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USA

March 14, 2014

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Subject: 2014 WORK PLAN AND ADAPTIVE MANAGEMENT REPORT  
MIDLAND AREA SOILS  
MID 000 724 724

Pursuant to Part XI.B of its Hazardous Waste Management Facility Operating License (License) and in accordance with the approved May 25, 2012 Interim Response Activity Plan Designed to Meet Criteria Work Plan approved by MDEQ on June 1, 2012, The Dow Chemical Company is providing the attached *2014 Work Plan and Adaptive Management Report*.

If you have any comments or questions related to the attached report, please contact me.

A handwritten signature in black ink, appearing to read "Steven C. Lucas".

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Enclosure  
mdc



*The Dow Chemical Company – Michigan Operations  
2014 Work Plan and Adaptive Management Report*

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The Dow Chemical Company  
Midland Area Soils  
2014 Work Plan and Adaptive Management Report

March 14, 2014

Prepared by URS Corporation

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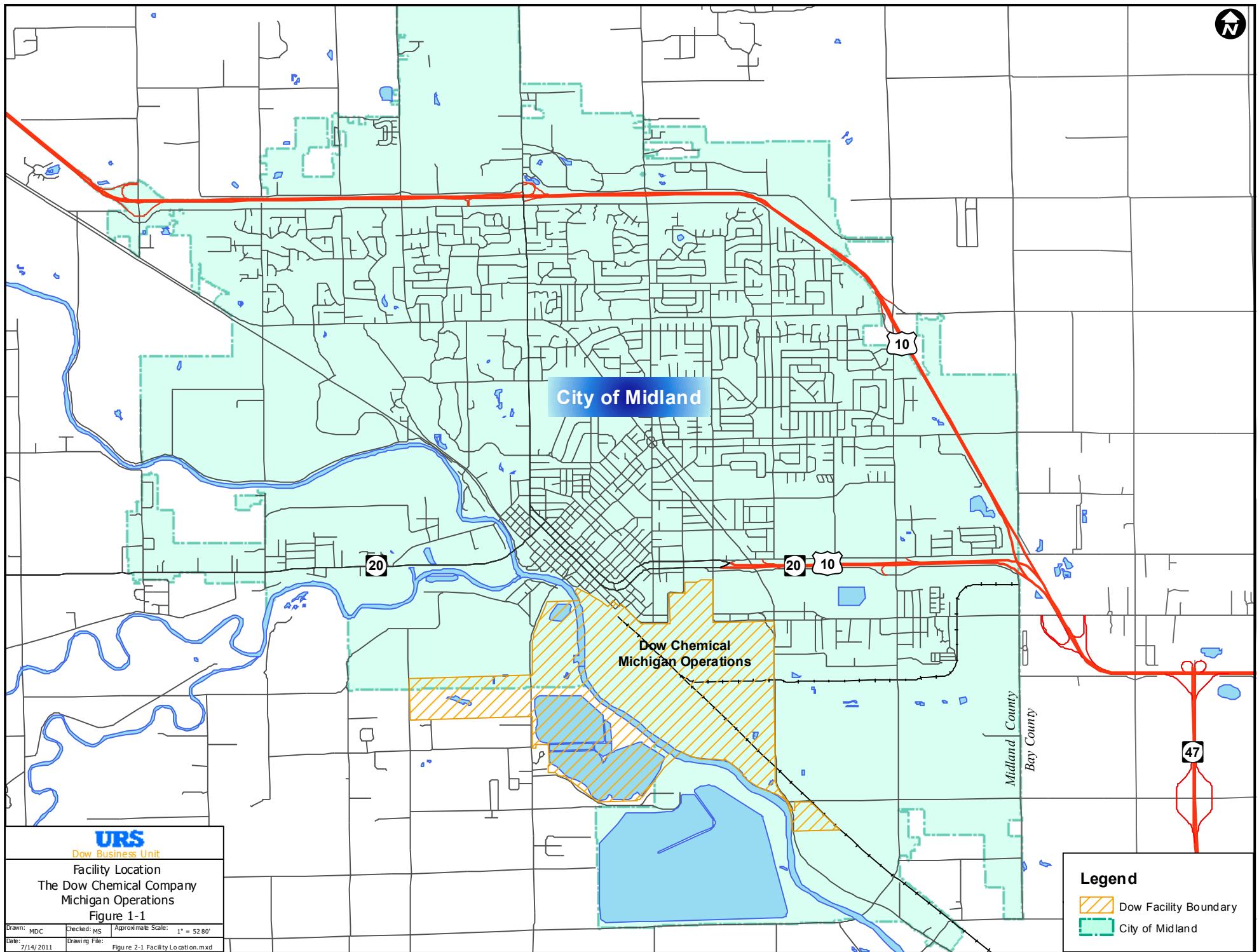
**Attachments**

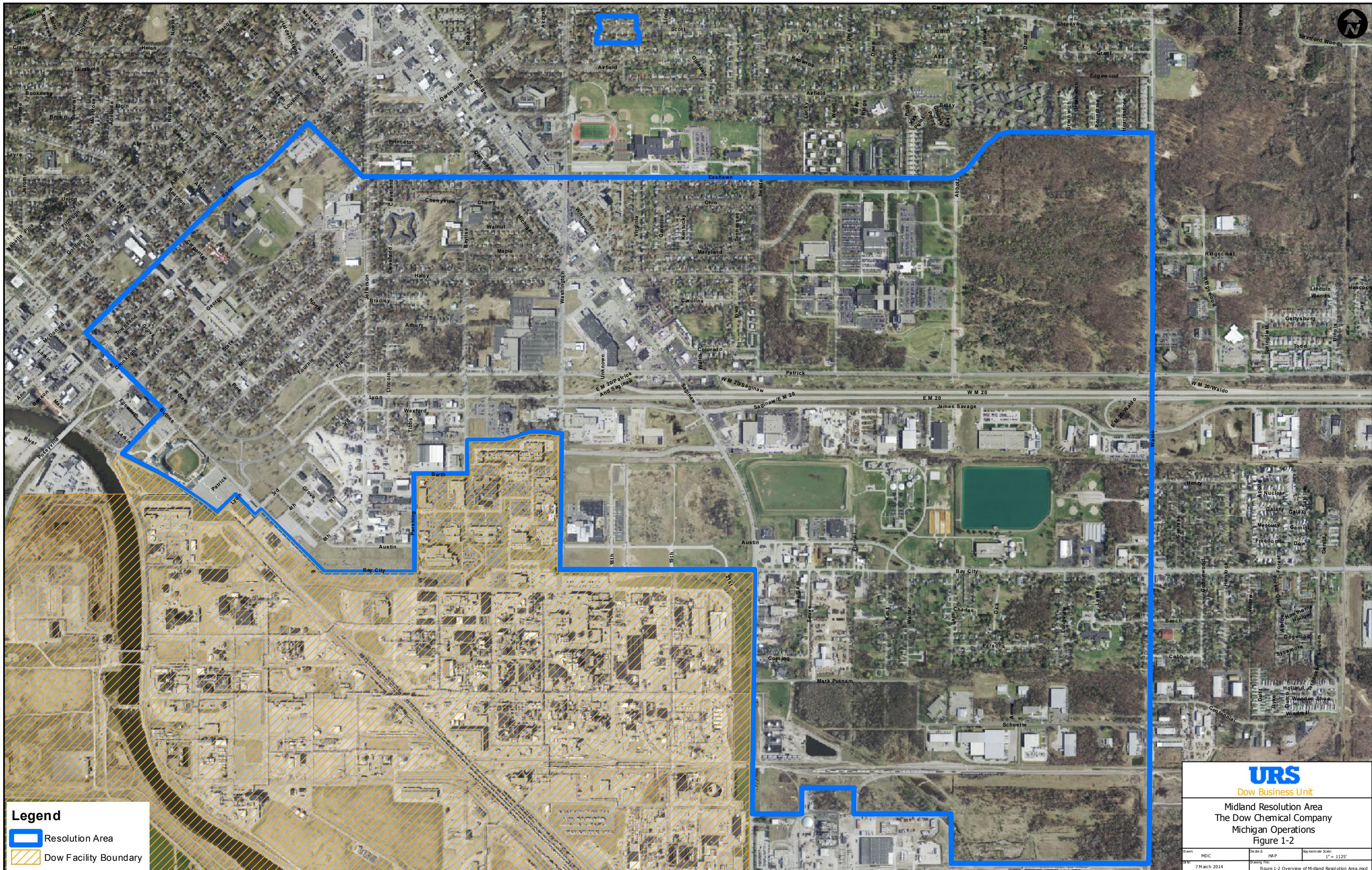
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## **1.0 Introduction**

Pursuant to Part XI.B of its Hazardous Waste Management Facility Operating License (License) and in accordance with the May 25, 2012 Interim Response Activity Plan Designed to Meet Criteria Work Plan (Work Plan) (URS, 2012) approved by the Michigan Department of Environmental Quality (MDEQ) on June 1, 2012, The Dow Chemical Company (Dow), with oversight from the MDEQ, has completed the implementation of Year 2 (2013) of the presumptive remedy for the City of Midland area soils. This *2014 Work Plan and Adaptive Management Report* documents the presumptive remedy implementation plans for the third year of implementation (2014) and presents a review and evaluation of 2013 data to inform the plans for 2014. The purpose of this *2014 Work Plan and Adaptive Management Report* is to provide the following:

- 2014 Overview;
- Data Evaluation of the results from 2013 (Phases I, II, III, and 2014 Phase I);
- Recommend updates to the Work Plan, if warranted, based on the results of 2013 data evaluation; and
- Planned activities for Land Use Monitoring.





**URS**

Dow Business Unit

Midland Resolution Area  
The Dow Chemical Company  
Michigan Operations  
Figure 1-2

Drawn:	Checked:	Approximate Scale:
MDC	HAP	1" = 1125'
Date:	Revised:	Drawing File:
7 March 2014		Figure 1-2 Overview of Midland Resolution Area.mxd

## **2.0 Overview of Project Objectives for 2014**

Project implementation will include the following elements:

- Completion of Remedy identified as a result of 2014 Phase I Sampling (Fall 2013);
- Evaluation of the outer boundary of the Midland Resolution Area;
- Incorporation of a limited number of non-residential properties adjacent to contiguous residential property blocks; and
- Demobilization of the field program.

### ***2.1 Remedy Completion***

In accordance with Sections 7.4.6 of the approved 2012 IRDC and 3.2.4 of the approved 2013 *Work Plan and Adaptive Management Report* (WP-AMR), property-specific plans for Presumptive Remedy are currently being developed for those properties identified during the 2014 Phase I sampling effort (completed in Fall 2013) that are above the Site Specific Action Level (SSAL). The presumptive remedy plans will be implemented for these properties during 2014, consistent with Section 7.4.7 of the approved 2012 IRDC.

### ***2.2 Evaluation of the Outer Boundary of the Midland Resolution Area***

The Midland Resolution Area was established and described in Section 7.1 of the approved 2012 IRDC, consisting of roughly 1,700 total acres. The purpose of the boundary is to definitively establish an area beyond which no remedy is offered. Consistent with Section 9.3 of the approved 2012 IRDC, the final boundary will be defined when the available incremental sampling data demonstrate that areas beyond the proposed boundary will be less than 250 ppt TEQ. Along the currently defined northeastern boundary, where limited residential property is available, additional considerations will be made, as described in Section 2.2.1 of this report. Further discussion with respect to the remaining boundary areas is included in Section 4.3 of this report.

### ***2.2.1 Northeast Midland Resolution Area Boundary Confirmation***

During the 2006 blinded transect sampling activities (summarized in Section 3.0 of the approved 2012 IRDC), transect sampling areas I-008 and I-010 were sampled and each exhibited a detected concentration of dioxin and furan TEQ at a level greater than 250 ppt TEQ in a discrete sample. I-008 is located along the east boundary of the currently defined Midland Resolution Area, and I-010 is roughly ¼-mile to the east of the boundary, as shown in Figure 2-1.

Consistent with Section 7.2 of the approved 2012 IRDC, the outlier areas will be assessed following the same decision rules as presented in Section 7.5 of the approved 2012 IRDC. Each of the outlier areas I-008 and I-010 are owned by The Dow Chemical Company. Evaluation of these outlier properties will be completed as early as possible during the 2014 field season to enable timely evaluation of the Resolution Area Boundary.

### ***2.3 Non-Residential Property Sampling***

During 2014, a limited number of non-residential properties adjacent to contiguous residential property blocks will be incorporated into the sampling program. Sampling of these non-residential properties is proposed for 2014 sampling program and is planned for implementation during 2014 Phase IA and Phase II. There are two types of non-residential properties, being: (1) non-residential property in residential neighborhoods and (2) non-residential properties apart from residential neighborhoods.

#### ***2.3.1 Non-Residential Property in Residential Neighborhoods***

These properties are being included into the sampling program because they are largely surrounded by or located within predominantly residential areas. While the property use is non-residential today long term land use may reasonably be residential use. Therefore, although the generic MDEQ direct contact criterion for dioxins and furans is 990 ppt TEQ for non-residential land use, the decision rules for implementation of remedy will be consistent with those identified

in Section 4.2.2.1 of this report. Specific details of the sampling activities are described in Section 3.4 of this report and further discussion of response actions for non-residential property is provided in Section 4.2.2 of this report.

### ***2.3.2 Non-Residential Property Apart From Residential Neighborhoods***

These properties are located outside residential areas, and long term use is not likely to become residential (see Figure 2-2). These properties (parcels 14-14-30-010, 14-13-10-800 and a portion of the MDOT right-of-way) are being included into the 2014 Phase IA sampling program to address specific property-specific needs:

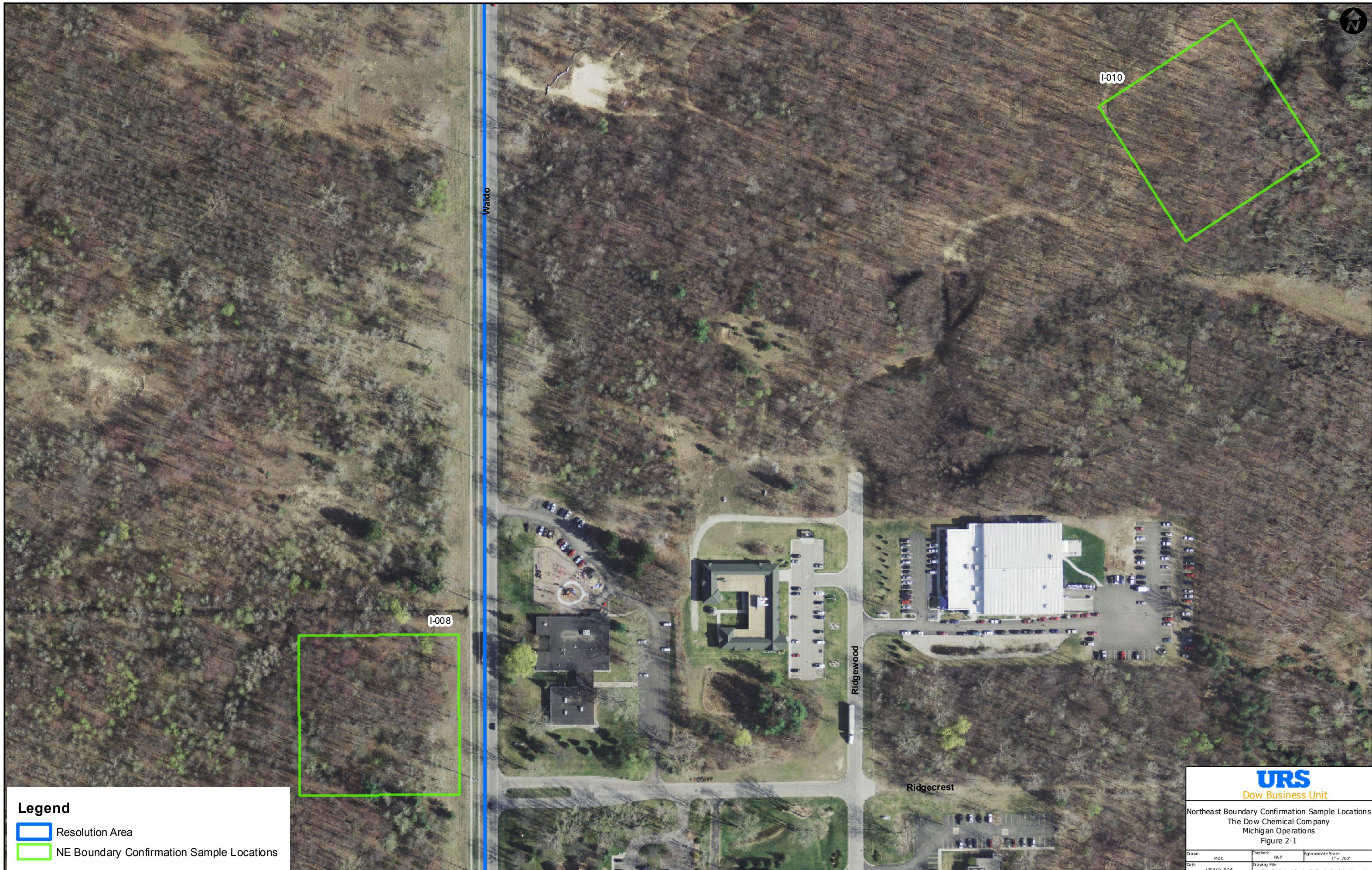
- Samples are being obtained from portions of the MDOT right-of-way to address a large construction project; and
- Samples are being obtained from 14-14-30-010 and 14-13-10-800 to evaluate the northeast boundary of the Midland Resolution Area, as described in Sections 2.2 and 4.3 of this report.

Individual sampling maps are provided in Attachment A. The decision rules for these properties will be consistent with the Section 7.5 of the approved 2012 IRDC. Specific details of the sampling activities are listed in Section 3.3 of this report and further discussion of response actions for these non-residential properties is provided in Section 4.2.2 of this report.

### ***2.4 Demobilization of the Midland Resolution Field Program***

As of 2014, the bulk of the committed field work proposed in the approved 2012 IRDC and the 2013 WP-AMR will be completed. As the number of the large blocks of property to sample or multiple remedy implementations will be completed during 2014, current plans are to close the Midland Resolution Center by the end of 2014. This will include archiving of project records for long-term storage. After closure of the Midland Resolution Center, the project (and any ongoing O&M) will be managed from existing offices within the Michigan Operations Plant Site. Access from individual property owners granted after September 2014 will be managed on a case-by-case basis, with sampling generally scheduled after access is granted during May thru

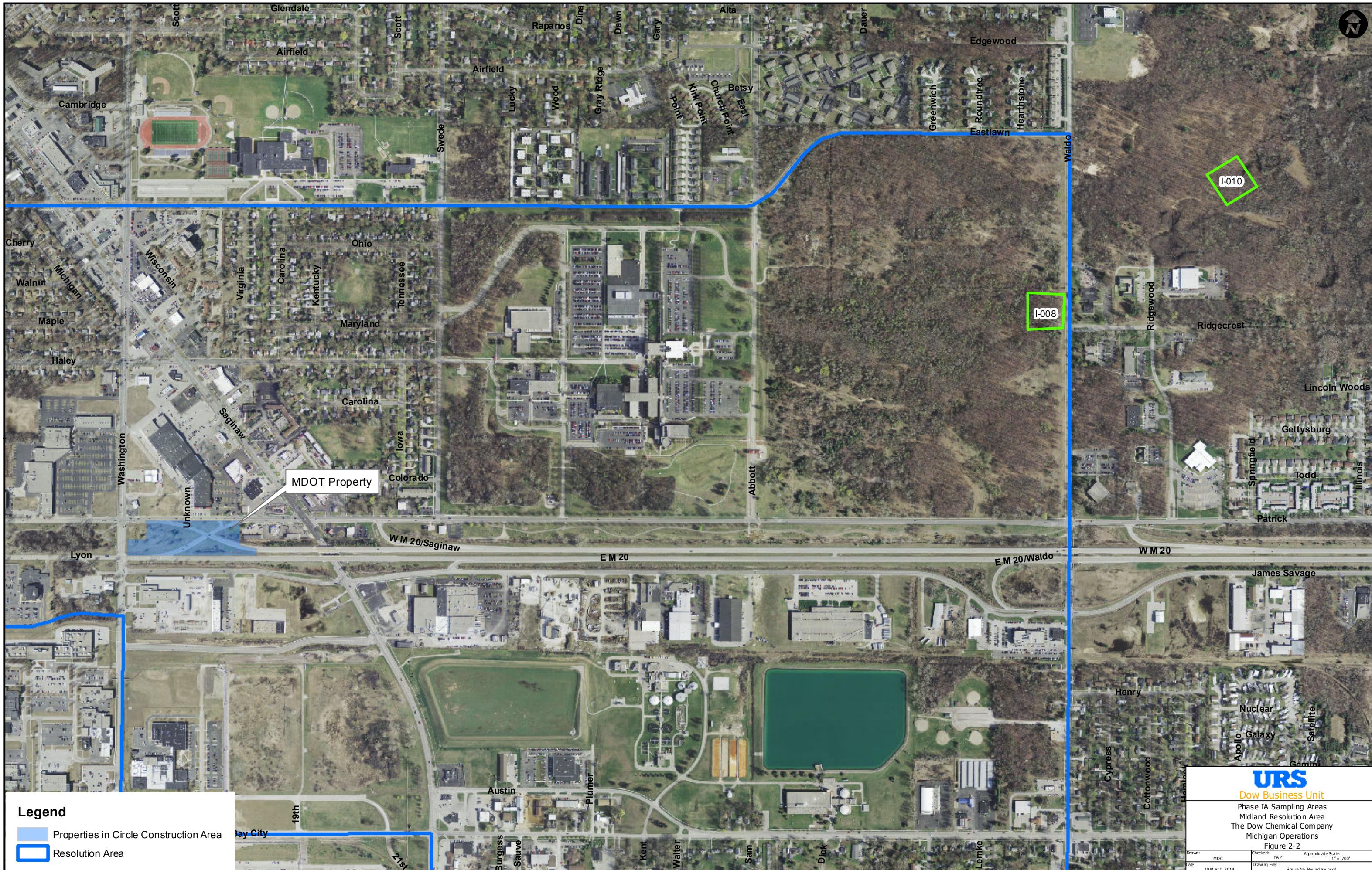
August and remedy if required scheduled during September and early October. Individual soil erosion and sedimentation control permits will need to be obtained for future individual remedy sites after the existing permit expires (12/22/2017).



