

Midland Resolution Area

**Dow Chemical
Michigan Operations**

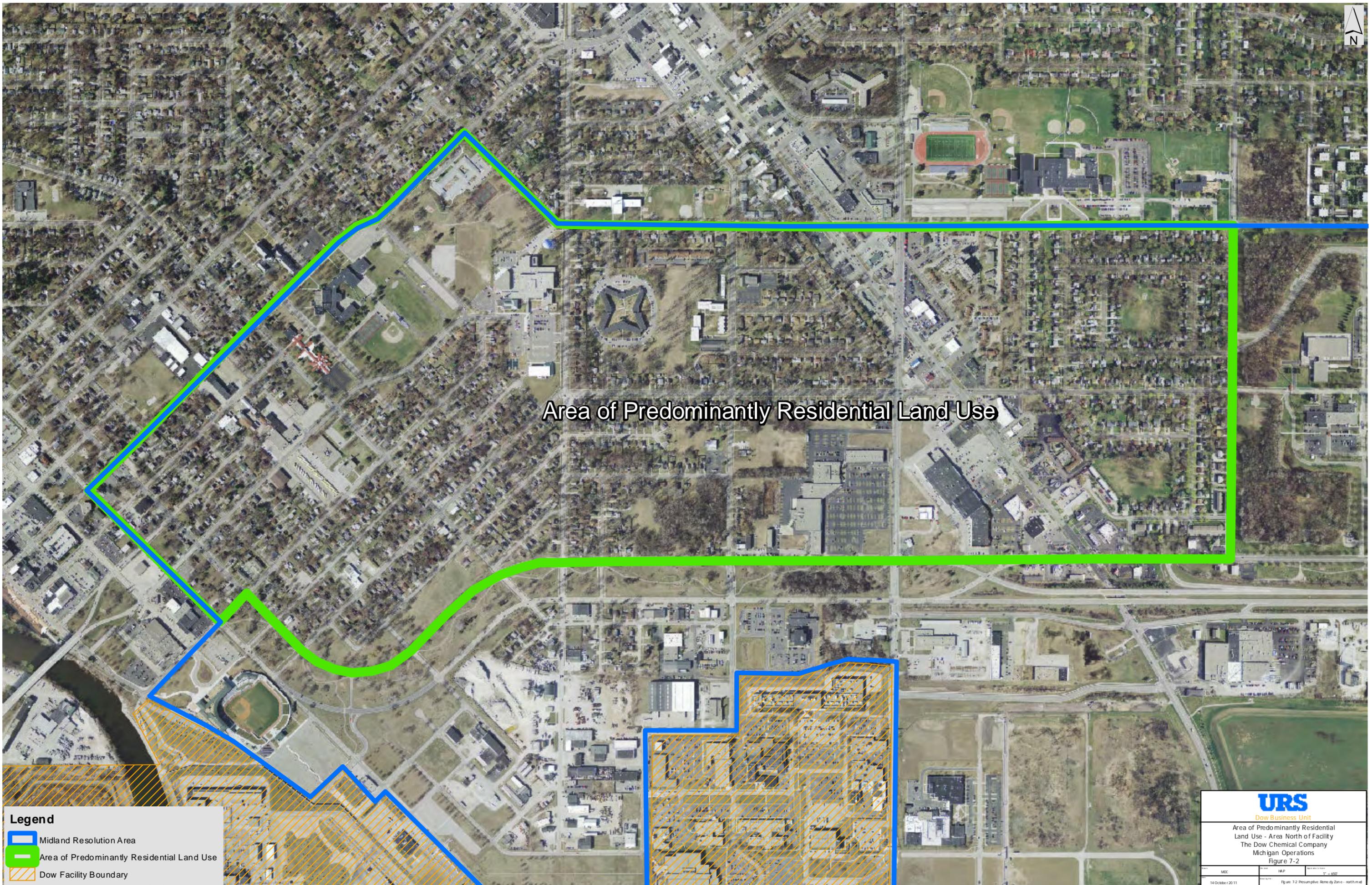
Legend

-  Midland Resolution Area
-  Dow Facility Boundary

URS
Dow Business Unit

Overview of Midland Resolution Area
The Dow Chemical Company
Michigan Operations
Figure 7-1

Drawn: MDC	Checked: HAP	Approximate Scale: 1" = 1050'
Date: 14 October 2011	Drawing File: Figure 7-1 Overview PRZ and EDZ.mxd	



