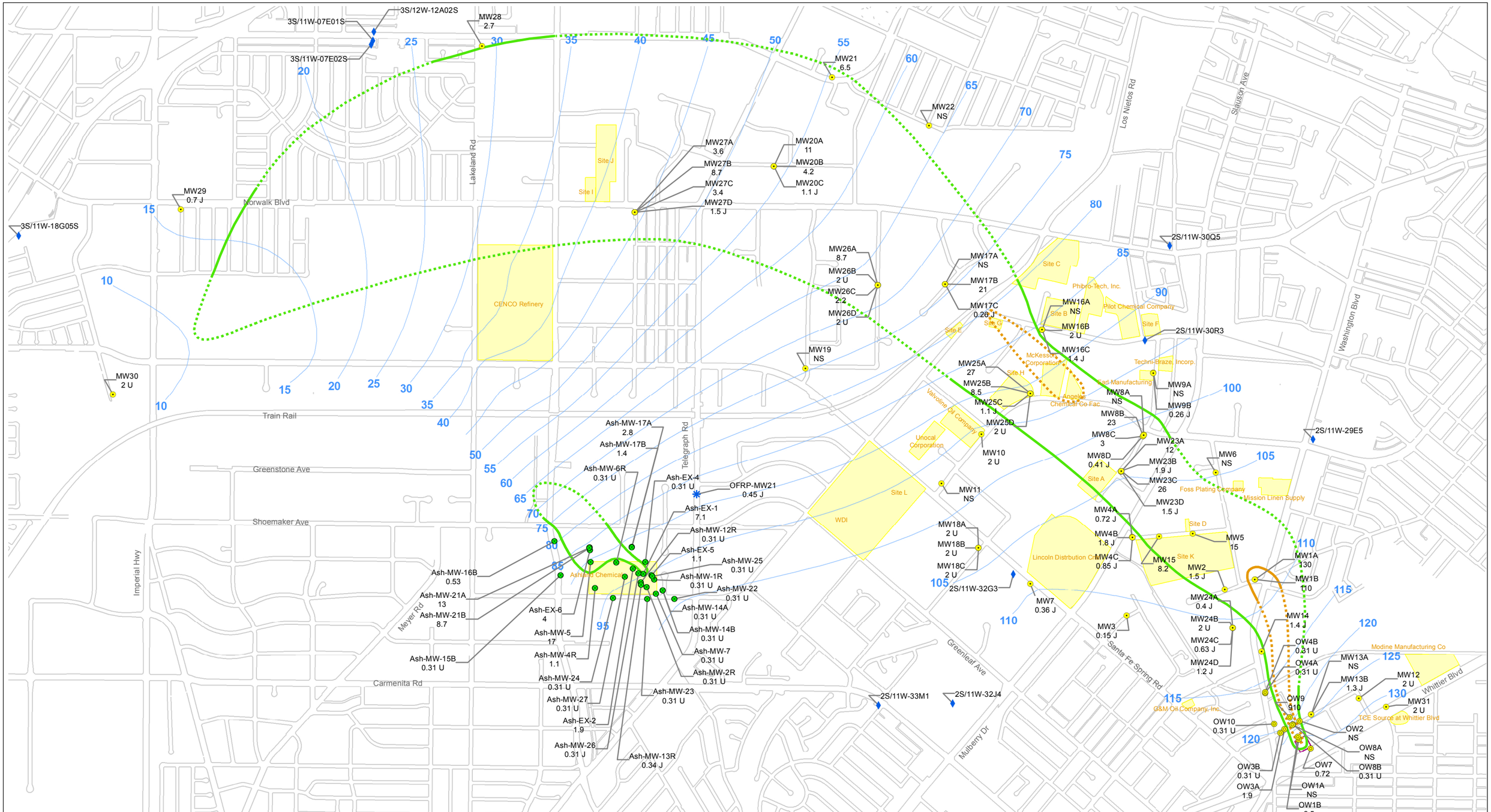
0 750 1,500

Feet

Figure 3-10c
Composite 1,2-DCA Distribution
First Quarter 2011
Omega Chemical Superfund Site