**URS**  
Dow Business Unit

Northeast Boundary Confirmation Sample Locations  
The Dow Chemical Company  
Michigan Operations  
Figure 2-1

Drawn: MDC	Checked: HAP	Approximate Scale: 1" = 700'
Date: 7 March 2014	Drawing File: Figure 2-1 Northeast Boundary Confirmation Sample Locations.mxd	



## **3.0 Project Implementation for 2014**

The third year of implementation focuses on the next grouping of properties that are within the closest distance from the Michigan Operations facility within the Midland Resolution Area. 2014 implementation will occur in up to four phases:

- Phase I ( sampling began in Fall 2013);
- Phase IA (planned for as soon as possible);
- Phase II (planned for Spring 2014); and
- Phase III boundary confirmation (Spring/Summer 2014 if required)

Phase I, IA and II are depicted on Figures 3-1, 2-2 and 3-2, respectively. A Phase III work plan will be developed and submitted to DEQ for review and approval, if necessary, as described in Section 4.3. The 2014 Phase II (Spring 2014) property program will follow the proposed recommendations described in Section 4.0 upon approval of the plan by the MDEQ. The following sections describe the objectives of the 2014 implementation efforts and provide details on the 2014 Phase II implementation plan.

### ***3.1 Objectives for 2014***

The following objectives guided the development of the 2014 work plan:

- Areas most likely to need remedy are prioritized;
- All remedies are completed during the same season as when owner is notified of their result;
- The time between remedy decision and remedy completion is minimized; and
- As remedy can only be effectively completed during the construction season, backlog must be managed to prevent down (or “lost”) time.

### **3.2 2014 Phase I**

2014 Phase I implementation began in September 2013. These efforts were proposed to MDEQ in a letter submitted via email on September 19, 2013. MDEQ provided a partial approval on September 25, 2013, with their final approval with modifications of the 2013 Additional Work on October 14, 2013. The proposed property-specific sampling increment maps for 2014 Phase I were submitted at the time of the request to begin this phase in 2013. These maps will not be resubmitted as part of this report. A number of increment locations were manually adjusted in response to both field conditions during sampling and MDEQ review. The finalized maps will be provided in the 2014 Implementation Annual Report.

2014 Phase I encompasses the areas described below, including a total of 328 properties and encompassing an area of approximately 163 acres of property that is in residential (97 acres) or residential-like (60 acres) use. Roughly 6 acres in this area are in non-residential use. The aerial extent of the 2014 Phase I implementation area to the north and northwest of the Midland Facility is:

- Bound to the north by Eastlawn St.
- Bound to the west Wisconsin St.
- Bound to the east by Swede St.
- Bound to the south by E. Haley St.

The aerial extent of the 2014 Phase I implementation area to the north and northeast of Michigan Operations is:

- Bound to the north by Nelson St. and Rodd St.
- Bound to the west Rodd St.
- Bound to the east by George St. and Jefferson Ave.
- Bound to the south by Ellsworth St.

The aerial extent of the 2014 Phase I implementation area to the east of Michigan Operations is:

- Bound to the north by James Savage Rd.
- Bound to the west by Dick St.
- Bound to the east by Waldo Ave.
- Bound to the south by Schuette Rd.

Table 3-1 presents the properties included in the 2014 Phase I Implementation activities. These areas are also shown with more detail on Figures 3-3 and 3-4.

### ***3.2.1 Sampling Plans***

The following sections present the specific details for those Decision Units (DUs) in the area described above. The preliminary sampling information for each of these properties is provided in Table 3-1, including property size and the number of increments. The planned increment sample locations maps for each individual DU were submitted to MDEQ on September 19, 2013. There are three non-residential properties with wooded areas present (Parcels 14-23-30-286, 14-23-30-320, and 14-23-30-328). These properties are not scheduled for sampling but the properties will have land use monitoring as required by Section 7.6.3 of the work plan.

#### ***3.2.1.1 Residential DUs < 1 Acre***

There are 378 DUs in the 2014 Phase I Area that are less than one (1) acre in size. Of these, there are 279 DUs that are  $\frac{1}{4}$ -acre or smaller, where ten (10) increments will be collected. There are 99 DUs remaining that are greater than  $\frac{1}{4}$ -acre, where twenty (20) increments will be collected, as listed in Table 3-1.

#### ***3.2.1.2 Residential DUs > 1 Acre***

There are 18 Residential DU in the 2014 Phase I Area that are greater in size than one (1) acre. Samples will be obtained using thirty (30) increments.

The following 12 parcels are part of parks or large open grassy areas. Four (4) are zoned COM (Community) and 8 are zoned RA4 (Residential):

- 14-16-20-584E
- 14-16-20-584G
- 14-16-20-584H
- 14-16-20-584I
- 14-16-20-584K
- 14-16-30-200A
- 14-16-30-200B
- 14-16-30-200L
- 14-23-30-094A
- 14-23-30-094C
- 14-23-30-094E
- 14-23-30-094H

Six (6) DUs are associated with ball fields and zoned RA4 (Residential):

- 14-16-30-200C
- 14-16-30-200M
- 14-23-20-010A
- 14-23-20-010B
- 14-23-20-010C
- 14-23-20-010F

### ***3.2.1.3 Non-Residential DUs***

In the 2014 Phase I Area, there were 5 non-residential properties which were not sampled during this portion of the project. Three wooded properties be addressed under the Monitoring Program (Section 7.6.3 of the Work Plan), and the remaining 2 properties will be sampled during 2014 Phase II program in conjunction with the non-residential sampling described in Section 2.3.1. These properties are listed in Table 3-1. The land use of these non-residential properties

generally appears to be as follows:

- 1 healthcare office;
- 1 dining establishment; and
- 3 wooded properties.

The undeveloped wooded properties are not currently being used as a residence, nor are they residential-like in nature; therefore, they are included in the Monitoring Program (Section 7.6.3 of the Work Plan).

#### **3.2.1.4 Status Summary**

Of the 396 DUs included in the 2014 Phase I Area, 379 property owners granted access to their properties for sampling. Of these 379 properties, sampling has been completed at 362 properties. The property owners of the remaining 17 properties granted access to their properties for sampling but sampling activities were deferred until the spring due to weather conditions (see Table 3-1). A total of five (5) property owners declined access and 12 property owners have not responded to date.

### **3.3 Phase IA Sampling Plans**

This property will be sampled during March of 2014. The preliminary sampling information is provided in Table 3-2, including property size and the number of increments. Attachment A presents drawings showing the planned increment sample locations for each individual DU.

### **3.4 2014 Phase II**

2014 Phase II includes non-residential properties, as described previously in Section 2.3.1, within the Midland Resolution Area totaling 52 non-residential properties covering approximately 36 acres. These non-residential properties are spread throughout the Midland Resolution Area.

Table 3-3 presents the properties included in the 2014 Phase II Implementation activities. This area is also shown on Figure 3-5.

### **3.4.1 Sampling Plans**

The following sections present the specific details for those DUs in the area described above. These DUs will be sampled during the 2014 Phase II sampling implementation. The preliminary sampling information is provided in Table 3-3, including property size and the number of increments. Attachment B presents drawings showing the planned increment sample locations for each individual DU.

#### **3.4.1.1 Non-Residential DUs**

All of the properties that will be sampled in the 2014 Phase II implementation are non-residential properties. These properties are listed in Table 3-3.

These properties are not currently identified as being used as a residence, nor are they necessarily residential-like in nature; however, they are adjacent to contiguous residential areas being largely surrounded by or located within larger predominantly residential land-use areas. Long term land use for some of these properties could reasonably be residential use. The properties were evaluated for the area available for sampling (e.g. lawns, outlaws or other open areas with grass, light brush or gravel cover). Based on these areas, the properties were broken down into categories for the number of increments that could feasibly be collected at each parcel.

### **3.4.1.2 Non-Residential DUs < 1 Acre**

There are 45 DUs in the 2014 Phase II Area that are less than one (1) acre in size. Of these, there are 37 DUs that are  $\frac{1}{4}$ -acre or smaller, where ten (10) increments will be collected. There are 8 DUs remaining that are greater than  $\frac{1}{4}$ -acre, where twenty (20) increments will be collected, as listed in Table 3-3. Drawings showing the planned increment sample locations for each of the DUs are included in Attachment B.

### **3.4.1.3 Non-Residential DUs > 1 Acre**

There are 7 DUs in the 2014 Phase II Area that are both greater in size than one (1) acre and have greater than one (1) acre in available sampling space. Five (5) of these DUs are large open grassy areas. One (1) is a large gravel parking lot. One (1) is a mowed grassy area in front of a building. Samples will be obtained using thirty (30 increments) from each area.

## **3.5 Land Use Monitoring of All Relevant Properties**

The properties identified for land use monitoring for the 2012 and 2013 implementation activities, along with the rationale for including the property for monitoring, are presented on Table 3-4. Land use monitoring activities in 2014 will include a review of tax records to verify that property ownership and land use has not changed. Where necessary, a drive-by confirmation will be performed.

**Table 3-1**  
**2014 Phase I Property Information, Implementation Plan**  
**Fall 2013**

Property Address	Property Zip	Owner Address	Owner City	Owner State	Owner Zip	Zoning	Property ID Number	Total Property Acreage	Available Acreage for Sampling (Total acreage - Permanent Structures)	# of Increments	Does Property Contain Woodland Areas of >7,200 sq ft in size (Y/N)	Land Use (Residential / Non- Residential)
<b>North of Facility</b>												
2313 SWEDE AVE	48642	2313 SWEDE AVE	MIDLAND	MI	48642-5741	RA3	14-15-30-002	0.25	0.24	10	N	Residential
1614 EASTLAWN DR	48642	1614 EASTLAWN DR	MIDLAND	MI	48642-5708	RA3	14-15-30-004	0.21	0.16	10	N	Residential
1610 EASTLAWN DR	48642	1610 EASTLAWN DR	MIDLAND	MI	48642-5779	RA3	14-15-30-006	0.22	0.16	10	N	Residential
1604 EASTLAWN DR	48642	1604 EASTLAWN DR	MIDLAND	MI	48642-5708	RA3	14-15-30-008	0.22	0.17	10	N	Residential
1600 EASTLAWN DR	48642	1600 EASTLAWN DR	MIDLAND	MI	48642-5708	RA3	14-15-30-010	0.19	0.14	10	N	Residential
1514 EASTLAWN DR	48642	1514 EASTLAWN DR	MIDLAND	MI	48642	RA3	14-15-30-012	0.26	0.18	10	N	Residential
1508 EASTLAWN DR	48642	1508 EASTLAWN DR	MIDLAND	MI	48642	RA3	14-15-30-014	0.19	0.13	10	N	Residential
1504 EASTLAWN DR	48642	1504 EASTLAWN DR	MIDLAND	MI	48642-5708	RA3	14-15-30-016	0.21	0.15	10	N	Residential
1500 EASTLAWN DR	48642	PO BOX 2212	MIDLAND	MI	48641-2212	RA3	14-15-30-018	0.21	0.17	10	N	Residential
1418 EASTLAWN DR	48642	1418 EASTLAWN DR	MIDLAND	MI	48642-5708	RA3	14-15-30-020	0.22	0.18	10	N	Residential
1414 EASTLAWN DR	48642	1414 EASTLAWN DR	MIDLAND	MI	48642-5708	RA3	14-15-30-022	0.23	0.18	10	N	Residential
1408 EASTLAWN DR	48642	1408 EASTLAWN DR	MIDLAND	MI	48642-5708	RA3	14-15-30-024	0.21	0.16	10	N	Residential
1400 EASTLAWN DR	48642	1400 EASTLAWN DR	MIDLAND	MI	48642-5708	RA3	14-15-30-026	0.24	0.19	10	N	Residential
1318 EASTLAWN DR	48642	1318 EASTLAWN DR	MIDLAND	MI	48642-5708	RA3	14-15-30-028	0.26	0.22	10	N	Residential
1314 EASTLAWN DR	48642	1314 EASTLAWN DR	MIDLAND	MI	48642	RA3	14-15-30-030	0.19	0.16	10	N	Residential
1310 EASTLAWN DR	48642	1310 EASTLAWN DR	MIDLAND	MI	48642-5708	RA3	14-15-30-032	0.19	0.12	10	N	Residential
2316 CAROLINA ST	48642	2604 MANOR DR	MIDLAND	MI	48640	RA3	14-15-30-034	0.23	0.23	10	N	Residential
2312 CAROLINA ST	48642	2312 CAROLINA ST	MIDLAND	MI	48642-5706	RA3	14-15-30-036	0.21	0.18	10	N	Residential
2302 CAROLINA ST	48642	2302 CAROLINA ST	MIDLAND	MI	48642	RA3	14-15-30-038	0.22	0.21	10	N	Residential
1305 OHIO ST	48642	1305 OHIO ST	MIDLAND	MI	48642	RA3	14-15-30-040	0.19	0.16	10	N	Residential
1309 OHIO ST	48642	1309 OHIO ST	MIDLAND	MI	48642	RA3	14-15-30-042	0.19	0.15	10	N	Residential
1313 OHIO ST	48642	1313 OHIO ST	MIDLAND	MI	48642-5715	RA3	14-15-30-044	0.19	0.14	10	N	Residential
1317 OHIO ST	48642	2325 ROCKWELL DR APT 117	MIDLAND	MI	48642-9326	RA3	14-15-30-046	0.19	0.14	10	N	Residential
1401 OHIO ST	48642	1401 OHIO ST	MIDLAND	MI	48642-5717	RA3	14-15-30-048	0.19	0.14	10	N	Residential
1405 OHIO ST	48642	1405 OHIO ST	MIDLAND	MI	48642	RA3	14-15-30-050	0.19	0.13	10	N	Residential
1409 OHIO ST	48642	1409 OHIO ST	MIDLAND	MI	48642-5717	RA3	14-15-30-052	0.19	0.14	10	N	Residential
1413 OHIO ST	48642	1413 OHIO ST	MIDLAND	MI	48642	RA3	14-15-30-054	0.21	0.16	10	N	Residential
1417 OHIO ST	48642	1417 OHIO ST	MIDLAND	MI	48642-5717	RA3	14-15-30-056	0.18	0.13	10	N	Residential
1501 OHIO ST	48642	1501 OHIO ST	MIDLAND	MI	48642	RA3	14-15-30-058	0.20	0.15	10	N	Residential
1505 OHIO ST	48642	1505 OHIO ST	MIDLAND	MI	48642-5717	RA3	14-15-30-060	0.20	0.15	10	N	Residential
1509 OHIO ST	48642	1509 OHIO ST	MIDLAND	MI	48642	RA3	14-15-30-062	0.20	0.16	10	N	Residential
1513 OHIO ST	48642	1513 OHIO ST	MIDLAND	MI	48642	RA3	14-15-30-064	0.20	0.17	10	N	Residential
1517 OHIO ST	48642	1517 OHIO ST	MIDLAND	MI	48642-5717	RA3	14-15-30-066	0.19	0.14	10	N	Residential
1601 OHIO ST	48642	1601 OHIO ST	MIDLAND	MI	48642-5757	RA3	14-15-30-068	0.19	0.15	10	N	Residential
1605 OHIO ST	48642	1605 OHIO ST	MIDLAND	MI	48642	RA3	14-15-30-070	0.19	0.12	10	N	Residential
1609 OHIO ST	48642	1609 OHIO ST	MIDLAND	MI	48642	RA3	14-15-30-072	0.19	0.15	10	N	Residential
1613 OHIO ST	48642	1613 OHIO ST	MIDLAND	MI	48642-5757	RA3	14-15-30-074	0.19	0.15	10	N	Residential
1617 OHIO ST	48642	1617 OHIO ST	MIDLAND	MI	48642	RA3	14-15-30-076	0.20	0.21	10	N	Residential
1618 OHIO ST	48642	1618 OHIO ST	MIDLAND	MI	48642-5718	RA3	14-15-30-080	0.19	0.21	10	N	Residential
1614 OHIO ST	48642	912 SHOAL DR	SAN MATEO	CA	94404-1511	RA3	14-15-30-082	0.18	0.17	10	N	Residential
2218 TENNESSEE ST	48642	PO BOX 421	MACKINAW CITY	MI	49701-0421	RA3	14-15-30-084	0.19	0.16	10	N	Residential

**Table 3-1**  
**2014 Phase I Property Information, Implementation Plan**  
**Fall 2013**

Property Address	Property Zip	Owner Address	Owner City	Owner State	Owner Zip	Zoning	Property ID Number	Total Property Acreage	Available Acreage for Sampling (Total acreage - Permanent Structures)	# of Increments	Does Property Contain Woodland Areas of >7,200 sq ft in size (Y/N)	Land Use (Residential / Non- Residential)
2214 TENNESSEE ST	48642	2214 TENNESSEE ST	MIDLAND	MI	48642	RA3	14-15-30-086	0.17	0.10	10	N	Residential
2210 TENNESSEE ST	48642	2210 TENNESSEE ST	MIDLAND	MI	48642	RA3	14-15-30-088	0.17	0.13	10	N	Residential
2206 TENNESSEE ST	48642	2206 TENNESSEE ST	MIDLAND	MI	48642-5720	RA3	14-15-30-090	0.17	0.10	10	N	Residential
2202 TENNESSEE ST	48642	150 HICKORY RIDGE DR	MIDLAND	MI	48642	RA3	14-15-30-092	0.17	0.10	10	N	Residential
2118 TENNESSEE ST	48642	2118 TENNESSEE ST	MIDLAND	MI	48642-5720	RA3	14-15-30-094	0.17	0.15	10	N	Residential
2114 TENNESSEE ST	48642	2114 TENNESSEE ST	MIDLAND	MI	48642-5720	RA3	14-15-30-096	0.17	0.12	10	N	Residential
2110 TENNESSEE ST	48642	2110 TENNESSEE ST	MIDLAND	MI	48642-5720	RA3	14-15-30-098	0.17	0.09	10	N	Residential
2106 TENNESSEE ST	48642	PO BOX 655	NORTHPORT	MI	49670	RA3	14-15-30-100	0.17	0.13	10	N	Residential
2102 TENNESSEE ST	48642	4403 HANCOCK	MIDLAND	MI	48640	RA3	14-15-30-102	0.19	0.17	10	N	Residential
1617 MARYLAND ST	48642	220 W MAIN ST	MIDLAND	MI	48640	RA3	14-15-30-104	0.19	0.19	10	N	Residential
2109 SWEDE AVE	48642	2109 SWEDE AVE	MIDLAND	MI	48642-5740	RA3	14-15-30-106A	0.16	0.07	10	N	Residential
2109 SWEDE AVE	48642	2109 SWEDE AVE	MIDLAND	MI	48642-5740	RA3	14-15-30-106B	0.17	0.19	10	N	Residential
2115 SWEDE AVE	48642	2115 SWEDE AVE	MIDLAND	MI	48642	RA3	14-15-30-110	0.17	0.15	10	N	Residential
2121 SWEDE AVE	48642	2121 SWEDE AVE	MIDLAND	MI	48642	RA3	14-15-30-112	0.17	0.10	10	N	Residential
2201 SWEDE AVE	48642	2201 SWEDE AVE	MIDLAND	MI	48642	RA3	14-15-30-114	0.25	0.21	10	N	Residential
2209 SWEDE AVE	48642	602 E ASHMAN ST	MIDLAND	MI	48642	RA3	14-15-30-120	0.25	0.20	10	N	Residential
1510 OHIO ST	48642	1510 OHIO ST	MIDLAND	MI	48642	RA3	14-15-30-124	0.19	0.15	10	N	Residential
1506 OHIO ST	48642	BOX 12480	ATLANTA	MI	49709	RA3	14-15-30-126	0.19	0.14	10	N	Residential
1502 OHIO ST	48642	1502 OHIO ST	MIDLAND	MI	48642	RA3	14-15-30-128	0.18	0.14	10	N	Residential
1418 OHIO ST	48642	1418 OHIO ST	MIDLAND	MI	48642	RA3	14-15-30-130	0.18	0.14	10	N	Residential
1414 OHIO ST	48642	1414 OHIO ST	MIDLAND	MI	48642-3806	RA3	14-15-30-132	0.19	0.16	10	N	Residential
1410 OHIO ST	48642	1410 OHIO ST	MIDLAND	MI	48642	RA3	14-15-30-134	0.19	0.16	10	N	Residential
2220 KENTUCKY ST	48642	2220 KENTUCKY ST	MIDLAND	MI	48642-5710	RA3	14-15-30-136	0.19	0.19	10	N	Residential
2216 KENTUCKY ST	48642	2216 KENTUCKY ST	MIDLAND	MI	48642-5710	RA3	14-15-30-138	0.17	0.13	10	N	Residential
2212 KENTUCKY ST	48642	2212 KENTUCKY ST	MIDLAND	MI	48642	RA3	14-15-30-140	0.17	0.13	10	N	Residential
2210 KENTUCKY ST	48642	2210 KENTUCKY ST	MIDLAND	MI	48642-5710	RA3	14-15-30-142	0.17	0.11	10	N	Residential
2202 KENTUCKY ST	48642	2202 KENTUCKY ST	MIDLAND	MI	48642-5710	RA3	14-15-30-144	0.15	0.08	10	N	Residential
2118 KENTUCKY ST	48642	2118 KENTUCKY ST	MIDLAND	MI	48642-5710	RA3	14-15-30-146	0.15	0.08	10	N	Residential
2114 KENTUCKY ST	48642	2114 KENTUCKY ST	MIDLAND	MI	48642	RA3	14-15-30-148	0.17	0.11	10	N	Residential
2110 KENTUCKY ST	48642	2110 KENTUCKY ST	MIDLAND	MI	48642-5710	RA3	14-15-30-150	0.17	0.09	10	N	Residential
2106 KENTUCKY ST	48642	2106 KENTUCKY ST	MIDLAND	MI	48642	RA3	14-15-30-152	0.17	0.11	10	N	Residential
1407 MARYLAND ST	48642	1407 MARYLAND ST	MIDLAND	MI	48642-5713	RA3	14-15-30-154	0.19	0.19	10	N	Residential
1411 MARYLAND ST	48642	1411 MARYLAND ST	MIDLAND	MI	48642-5713	RA3	14-15-30-156	0.19	0.12	10	N	Residential
1415 MARYLAND ST	48642	1415 MARYLAND ST	MIDLAND	MI	48642	RA3	14-15-30-158	0.19	0.14	10	N	Residential
1417 MARYLAND ST	48642	1417 MARYLAND ST	MIDLAND	MI	48642-5713	RA3	14-15-30-160	0.18	0.14	10	N	Residential
1501 MARYLAND ST	48642	1501 MARYLAND ST	MIDLAND	MI	48642-5713	RA3	14-15-30-162	0.18	0.13	10	N	Residential
1507 MARYLAND ST	48642	1507 MARYLAND ST	MIDLAND	MI	48642	RA3	14-15-30-164	0.19	0.16	10	N	Residential
1519 MARYLAND ST	48642	2396 BOCK RD	SAGINAW	MI	48603	RA3	14-15-30-166	0.19	0.16	10	N	Residential
2101 TENNESSEE ST	48642	2101 TENNESSEE ST	MIDLAND	MI	48642	RA3	14-15-30-168	0.19	0.18	10	N	Residential
2105 TENNESSEE ST	48642	2105 TENNESSEE ST	MIDLAND	MI	48642-5719	RA3	14-15-30-170	0.17	0.09	10	N	Residential
2109 TENNESSEE ST	48642	2109 TENNESSEE ST	MIDLAND	MI	48642-5719	RA3	14-15-30-172	0.17	0.13	10	N	Residential
2113 TENNESSEE ST	48642	2113 TENNESSEE ST	MIDLAND	MI	48642	RA3	14-15-30-174	0.17	0.12	10	N	Residential