Area of Predominantly Residential Land Use

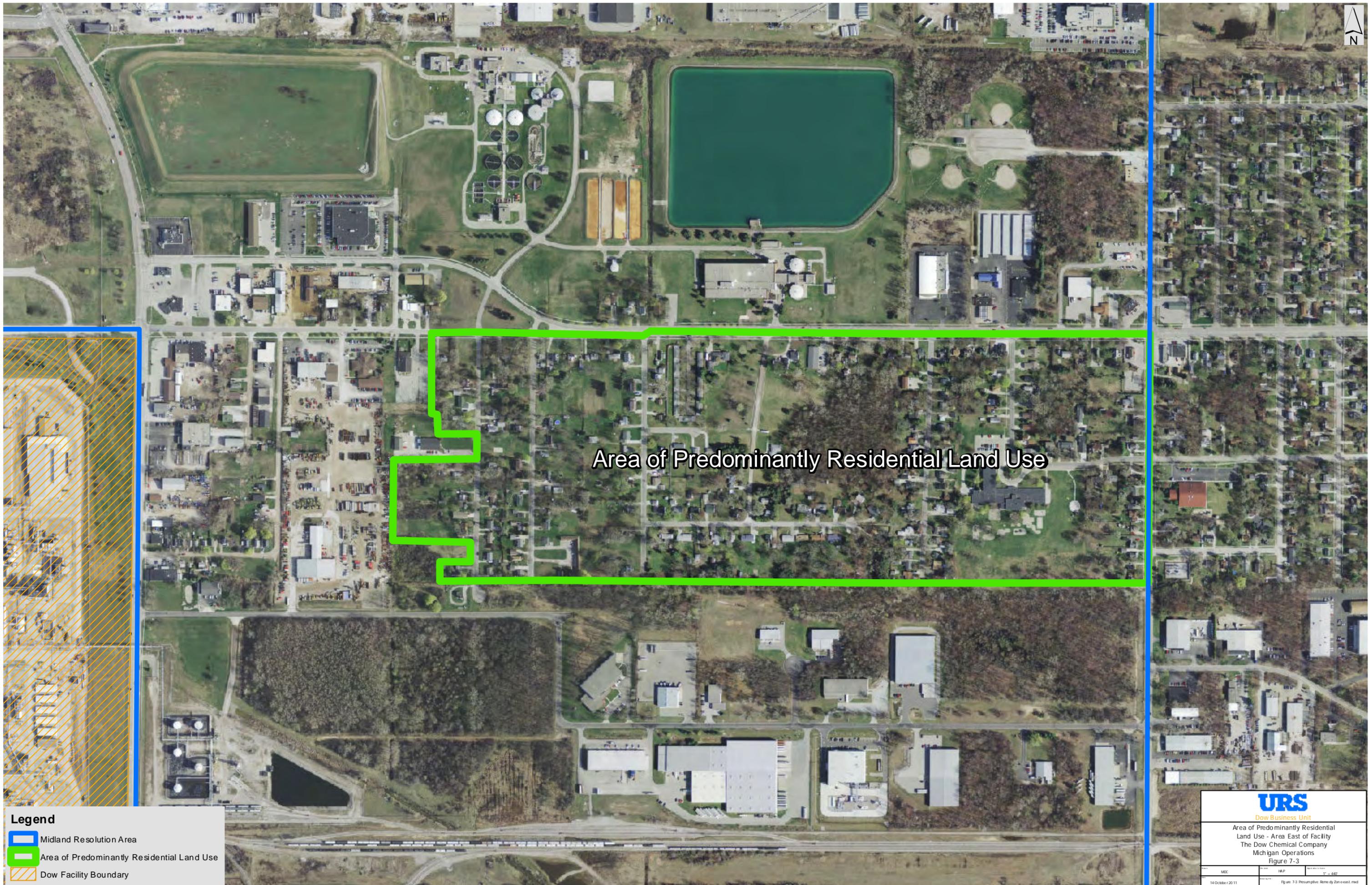
Legend

-  Midland Resolution Area
-  Area of Predominantly Residential Land Use
-  Dow Facility Boundary

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Area of Predominantly Residential Land Use - Area North of Facility
The Dow Chemical Company
Michigan Operations
Figure 7-2

MDC	HWP	1" = 650'
14 October 2011	Figure 7-2 Presumptive Remedial Site - red1.rvt.mxd	