CH2MHILL

Path: \\cheron\proj\EPA\386743OmegaOU2\GIS\2010-2011 Annual Report\Omega_2010-2011_Report\ArcMap Documents\Chemistry Contours\Figure_3-10c_1Q_2011_1,2-DCA_Contours_final.mxd



Legend

- EPA Monitoring Well
- Omega Potentially Responsible Parties Organized Group (OPOG) Monitoring Well
- Ashland Chemical Well
- CENCO Well
- Oil Field Reclamation Project (OFRP) Well
- Waste Disposal, Inc. Well
- Production Well
- Water Table Contours (feet amsl), First Quarter 2010
- Approximate Boundary of Facilities
- Former Omega Facility

Estimated Composite 1,4-Dioxane Plume Extent

- 100 µg/L (Dashed where approximated)
- 3 µg/L (Dashed where approximated)

Notes:

1) Posted values are measured concentrations in micrograms per liter (µg/L).
   - 1a) J - Estimated value.
   - 1b) E - Estimated value as the concentration exceeding upper level of instrument calibration range.
   - 1c) U - Non-Detect as the concentration less than the posted value.
   - 1d) UJ - Estimated Non-Detect at the posted value.
   - 1e) NS - Not Sampled.
2) amsl - above mean sea level.

N

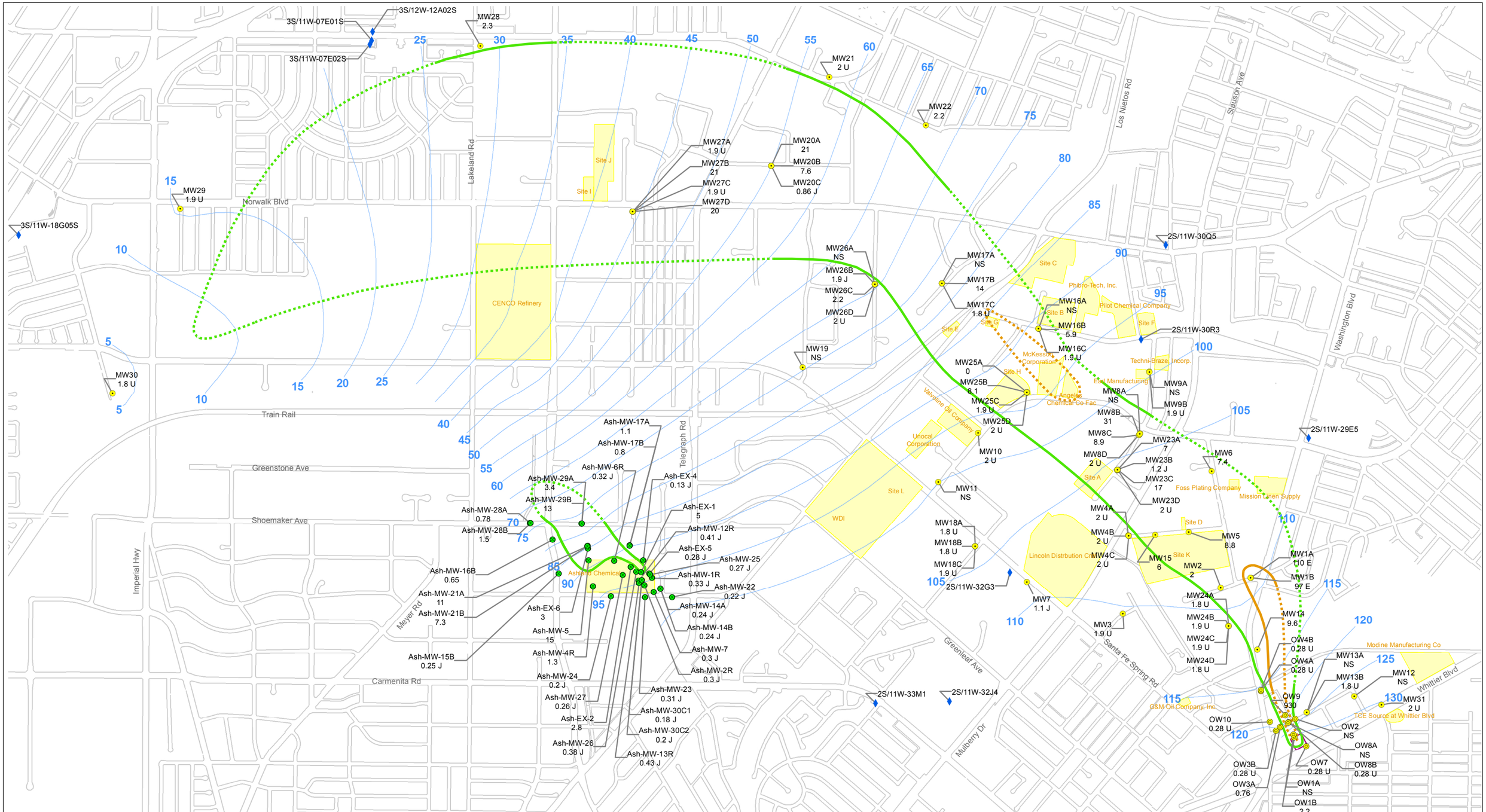
0 750 1,500

Feet