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Property Address	Property Zip	Owner Address	Owner City	Owner State	Owner Zip	Zoning	Property ID Number	Total Property Acreage	Available Acreage for Sampling (Total acreage - Permanent Structures)	# of Increments	Does Property Contain Woodland Areas of >7,200 sq ft in size (Y/N)	Land Use (Residential / Non- Residential)
2117 TENNESSEE ST	48642	2117 TENNESSEE ST	MIDLAND	MI	48642-5719	RA3	14-15-30-176	0.15	0.10	10	N	Residential
1421 MARYLAND ST	48642	P O BOX 1647	MIDLAND	MI	48641-1647	RA3	14-15-30-180A	0.90	0.90	20	N	Residential
1421 MARYLAND ST	48642	P O BOX 1647	MIDLAND	MI	48641-1647	RA3	14-15-30-180B	0.90	0.90	20	N	Residential
1421 MARYLAND ST	48642	P O BOX 1647	MIDLAND	MI	48641-1647	RA3	14-15-30-180C	0.96	0.96	20	N	Residential
1421 MARYLAND ST	48642	P O BOX 1647	MIDLAND	MI	48641-1647	RA3	14-15-30-180D	0.90	0.90	20	N	Residential
1421 MARYLAND ST	48642	P O BOX 1647	MIDLAND	MI	48641-1647	RA3	14-15-30-180E	0.04	0.04	10	N	Residential
2201 TENNESSEE ST	48642	1206 CORRINNE ST	MIDLAND	MI	48642-6124	RA3	14-15-30-184	0.15	0.11	10	N	Residential
2205 TENNESSEE ST	48642	47640 EDINBOROUGH	NOVI	MI	48374	RA3	14-15-30-186	0.17	0.15	10	N	Residential
2209 TENNESSEE ST	48642	2209 TENNESSEE ST	MIDLAND	MI	48642	RA3	14-15-30-188	0.17	0.14	10	N	Residential
2213 TENNESSEE ST	48642	2213 TENNESSEE ST	MIDLAND	MI	48642-5719	RA3	14-15-30-190	0.17	0.12	10	N	Residential
2217 TENNESSEE ST	48642	2217 TENNESSEE ST	MIDLAND	MI	48642	RA3	14-15-30-192	0.19	0.18	10	N	Residential
1314 OHIO ST	48642	1314 OHIO ST	MIDLAND	MI	48642-5716	RA3	14-15-30-194	0.18	0.16	10	N	Residential
1310 OHIO ST	48642	1310 OHIO ST	MIDLAND	MI	48642-5716	RA3	14-15-30-196	0.18	0.12	10	N	Residential
1306 OHIO ST	48642	1306 OHIO ST	MIDLAND	MI	48642-5716	RA3	14-15-30-198	0.19	0.18	10	N	Residential
2214 CAROLINA ST	48642	2214 CAROLINA ST	MIDLAND	MI	48642-5705	RA3	14-15-30-200	0.17	0.12	10	N	Residential
2210 CAROLINA ST	48642	2210 CAROLINA ST	MIDLAND	MI	48642	RA3	14-15-30-202	0.17	0.13	10	N	Residential
2206 CAROLINA ST	48642	2206 CAROLINA ST	MIDLAND	MI	48642	RA3	14-15-30-204	0.17	0.11	10	N	Residential
2202 CAROLINA ST	48642	3310 JEFFERSON AVE	MIDLAND	MI	48640-3502	RA3	14-15-30-206	0.17	0.13	10	N	Residential
2118 CAROLINA ST	48642	2118 CAROLINA ST	MIDLAND	MI	48642	RA3	14-15-30-208	0.17	0.12	10	N	Residential
2114 CAROLINA ST	48642	2114 CAROLINA ST	MIDLAND	MI	48642-5705	RA3	14-15-30-210	0.17	0.11	10	N	Residential
2110 CAROLINA ST	48642	2110 CAROLINA ST	MIDLAND	MI	48642	RA3	14-15-30-212	0.17	0.12	10	N	Residential
2106 CAROLINA ST	48642	2106 CAROLINA ST	MIDLAND	MI	48642	RA3	14-15-30-214	0.17	0.09	10	N	Residential
1309 MARYLAND ST	48642	1309 MARYLAND ST	MIDLAND	MI	48642-5711	RA3	14-15-30-216	0.19	0.18	10	N	Residential
2101 KENTUCKY ST	48642	2101 KENTUCKY ST	MIDLAND	MI	48642-5709	RA3	14-15-30-218	0.19	0.15	10	N	Residential
2109 KENTUCKY ST	48642	602 W SALZBURG RD	AUBURN	MI	48611-9554	RA3	14-15-30-220	0.17	0.12	10	N	Residential
2113 KENTUCKY ST	48642	2113 KENTUCKY ST	MIDLAND	MI	48642-5709	RA3	14-15-30-222	0.17	0.09	10	N	Residential
2117 KENTUCKY ST	48642	2117 KENTUCKY ST	MIDLAND	MI	48642	RA3	14-15-30-224	0.17	0.08	10	N	Residential
2121 KENTUCKY ST	48642	2121 KENTUCKY ST	MIDLAND	MI	48642-5709	RA3	14-15-30-226	0.17	0.11	10	N	Residential
2203 KENTUCKY ST	48642	2203 KENTUCKY ST	MIDLAND	MI	48642	RA3	14-15-30-228	0.17	0.10	10	N	Residential
2207 KENTUCKY ST	48642	2207 KENTUCKY ST	MIDLAND	MI	48642	RA3	14-15-30-230	0.17	0.11	10	N	Residential
2211 KENTUCKY ST	48642	2211 KENTUCKY ST	MIDLAND	MI	48642-5709	RA3	14-15-30-232	0.17	0.10	10	N	Residential
2014 CAROLINA ST	48642	2014 CAROLINA ST	MIDLAND	MI	48642-5704	RA3	14-15-30-236	0.17	0.13	10	N	Residential
2010 CAROLINA ST	48642	2010 CAROLINA ST	MIDLAND	MI	48642-5704	RA3	14-15-30-238	0.17	0.11	10	N	Residential
2004 CAROLINA ST	48642	2156 KEWAUNEE CT	TRAVERSE CITY	MI	49686-2083	RA3	14-15-30-240	0.17	0.16	10	N	Residential
1307 E HALEY ST	48642	1307 E HALEY ST	MIDLAND	MI	48642	RA3	14-15-30-242	0.14	0.10	10	N	Residential
1309 E HALEY ST	48642	1309 E HALEY ST	MIDLAND	MI	48642	RA3	14-15-30-244	0.19	0.16	10	N	Residential
1317 E HALEY ST	48642	1317 E HALEY ST	MIDLAND	MI	48642-5728	RA3	14-15-30-246	0.17	0.12	10	N	Residential
1321 E HALEY ST	48642	1321 E HALEY ST	MIDLAND	MI	48642-5728	RA3	14-15-30-248	0.14	0.08	10	N	Residential
1401 E HALEY ST	48642	1401 E HALEY ST	MIDLAND	MI	48642	RA3	14-15-30-250	0.18	0.13	10	N	Residential
1407 E HALEY ST	48642	1407 E HALEY ST	MIDLAND	MI	48642	RA3	14-15-30-252	0.17	0.13	10	N	Residential
1409 E HALEY ST	48642	1409 E HALEY ST	MIDLAND	MI	48642	RA3	14-15-30-254	0.18	0.15	10	N	Residential
1415 E HALEY ST	48642	1415 E HALEY ST	MIDLAND	MI	48642-5728	RA3	14-15-30-256	0.18	0.15	10	N	Residential

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1419 E HALEY ST	48642	1419 E HALEY ST	MIDLAND	MI	48642-5728	RA3	14-15-30-258	0.18	0.12	10	N	Residential
1501 E HALEY ST	48642	1501 E HALEY ST	MIDLAND	MI	48642	RA3	14-15-30-260	0.20	0.14	10	N	Residential
1505 E HALEY ST	48642	2420 E GORDONVILLE RD	MIDLAND	MI	48640	RA3	14-15-30-262	0.18	0.10	10	N	Residential
1509 E HALEY ST	48642	1509 E HALEY ST	MIDLAND	MI	48642-5728	RA3	14-15-30-264	0.18	0.14	10	N	Residential
1513 E HALEY ST	48642	2205 BELAIRE ST	MIDLAND	MI	48642	RA3	14-15-30-266	0.18	0.10	10	N	Residential
1517 E HALEY ST	48642	1517 E HALEY ST	MIDLAND	MI	48642-5728	RA3	14-15-30-268	0.17	0.13	10	N	Residential
1601 E HALEY ST	48642	1601 E HALEY ST	MIDLAND	MI	48642	RA3	14-15-30-270	0.17	0.12	10	N	Residential
1605 E HALEY ST	48642	1605 E HALEY ST	MIDLAND	MI	48642	RA3	14-15-30-272	0.17	0.14	10	N	Residential
1609 E HALEY ST	48642	1609 E HALEY ST	MIDLAND	MI	48642-5744	RA3	14-15-30-274	0.17	0.08	10	N	Residential
1613 E HALEY ST	48642	1613 E HALEY ST	MIDLAND	MI	48642-5744	RA3	14-15-30-276	0.17	0.11	10	N	Residential
2003 SWEDE AVE	48642	2003 SWEDE AVE	MIDLAND	MI	48642-5739	RA3	14-15-30-278	0.17	0.15	10	N	Residential
2011 SWEDE AVE	48642	801 LINWOOD DR	MIDLAND	MI	48640-3449	RA3	14-15-30-280	0.17	0.13	10	N	Residential
1614 MARYLAND ST	48642	1614 MARYLAND ST	MIDLAND	MI	48642-5758	RA3	14-15-30-282	0.17	0.14	10	N	Residential
1610 MARYLAND ST	48642	5904 SUMMERSET DR	MIDLAND	MI	48640	RA3	14-15-30-284	0.17	0.11	10	N	Residential
1606 MARYLAND ST	48642	PO BOX 1823	MIDLAND	MI	48641	RA3	14-15-30-286	0.17	0.11	10	N	Residential
1602 MARYLAND ST	48642	1602 MARYLAND ST	MIDLAND	MI	48642-5758	RA3	14-15-30-288	0.17	0.11	10	N	Residential
1518 MARYLAND ST	48642	1518 MARYLAND ST	MIDLAND	MI	48642-5759	RA3	14-15-30-290	0.17	0.11	10	N	Residential
1514 MARYLAND ST	48642	PO BOX 2254	MIDLAND	MI	48641-2254	RA3	14-15-30-292	0.18	0.12	10	N	Residential
1510 MARYLAND ST	48642	1510 MARYLAND ST	MIDLAND	MI	48642	RA3	14-15-30-294	0.18	0.16	10	N	Residential
1506 MARYLAND ST	48642	1506 MARYLAND ST	MIDLAND	MI	48642	RA3	14-15-30-296	0.18	0.14	10	N	Residential
1502 MARYLAND ST	48642	1502 MARYLAND ST	MIDLAND	MI	48642-5759	RA3	14-15-30-298	0.20	0.16	10	N	Residential
1418 MARYLAND ST	48642	1418 MARYLAND ST	MIDLAND	MI	48642	RA3	14-15-30-300	0.18	0.14	10	N	Residential
1414 MARYLAND ST	48642	812 W SUGNET RD	MIDLAND	MI	48640	RA3	14-15-30-302	0.18	0.10	10	N	Residential
1410 MARYLAND ST	48642	1410 MARYLAND ST	MIDLAND	MI	48642-5759	RA3	14-15-30-304	0.18	0.11	10	N	Residential
1406 MARYLAND ST	48642	1406 MARYLAND ST	MIDLAND	MI	48642	RA3	14-15-30-306A	0.17	0.14	10	N	Residential
1406 MARYLAND ST	48642	1406 MARYLAND ST	MIDLAND	MI	48642	RA3	14-15-30-306B	0.17	0.17	10	N	Residential
1318 MARYLAND ST	48642	2363 WEADOCK HWY	ESSEXVILLE	MI	48732-9696	RA3	14-15-30-310	0.16	0.09	10	N	Residential
1314 MARYLAND ST	48642	3686 EAST HUBBARD	MIDLAND	MI	48642	RA3	14-15-30-312	0.17	0.12	10	N	Residential
1310 MARYLAND ST	48642	1310 MARYLAND ST	MIDLAND	MI	48642	RA3	14-15-30-314	0.17	0.12	10	N	Residential
2009 CAROLINA ST	48642	3791 HOLLAND DR	MIDLAND	MI	48642-6343	RA3	14-15-30-316	0.18	0.14	10	N	Residential
2013 CAROLINA ST	48642	2013 CAROLINA ST	MIDLAND	MI	48640	RA3	14-15-30-318	0.18	0.14	10	N	Residential
2017 CAROLINA ST	48642	2017 CAROLINA ST	MIDLAND	MI	48642	RA3	14-15-30-320	0.18	0.16	10	N	Residential
2103 CAROLINA ST	48642	2103 CAROLINA ST	MIDLAND	MI	48642-5753	RA3	14-15-30-322	0.18	0.13	10	N	Residential
2107 CAROLINA ST	48642	2107 CAROLINA ST	MIDLAND	MI	48642-5753	RA3	14-15-30-324	0.18	0.13	10	N	Residential
2111 CAROLINA ST	48642	2111 CAROLINA ST	MIDLAND	MI	48642	RA3	14-15-30-326	0.18	0.12	10	N	Residential
2115 CAROLINA ST	48642	1476 BEE CT	TRAVERSE CITY	MI	49686	RA3	14-15-30-328	0.18	0.17	10	N	Residential
2119 CAROLINA ST	48642	2119 CAROLINA ST	MIDLAND	MI	48642	RA3	14-15-30-330	0.18	0.14	10	N	Residential
2201 CAROLINA ST	48642	PO BOX 2453	MIDLAND	MI	48641	RA3	14-15-30-332	0.18	0.14	10	N	Residential
2205 CAROLINA ST	48642	2205 CAROLINA ST	MIDLAND	MI	48642-5753	RA3	14-15-30-334	0.18	0.17	10	N	Residential
2209 CAROLINA ST	48642	2209 CAROLINA ST	MIDLAND	MI	48642	RA3	14-15-30-336	0.18	0.15	10	N	Residential
2213 CAROLINA ST	48642	2213 CAROLINA ST	MIDLAND	MI	48642	RA3	14-15-30-338	0.18	0.15	10	N	Residential
2217 CAROLINA ST	48642	5509 DRAKE ST	MIDLAND	MI	48640-2411	RA3	14-15-30-340	0.20	0.17	10	N	Residential

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2221 CAROLINA ST	48642	2221 CAROLINA ST	MIDLAND	MI	48642	RA3	14-15-30-342	0.20	0.15	10	N	Residential
2303 CAROLINA ST	48642	131 POWELL CIR W	BIG LAKE	MN	55309	RA3	14-15-30-344	0.18	0.14	10	N	Residential
2307 CAROLINA ST	48642	2307 CAROLINA ST	MIDLAND	MI	48642	RA3	14-15-30-346	0.18	0.16	10	N	Residential
2311 CAROLINA ST	48642	2311 CAROLINA ST	MIDLAND	MI	48642-5752	RA3	14-15-30-348	0.18	0.14	10	N	Residential
2315 CAROLINA ST	48642	2315 CAROLINA ST	MIDLAND	MI	48642-5752	RA3	14-15-30-350	0.22	0.23	10	N	Residential
2316 VIRGINIA ST	48642	2316 VIRGINIA ST	MIDLAND	MI	48642-5722	RA3	14-15-30-352	0.22	0.22	10	N	Residential
2312 VIRGINIA ST	48642	2312 VIRGINIA ST	MIDLAND	MI	48642-5722	RA3	14-15-30-354	0.19	0.15	10	N	Residential
2308 VIRGINIA ST	48642	2308 VIRGINIA ST	MIDLAND	MI	48642	RA3	14-15-30-356	0.18	0.14	10	N	Residential
2306 VIRGINIA ST	48642	2306 VIRGINIA ST	MIDLAND	MI	48642-5722	RA3	14-15-30-358	0.18	0.15	10	N	Residential
2302 VIRGINIA ST	48642	3471 E GREYSTONE PL	MIDLAND	MI	48642-7261	RA3	14-15-30-360	0.20	0.14	10	N	Residential
2218 VIRGINIA ST	48642	2218 VIRGINIA ST	MIDLAND	MI	48642-5722	RA3	14-15-30-362	0.20	0.16	10	N	Residential
2214 VIRGINIA ST	48642	2214 VIRGINIA ST	MIDLAND	MI	48642	RA3	14-15-30-364	0.18	0.14	10	N	Residential
2212 VIRGINIA ST	48642	2904 LAMBROS DR	MIDLAND	MI	48642-6703	RA3	14-15-30-366	0.18	0.13	10	N	Residential
2206 VIRGINIA ST	48642	1508 WINDSONG CT	CLARKSVILLE	TN	37043	RA3	14-15-30-368	0.18	0.15	10	N	Residential
2204 VIRGINIA ST	48642	5601 DRAKE ST	MIDLAND	MI	48640	RA3	14-15-30-370	0.18	0.13	10	N	Residential
2120 VIRGINIA ST	48642	2120 VIRGINIA ST	MIDLAND	MI	48642-5722	RA3	14-15-30-372	0.18	0.15	10	N	Residential
2114 VIRGINIA ST	48642	2114 VIRGINIA ST	MIDLAND	MI	48642-5722	RA3	14-15-30-374	0.18	0.15	10	N	Residential
2112 VIRGINIA ST	48642	2112 VIRGINIA ST	MIDLAND	MI	48642	RA3	14-15-30-376	0.18	0.11	10	N	Residential
2106 VIRGINIA ST	48642	2400 N NINE MILE RD	SANFORD	MI	48657-9658	RA3	14-15-30-378	0.18	0.16	10	N	Residential
2102 VIRGINIA ST	48642	2102 VIRGINIA ST	MIDLAND	MI	48642-5722	RA3	14-15-30-380	0.18	0.13	10	N	Residential
2020 VIRGINIA ST	48642	3310 JEFERSON AVE	MIDLAND	MI	48640	RA3	14-15-30-382	0.18	0.18	10	N	Residential
2014 VIRGINIA ST	48642	2014 VIRGINIA ST	MIDLAND	MI	48642	RA3	14-15-30-384	0.18	0.17	10	N	Residential
2010 VIRGINIA ST	48642	PO BOX 2212	MIDLAND	MI	48641-2212	RA3	14-15-30-386	0.18	0.15	10	N	Residential
2004 VIRGINIA ST	48642	1678 E ROBERT RD	MIDLAND	MI	48640	RA3	14-15-30-388	0.19	0.20	10	N	Residential
1205 E HALEY ST	48642	1205 E HALEY ST	MIDLAND	MI	48642	RA3	14-15-30-390	0.17	0.13	10	N	Residential
1209 E HALEY ST	48642	1209 E HALEY ST	MIDLAND	MI	48642	RA3	14-15-30-392	0.17	0.13	10	N	Residential
1213 E HALEY ST	48642	2355 MIDLAND RD	MIDLAND	MI	48642	RA3	14-15-30-394	0.19	0.18	10	N	Residential
1125 E HALEY ST	48642	1125 E HALEY ST	MIDLAND	MI	48642	RA3	14-15-30-400	0.25	0.23	10	N	Residential
1129 E HALEY ST	48642	1129 E HALEY ST	MIDLAND	MI	48642	RA3	14-15-30-402	0.19	0.23	10	N	Residential
2009 VIRGINIA ST	48642	PO BOX 2212	MIDLAND	MI	48641-2212	RA3	14-15-30-404	0.18	0.19	10	N	Residential
2013 VIRGINIA ST	48642	189 AZALEA POINT DR S	PONTE VEDRA BEACH	FL	32082	RA3	14-15-30-406	0.28	0.28	20	N	Residential
2103 VIRGINIA ST	48642	2103 VIRGINIA ST	MIDLAND	MI	48642	RA3	14-15-30-410	0.29	0.19	10	N	Residential
2107 VIRGINIA ST	48642	2107 VIRGINIA ST	MIDLAND	MI	48642-5721	RA3	14-15-30-414	0.18	0.16	10	N	Residential
2115 VIRGINIA ST	48642	P O BOX 1647	MIDLAND	MI	48641-1647	RA3	14-15-30-416A	0.11	0.11	10	N	Residential
2115 VIRGINIA ST	48642	P O BOX 1647	MIDLAND	MI	48641-1647	RA3	14-15-30-416B	0.81	0.81	20	N	Residential
2207 VIRGINIA ST	48642	463 N 9 MILE RD	MIDLAND	MI	48640-7836	RA3	14-15-30-424	0.18	0.16	10	N	Residential
2209 VIRGINIA ST	48642	2209 VIRGINIA ST	MIDLAND	MI	48642	RA3	14-15-30-426	0.18	0.17	10	N	Residential
2215 VIRGINIA ST	48642	1819 E AIRPORT RD	MIDLAND	MI	48642	RA3	14-15-30-428	0.18	0.17	10	N	Residential
2217 VIRGINIA ST	48642	31440 NORTHWESTERN HIGHWAY STE 200	FARMINGTON	MI	48334-2525	RA3	14-15-30-430	0.20	0.19	10	N	Residential
2301 VIRGINIA ST	48642	2301 VIRGINIA ST	MIDLAND	MI	48642-5721	RA3	14-15-30-432	0.20	0.15	10	N	Residential
2305 VIRGINIA ST	48642	2305 VIRGINIA ST	MIDLAND	MI	48642-5721	RA3	14-15-30-434	0.18	0.14	10	N	Residential
2307 VIRGINIA ST	48642	2307 VIRGINIA ST	MIDLAND	MI	48642-5721	RA3	14-15-30-436	0.18	0.12	10	N	Residential