Area of Predominantly Residential Land Use

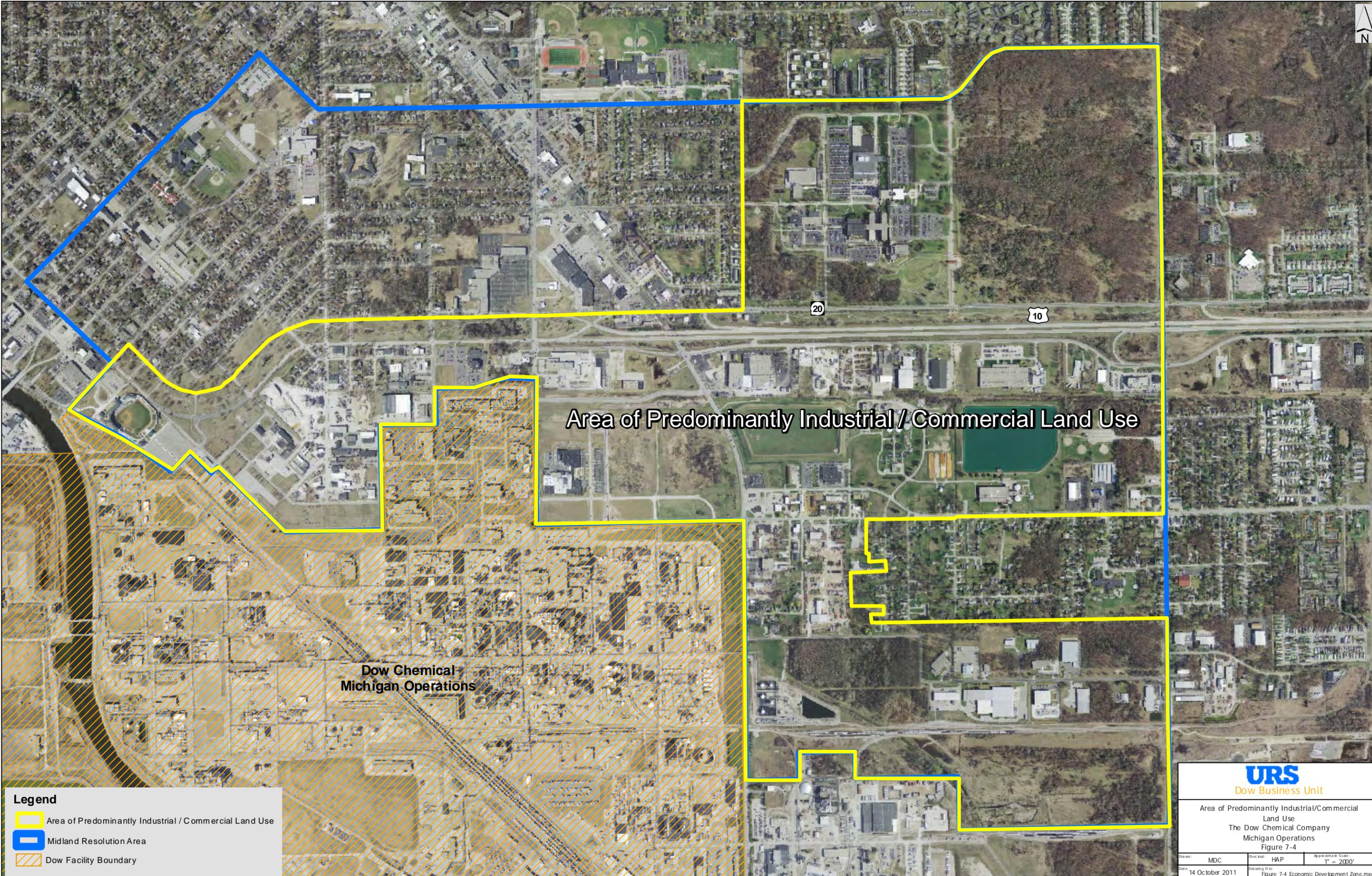
Legend

-  Midland Resolution Area
-  Area of Predominantly Residential Land Use
-  Dow Facility Boundary

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Area of Predominantly Residential
Land Use - Area East of Facility
The Dow Chemical Company
Michigan Operations
Figure 7-3