Figure 3-11a
Composite 1,4-Dioxane Distribution
First Quarter 2010
Omega Chemical Superfund Site

CH2MHILL

Path: \\cheron\proj\EPA\386743OmegaOU2\GIS\2010-2011 Annual Report\Omega_2010-2011_Report\ArcMap Documents\Chemistry Contours\Figure_3-11a_1Q_2010_1,4-Dioxane_Contours_final.mxd



Legend

- EPA Monitoring Well
- Omega Potentially Responsible Parties Organized Group (OPOG) Monitoring Well
- Ashland Chemical Well
- CENCO Well
- Oil Field Reclamation Project (OFRP) Well
- Waste Disposal, Inc. Well
- Production Well
- Water Table Contours (feet amsl), Third Quarter 2010
- Approximate Boundary of Facilities
- Former Omega Facility

Estimated Composite 1,4-Dioxane Plume Extent

- 100 µg/L (Dashed where approximated)
- 3 µg/L (Dashed where approximated)

Notes:
1) Posted values are measured concentrations in micrograms per liter (µg/L).
1a) J - Estimated value.
1b) E - Estimated value as the concentration exceeding upper level of instrument calibration range.
1c) U - Non-Detect as the concentration less than the posted value.
1d) UJ - Estimated Non-Detect at the posted value.
1e) NS - Not Sampled.
2) amsl - above mean sea level.