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Property Address	Property Zip	Owner Address	Owner City	Owner State	Owner Zip	Zoning	Property ID Number	Total Property Acreage	Available Acreage for Sampling (Total acreage - Permanent Structures)	# of Increments	Does Property Contain Woodland Areas of >7,200 sq ft in size (Y/N)	Land Use (Residential / Non- Residential)
2311 VIRGINIA ST	48642	PO BOX 2212	MIDLAND	MI	48641-2212	RA3	14-15-30-438	0.20	0.18	10	N	Residential
2315 VIRGINIA ST	48642	2315 VIRGINIA ST	MIDLAND	MI	48642	RA3	14-15-30-440	0.20	0.24	10	N	Residential
1024 EASTLAWN DR	48642	P O BOX 1244	MIDLAND	MI	48641-1244	RB	14-15-30-444A	0.90	0.66	20	N	Residential
1024 EASTLAWN DR	48642	P O BOX 1244	MIDLAND	MI	48641-1244	RB	14-15-30-444B	0.60	0.34	20	N	Residential
1010 EASTLAWN DR	48642	2161 COMMONS	OKEMOS	MI	48864	RB	14-15-30-450A & 14-15-30-496	0.31	0.31	20	N	Residential
1000 EASTLAWN DR	48642	4315 PLEASANT GROVE ROAD	LANSING	MI	48910	OS	14-15-30-450A & 14-15-30-496	0.03	0.03	Combined with 14-15-30-450A	N	Residential
1010 EASTLAWN DR	48642	2161 COMMONS	OKEMOS	MI	48864	RB	14-15-30-450B	1.50	0.51	20	N	Residential
1010 EASTLAWN DR	48642	2161 COMMONS	OKEMOS	MI	48864	RB	14-15-30-450C	0.27	0.27	20	N	Residential
910 EASTLAWN DR	48642	910 EASTLAWN DR	MIDLAND	MI	48642-5707	OS	14-15-30-498	0.19	0.19	0	N	Non-Residential
2008 WISCONSIN ST	48642	1515 S FEDERAL HWY, STE 300	BOCA RATON	FL	33432	OS	14-15-30-518A	0.44	0.34	20	N	Residential
2008 WISCONSIN ST	48642	1515 S FEDERAL HWY, STE 300	BOCA RATON	FL	33432	OS	14-15-30-518B	0.46	0.34	20	N	Residential
2008 WISCONSIN ST	48642	1515 S FEDERAL HWY, STE 300	BOCA RATON	FL	33432	OS	14-15-30-518C	0.52	0.46	20	N	Residential
2008 WISCONSIN ST	48642	1515 S FEDERAL HWY, STE 300	BOCA RATON	FL	33432	OS	14-15-30-518D	0.69	0.50	20	N	Residential
2008 WISCONSIN ST	48642	1515 S FEDERAL HWY, STE 300	BOCA RATON	FL	33432	OS	14-15-30-518E	0.91	0.77	20	N	Residential
2008 WISCONSIN ST	48642	1515 S FEDERAL HWY, STE 300	BOCA RATON	FL	33432	OS	14-15-30-518F	0.60	0.51	20	N	Residential
2410 RODD ST	48640	2410 RODD ST	MIDLAND	MI	48640-5474	RB	14-16-20-480A	3.29	0.92	20	N	Residential
2410 RODD ST	48640	2410 RODD ST	MIDLAND	MI	48640-5474	RB	14-16-20-480B	3.29	0.33	20	N	Residential
410 E NELSON ST	48640	P O BOX 1647	MIDLAND	MI	48641-1647	COM	14-16-20-584A	0.70	0.70	20	N	Residential
410 E NELSON ST	48640	P O BOX 1647	MIDLAND	MI	48641-1647	COM	14-16-20-584B	0.58	0.58	20	N	Residential
410 E NELSON ST	48640	P O BOX 1647	MIDLAND	MI	48641-1647	COM	14-16-20-584C	0.33	0.34	20	N	Residential
410 E NELSON ST	48640	P O BOX 1647	MIDLAND	MI	48641-1647	COM	14-16-20-584D	0.52	0.52	20	N	Residential
410 E NELSON ST	48640	P O BOX 1647	MIDLAND	MI	48641-1647	COM	14-16-20-584E	1.31	1.25	30	N	Residential
410 E NELSON ST	48640	P O BOX 1647	MIDLAND	MI	48641-1647	COM	14-16-20-584F	0.06	0.06	10	N	Residential
410 E NELSON ST	48640	P O BOX 1647	MIDLAND	MI	48641-1647	COM	14-16-20-584G	1.15	1.17	30	N	Residential
410 E NELSON ST	48640	P O BOX 1647	MIDLAND	MI	48641-1647	COM	14-16-20-584H	1.32	1.32	30	N	Residential
410 E NELSON ST	48640	P O BOX 1647	MIDLAND	MI	48641-1647	COM	14-16-20-584I	1.94	1.94	30	N	Residential
410 E NELSON ST	48640	P O BOX 1647	MIDLAND	MI	48641-1647	COM	14-16-20-584J	0.97	0.97	20	N	Residential
410 E NELSON ST	48640	P O BOX 1647	MIDLAND	MI	48641-1647	COM	14-16-20-584K	1.77	1.22	30	N	Residential
410 E NELSON ST	48640	P O BOX 1647	MIDLAND	MI	48641-1647	COM	14-16-20-584L	0.99	0.99	20	N	Residential
410 E NELSON ST	48640	P O BOX 1647	MIDLAND	MI	48641-1647	COM	14-16-20-584M	0.81	0.81	20	N	Residential
410 E NELSON ST	48640	P O BOX 1647	MIDLAND	MI	48641-1647	COM	14-16-20-584N	0.86	0.86	20	N	Residential
410 E NELSON ST	48640	P O BOX 1647	MIDLAND	MI	48641-1647	COM	14-16-20-584O	0.88	0.88	20	N	Residential
505 E CARPENTER ST	48640	505 E CARPENTER ST	MIDLAND	MI	48640-5462	RA4	14-16-30-120A	0.53	0.53	20	N	Residential
505 E CARPENTER ST	48640	505 E CARPENTER ST	MIDLAND	MI	48640-5462	RA4	14-16-30-120B	1.11	0.80	20	N	Residential
505 E CARPENTER ST	48640	505 E CARPENTER ST	MIDLAND	MI	48640-5462	RA4	14-16-30-120C	0.57	0.57	20	N	Residential
505 E CARPENTER ST	48640	505 E CARPENTER ST	MIDLAND	MI	48640-5462	RA4	14-16-30-120D	0.53	0.52	20	N	Residential
1102 RODD ST	48640	505 E CARPENTER	MIDLAND	MI	48640	RA4	14-16-30-180	0.17	0.15	10	N	Residential
1106 RODD ST	48640	1106 RODD ST	MIDLAND	MI	48640-5467	RA4	14-16-30-182	0.21	0.15	10	N	Residential
1116 RODD ST	48640	505 E CARPENTER ST	MIDLAND	MI	48640-5462	RA4	14-16-30-184	0.29	0.37	20	N	Residential
305 E REARDON ST	48640	600 E CARPENTER ST	MIDLAND	MI	48640-5417	COM	14-16-30-200A	2.52	2.52	30	N	Residential

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305 E REARDON ST	48640	600 E CARPENTER ST	MIDLAND	MI	48640-5417	COM	14-16-30-200B	1.09	1.09	30	N	Residential
305 E REARDON ST	48640	600 E CARPENTER ST	MIDLAND	MI	48640-5417	COM	14-16-30-200C	2.00	1.86	30	N	Residential
305 E REARDON ST	48640	600 E CARPENTER ST	MIDLAND	MI	48640-5417	COM	14-16-30-200D	0.45	0.45	20	N	Residential
305 E REARDON ST	48640	600 E CARPENTER ST	MIDLAND	MI	48640-5417	COM	14-16-30-200E	0.68	0.68	20	N	Residential
305 E REARDON ST	48640	600 E CARPENTER ST	MIDLAND	MI	48640-5417	COM	14-16-30-200F	1.80	0.89	20	N	Residential
305 E REARDON ST	48640	600 E CARPENTER ST	MIDLAND	MI	48640-5417	COM	14-16-30-200G	0.19	0.19	10	N	Residential
305 E REARDON ST	48640	600 E CARPENTER ST	MIDLAND	MI	48640-5417	COM	14-16-30-200H	0.56	0.56	20	N	Residential
305 E REARDON ST	48640	600 E CARPENTER ST	MIDLAND	MI	48640-5417	COM	14-16-30-200I	0.27	0.27	20	N	Residential
305 E REARDON ST	48640	600 E CARPENTER ST	MIDLAND	MI	48640-5417	COM	14-16-30-200J	0.82	0.82	20	N	Residential
305 E REARDON ST	48640	600 E CARPENTER ST	MIDLAND	MI	48640-5417	COM	14-16-30-200K	0.33	0.33	20	N	Residential
305 E REARDON ST	48640	600 E CARPENTER ST	MIDLAND	MI	48640-5417	COM	14-16-30-200L	1.31	1.32	30	N	Residential
305 E REARDON ST	48640	600 E CARPENTER ST	MIDLAND	MI	48640-5417	COM	14-16-30-200M	2.82	2.83	30	N	Residential
305 E REARDON ST	48640	600 E CARPENTER ST	MIDLAND	MI	48640-5417	COM	14-16-30-200N	0.39	0.39	20	N	Residential
310 TOWNSEND ST	48640	800 STERLING DR	MIDLAND	MI	48640-2767	D	14-16-50-142	0.12	0.07	10	N	Residential
314 TOWNSEND ST	48640	800 STERLING	MIDLAND	MI	48640-2767	D	14-16-50-144	0.21	0.10	10	N	Residential
301 TOWNSEND ST	48640	301 TOWNSEND ST	MIDLAND	MI	48640-5130	D	14-16-50-150	0.12	0.03	10	N	Residential
311 E ELLSWORTH ST	48640	811 RODD ST	MIDLAND	MI	48640-5354	D	14-16-50-208	0.17	0.10	10	N	Residential
<b>East of Facility</b>												
2607 BAY CITY RD	48642	PO BOX 1647	MIDLAND	MI	48641-1647	COM	14-23-20-010A	1.44	1.44	30	N	Residential
2607 BAY CITY RD	48642	PO BOX 1647	MIDLAND	MI	48641-1647	COM	14-23-20-010B	1.28	1.28	30	N	Residential
2607 BAY CITY RD	48642	PO BOX 1647	MIDLAND	MI	48641-1647	COM	14-23-20-010C	1.20	1.20	30	N	Residential
2607 BAY CITY RD	48642	PO BOX 1647	MIDLAND	MI	48641-1647	COM	14-23-20-010D	1.44	0.82	20	N	Residential
2607 BAY CITY RD	48642	PO BOX 1647	MIDLAND	MI	48641-1647	COM	14-23-20-010E	1.44	0.75	20	N	Residential
2607 BAY CITY RD	48642	PO BOX 1647	MIDLAND	MI	48641-1647	COM	14-23-20-010F	1.21	1.21	30	N	Residential
2607 BAY CITY RD	48642	PO BOX 1647	MIDLAND	MI	48641-1647	COM	14-23-20-010G	0.69	0.68	20	N	Residential
807 WALDO AVE	48642	1100 S EUCLID AVE	BAY CITY	MI	48706	RC	14-23-20-486	0.63	0.71	20	N	Residential
827 WALDO AVE	48642	1100 S EUCLID AVE	BAY CITY	MI	48706	RC	14-23-20-490	2.35	2.50	0	Y	Undeveloped
835 WALDO AVE	48642	2508 WOOD CT	MIDLAND	MI	48642	RC	14-23-20-494	0.35	0.31	20	N	Residential
833 WALDO AVE	48642	833 WALDO AVE	MIDLAND	MI	48642-5937	RC	14-23-20-498A	0.29	0.24	10	N	Residential
833 WALDO AVE	48642	833 WALDO AVE	MIDLAND	MI	48642-5937	RC	14-23-20-498B	0.56	0.56	20	Y	Residential
837 WALDO AVE	48642	510 E WHEELER RD	MIDLAND	MI	48640-8618	RC	14-23-20-502	0.36	0.29	20	N	Residential
401 WALDO AVE	48642	401 WALDO AVE	MIDLAND	MI	48642-5941	RA4	14-23-30-002	0.14	0.12	10	N	Residential
409 WALDO AVE	48642	409 WALDO AVE	MIDLAND	MI	48642	RA4	14-23-30-004	0.33	0.27	20	N	Residential
415 WALDO AVE	48642	415 WALDO AVE	MIDLAND	MI	48642	RA4	14-23-30-006	0.67	0.61	20	N	Residential
419 WALDO AVE	48642	419 WALDO AVE	MIDLAND	MI	48642-5941	RA4	14-23-30-010	0.67	0.60	20	N	Residential
3216 BAY CITY RD	48642	925 E WHEELER ST	MIDLAND	MI	48642-3001	RC	14-23-30-018	0.44	0.44	20	N	Residential
3212 BAY CITY RD	48642	3212 BAY CITY RD	MIDLAND	MI	48642-5922	RA4	14-23-30-022	0.42	0.37	20	N	Residential
3204 BAY CITY RD	48642	3204 BAY CITY RD	MIDLAND	MI	48642-5922	RA4	14-23-30-024	0.37	0.31	20	N	Residential
3128 BAY CITY RD	48642	3128 BAY CITY RD	MIDLAND	MI	48642-5922	RA1	14-23-30-028A	0.26	0.24	10	N	Residential
3128 BAY CITY RD	48642	3128 BAY CITY RD	MIDLAND	MI	48642-5922	RA1	14-23-30-028B	0.21	0.21	10	Y	Residential
3120 BAY CITY RD	48642	3120 BAY CITY RD	MIDLAND	MI	48642-5922	RA4	14-23-30-032A	0.44	0.37	20	N	Residential
3120 BAY CITY RD	48640	3120 BAY CITY RD	MIDLAND	MI	48642-5922	RA4	14-23-30-032B	0.17	0.17	10	Y	Residential

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434 LEMKE ST	48642	925 E WHEELER ST	MIDLAND	MI	48642-3001	RA4	14-23-30-034	0.38	0.37	20	N	Residential
428 LEMKE ST	48642	925 E WHEELER	MIDLAND	MI	48642-3001	RA4	14-23-30-036	0.29	0.21	10	N	Residential
424 LEMKE ST	48642	914 GREY RD	MIDLAND	MI	48640	RA4	14-23-30-042	0.27	0.23	10	N	Residential
420 LEMKE ST	48642	420 LEMKE ST	MIDLAND	MI	48642	RA4	14-23-30-044A	0.27	0.22	10	N	Residential
420 LEMKE ST	48640	420 LEMKE ST	MIDLAND	MI	48642	RA4	14-23-30-044B	0.21	0.21	10	Y	Residential
416 LEMKE ST	48642	516 W WHEELER RD	AUBURN	MI	48611	RA4	14-23-30-045A	0.19	0.10	10	N	Residential
416 LEMKE ST	48640	516 W WHEELER RD	AUBURN	MI	48611	RA4	14-23-30-045B	0.26	0.26	20	Y	Residential
412 LEMKE ST	48642	9515 N RIVER RD	FREELAND	MI	48623	RA4	14-23-30-046A	0.19	0.11	10	N	Residential
412 LEMKE ST	48640	9515 N RIVER RD	FREELAND	MI	48623	RA4	14-23-30-046B	0.26	0.26	20	Y	Residential
408 LEMKE ST	48642	PO BOX 465	AUBURN	MI	48611-0465	RA4	14-23-30-047A	0.19	0.11	10	N	Residential
408 LEMKE ST	48640	PO BOX 465	AUBURN	MI	48611-0465	RA4	14-23-30-047B	0.26	0.26	20	Y	Residential
404 LEMKE ST	48642	404 LEMKE ST	MIDLAND	MI	48642-5927	RA4	14-23-30-054	0.20	0.16	10	N	Residential
3101 BEECH ST	48642	108 W CHAPEL LN	MIDLAND	MI	48640	RA4	14-23-30-056	0.20	0.21	10	N	Residential
3111 BEECH ST	48642	6210 W WACKERLY	MIDLAND	MI	48642	RA4	14-23-30-058	0.21	0.15	10	N	Residential
3115 BEECH ST	48642	5109 HOLLYBERRY DR	MIDLAND	MI	48642-6852	RA4	14-23-30-060	0.29	0.21	10	N	Residential
3119 BEECH ST	48642	2707 ASHMAN	MIDLAND	MI	48640	RA4	14-23-30-064	0.46	0.21	10	N	Residential
3205 BEECH ST	48642	3205 BEECH ST	MIDLAND	MI	48642	RA4	14-23-30-066	0.27	0.26	20	N	Residential
235 WALDO AVE	48642	5043 N BAY-MID COUNTY LINE RD	LINWOOD	MI	48634	RA4	14-23-30-070	0.41	0.41	20	N	Residential
239 WALDO AVE	48642	1276 PRICE RD	MIDLAND	MI	48642	RA4	14-23-30-072	0.45	0.41	20	N	Residential
301 WALDO AVE	48642	301 WALDO AVE	MIDLAND	MI	48642-5967	RA4	14-23-30-074	0.44	0.38	20	N	Residential
305 WALDO AVE	48642	305 WALDO AVE	MIDLAND	MI	48642	RA4	14-23-30-076	0.46	0.39	20	N	Residential
309 WALDO AVE	48642	309 WALDO AVE	MIDLAND	MI	48640	RA4	14-23-30-078	0.45	0.44	20	N	Residential
315 WALDO AVE	48642	315 WALDO AVE	MIDLAND	MI	48642-5967	RA4	14-23-30-082	0.20	0.15	10	N	Residential
317 WALDO AVE	48642	317 WALDO AVE	MIDLAND	MI	48642-5967	RA4	14-23-30-083	0.20	0.16	10	N	Residential
321 WALDO AVE	48642	321 WALDO AVE	MIDLAND	MI	48642-5967	RA4	14-23-30-086	0.28	0.27	20	N	Residential
3208 BEECH ST	48642	3208 BEECH ST	MIDLAND	MI	48642	RA4	14-23-30-088	0.42	0.37	20	N	Residential
3204 BEECH ST	48642	3204 BEECH ST	MIDLAND	MI	48642-5947	RA4	14-23-30-090	0.39	0.35	20	N	Residential
337 LEMKE ST	48642	600 E CARPENTER ST	MIDLAND	MI	48640-5417	RA4	14-23-30-094A	1.99	1.57	30	N	Residential
337 LEMKE ST	48642	600 E CARPENTER ST	MIDLAND	MI	48640-5417	RA4	14-23-30-094B	0.63	0.60	20	N	Residential
337 LEMKE ST	48642	600 E CARPENTER ST	MIDLAND	MI	48640-5417	RA4	14-23-30-094C	3.33	1.50	30	N	Residential
337 LEMKE ST	48642	600 E CARPENTER ST	MIDLAND	MI	48640-5417	RA4	14-23-30-094D	0.83	0.83	20	N	Residential
337 LEMKE ST	48642	600 E CARPENTER ST	MIDLAND	MI	48640-5417	RA4	14-23-30-094E	1.12	1.12	30	N	Residential
337 LEMKE ST	48642	600 E CARPENTER ST	MIDLAND	MI	48640-5417	RA4	14-23-30-094F	0.81	0.81	20	N	Residential
337 LEMKE ST	48642	600 E CARPENTER ST	MIDLAND	MI	48640-5417	RA4	14-23-30-094G	0.77	0.77	20	N	Residential
337 LEMKE ST	48642	600 E CARPENTER ST	MIDLAND	MI	48640-5417	RA4	14-23-30-094H	1.17	1.17	30	N	Residential
409 LEMKE ST	48642	409 LEMKE ST	MIDLAND	MI	48642	RA4	14-23-30-180	0.40	0.36	20	N	Residential
413 LEMKE ST	48642	413 LEMKE ST	MIDLAND	MI	48642-5926	RA4	14-23-30-182	0.48	0.48	20	N	Residential
421 LEMKE ST	48642	421 LEMKE ST	MIDLAND	MI	48642-5926	RA4	14-23-30-184	0.40	0.34	20	N	Residential
425 LEMKE ST	48642	425 LEMKE ST	MIDLAND	MI	48642-5926	RA4	14-23-30-186	0.27	0.19	10	N	Residential
3020 BAY CITY RD	48642	3024 BAY CITY RD	MIDLAND	MI	48642-6909	RA4	14-23-30-188	0.24	0.15	10	N	Residential
3008 BAY CITY RD	48642	3008 BAY CITY RD	MIDLAND	MI	48642-5921	RA4	14-23-30-190	0.22	0.22	10	N	Residential
3000 BAY CITY RD	48642	6245 N SWEDE RD	RHODES	MI	48652	RA4	14-23-30-192	0.36	0.38	20	N	Residential