MDC	H&P	1" = 400'
14 October 2011	Fig. 7-3 Presumptive Remedy Site East.mxd	



Area of Predominantly Industrial / Commercial Land Use

Dow Chemical Michigan Operations

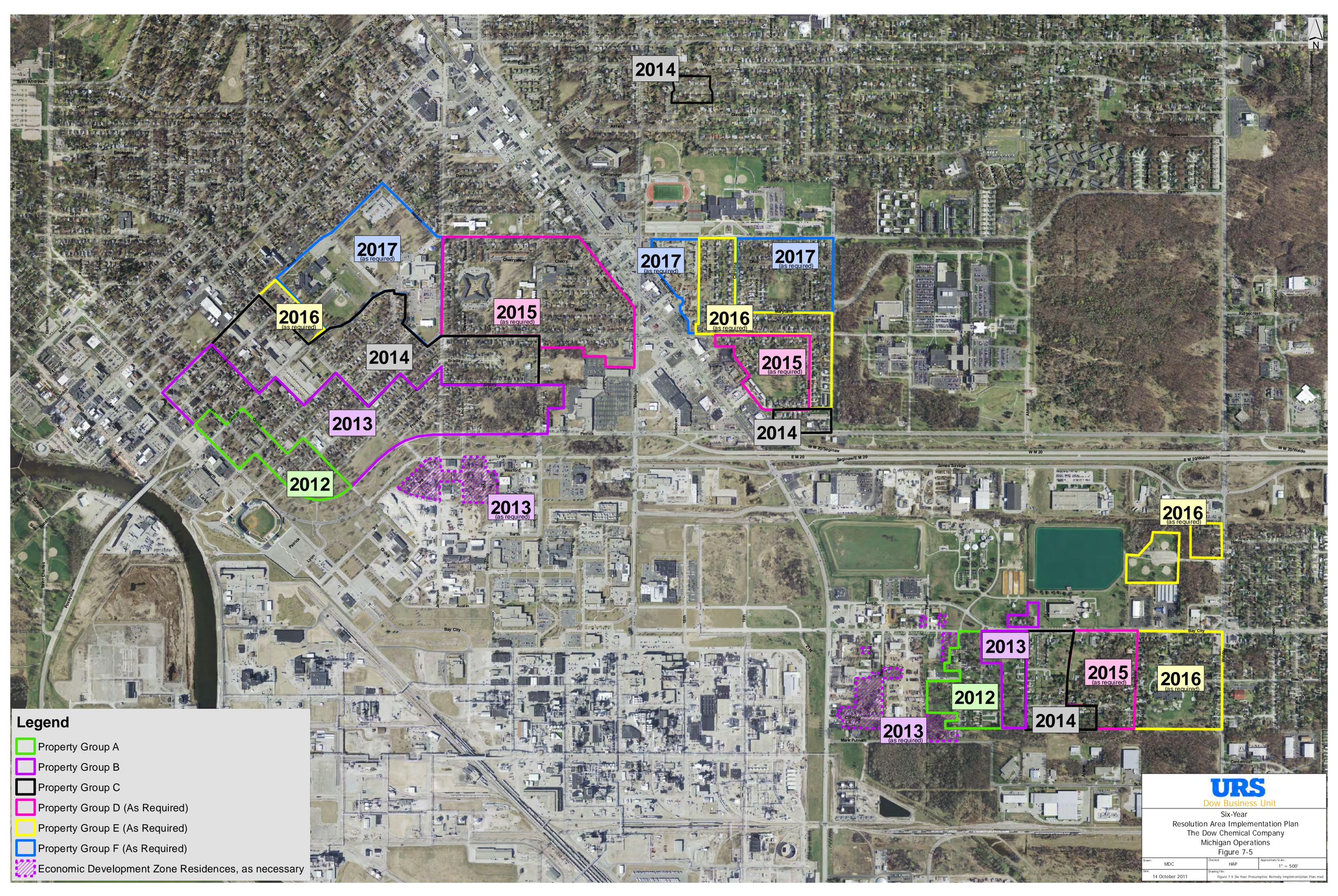
Legend

- Area of Predominantly Industrial / Commercial Land Use
- Midland Resolution Area
- Dow Facility Boundary

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Area of Predominantly Industrial/Commercial Land Use
The Dow Chemical Company
Michigan Operations
Figure 7-4

Drawn: MDC	Checked: HAP	Approximate Scale: 1" = 2000'
Date: 14 October 2011	Drawing File: Figure 7-4 Economic Development Zone.mxd	



Legend

- Property Group A
- Property Group B
- Property Group C
- Property Group D (As Required)
- Property Group E (As Required)
- Property Group F (As Required)
- Economic Development Zone Residences, as necessary

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Six-Year
Resolution Area Implementation Plan
The Dow Chemical Company
Michigan Operations
Figure 7-5

Drawn: MDC	Checked: HAP	Approved Scale: 1" = 500'
Date: 14 October 2011	Drawing File: Figure 7-5 Six-Year Presumptive Remedy Implementation Plan.mxd	