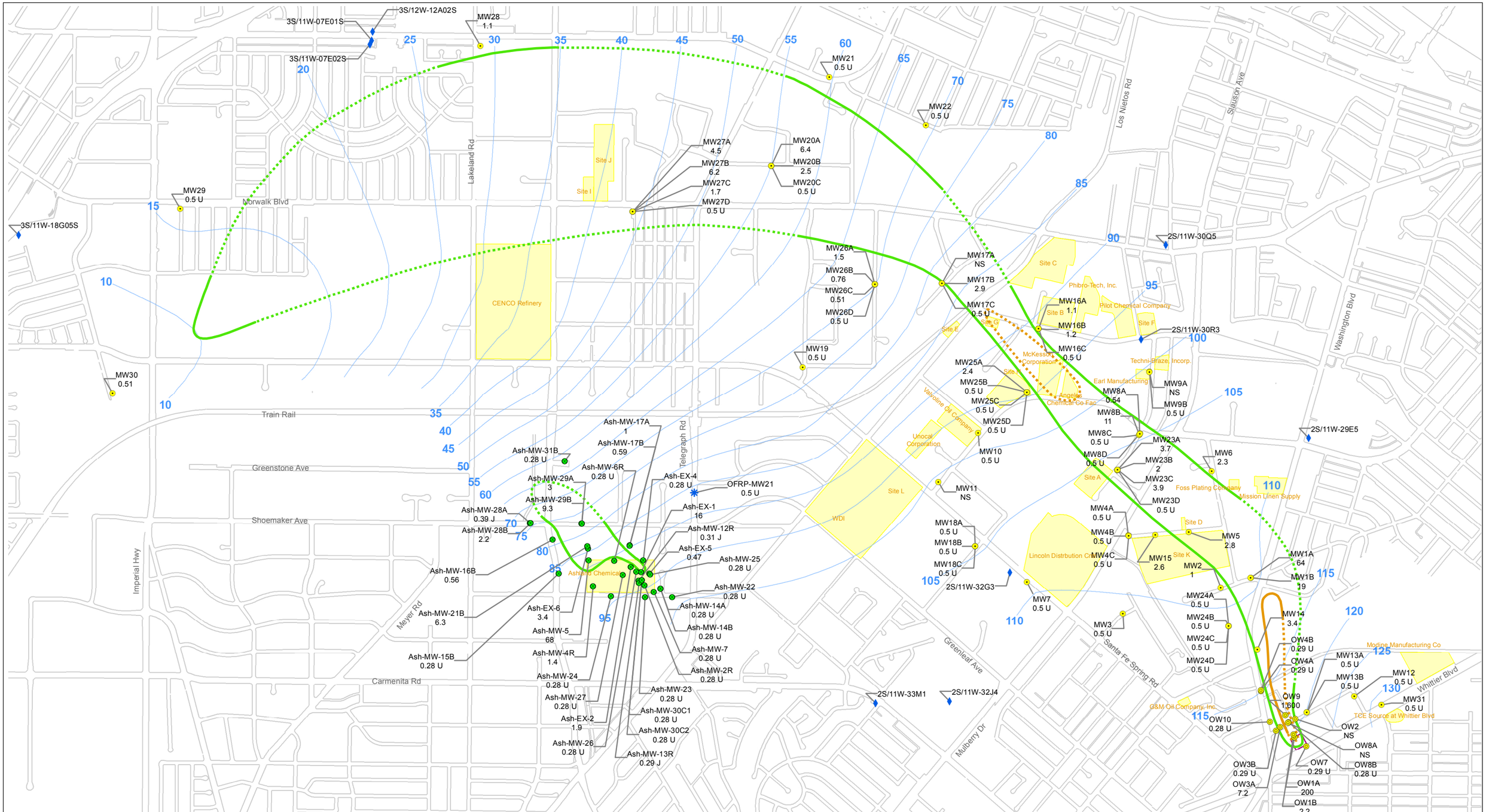
N

0 750 1,500
Feet

Figure 3-11b
Composite 1,4-Dioxane Distribution
Third Quarter 2010
Omega Chemical Superfund Site

CH2MHILL

Path: \\cheron\proj\EPA\386743OmegaOU2\GIS\2010-2011 Annual Report\Omega_2010-2011_Report\ArcMap Documents\Chemistry Contours\Figure_3-11b_3Q_2010_1,4-Dioxane_Contours_final.mxd



Legend

- EPA Monitoring Well
- Omega Potentially Responsible Parties Organized Group (OPOG) Monitoring Well
- Ashland Chemical Well
- CENCO Well
- Oil Field Reclamation Project (OFRP) Well
- Waste Disposal, Inc. Well
- Production Well
- Water Table Contours (feet amsl), First Quarter 2011
- Approximate Boundary of Facilities
- Former Omega Facility

Estimated Composite 1,4-Dioxane Plume Extent

- 100 µg/L (Dashed where approximated)
- 3 µg/L (Dashed where approximated)

Notes:

1) Posted values are measured concentrations in micrograms per liter (µg/L).
   - 1a) J - Estimated value.
   - 1b) E - Estimated value as the concentration exceeding upper level of instrument calibration range.
   - 1c) U - Non-Detect as the concentration less than the posted value.
   - 1d) UJ - Estimated Non-Detect at the posted value.
   - 1e) NS - Not Sampled.
2) amsl - above mean sea level.

N

0 750 1,500

Feet

Figure 3-11c
Composite 1,4-Dioxane Distribution
First Quarter 2011
Omega Chemical Superfund Site

CH2MHILL

Path: \\cheron\proj\EPA\386743OmegaOU2\GIS\2010-2011 Annual Report\Omega_2010-2011_Report\ArcMap Documents\Chemistry Contours\Figure_3-11c_1Q_2011_1,4-Dioxane_Contours_final.mxd