**Table 3-1**  
**2014 Phase I Property Information, Implementation Plan**  
**Fall 2013**

Property Address	Property Zip	Owner Address	Owner City	Owner State	Owner Zip	Zoning	Property ID Number	Total Property Acreage	Available Acreage for Sampling (Total acreage - Permanent Structures)	# of Increments	Does Property Contain Woodland Areas of >7,200 sq ft in size (Y/N)	Land Use (Residential / Non- Residential)
2924 BAY CITY RD	48642	2924 BAY CITY RD	MIDLAND	MI	48642-5921	RA4	14-23-30-196	0.29	0.22	10	N	Residential
2916 BAY CITY RD	48642	2916 BAY CITY RD	MIDLAND	MI	48642-5921	RA4	14-23-30-198	0.29	0.29	20	N	Residential
424 LONGVIEW ST	48642	1603 ILLINOIS DR	MIDLAND	MI	48642	RA4	14-23-30-202	0.19	0.17	10	N	Residential
420 LONGVIEW ST	48642	420 LONGVIEW ST	MIDLAND	MI	48642	RA4	14-23-30-204	0.19	0.18	10	N	Residential
416 LONGVIEW ST	48642	416 LONGVIEW ST	MIDLAND	MI	48642	RA4	14-23-30-206	0.19	0.17	10	N	Residential
412 LONGVIEW ST	48642	412 LONGVIEW ST	MIDLAND	MI	48642	RA4	14-23-30-208	0.19	0.13	10	N	Residential
408 LONGVIEW ST	48642	408 LONGVIEW ST	MIDLAND	MI	48642	RA4	14-23-30-210	0.19	0.12	10	N	Residential
404 LONGVIEW ST	48642	220 W MAIN ST STE 101	MIDLAND	MI	48640	RA4	14-23-30-212	0.19	0.17	10	N	Residential
400 LONGVIEW ST	48642	400 LONGVIEW ST	MIDLAND	MI	48642	RA4	14-23-30-214	0.19	0.13	10	N	Residential
340 LONGVIEW ST	48642	340 LONGVIEW ST	MIDLAND	MI	48642-5929	RA4	14-23-30-216	0.19	0.16	10	N	Residential
336 LONGVIEW ST	48642	336 LONGVIEW ST	MIDLAND	MI	48642-5929	RA4	14-23-30-218	0.19	0.13	10	N	Residential
332 LONGVIEW ST	48642	332 LONGVIEW ST	MIDLAND	MI	48642	RA4	14-23-30-220	0.19	0.13	10	N	Residential
328 LONGVIEW ST	48642	3607 W MAIN ST	MIDLAND	MI	48640-2383	RA4	14-23-30-222	0.19	0.20	10	N	Residential
324 LONGVIEW ST	48642	324 LONGVIEW ST	MIDLAND	MI	48642-5929	RA4	14-23-30-224	0.19	0.12	10	N	Residential
320 LONGVIEW ST	48642	600 E CARPENTER ST	MIDLAND	MI	48640-5417	RA4	14-23-30-226	0.19	0.19	10	N	Residential
316 LONGVIEW ST	48642	316 LONGVIEW ST	MIDLAND	MI	48642	RA4	14-23-30-228	0.19	0.14	10	N	Residential
312 LONGVIEW ST	48642	4189 S NINE MILE ROAD	AUBURN	MI	48611	RA4	14-23-30-230	0.19	0.13	10	N	Residential
308 LONGVIEW ST	48642	308 LONGVIEW ST	MIDLAND	MI	48642-5929	RA4	14-23-30-232	0.19	0.14	10	N	Residential
304 LONGVIEW ST	48642	304 LONGVIEW ST	MIDLAND	MI	48642-5929	RA4	14-23-30-234	0.19	0.16	10	N	Residential
300 LONGVIEW ST	48642	300 LONGVIEW ST	MIDLAND	MI	48642	RA4	14-23-30-236	0.22	0.21	10	N	Residential
301 LONGVIEW ST	48642	301 LONGVIEW ST	MIDLAND	MI	48642-5928	RA4	14-23-30-238	0.22	0.15	10	N	Residential
305 LONGVIEW ST	48642	305 LONGVIEW ST	MIDLAND	MI	48642-5928	RA4	14-23-30-240	0.19	0.11	10	N	Residential
309 LONGVIEW ST	48642	325 WALDEN AVE	HARRIMAN	TN	37748	RA4	14-23-30-242	0.19	0.16	10	N	Residential
313 LONGVIEW ST	48642	313 LONGVIEW ST	MIDLAND	MI	48642-5928	RA4	14-23-30-246	0.19	0.15	10	N	Residential
317 LONGVIEW ST	48642	317 LONGVIEW ST	MIDLAND	MI	48642-5928	RA4	14-23-30-248	0.16	0.13	10	N	Residential
321 LONGVIEW ST	48642	141 SOUNDVIEW RD	BELLINGHAM	WA	98229	RA4	14-23-30-250	0.19	0.17	10	N	Residential
325 LONGVIEW ST	48642	325 LONGVIEW ST	MIDLAND	MI	48642	RA4	14-23-30-252	0.19	0.18	10	N	Residential
329 LONGVIEW ST	48642	329 LONGVIEW ST	MIDLAND	MI	48642-5928	RA4	14-23-30-254	0.19	0.17	10	N	Residential
333 LONGVIEW ST	48642	333 LONGVIEW ST	MIDLAND	MI	48642-5928	RA4	14-23-30-256	0.19	0.10	10	N	Residential
337 LONGVIEW ST	48642	337 LONGVIEW ST	MIDLAND	MI	48642-5928	RA4	14-23-30-258	0.19	0.13	10	N	Residential
341 LONGVIEW ST	48642	341 LONGVIEW ST	MIDLAND	MI	48642-5928	RA4	14-23-30-260	0.19	0.16	10	N	Residential
401 LONGVIEW ST	48642	401 LONGVIEW ST	MIDLAND	MI	48642	RA4	14-23-30-262	0.19	0.15	10	N	Residential
405 LONGVIEW ST	48642	1204 SANDOW RD	MIDLAND	MI	48640	RA4	14-23-30-263	0.19	0.15	10	N	Residential
409 LONGVIEW ST	48642	409 LONGVIEW ST	MIDLAND	MI	48642-5928	RA4	14-23-30-266	0.19	0.16	10	N	Residential
413 LONGVIEW ST	48642	413 LONGVIEW ST	MIDLAND	MI	48642-5928	RA4	14-23-30-268	0.19	0.14	10	N	Residential
417 LONGVIEW ST	48642	417 LONGVIEW ST	MIDLAND	MI	48642-5928	RA4	14-23-30-270	0.19	0.17	10	N	Residential
421 LONGVIEW ST	48642	135 N SAGINAW RD	MIDLAND	MI	48640-3350	RA4	14-23-30-272	0.19	0.15	10	N	Residential
425 LONGVIEW ST	48642	135 N SAGINAW RD	MIDLAND	MI	48640-3350	RA4	14-23-30-274	0.19	0.07	10	N	Residential
2908 BAY CITY RD	48642	2908 BAY CITY RD	MIDLAND	MI	48642-5920	RA4	14-23-30-278	0.29	0.28	20	N	Residential
2824 BAY CITY RD	48642	2916 OAKHAVEN CT	MIDLAND	MI	48642	RA4	14-23-30-280	0.29	0.29	20	N	Residential
2800 BAY CITY RD	48642	1309 FRANKLIN ST	MIDLAND	MI	48640	RB	14-23-30-282	0.36	0.38	20	N	Residential
2757 BAY CITY RD	48642	350 DICK ST	MIDLAND	MI	48642	RB	14-23-30-286	2.31	2.36	0	Y	Undeveloped

**Table 3-1**  
**2014 Phase I Property Information, Implementation Plan**  
**Fall 2013**

Property Address	Property Zip	Owner Address	Owner City	Owner State	Owner Zip	Zoning	Property ID Number	Total Property Acreage	Available Acreage for Sampling (Total acreage - Permanent Structures)	# of Increments	Does Property Contain Woodland Areas of >7,200 sq ft in size (Y/N)	Land Use (Residential / Non- Residential)
2734 BAY CITY RD	48642	2734 BAY CITY RD	MIDLAND	MI	48642	RB	14-23-30-288	0.33	0.24	10	N	Residential
2728 BAY CITY RD	48642	7830 MIELKE RD	FREELAND	MI	48623	RB	14-23-30-290	0.28	0.28	20	N	Residential
2710 BAY CITY RD	48642	2976 N LAKEVIEW DR	SANFORD	MI	48657	RB	14-23-30-292	0.48	0.20	10	N	Residential
2708 BAY CITY RD	48642	2708 BAY CITY RD	MIDLAND	MI	48642-5920	RB	14-23-30-294	0.87	0.96	20	N	Residential
420 DICK ST	48642	350 DICK ST	MIDLAND	MI	48642	RB	14-23-30-300A	0.99	0.99	20	N	Residential
420 DICK ST	48642	350 DICK ST	MIDLAND	MI	48642	RB	14-23-30-300B	0.80	0.80	20	N	Residential
420 DICK ST	48642	350 DICK ST	MIDLAND	MI	48642	RB	14-23-30-300C	0.71	0.71	20	Y	Residential
2712 CHARLES ST	48642	P O BOX 2049	MIDLAND	MI	48641-2049	RB	14-23-30-320	1.02	1.28	0	Y	Undeveloped
2700 CHARLES ST	48642	350 DICK ST	MIDLAND	MI	48642-5925	RB	14-23-30-328	1.66	2.09	0	Y	Undeveloped
350 DICK ST	48642	350 DICK ST	MIDLAND	MI	48642-5925	RB	14-23-30-332A	0.91	0.79	20	N	Residential
350 DICK ST	48640	350 DICK ST	MIDLAND	MI	48642-5925	RB	14-23-30-332B	0.73	0.73	20	Y	Residential
336 DICK ST	48642	336 DICK ST	MIDLAND	MI	48642	RB	14-23-30-344A	0.39	0.33	20	N	Residential
336 DICK ST	48642	336 DICK ST	MIDLAND	MI	48642	RB	14-23-30-344B	0.34	0.34	20	N	Residential
2705 PARSONS CT	48642	2705 PARSONS CT	MIDLAND	MI	48642-5930	RB	14-23-30-348	0.50	0.44	20	N	Residential
2711 PARSONS CT	48642	2711 PARSONS CT	MIDLAND	MI	48642-5930	RB	14-23-30-350	0.50	0.41	20	N	Residential
2719 PARSONS CT	48642	2719 PARSONS CT	MIDLAND	MI	48642-5930	RB	14-23-30-352	0.48	0.39	20	N	Residential
2801 PARSONS CT	48642	P O BOX 2049	MIDLAND	MI	48641-2049	RB	14-23-30-354A	0.40	0.33	20	N	Residential
2801 PARSONS CT	48642	P O BOX 2049	MIDLAND	MI	48641-2049	RB	14-23-30-354B	0.23	0.23	10	Y	Residential
2805 PARSONS CT	48642	2805 PARSONS CT	MIDLAND	MI	48642-5930	RB	14-23-30-358	0.59	0.51	20	N	Residential
2804 PARSONS CT	48642	2804 PARSONS CT	MIDLAND	MI	48642	RB	14-23-30-359A	0.25	0.19	10	N	Residential
2804 PARSONS CT	48642	2804 PARSONS CT	MIDLAND	MI	48642	RB	14-23-30-359B	0.20	0.20	10	Y	Residential
2800 PARSONS CT	48642	2800 PARSONS CT	MIDLAND	MI	48642	RB	14-23-30-360A	0.35	0.32	20	N	Residential
2804 PARSONS CT	48642	2800 PARSONS CT	MIDLAND	MI	48642	RB	14-23-30-360B	0.46	0.46	20	Y	Residential
2720 PARSONS CT	48642	2716 PARSONS CT	MIDLAND	MI	48640	RB	14-23-30-361	0.44	0.45	20	N	Residential
2716 PARSONS CT	48642	2716 PARSONS CT	MIDLAND	MI	48642-5950	RB	14-23-30-364	0.58	0.52	20	N	Residential

COM - Community

D - Downtown District

OS - Office Service

RA1 - Residential

RA3 - Residential

RA4 - Residential

RB- Residential

RC - Regional Commercial

**Table 3-2**  
**2014 Phase IA Property Information, Implementation Plan**

Property Address	Property Zip	Owner Address	Owner City	Owner State	Owner Zip	Zoning	Property ID Number	Total Property Acreage	Available Acreage for Sampling (Total acres - Permanent Structures)	# of Increments	Does the property contain Woodland Areas? (Y/N)	Land Use (Residential / Non-Residential)
MDOT Right-of-way	48642	P O BOX 30003	LANSING	MI	48909		A	6.16	1.30	30	N	Non-Residential
MDOT Right-of-way	48642	P O BOX 30003	LANSING	MI	48909		B	6.16	1.20	30	N	Non-Residential
MDOT Right-of-way	48642	P O BOX 30003	LANSING	MI	48909		C	6.16	0.49	20	N	Non-Residential
MDOT Right-of-way	48642	P O BOX 30003	LANSING	MI	48909		D	6.16	1.20	30	N	Non-Residential
MDOT Right-of-way	48642	P O BOX 30003	LANSING	MI	48909		E	6.16	0.52	20	N	Non-Residential
2301 WALDO AVE	48642	TAX DEPT - ABBOTT RD	MIDLAND	MI	48674	LCMR	14-14-30-010	2.28	2.28	30	Y	Non-Residential
3500 E ASHMAN ST	48642	TAX DEPT - ABBOTT RD	MIDLAND	MI	48674	LCMR	14-13-10-800	2.06	2.06	30	Y	Non-Residential

LCMR - Limited Commercial Manufacturing, Research

**Table 3-3**  
**2014 Phase II Property Information, Implementation Plan**  
**Spring 2014**

Property Address	Property Zip	Owner Address	Owner City	Owner State	Owner Zip	Zoning	Property ID Number	Total Property Acreage	Available Acreage for Sampling (Total acres - Permanent Structures)	# of Increments	Does the property contain Woodland Areas? (Y/N)	Land Use (Residential / Non-Residential)
910 EASTLAWN DR	48642	910 EASTLAWN DR	MIDLAND	MI	48642-5707	OS	14-15-30-498	0.56	0.17	10	N	Non-Residential
2214 WISCONSIN ST	48642	P O BOX 1704	MIDLAND	MI	48641	OS	14-15-30-504	0.81	0.10	10	N	Non-Residential
1607 E PATRICK RD	48642	PO BOX 2081	MIDLAND	MI	48641	NC	14-15-40-334	0.55	0.10	10	N	Non-Residential
1613 E PATRICK RD	48642	1906 RAPANOS	MIDLAND	MI	48640	NC	14-15-40-340	0.34	0.22	10	N	Non-Residential
816 E HALEY ST	48640	P O BOX 1647	MIDLAND	MI	48641-1647	RB	14-15-50-004	1.16	0.55	20	N	Non-Residential
1510 BAYLISS ST	48640	PO BOX 1689	MIDLAND	MI	48641-1689	OS	14-15-50-090A	6.14	1.05	30	N	Non-Residential
1510 BAYLISS ST	48640	PO BOX 1689	MIDLAND	MI	48641-1689	OS	14-15-50-090B	6.14	1.19	30	N	Non-Residential
1510 BAYLISS ST	48640	PO BOX 1689	MIDLAND	MI	48641-1689	OS	14-15-50-090C	6.14	1.18	30	N	Non-Residential
1510 BAYLISS ST	48640	PO BOX 1689	MIDLAND	MI	48641-1689	OS	14-15-50-090D	6.14	1.47	0	Y	Undeveloped Woodlands
1510 BAYLISS ST	48640	PO BOX 1689	MIDLAND	MI	48641-1689	OS	14-15-50-090E	6.14	1.07	0	Y	Undeveloped Woodlands
1302 BAYLISS ST	48640	1302 BAYLISS ST	MIDLAND	MI	48640-5508	RC	14-15-50-130	0.11	0.01	10	N	Non-Residential
502 CHERRY ST	48640	502 CHERRY ST	MIDLAND	MI	48640-5620	RB	14-15-60-270	1.86	0.64	20	N	Non-Residential
1113 E CARPENTER ST	48640	2420 E ASHMAN ST	MIDLAND	MI	48642-4043	RB	14-16-40-104	0.33	0.14	10	N	Non-Residential
1001 E CARPENTER ST	48640	P O BOX 2655	MIDLAND	MI	48641-2655	NC	14-16-40-136	0.17	0.08	10	N	Non-Residential
915 E CARPENTER ST	48640	1808 RAPANOS DR	MIDLAND	MI	48642	NC	14-16-40-180	0.23	0.03	10	N	Non-Residential
411 E HINES ST	48640	600 E CARPENTER ST	MIDLAND	MI	48640-5417	RC	14-16-40-334*	1.02	0.17	10	N	Non-Residential
406 E HINES ST	48640	600 E CARPENTER ST	MIDLAND	MI	48640-5417	IA	14-16-40-350	1.45	0.08	10	N	Non-Residential
802 TOWNSEND ST	48640	802 TOWNSEND ST	MIDLAND	MI	48640-5362	IA	14-16-40-368*	0.21	0.11	10	N	Non-Residential
800 TOWNSEND ST	48640	802 TOWNSEND ST	MIDLAND	MI	48640-5362	IA	14-16-40-372*	1.06			N	Non-Residential
805 GEORGE ST	48640	131 W LAFAYETTE BLVD	DETROIT	MI	48226-2615	IA	14-16-40-380	0.71	0.004	10	N	Non-Residential
715 GEORGE ST	48640	715 GEORGE ST	MIDLAND	MI	48640	IA	14-16-40-402	0.28	0.02	10	N	Non-Residential
712 GEORGE ST	48640	4878 BAILEY BRIDGE RD R	FREELAND	MI	48623-9320	IA	14-16-40-478	0.55	0.005	10	N	Non-Residential
706 MILL ST	48640	3901 W CHIPPEWA RIVER RD	SHEPHERD	MI	48883	RC	14-16-40-508	0.17	0.02	10	N	Non-Residential
803 STATE ST	48640	600 E CARPENTER ST	MIDLAND	MI	48640-5417	RB	14-16-40-512*	1.69	0.22	10	N	Non-Residential
815 STATE ST	48640	600 E CARPENTER ST	MIDLAND	MI	48640-5417	RB	14-16-40-540*	1.37			N	Non-Residential
600 E CARPENTER ST	48640	600 E CARPENTER ST	MIDLAND	MI	48640-5417	RB	14-16-40-574A	3.82	0.81	20	N	Non-Residential
600 E CARPENTER ST	48640	600 E CARPENTER ST	MIDLAND	MI	48640-5417	RB	14-16-40-574B	3.82	1.12	30	N	Non-Residential
600 E CARPENTER ST	48640	600 E CARPENTER ST	MIDLAND	MI	48640-5417	RB	14-16-40-574C	3.82	0.18	10	N	Non-Residential
1006 E CARPENTER ST	48640	5811 N SWEDE RD	MIDLAND	MI	48640	NC	14-16-40-670	0.18	0.09	10	N	Non-Residential
1016 HALEY ST	48640	716 W LARKIN ST	MIDLAND	MI	48640-4235	NC	14-16-40-672	0.17	0.05	10	N	Non-Residential
712 TOWNSEND ST	48640	PO BOX 2144	MIDLAND	MI	48641-2144	RC	14-16-50-008	0.91	0.45	20	N	Non-Residential
501 GEORGE ST	48640	501 GEORGE ST SUITE A	MIDLAND	MI	48640	OS	14-16-50-068	0.11	0.10	10	N	Non-Residential
502 TOWNSEND ST	48640	111 VAIL ST	MIDLAND	MI	48640	OS	14-16-50-122	0.34	0.18	10	N	Non-Residential
414 TOWNSEND ST	48640	PO BOX 552	MIDLAND	MI	48640	D	14-16-50-124	0.66	0.33	20	N	Non-Residential
409 E BUTTLES ST	48640	PO BOX 552	MIDLAND	MI	48640	D	14-16-50-130	0.17	0.08	10	N	Non-Residential
309 E INDIAN ST	48640	5108 EASTMAN AVE STE 4	MIDLAND	MI	48640	OS	14-16-50-164	0.33	0.24	10	N	Non-Residential
709 TOWNSEND ST	48640	4613 EASTMAN AVE	MIDLAND	MI	48640-2610	RC	14-16-50-186	0.19	0.08	10	N	Non-Residential
715 TOWNSEND ST	48640	2325 ROCKWELL DR APT 260	MIDLAND	MI	48642-9327	RC	14-16-50-188	0.56	0.24	10	N	Non-Residential
408 RODD ST	48640	1111 MICHIGAN AVE STE 201	EAST LANSING	MI	48823	OS	14-16-50-232	0.23	0.05	10	N	Non-Residential
302 E INDIAN ST	48640	302 E INDIAN ST	MIDLAND	MI	48640-5255	OS	14-16-50-234	0.17	0.09	10	N	Non-Residential
803 TOWNSEND ST	48640	2325 ROCKWELL DR APT 260	MIDLAND	MI	48642-9327	MULT	14-16-60-030	1.74	1.00	30	N	Non-Residential