Decision Rules

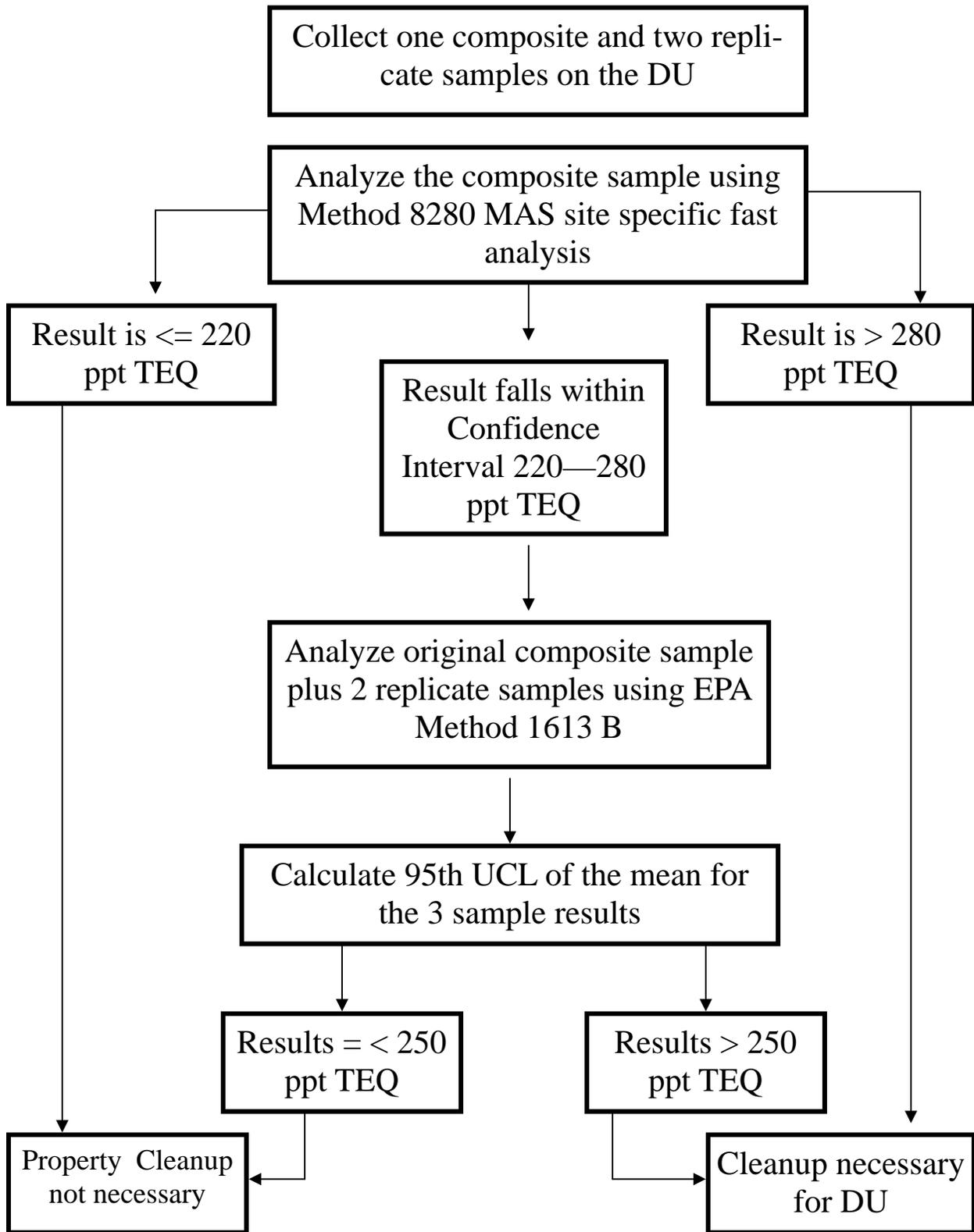
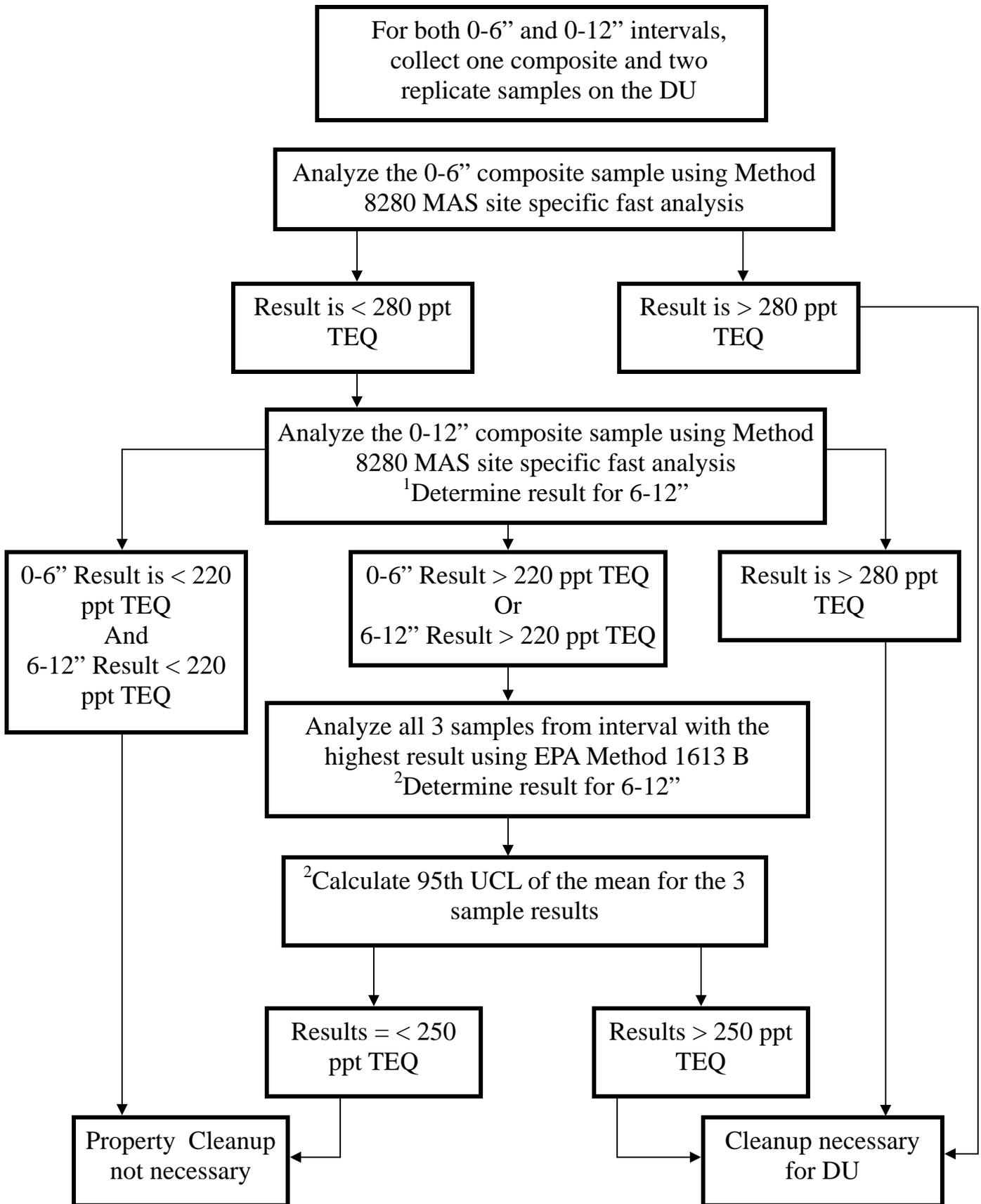


Figure 7-6. Decision Rules for Residential or Residential-Like DUs

Decision Rules



Notes 1 & 2 See Page 2

Figure 7-7. Decision Rules for Residential or Residential –Like DUs with Extensive Landscaping.