**Table 3-3**  
**2014 Phase II Property Information, Implementation Plan**  
**Spring 2014**

Property Address	Property Zip	Owner Address	Owner City	Owner State	Owner Zip	Zoning	Property ID Number	Total Property Acreage	Available Acreage for Sampling (Total acres - Permanent Structures)	# of Increments	Does the property contain Woodland Areas? (Y/N)	Land Use (Residential / Non-Residential)
614 HALEY ST	48640	4878 BAILEY BRIDGE	FREELAND	MI	48623-9801	RB	14-21-10-398	0.12	0.11	10	N	Non-Residential
901 E INDIAN ST	48640	5555 GULL RD	KALAMAZOO	MI	49048	OS	14-21-10-530	0.33	0.10	10	N	Non-Residential
701 HALEY ST	48640	701 HALEY ST	MIDLAND	MI	48640	RC	14-21-10-558	0.33	0.10	10	N	Non-Residential
711 HALEY ST	48640	4108 DYCKMAN RD	MIDLAND	MI	48640	RC	14-21-10-562	0.17	0.09	10	N	Non-Residential
715 HALEY ST	48640	4108 DYCKMAN RD	MIDLAND	MI	48640	RC	14-21-10-564	0.28	0.13	10	N	Non-Residential
907 E PINE ST	48640	3901 W CHIPPEWA RIVER RD	SHEPHERD	MI	48883	RC	14-21-10-568	0.17	0.007	10	N	Non-Residential
601 MILL ST	48640	609 MILL ST	MIDLAND	MI	48640	RB	14-21-10-608	0.29	0.08	10	N	Non-Residential
609 MILL ST	48640	609 MILL ST	MIDLAND	MI	48640	RB	14-21-10-612	0.17	0.12	10	N	Non-Residential
402 GEORGE ST	48640	718 E BUTTLES ST	MIDLAND	MI	48640	OS	14-21-80-499	0.34	0.04	10	N	Non-Residential
1612 E PATRICK RD	48642	5429 LBJ FREEWAY	DALLAS	TX	75240	RC	14-22-10-004	0.94	1.50	30	N	Non-Residential
2505 BAY CITY RD	48642	P O BOX 1307	MIDLAND	MI	48641-1307	RB	14-23-20-004	1.15	0.98	20	N	Non-Residential
3216 BAY CITY RD A	48642	925 E Wheeler St	MIDLAND	MI	48642-3001	RC	14-23-30-018A	0.68	0.18	10	N	Non-Residential
309 KENT CT	48642	2000 Bay City Rd	MIDLAND	MI	48642	MULT	14-23-60-160	0.39	0.41	20	N	Non-Residential
401 KENT CT	48642	P O Box 456	GRAND MARAIS	MI	49839	MULT	14-23-60-180	0.55	0.40	20	N	Non-Residential
1700 E PATRICK RD	48642	2501 WOOD CT	MIDLAND	MI	48642-4894	RC	14-23-80-090	1.16	1.10	30	N	Non-Residential

\* - Combined 2 parcels for 1 DU

D - Downtown District

IA - Industrial

MULT - Multiple Zoning

NC - Neighborhood Commercial

OS - Office Service

RB - Residential

RC - Regional Commercial

**Table 3-4**  
**Properties Identified for Land Use Monitoring**

**Table 3-4**  
**Properties Identified for Land Use Monitoring**

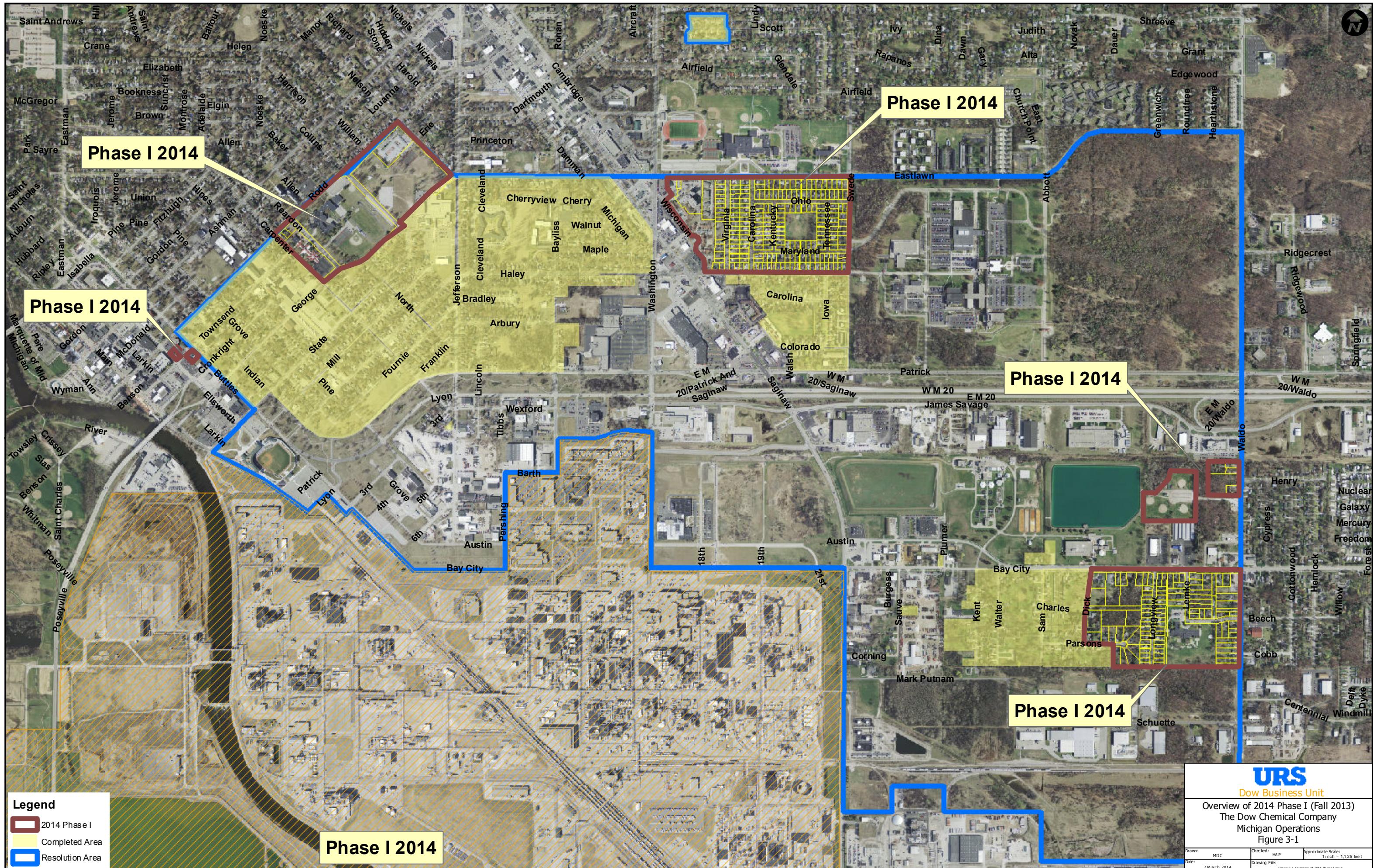
2012	14-21-10-388	712 Haley St	RB	Private Owner	Residential	--	--	--	--	Yes	No response from property owner	Not Accessed - No Response	Completed	Checked COM Assessors Website for Ownership change	Yes	Owner agreed to allow access	Remove from monitoring	8/7/2013		
2012	14-21-10-564	715 Haley St	RC	Parkcrest Development	Non-Residential	8/2/2012	Verified non-residential use	8/14/2013	No change	Yes	Commercial - Bakery	Non-Residential Property	Completed	Verified through COM database	No	N/A	Continue Monitoring	--		
2012	14-21-20-114	715 Jefferson Ave	IA	Private Owner	Non-Residential	8/2/2012	Verified non-residential use	8/14/2013	No change	No	Verified Non-Residential Property	Non-Residential Property	Completed	Verified through COM database	No	N/A	Continue Monitoring	--		
2012	14-21-10-178	719 Third St	IA	Fisher Sand & Gravel	Non-Residential	8/2/2012	Verified non-residential use	8/14/2013	No change	No	Verified Non-Residential Property	Non-Residential Property	Completed	Verified through COM database	No	N/A	Continue Monitoring	--		
2012	14-15-50-014	720 E Haley St	RB	Private Owner	Residential	--	--	--	--	Yes	Owner declined to participate via agreement form	Not Accessed - No Response	Completed	Checked COM Assessors Website for Ownership change	Yes	Owner agreed to allow access	Remove from monitoring	9/27/2013		
2012	14-21-10-584	805 E Buttes St	OS	City of Midland	Non-Residential	8/2/2012	Recreational use and does not	8/14/2013	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	Completed	Verified through COM database	No	N/A	Continue Monitoring	--		
2012	14-21-10-590	816 E Grove St	RB	Private Owner	Residential	--	--	--	--	Yes	No response from property owner	Not Accessed - No Response	Completed	Checked COM Assessors Website for Ownership change	No	N/A	Continue Monitoring	--		
2012	14-21-10-270	816 E Lyon Rd	RC	City of Midland	Non-Residential	8/2/2012	No defined use and does not	8/14/2013	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	Completed	Verified through COM database	No	N/A	Continue Monitoring	--		
2012	14-16-40-678	818 Haley St	RA-4	Fannie Mae	Residential	--	--	--	--	Yes	No response from property owner	Not Accessed - No Response	Completed	Checked COM Assessors Website for Ownership change	No	N/A	Continue Monitoring	--		
2012	14-21-80-804	825 E. Main St	MULT	Michigan Baseball Foundation, Inc	Non-Residential	8/2/2012	Verified non-residential use	8/14/2013	No change	Yes	Current zoning/ownership could change	Non-Residential Property	Completed	Verified through COM database	No	N/A	Continue Monitoring	--		
2012	14-21-10-530	901 E Indian St	OS	Waskevich Contracting LLC	Non-Residential	8/2/2012	Verified non-residential use	8/14/2013	No change	Yes	Commercial use - Dentist	Non-Residential Property	Completed	Verified through COM database	No	N/A	Continue Monitoring	--		
2012	14-21-10-496	907 E Buttes St	COM	City of Midland	Non-Residential	8/2/2012	Recreational use and does not	8/14/2013	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	Completed	Verified through COM database	No	N/A	Continue Monitoring	--		
2012	14-21-10-568	907 E Pine St	RC	Private Owner	Non-Residential	8/2/2012	Verified non-residential use	8/14/2013	No change	Yes	Commercial - Food distribution	Non-Residential Property	Completed	Verified through COM database	No	N/A	Continue Monitoring	--		
2012	14-21-20-010	91 Austin St	IA	Private Owner	Non-Residential	8/2/2012	Verified non-residential use	8/14/2013	No change	No	Verified Non-Residential Property	Non-Residential Property	Completed	Verified through COM database	No	N/A	Continue Monitoring	--		
2012	14-16-40-626	916 E Carpenter St	RB	DT Midland, LLC	Residential	--	--	--	--	Yes	Access not granted	Not Accessed - No Response	Completed	Checked COM Assessors Website for Ownership change	Yes	Owner agreed to allow access	Remove from monitoring	5/17/2013		
2012	14-21-10-006	921 Jefferson Ave	IA	Fisher Sand & Gravel	Non-Residential	8/2/2012	Verified non-residential use	8/14/2013	No change	No	Verified Non-Residential Property	Non-Residential Property	Completed	Verified through COM database	No	N/A	Continue Monitoring	--		
2013	14-15-60-070	1000 S Saginaw Rd	RC	Bank Of America Corporation	Non-Residential	8/14/2013	Verified non-residential use	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--		
2013	14-16-40-136	1001 E Carpenter St	NC	Vivian Stafford Living Trust	Non-Residential	8/14/2013	Verified non-residential use	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--		
2013	14-22-80-266	1003 Lincoln St	IA	Private Owner	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--		
2013	14-15-60-068	1004 S Saginaw Rd	RC	Bank Of America Corporation	Non-Residential	8/14/2013	Verified non-residential use	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--		
2013	14-22-80-268	1005 Lincoln St	IA	Private Owner	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--		
2013	14-22-80-286	1008 Jefferson Ave	IA	Private Owner	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--		
2013	14-22-80-206	1009 Bayliss St	IA	S & S Investment Co	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--		
2013	14-22-80-284	1012 Jefferson Ave	IA	Private Owner	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--		
2013	14-15-10-442	1012 Scott St	RB	Private Owner	Residential	--	--	--	--	Yes	Access not granted	Not Residential Property	--	--	--	--	--	--		
2013	14-15-60-064	1020 S Saginaw Rd	RC	Eastlawn Barbershop Inc	Non-Residential	8/14/2013	Verified non-residential use	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--		
2013	14-15-60-252	1102 Michigan St	RB	Private Owner	Residential	--	--	--	--	Yes	Access not granted	Non-Residential Property	--	--	--	--	--	--		
2013	14-15-60-060	1104 S Saginaw Rd	RC	Kim's Limited Liability Company	Non-Residential	8/14/2013	Verified non-residential use	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--		
2013	14-22-80-204	1107 Bayliss St	IA	Bayliss Street Property LLC	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--		
2013	14-22-70-064	111 Austin St	IA	Huron Mat Rentals Of Midland	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--		
2013	14-22-80-436	1111 Washington St	IA	Dow Chemical Co	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--		
2013	14-15-60-056	1112 S Saginaw Rd	RC	Billy & Haroldine Daily Trust	Non-Residential	8/14/2013	Verified non-residential use	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--		
2013	14-16-40-104	1113 E Carpenter St	RB	Seventh Day Adventist Church	Non-Residential	8/14/2013	Verified non-residential use	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--		
2013	14-22-80-162	1116 Jefferson Ave	IA	Fab Leasing Inc	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--		
2013	14-22-80-156	1118 Jefferson Ave	COM	City of Midland	Non-Residential	11/15/2013	Recreational use and does not	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--		
2013	14-22-80-152	1118 Lincoln St	COM	City of Midland	Non-Residential	11/15/2013	Recreational use and does not	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--		
2013	14-22-80-146	1120 Jefferson Ave	COM	City of Midland	Non-Residential	11/15/2013	Recreational use and does not	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--		
2013	14-15-60-054	1120 S Saginaw Rd	RC	Private Owner	Non-Residential	8/14/2013	Verified non-residential use	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--		
2013	14-22-80-150	1121 Lincoln St	COM	City of Midland	Non-Residential	11/15/2013	Recreational use and does not	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--		
2013	14-22-80-156	1126 Jefferson Ave	COM	City of Midland	Non-Residential	11/15/2013	Recreational use and does not	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--		
2013	14-15-60-046	1214 S Saginaw Rd	RC	Bkk & Bpk Llc	Non-Residential	8/14/2013	Verified non-residential use	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--		
2013	14-15-60-041	1220 S Saginaw Rd	RC	Bkk & Bpk Llc	Non-Residential	8/14/2013	Verified non-residential use	1/21/2014	No change	Yes	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--		
2013	14-15-50-166	1301 Washington St	RC	Rapanos Family LC	Non-Residential	11/15/2013	No defined use and does not	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--		
2013	14-15-50-130	1302 Bayliss St	RC	Private Owner	Non-Residential	8/14/2013	Verified non-residential use													

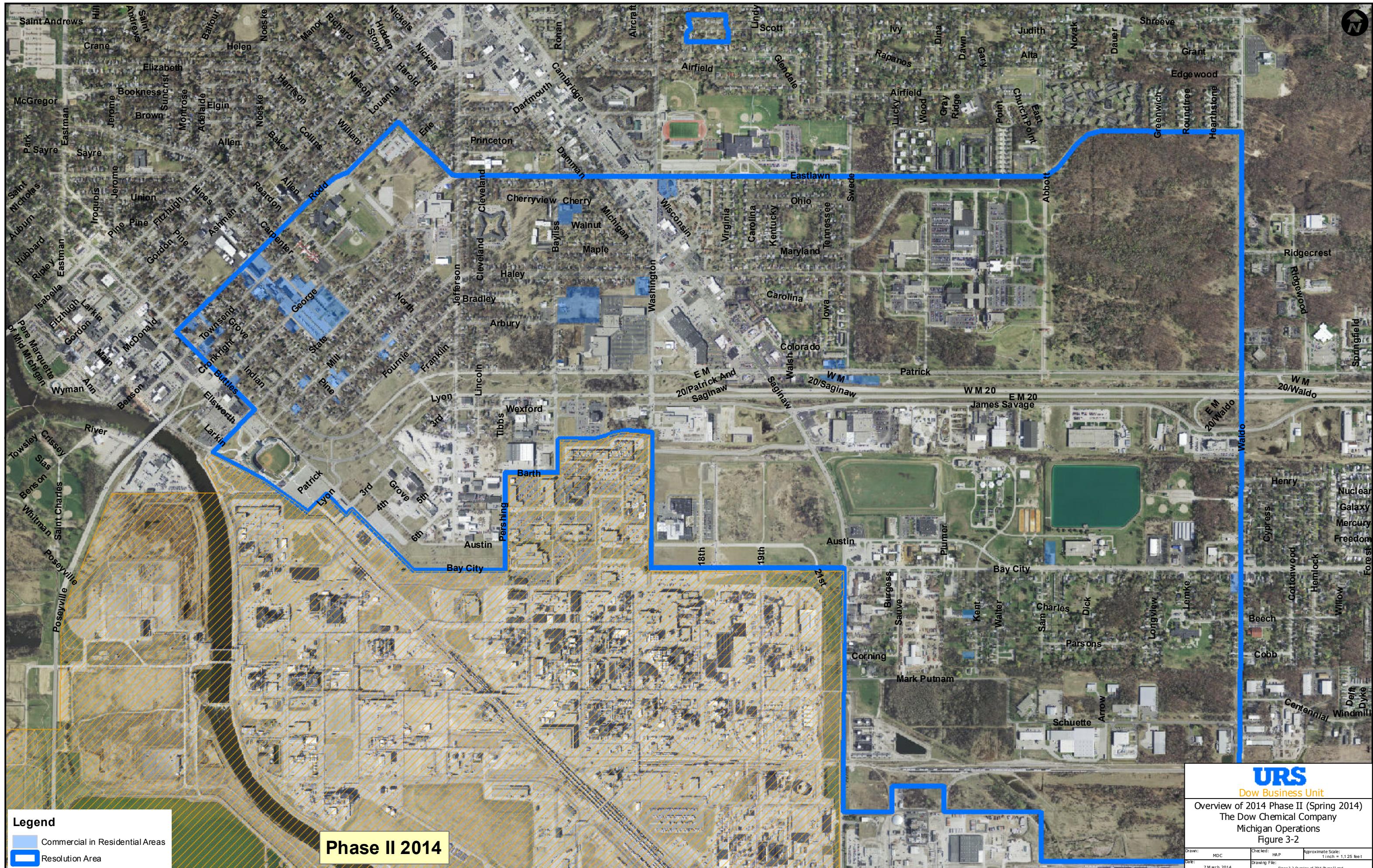
**Table 3-4**  
**Properties Identified for Land Use Monitoring**

2013	14-23-70-005	2007 Austin St	IA	Dow Chemical Co	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--
2013	14-23-70-046	2009 Bay City Rd	IA	Space Industries LLC	Non-Residential	11/15/2013	No defined use and does not	1/21/2013	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--
2013	14-15-30-236	2014 Carolina St	RA3	Private Owner	Residential	--	--	--	--	Yes	Access not granted	Not Accessed - No Response	--	--	--	--	--	--
2013	14-23-70-048	2017 Bay City Rd	IA	Space Industries LLC	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--
2013	14-23-70-254	2100 Austin St	RC	Private Owner	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	Yes	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--
2013	14-23-60-242	2100 Bay City Road	RC	Midland Moose Lodge 1541	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--
2013	14-23-70-246	2101 Bay City Rd	IA	Irigoyen, Alexander O & Magda	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--
2013	14-15-30-380	2102 Virginia St	RA3	Private Owner	Residential	--	--	--	--	Yes	Access not granted	Not Accessed - Owner Declined	--	--	--	--	--	--
2013	14-15-30-210	2114 Carolina St	RA3	Private Owner	Residential	--	--	--	--	Yes	Access not granted	Not Accessed - No Response	--	--	--	--	--	--
2013	14-23-70-268	2124 Austin St	COM	City of Midland	Non-Residential	11/15/2013	Recreational use and does not	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--
2013	14-15-30-184	2201 Tennessee St	RA3	Private Owner	Residential	--	--	--	--	Yes	Access not granted	Not Accessed - No Response	--	--	--	--	--	--
2013	14-15-30-092	2202 Tennessee St	RA3	Private Owner	Residential	--	--	--	--	Yes	Access not granted	Not Accessed - No Response	--	--	--	--	--	--
2013	14-15-30-370	2204 Virginia St	RA3	Private Owner	Residential	--	--	--	--	Yes	Access not granted	Not Accessed - No Response	--	--	--	--	--	--
2013	14-15-30-330	2209 Carolina St	RA3	Private Owner	Residential	--	--	--	--	Yes	Access not granted	Not Accessed - No Response	--	--	--	--	--	--
2013	14-15-50-650	221 E Patrick Rd	RB	Private Owner	Non-Residential	8/14/2013	No defined use	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--
2013	14-15-30-098	2302 Carolina St	RA3	Flagstar Bank	Residential	--	--	--	--	Yes	Access not granted	Not Accessed - No Response	--	--	--	--	--	--
2013	14-15-30-354	2312 Virginia St	RA3	Private Owner	Residential	--	--	--	--	Yes	Access not granted	Not Accessed - Owner Declined	--	--	--	--	--	--
2013	14-23-30-472	2504 Bay City Rd	RB	Private Owner	Residential	--	--	--	--	Yes	Access not granted	Not Accessed - No Response	--	--	--	--	--	--
2013	14-23-20-004	2505 Bay City Rd	RB	Midland Jewish Community Assn	Non-Residential	8/14/2013	Verified non-residential use	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--
2013	14-23-30-412	2505 Parsons Ct	RB	Private Owner	Residential	--	--	--	--	Yes	Access not granted	Not Accessed - Owner Declined	--	--	--	--	--	--
2013	14-23-30-328	2700 Charles St	RB	Private Owner	Non-Residential	8/14/2013	No defined use and does not	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--
2013	14-23-30-320	2712 Charles St	RB	Private Owner	Non-Residential	8/14/2013	No defined use and does not	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--
2013	14-23-30-286	2757 Bay City Rd	RB	Private Owner	Non-Residential	8/14/2013	No defined use and does not	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--
2013	14-23-70-004	2921 S Saginaw Rd	IA	Pi'S Property Management LLC	Non-Residential	11/15/2013	No defined use and does not	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--
2013	14-23-70-006	2929 S Saginaw Rd	RC	Pi'S Property Management LLC	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--
2013	14-23-70-016	3001 S Saginaw Rd	RC	Private Owner	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	Yes	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--
2013	14-15-50-530	301 Arbury Pl	RB	Private Owner	Residential	--	--	--	--	Yes	Access not granted	Not Accessed - No Response	--	--	--	--	--	--
2013	14-23-30-074	301 Waldo Ave	RA3	Private Owner	Residential	--	--	--	--	Yes	Access not granted	Not Accessed - Owner Declined	--	--	--	--	--	--
2013	14-16-50-234	302 E Indian St	OS	Private Owner	Non-Residential	8/14/2013	Verified non-residential use	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--
2013	14-22-80-178	308 E Lyon Rd	IA	D & Investments	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--
2013	14-22-80-054	308 E Patrick Rd	COM	City of Midland	Non-Residential	11/15/2013	Recreational use and does not	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--
2013	14-15-50-534	309 Arbury Pl	RB	Private Owner	Residential	--	--	--	--	Yes	Access not granted	Not Accessed - No Response	--	--	--	--	--	--
2013	14-16-50-164	309 E Indian St	OS	JA Of Central Michigan Inc	Non-Residential	8/14/2013	Verified non-residential use	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--
2013	14-23-60-488	3101 S Saginaw Rd	RC	Private Owner	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--
2013	14-23-60-500	3131 S Saginaw Rd	RC	Private Owner	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--
2013	14-23-60-506	3137 S Saginaw Rd	IA	MG-Midland Acquisitions Group LLC	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--
2013	14-23-60-524	3213 S Saginaw Rd	IA	Misaba Steer Products, INC	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--
2013	14-23-30-018A	3216 Bay City Rd - DU A	RC	Private Owner	Non-Residential	8/14/2013	Verified non-residential use	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--
2013	14-23-60-530	3229 S Saginaw Rd	IA	Tarbert Properties LLC	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--
2013	14-23-60-290	328 Sauve St	IA	Bierlein Properties	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--
2013	14-23-60-352	3313 S Saginaw Rd	IA	M F & D Development LLC	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--
2013	14-23-30-220	332 Longview St	RA4	Private Owner	Residential	--	--	--	--	Yes	Access not granted	Not Accessed - No Response	--	--	--	--	--	--
2013	14-23-50-090	3415 S Saginaw Rd	IB	M F & D Development LLC	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--
2013	14-15-60-544	400 Maple St	RB	Private Owner	Residential	--	--	--	--	Yes	Access not granted	Not Accessed - Owner Declined	--	--	--	--	--	--
2013	14-22-80-212	400 Wexford Ave	IA	Arnold Center, Inc	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--
2013	14-22-80-356	401 Barth St	IA	Central Property Development Inc	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--
2013	14-15-60-524	401 E Haley St	RB	Private Owner	Residential	--</td												

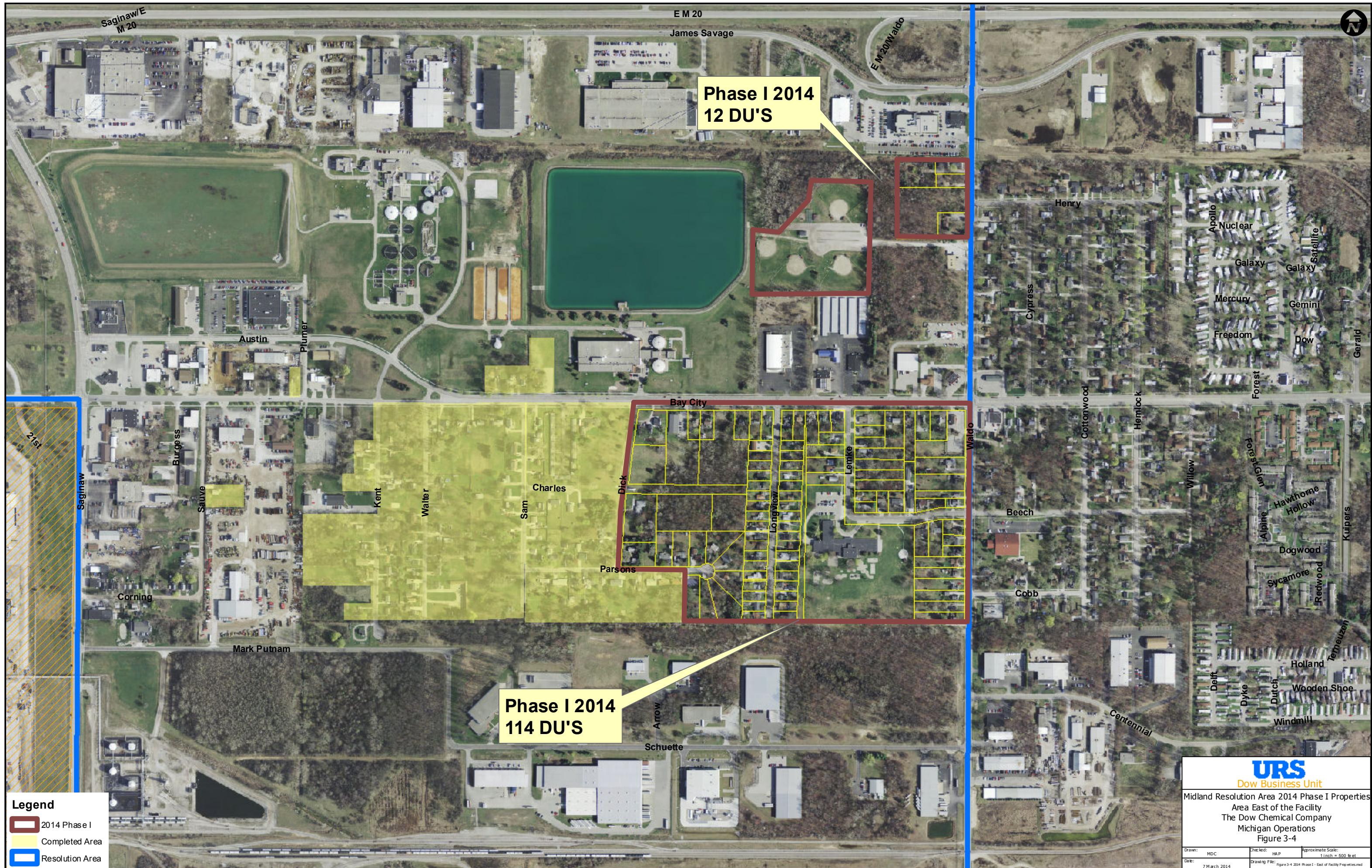
**Table 3-4**  
**Properties Identified for Land Use Monitoring**

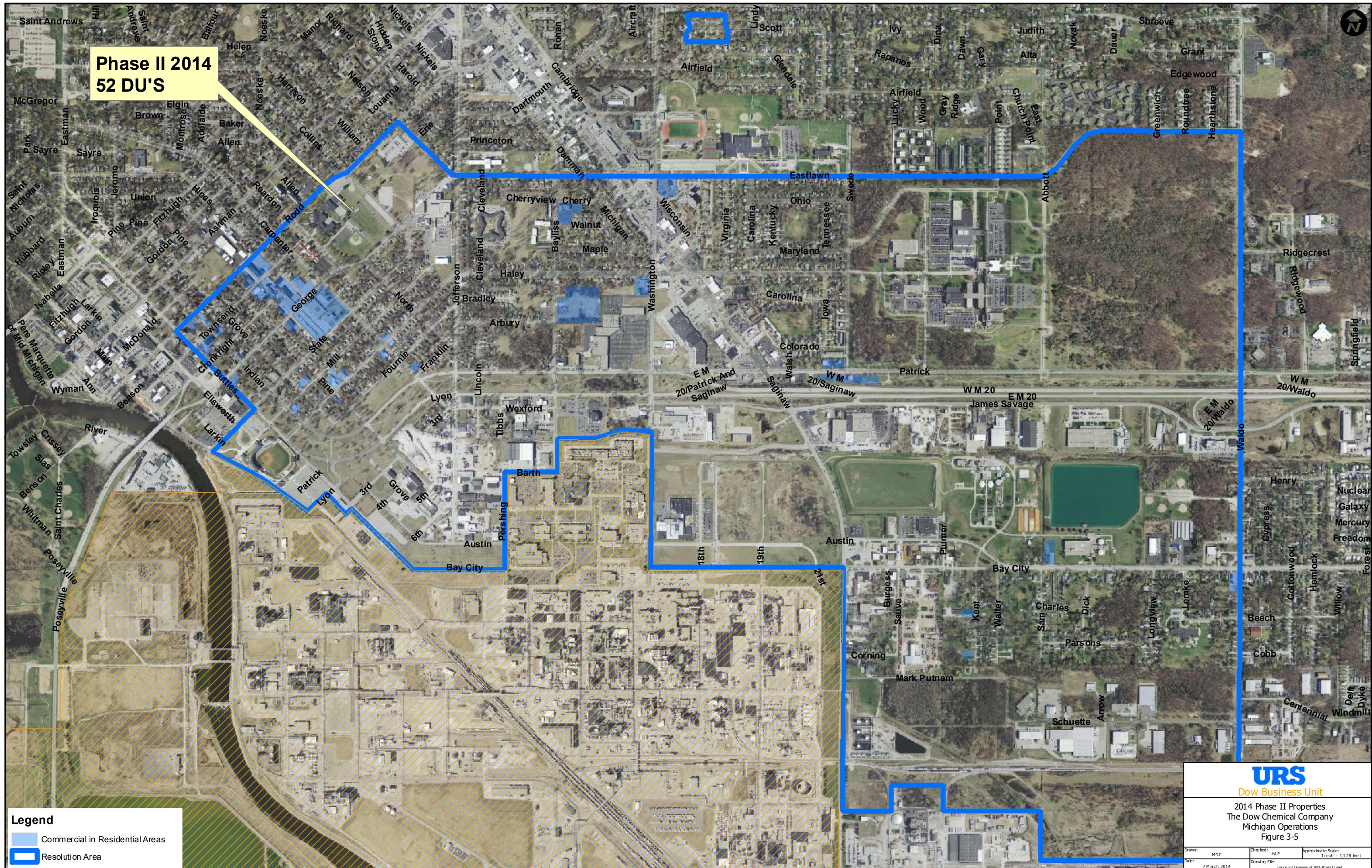
2013	14-15-50-150	701 E Patrick Rd	RC	Private Owner	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--	--
2013	14-15-60-288	701 Walnut St	RB	Private Owner	Residential	--	--	--	--	Yes	Access not granted	Not Accessed - No Response	--	--	--	--	--	--	--
2013	14-16-40-476	702 E Union St	RB	Private Owner	Residential	--	--	--	--	Yes	Access not granted	Not Accessed - No Response	--	--	--	--	--	--	--
2013	14-22-70-028	702 Jefferson Ave	IA	Private Owner	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--	--
2013	14-15-60-170	705 E Haley St	RB	Private Owner	Residential	--	--	--	--	Yes	Access not granted	Not Accessed - Owner Declined	--	--	--	--	--	--	--
2013	14-15-60-250	705 Walnut St	RB	Private Owner	Residential	--	--	--	--	Yes	Access not granted	Not Accessed - Owner Declined	--	--	--	--	--	--	--
2013	14-16-40-392	706 Cronkright St	RB	Private Owner	Residential Like	--	--	--	--	Yes	Access not granted	Not Accessed - No Response	--	--	--	--	--	--	--
2013	14-16-40-490	706 State St	RB	Private Owner	Residential	--	--	--	--	Yes	Access not granted	Not Accessed - No Response	--	--	--	--	--	--	--
2013	14-16-40-484	708 George St	RB	Private Owner	Residential	--	--	--	--	Yes	Access not granted	Not Accessed - No Response	--	--	--	--	--	--	--
2013	14-16-50-186	709 Townsend St	RC	Private Owner	Non-Residential	8/14/2013	Verified non-residential use	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--	--
2013	14-16-40-478	712 George St	IA	Private Owner	Non-Residential	8/14/2013	Verified non-residential use	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--	--
2013	14-16-50-008	712 Townsend St	RC	Private Owner	Non-Residential	8/14/2013	Verified non-residential use	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--	--
2013	14-16-40-314	713 E. Carpenter St	RA4	Private Owner	Residential	--	--	--	--	Yes	Access not granted	Not Accessed - Owner Declined	--	--	--	--	--	--	--
2013	14-16-40-402	715 George St	IA	Private Owner	Non-Residential	8/14/2013	Verified non-residential use	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--	--
2013	14-16-50-188	715 Townsend St	RC	Private Owner	Non-Residential	8/14/2013	Verified non-residential use	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--	--
2013	14-16-40-488	716 State St	RB	Private Owner	Residential	--	--	--	--	Yes	Access not granted	Not Accessed - Owner Declined	--	--	--	--	--	--	--
2013	14-22-70-016	720 Jefferson Ave	IA	Jej Real Estate Llc	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--	--
2013	14-22-70-086	721 Pershing St	IA	Dow Chemical Co	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--	--
2013	14-22-80-450	800 E Lyon Rd	IA	City Of Midland	Non-Residential	11/15/2013	No defined use and does not	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--	--
2013	14-22-70-010	800 Jefferson Ave	IA	Jej Real Estate Llc	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--	--
2013	14-16-40-372	800 Townsend St	IA	Cohoons Elevator Inc	Non-Residential	8/14/2013	Verified non-residential use	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--	--
2013	14-16-40-368	802 Townsend St	IA	Cohoons Elevator Inc	Non-Residential	8/14/2013	Verified non-residential use	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--	--
2013	14-16-60-030	803 & 809 Townsend St	MULT	Private Owner	Non-Residential	8/14/2013	Verified non-residential use	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--	--
2013	14-16-40-512	803 State St	RB	Midland School Dist-State Stre	Non-Residential	8/14/2013	Verified non-residential use	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--	--
2013	14-16-40-380	805 George St	IA	Grand Trunk Western Railroad C	Non-Residential	8/14/2013	Verified non-residential use	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--	--
2013	14-22-70-092	805 Pershing St	IA	Private Owner	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--	--
2013	14-16-40-606	810 State St	RA4	Private Owner	Residential	--	--	--	--	Yes	Access not granted	Not Accessed - Owner Declined	--	--	--	--	--	--	--
2013	14-16-40-590	814 E Carpenter St	RA4	Citi Mortgage Inc	Residential	--	--	--	--	Yes	Access not granted	Not Accessed - No Response	--	--	--	--	--	--	--
2013	14-16-40-246	815 North St	RA4	Private Owner	Residential	--	--	--	--	Yes	Access not granted	Not Accessed - No Response	--	--	--	--	--	--	--
2013	14-16-40-540	815 State St	RB	Midland School Dist-State Stre	Non-Residential	8/14/2013	Verified non-residential use	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--	--
2013	14-22-70-004	820 Jefferson Ave	IA	Acker Office Property Llc	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--	--
2013	14-23-20-490	827 Waldo Ave	RC	Private Owner	Non-Residential	8/14/2013	No defined use and does not	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--	--
2013	14-22-80-306	900 Jefferson Ave	IA	Acker Office Property Llc	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--	--
2013	14-15-30-490	910 Eastlawn Dr	OS	Teeth & Torts Development LLC	Non-Residential	8/14/2013	Verified non-residential use	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--	--
2013	14-22-80-370	915 Bayliss St	IA	Faulkner Construction Company	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--	--
2013	14-16-40-180	915 E Carpenter St	NC	Balciiks Super Service	Non-Residential	8/14/2013	Verified non-residential use	1/21/2014	No change	Yes	Current zoning potentially allows for residential-like use	Non-Residential Property	--	--	--	--	--	--	--
2013	14-22-80-300	920 Jefferson Ave	IA	Fisher Sand & Gravel	Non-Residential	11/15/2013	Verified non-residential use	1/21/2014	No change	No	Verified Non-Residential Property	Non-Residential Property	--	--	--	--	--	--	--











## 4.0 Overview of 2013 and Data Evaluation

2013 work began in April 2013, and was implemented on a DU-by-DU basis. The work performed in 2013 focused on the remaining properties within the Midland Resolution Area (including the 2014 Phase I sampling). The 2013 implementation plan included sampling of 823 DUs and performing presumptive remedies at 76 DUs. To facilitate timely completion of remedy work as early as possible in the spring of 2014, an additional 362 DUs were added in a letter work plan submitted via email on September 19, 2013. MDEQ provided a partial approval on September 25, 2013, with their final approval with modifications of the 2013 Additional Work on October 14, 2013.

Laboratory results from 2014 Phase I and available confirmation analyses are summarized in Tables 4-1 and 4-2, respectively. The results from the 2013 sampling activities are presented in the table below.

<b>2013 Totals</b>	<b>2013 Number of Properties / DUs</b>	<b>2014 Phase I Number of Properties /DUs</b>
Verified Non-Residential Properties	80	6
Residential or Residential-like Properties	816 / 858	328/396
<b>Total Year 2 Properties</b>	<b>896 / 938</b>	<b>334 / 402</b>
Signed Access Agreements	823 (DUs) <sup>a, b</sup>	379
Properties Sampled	823 (DUs) <sup>a, b</sup>	362 <sup>d</sup>
Declined to Participate	16 <sup>c</sup>	5
No Response from Property Owner	26	12

<sup>a</sup> Access agreements received late for sixteen (16) 2012 properties. These properties were sampled during 2013 and the results are discussed in this report.

<sup>b</sup> Access agreements were received late for six (6) 2013 properties. These properties were sampled with the Early Start to 2014 (2014 Phase I) and the results will be discussed in the 2014 (Year 3) Annual Report.

<sup>c</sup> Three (3) properties are owned by one property owner. Dow and its representatives received a verbal decline to participate but do not have a signed document.

<sup>d</sup> Access agreements were received late for seventeen (17) 2014 Phase I properties. These properties will be sampled with the 2014 Phase II program and the results will be discussed in the 2014 (Year 3) Annual Report.