Decision Rules (notes)

Note 1:

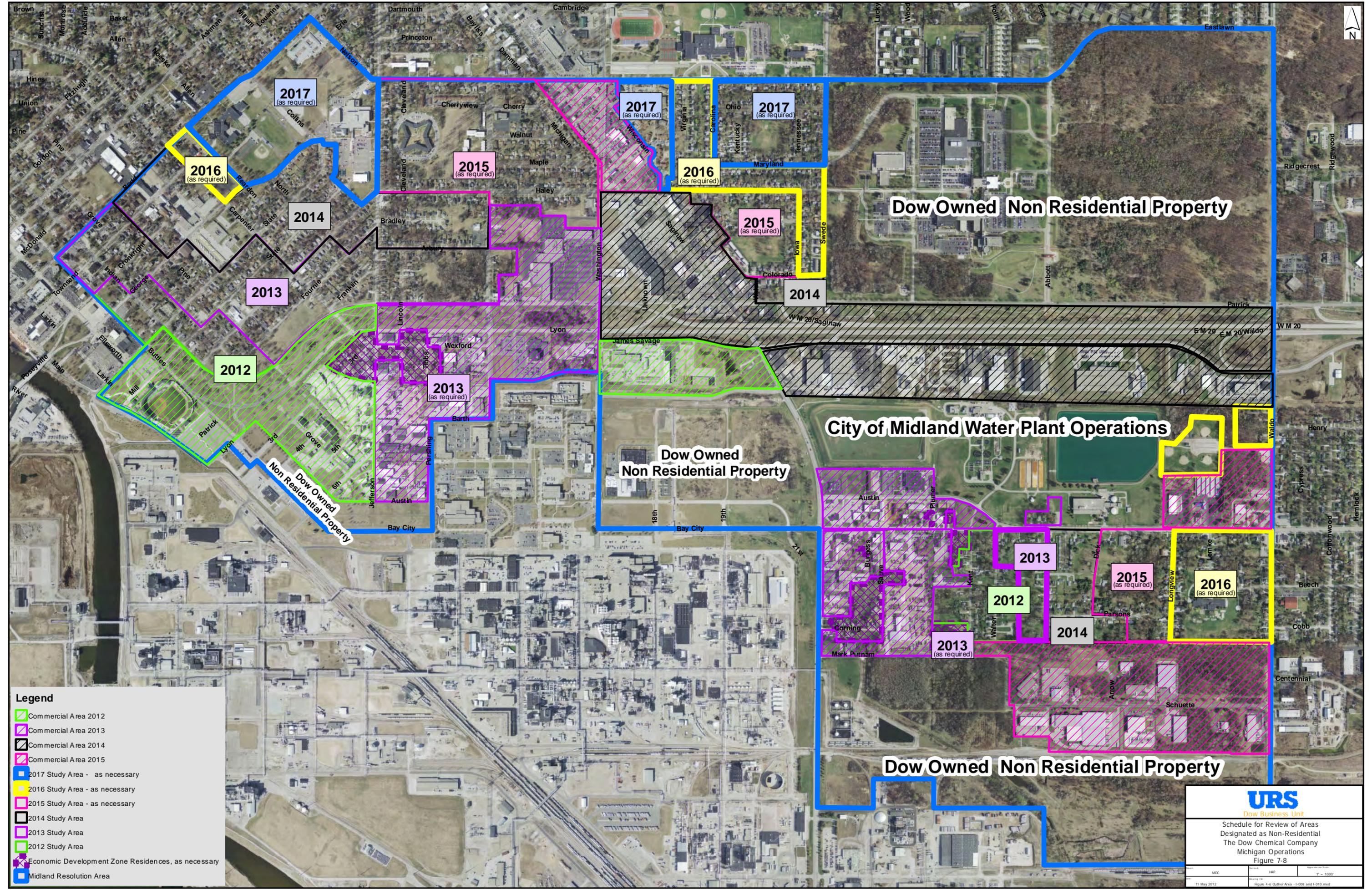
$$[6-12''] = \left(\frac{[0-12'']^{8280MAS}}{0.5'} \right) - [0-6'']^{8280MAS}$$

Note 2:

If $[0-12''] < [0-6'']$ $[6-12''] = \left(\frac{[0-12'']^{8280MAS}}{0.5'} \right) - [0-6'']$ $\begin{matrix} 1613b \\ 95\% UCL \end{matrix}$

If $[0-12''] > [0-6'']$ $[6-12''] = \left(\frac{[0-12'']_{95\% UCL}^{1613b}}{0.5'} \right) - [0-6'']$ $8280MAS$

Figure 7-7. Decision Rules for Residential or Residential –Like DUs with Extensive Landscaping.

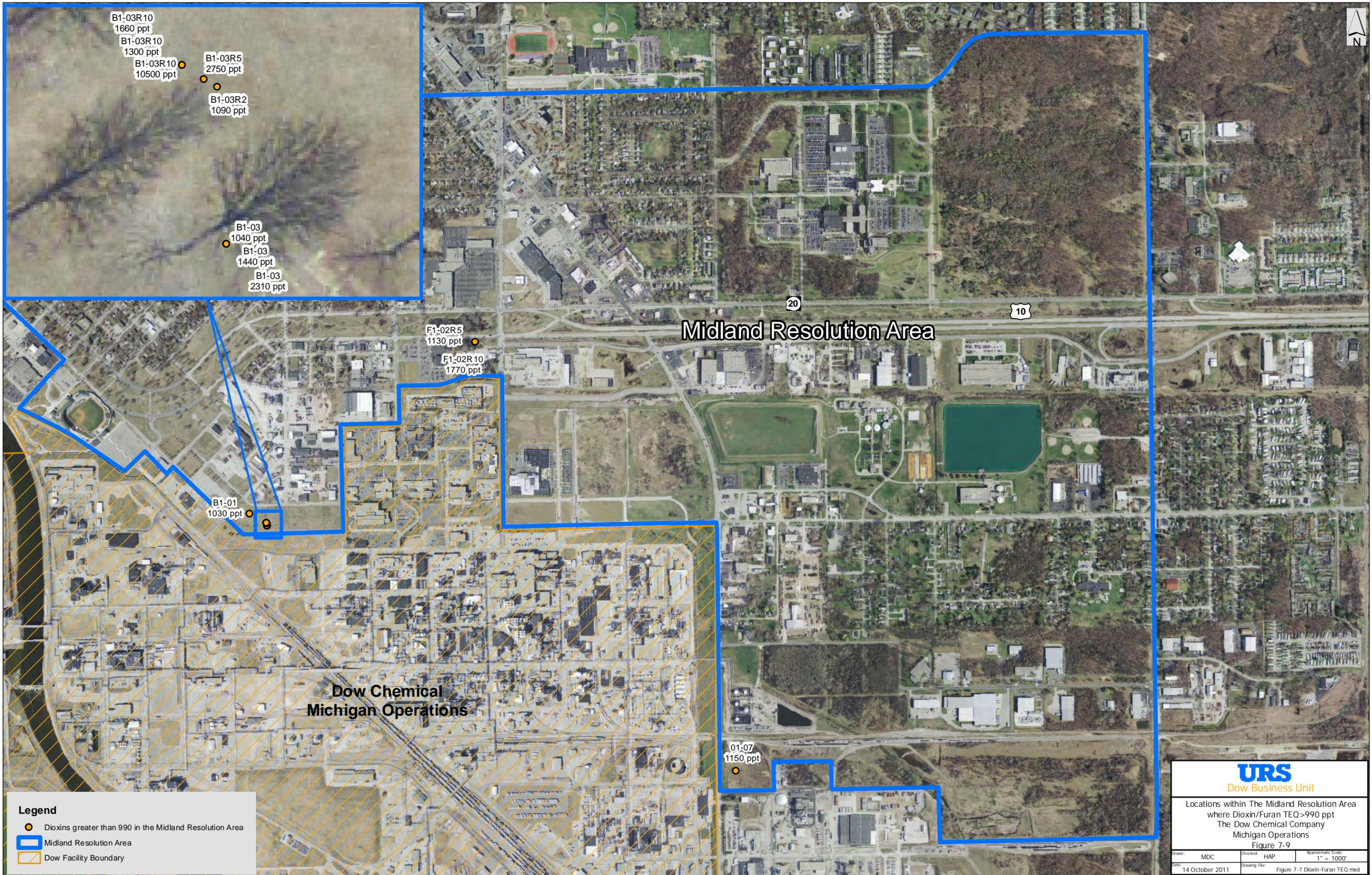


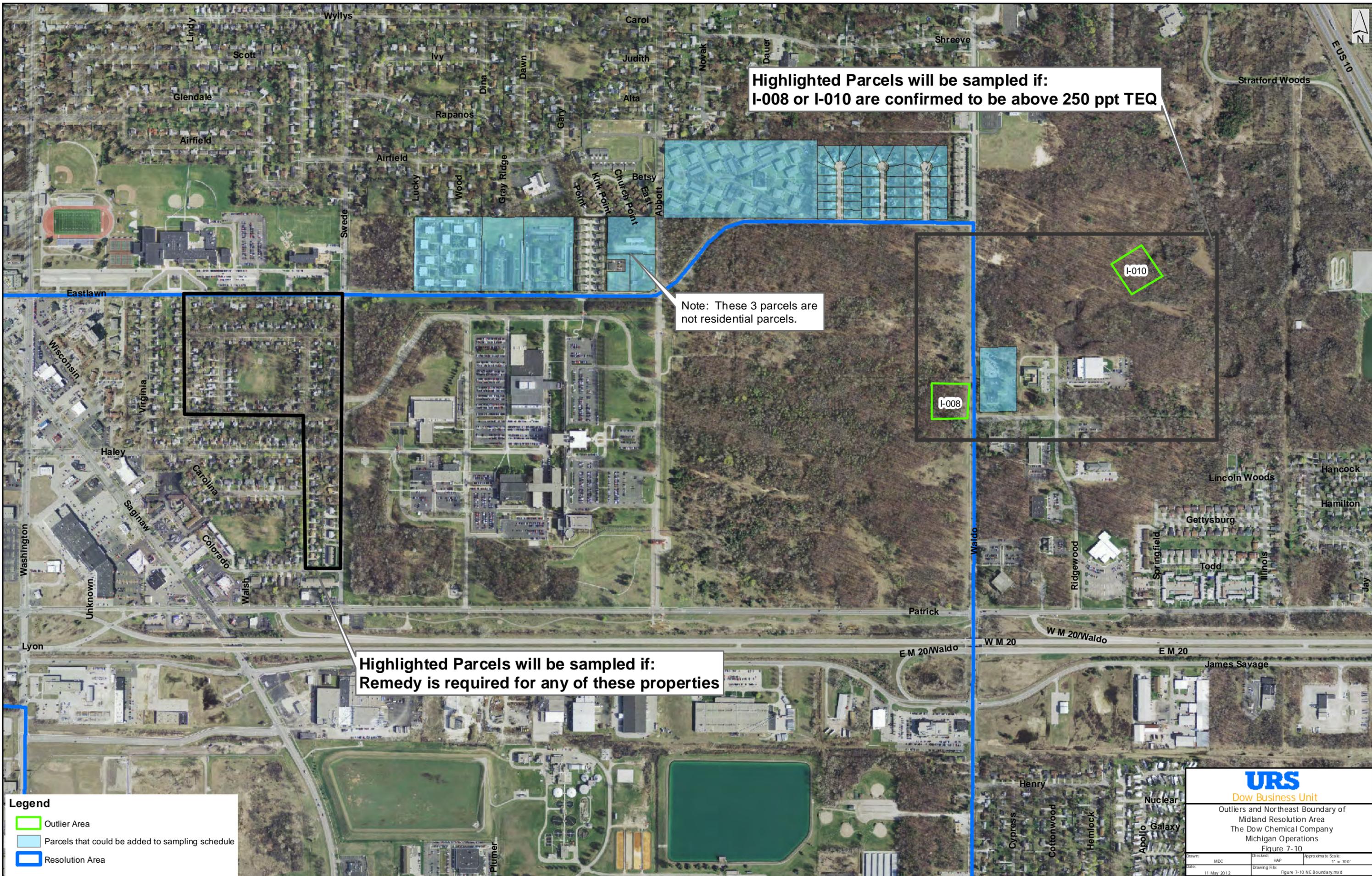
- Legend**
- Commercial Area 2012
 - Commercial Area 2013
 - Commercial Area 2014
 - Commercial Area 2015
 - 2017 Study Area - as necessary
 - 2016 Study Area - as necessary
 - 2015 Study Area - as necessary
 - 2014 Study Area
 - 2013 Study Area
 - 2012 Study Area
 - Economic Development Zone Residences, as necessary
 - Midland Resolution Area

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Schedule for Review of Areas
Designated as Non-Residential
The Dow Chemical Company
Michigan Operations
Figure 7-8

11 May 2012	MOC	RMP	1" = 1000'
Figure 4-6 Quiller Area - I-008 and I-010.mxd			





Highlighted Parcels will be sampled if:
I-008 or I-010 are confirmed to be above 250 ppt TEQ

Note: These 3 parcels are not residential parcels.

Highlighted Parcels will be sampled if:
Remedy is required for any of these properties

Legend

- Outlier Area
- Parcels that could be added to sampling schedule
- Resolution Area

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Outliers and Northeast Boundary of
Midland Resolution Area
The Dow Chemical Company
Michigan Operations
Figure 7-10

Drawn: MDC	Checked: HAP	Approximate Scale: 1" = 700'
Date: 11 May 2012	Drawing File:	Figure 7-10 NE Boundary.mxd



Midland Resolution Area

2012

Legend

-  2012 Study Area
-  Midland Resolution Area
-  Dow Facility Boundary

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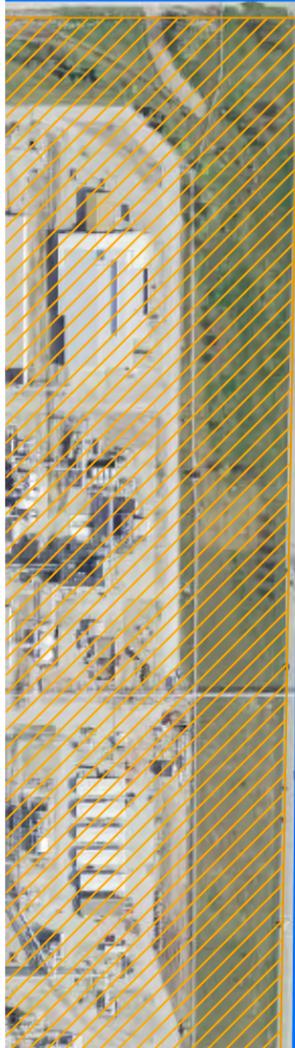
Midland Resolution Area
Year 1 Properties - Area North of Facility
The Dow Chemical Company
Michigan Operations
Figure 8-1

MDC	HW	1" = 630'
14 October 2011	Figure 8-1 Year 1 properties-north.mxd	



Midland Resolution Area

2012



Legend

-  2012 Study Area
-  Midland Resolution Area
-  Dow Facility Boundary

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 Midland Resolution Area
 Year 1 Properties - Area East of Facility
 The Dow Chemical Company
 Michigan Operations
 Figure 8-2

MDC	HWP	1" = 400'
14 October 2011	Figure 8-2 Year 1 Properties Area East.mxd	