#### **4.1 Adaptive Management and Year 2 Data Evaluation**

Experience gained during 2013 implementation and several evaluations of the comprehensive 2013 data set (Phases I through III and 2014 Phase I) informed the adaptive management approach to address uncertainties in soil concentrations or variability in the residential properties themselves. Changes to the following portions of the Work Plan are proposed as a result of the annual review:

- Obtaining Access from Current Property Owners (Section 7.4.2 of the approved 2012 IRDC);
- Response Actions Addressing Non-Residential Land Use (Section 7.5 of the approved 2012 IRDC);

The details of the proposed changes are contained in the following sections. Further work is needed with respect to evaluation of the outer boundary of the Midland Resolution Area as stated in Section 7.1 of the approved 2012 IRDC, and Section 4.3 of this report. A number of additional evaluations were also performed where no changes to the work plan were identified, such as:

- Decision Unit (Section 7.4.1 of the Work Plan);
- Soil Testing (Section 7.4.3 of the Work Plan); and
- Evaluation of Property Development Age versus TEQ Concentration.

The statistical methods and summary of each of the evaluations are presented in Attachment C.

Of the 328 properties, twenty-one (21) samples required confirmation analysis according to Sections 3.2.2 and 3.2.3 of the approved 2013 WP-AMR. Pursuant to Section 4.4.2 of the Project Quality Assurance Project Plan, Attachment C of the approved 2012 IRDC (revised April 2013), confirmation analysis is required for 10% of the properties, so an additional 20 DUs were selected that had primary TEQ results closest to the SSAL of 250 ppt. Two (2) of the properties selected for confirmation analysis had Method 8280 MAS TEQ concentration below 220 ppt but 95% UCL of the mean of three replicates above the SSAL. Presumptive remedy will be completed for these two (2) properties consistent with the decision rules contained in the Section

3.2.2 and 3.2.3 of the approved 2013 WP-AMR.

## ***4.2 Adaptive Management Recommendations for Changes***

The following section presents the proposed modifications to the design implemented in 2013 for the 2014 implementation activities.

### ***4.2.1 Obtaining Access from Current Property Owners***

In addition to the minor form changes described in Section 3.2.1 of the approved 2013 WP-AMR, additional efforts have been made to obtain access from the remaining forty-six (46) properties that have not granted access for sampling. Of these properties, eighteen (18) have declined access, and twenty-eight (28) have not provided a response. Tables 4-3 and 4-4 summarize the status of each of these properties, respectively. A number of these properties are in the process of going through tax or bank foreclosure, and efforts to obtain access from the relevant financial institutions are being initiated to allow for the sampling.

For the remaining properties, the Midland Resolution Center staff has included an initial letter, a first and second follow-up telephone call, certified letter, and an in-person visit. Staff have continued to try to make contact with the properties that have not provided responses throughout the year by conducting additional in-person visits on 5/9/13, 6/13/13, 8/20-22/13, 10/24/13. Each of the remaining properties also received another letter requesting access that was sent on February 28, 2014.

To facilitate responses for the remaining properties, it is recommended that the Department of Environmental Quality (DEQ) provide formal correspondence to each of the properties that have not responded, indicating Dow is required to request access to fulfill their obligations, urging property owners or authorized representatives to contact the Midland Resolution Center to provide access. A mailing list for the relevant properties, access agreements and other communication materials will be provided to DEQ separately.

Staff at the Midland Resolution center will continue to make reasonable efforts to obtain access from remaining property owners through September 2014. After this date, the remaining properties will need to be monitored consistent with the monitoring work plan that will be developed and submitted as required by Section 7.6.3 of the IRDC.

For non-residential property (which are typically businesses), the Midland Soils Sampling and Cleanup Activities Agreement Forms form have been modified to allow for access to be granted by an authorized representative, and are included in Attachment D.

#### ***4.2.2 Response Actions Addressing Non-Residential Land Use***

As stated above, a limited number of non-residential properties adjacent to contiguous residential property blocks will be incorporated into the sampling program planned for implementation during 2014 Phase II. These properties are being included into the sampling program because they are largely surrounded or located within predominantly residential areas. Long term land use may reasonably be residential use. Section 7.5 of the approved 2012 IRDC does not include a number of procedural details with respect to performing sampling and conducting remedy for non-residential property, therefore this report is adding the following provisions for use in conducting Response Actions on the Non-Residential Properties listed in Table 3-3 of this report:

- Decision Units will be consistent with Section 7.4.1 of the approved 2012 IRDC.
- Obtaining Access from Current Property Owners or authorized representative will be consistent with Section 7.4.1 of the approved 2012 IRDC, including the modifications made in Section 3.2.1 of the approved 2013 WP-AMR;
- Soil Testing will be consistent with Section 7.4.1 of the approved 2012 IRDC;
- Analytical Methods will be consistent with Section 3.2.2 of the approved 2013 WP-AMR;
- Communicating results to the property owner or authorized representative will be consistent with Section 7.4.5 of the approved 2012 IRDC; and
- Completion of the presumptive remedy will be consistent with Section 7.4.7 of the approved 2012 IRDC.

#### **4.2.2.1      *Decision Rules for Non-Residential Land Use***

Although the generic MDEQ direct contact criterion for dioxins and furans is 990 ppt TEQ for non-residential land use, the decision rules for implementation of remedy of sampled non-residential properties listed in Table 3-3 of this report will be as described below.

The first of the three composites collected in a single DU will be tested at the laboratory by Method 8280 MAS. If the result indicates that a concentration less than or equal to 220 ppt TEQ, soil testing is complete and cleanup of the property will not be necessary. If the result determines a concentration greater than 250 ppt TEQ, Dow shall complete a presumptive remedy for the DU or demonstrate the concentration is below the residential SSAL of 250 ppt TEQ by testing of all three replicates using EPA Method 1613b with a DB-5ms (or equivalent) column (subject to existing QAPP requirements [Attachment C of the approved 2012 IRDC, revised April 2013]). Method 8280 MAS concentrations measured greater than 220 ppt TEQ and less than or equal to 250 ppt TEQ will result in testing of all three replicates by EPA Method 1613b using a DB-5ms (or equivalent) column. All 1613b analysis may also involve a second column confirmation as determined to be appropriate by Dow. If a second column confirmation analysis is performed, those results will be used for remedial decisions, as described below. Based on evaluations to date, there is limited evidence to suggest that additional testing will be valuable where the Method 8280 MAS result was greater than 300 ppt TEQ. A 95% Upper Confidence Limit (UCL) will be developed from the three analytical results from the EPA Method 1613b testing. The 95% UCL will be compared to the residential SSAL of 250 ppt TEQ. If the 95% UCL is less than or equal to 250 ppt TEQ, performance of the presumptive remedy at the property will not be necessary. If the 95% UCL is greater than 250 ppt TEQ, performance of the presumptive remedy will be implemented as specified in the Work Plan at that DU.

#### **4.2.2.2      *Property-Specific Plan for Presumptive Remedy***

The presumptive remedy for each non-residential property listed in Table 3-3 that undergoing remediation will include removal of the upper twelve inches (12") of existing landscaping and soil, followed by replacement with new soil, lawn, and landscaping. Adjustments to this default plan will be made for properties as required to preserve non-replaceable plants and mature trees.

For properties where the presumptive remedy is required, Dow will make best efforts to obtain appropriate access from the property owners or authorized representative for implementation of the property-specific presumptive remedy. During a property visit, Dow will communicate details regarding the presumptive remedy sampling effort and possible implications based on analytical results. Dow, along with the property owner or authorized representative, will develop and document property-specific remedy plans that meet the work plan objectives and address special concerns of the property owner. At this time, the property owner or authorized representative will have the opportunity to communicate specific concerns regarding unique features of their property. These unique features will be documented on the agreement form (see Midland Soils Cleanup Agreement Form in Attachment D of this report).

During the property visit and after the site-specific plans are identified, Dow or its contractors will request access to Dow, MDEQ and the implementation contractor to implement the presumptive remedy activities. Approval to access the property to implement actions and complete follow-up activities will be documented on the agreement form (see Midland Soils Cleanup Agreement Form in Attachment D of this report).

A schedule of field activities will be provided to the property owner or authorized representative. Coordination of field activities will be planned in a manner to minimize impact to commercial business or property and to complete work in the same construction season in which the samples were collected, to the best of Dow's ability.

As shown in Table 4-5, yard areas at residential DUs sampled have ranged from a minimum of 10% of the property area to the full property (e.g. no structures or pavement present). While the non-residential properties proposed for sampling are also within this range (see Table 4-6), there are a small number of properties with <10% lawn area. This means that much of the property is currently occupied by paved areas or buildings. Consistent with typical construction practices, paved areas and building top soil would have been removed to provide a suitable sub-base for adequate structural support. However, extreme cases may be included on a case-by-case basis in

long term monitoring program described in Section 7.6.3 of the approved 2012 IRDC. Presumptive remedy performed at non-residential properties listed in Table 3-3 will follow the Decision Rules identified in 4.2.2.1 will result in the ability for unrestricted use in its current configuration. Certain properties with very limited lawn areas may require further consideration prior to receiving a ‘no further action’ designation from MDEQ, and it is anticipated that this decision point will be established in cooperation with MDEQ during the spring of 2014.

#### ***4.3 Evaluation of the Outer Boundary of the Midland Resolution Area***

The purpose of the boundary is to definitively establish an area beyond which no remedy is offered. The final boundary will be defined when the available incremental compositing data show that areas beyond the proposed boundary will be less than 250 ppt TEQ. This will generally be accomplished where three properties in a row, moving outward from the Michigan Operations plant, and determined to be below the SSAL (taking nature of contamination, physical features and age of property development into account). Roadways will not be counted as a “property” for this purpose, but may be used to delineate the final boundary if clean properties are on either side.

As stated in Section 7.1 of the approved 2012 IRDC, and Section 2.2 of this report, the existing multi-incremental sample results, their locations with respect to the established boundary, the age of properties along the boundary, and the nature of the dioxin and furan distribution along the boundary needs to be jointly reviewed and evaluated after the results of sampling at I-008 and I-010 (described in Section 2.2.1 of this report) are available. Changes to the boundary will be considered at that time in cooperation with MDEQ. If necessary a revised boundary will be proposed by Dow and individual DU sampling plans prepared and submitted to DEQ for review and approval.

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	132072		132073		132074		132075		132076	
Sample Description	Primary Sample 1033 Scott St	Flag	Primary Sample 2206 Carolina St	Flag	Primary Sample 1010 Eastlawn Dr - DU A	Flag	Primary Sample 1010 Eastlawn Dr - DU B	Flag	Primary Sample 1010 Eastlawn Dr - DU C	Flag
Sample Date	8/23/2013		11/19/2013		11/19/2013		11/19/2013		11/19/2013	
wet weight [g]	28		24.5		25.5		24.7		25.8	
moisture [%]	8.1%		19.8%		17.0%		19.4%		16.6%	
2378-TCDF [ng/kg d.w.]	8.66	J	26.4	J	15.4	J	7.80	J,Y	9.07	J,Y
2378-TCDD [ng/kg d.w.]	23.5		51.4		25.5	J	12.8	J	12.9	J
23478-PeCDF [ng/kg d.w.]	9.48	J	27.8	J	19.3	J	9.13	J,Y	12.2	J,Y
12378-PeCDD [ng/kg d.w.]	11.3	J	33.5	J	19.2	J	10.4	J	9.77	J,Y
1234(6)78-HxCDF [ng/kg d.w.]	17.0	J	52.8	J	27.0	J	16.4	J,Y	18.4	J
1234(6)78-HxCDD [ng/kg d.w.]	28.9	J	72.5	J	37.0	J	20.8	J	26.4	J
123789-HxCDD [ng/kg d.w.]	15.3	J	35.6	J	21.1	J	11.8	J	14.2	J
1234678-HpCDF [ng/kg d.w.]	123		499		178	Y	119		148	
1234678-HpCDD [ng/kg d.w.]	400		944		507		304		358	
OCDF [ng/kg d.w.]	281		1520		413		250		319	
OCDD [ng/kg d.w.]	3770		9370		5030		4400		4360	
<b>ETEQ (ND=0.5 LoD)</b>	<b>53.6</b>		<b>137</b>		<b>72.5</b>		<b>39.2</b>		<b>41.6</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	132077		132078		132079		132080		132081	
Sample Description	Primary Sample 408 Lemke St - DU A	Flag	Primary Sample 408 Lemke St - DU B	Flag	Primary Sample 309 Longview St	Flag	Primary Sample 1519 Maryland St	Flag	Primary Sample 2113 Tennessee St	Flag
Sample Date	11/19/2013		11/19/2013		11/19/2013		11/19/2013		11/19/2013	
wet weight [g]	25.6		23.1		24.8		25.2		23.5	
moisture [%]	15.0%		23.2%		20.4%		17.3%		22.2%	
2378-TCDF [ng/kg d.w.]	17.8		30.1		20.9		19.2		35.3	
2378-TCDD [ng/kg d.w.]	29.0		67.7		48.8		75.4		102	
23478-PeCDF [ng/kg d.w.]	21.7	J	33.5	J	23.1	J	25.0	J	36.1	J
12378-PeCDD [ng/kg d.w.]	27.6	J	44.3		35.5		46.3		58.1	
1234(6)78-HxCDF [ng/kg d.w.]	39.6	J	67.0		44.7	J	51.2	J	66.1	J
1234(6)78-HxCDD [ng/kg d.w.]	62.6	J	103		76.8		72.1		87.8	
123789-HxCDD [ng/kg d.w.]	33.9		52.8		40.0		35.7		41.0	
1234678-HpCDF [ng/kg d.w.]	603		907		584		481		632	
1234678-HpCDD [ng/kg d.w.]	765		1150		1010		953		1180	
OCDF [ng/kg d.w.]	871		1330		1020		1110		1260	
OCDD [ng/kg d.w.]	7820		11600		9590		10000		12900	
<b>ETEQ (ND=0.5 LoD)</b>	<b>99.5</b>		<b>181</b>		<b>135</b>		<b>173</b>		<b>228</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140005		140006		140007		140008		140009	
Sample Description	Primary Sample 235 Waldo Ave	Flag	Primary Sample 2805 Parsons Ct	Flag	Primary Sample 3101 Beech St	Flag	Primary Sample 835 Waldo Ave	Flag	Primary Sample 837 Waldo Ave	Flag
Sample Date	11/8/2013		11/8/2013		11/8/2013		11/8/2013		11/8/2013	
wet weight [g]	26.2		26		25.9		24.5		25.5	
moisture [%]	13.1%		15.2%		14.8%		19.1%		15.8%	
2378-TCDF [ng/kg d.w.]	11.3	J	19.8	J	8.71	J	19.5	J	18.2	J
2378-TCDD [ng/kg d.w.]	21.5	J	27.1	J	12.9	J	37.7		23.7	J
23478-PeCDF [ng/kg d.w.]	14.3	J	19.2	J	9.41	J	28.7	J	31.6	J
12378-PeCDD [ng/kg d.w.]	17.0	J	23.7	J	12.6	J	30.4	J	25.4	J
1234(6)78-HxCDF [ng/kg d.w.]	28.0	J	36.3	J	20.3	J	66.9	J	64.9	J
1234(6)78-HxCDD [ng/kg d.w.]	39.8	J	55.1	J	31.0	J	84.6	J	87.2	J
123789-HxCDD [ng/kg d.w.]	20.1	J	28.5	J	16.5	J	41.0	J	47.4	J
1234678-HpCDF [ng/kg d.w.]	358		535		252		1030		1040	
1234678-HpCDD [ng/kg d.w.]	508		727		376		1200		1330	
OCDF [ng/kg d.w.]	574		860		372		1530		1340	
OCDD [ng/kg d.w.]	4810		7140		3460		11900		12300	
<b>ETEQ (ND=0.5 LoD)</b>	<b>66.2</b>		<b>89.8</b>		<b>45.6</b>		<b>130</b>		<b>113</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140010		140011		140012		140013		140014	
Sample Description	Primary Smaple 2801 Parsons Ct - DU B	Flag	Primary Sample 1417 Maryland St	Flag	Primary Sample 2003 Swede Ave	Flag	Primary Sample 2303 Carolina St	Flag	Primary Sample 351 Dick St	Flag
Sample Date	11/8/2013		11/15/2013		11/15/2013		11/15/2013		11/15/2013	
wet weight [g]	25.1		25		24.4		24.1		26	
moisture [%]	17.7%		16.8%		19.6%		21.3%		14.1%	
2378-TCDF [ng/kg d.w.]	56.0		20.8	J	33.8	J	338		16.8	J
2378-TCDD [ng/kg d.w.]	102		51.9		128		60.8		30.0	
23478-PeCDF [ng/kg d.w.]	58.4	J	23.9	J	42.5	J	151		20.3	J
12378-PeCDD [ng/kg d.w.]	81.0	J	32.8	J	75.1	J	30.4	J	25.0	J
1234(6)78-HxCDF [ng/kg d.w.]	113	J	41.5	J	80.4	J	152	J	42.5	J
1234(6)78-HxCDD [ng/kg d.w.]	175	J	49.0	J	96.1	J	55.2	J	66.2	J
123789-HxCDD [ng/kg d.w.]	89.1		24.8	J	47.5	J	28.4	J	32.8	J
1234678-HpCDF [ng/kg d.w.]	1610		350		791		331		715	
1234678-HpCDD [ng/kg d.w.]	1900		626		1400		751		859	
OCDF [ng/kg d.w.]	2220		661		1480		725		1120	
OCDD [ng/kg d.w.]	18300		6830		14300		7210		8650	
<b>ETEQ (ND=0.5 LoD)</b>	<b>300</b>		<b>123</b>		<b>282</b>		<b>217</b>		<b>100</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140020		140021		140022		140023		140024	
Sample Description	604 E Haley St	Flag	Primary Sample 2004 Carolina St	Flag	Primary Sample 2110 Carolina St	Flag	Primary Sample 2824 Bay City Rd	Flag	Primary Sample 2924 Bay City Rd	Flag
Sample Date	10/21/2013		11/1/2013		11/1/2013		11/1/2013		11/1/2013	
wet weight [g]	24.5		24.9		24.9		24.3		24.1	
moisture [%]	19.8%		18.6%		18.2%		19.2%		20.1%	
2378-TCDF [ng/kg d.w.]	38.3	J	39.0	J	35.5	J	20.6	J	15.9	J
2378-TCDD [ng/kg d.w.]	76.1		62.3		60.5		37.0	J	37.3	J
23478-PeCDF [ng/kg d.w.]	40.4	J	39.9	J	32.8	J	24.4	J	19.9	J
12378-PeCDD [ng/kg d.w.]	41.9	J	45.5	J	36.0	J	29.2	J	24.0	J
1234(6)78-HxCDF [ng/kg d.w.]	76.6	J	73.8	J	61.1	J	52.2	J	41.3	J
1234(6)78-HxCDD [ng/kg d.w.]	93.2	J	94.9	J	77.8	J	80.7	J	56.7	J
123789-HxCDD [ng/kg d.w.]	46.1	J	42.6	J	37.9	J	42.7	J	31.1	J
1234678-HpCDF [ng/kg d.w.]	696		578		523		902		557	Y
1234678-HpCDD [ng/kg d.w.]	1250		1130		1010		1090		781	
OCDF [ng/kg d.w.]	1720		1160		1050		1640		885	
OCDD [ng/kg d.w.]	12200		11300		11100		10800		7490	
<b>ETEQ (ND=0.5 LoD)</b>	<b>188</b>		<b>174</b>		<b>154</b>		<b>123</b>		<b>103</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140025		140026		140027		140028		140029	
Sample Description	Primary Sample 2107 Carolina St	Flag	Primary Sample 2801 Parsons Ct DU A	Flag	Primary Sample 340 Longview St	Flag	Primary Sample 336 Longview St	Flag	Primary Sample 304 Longview St	Flag
Sample Date	11/1/2013		11/1/2013		11/1/2013		11/1/2013		11/1/2013	
wet weight [g]	24.6		25.5		24.5		24.6		24.6	
moisture [%]	19.9%		17.1%		18.6%		18.7%		20.7%	
2378-TCDF [ng/kg d.w.]	16.2	J	7.21	J	20.3	J	73.0		136	
2378-TCDD [ng/kg d.w.]	49.3		11.9	J	35.3		48.6		44.8	
23478-PeCDF [ng/kg d.w.]	19.2	J	9.29	J	22.0	J	44.0	J	47.5	J
12378-PeCDD [ng/kg d.w.]	24.4	J	11.4	J	27.1	J	31.9	J	29.3	J
1234(6)78-HxCDF [ng/kg d.w.]	33.8	J	16.3	J	41.9	J	61.5	J	53.3	J
1234(6)78-HxCDD [ng/kg d.w.]	47.0	J	23.6	J	66.1	J	61.6	J	60.0	J
123789-HxCDD [ng/kg d.w.]	23.4	J	12.6	J	34.4	J	30.1	J	31.2	J
1234678-HpCDF [ng/kg d.w.]	310		194		618		455		507	
1234678-HpCDD [ng/kg d.w.]	686		244		833		824		963	
OCDF [ng/kg d.w.]	654		279	J	980		851		1020	
OCDD [ng/kg d.w.]	6740		2350		8060		7690		9770	
<b>ETEQ (ND=0.5 LoD)</b>	<b>109</b>		<b>39.1</b>		<b>107</b>		<b>139</b>		<b>141</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140043		140044		140045		140046		140047	
Sample Description	Primary Sample 1400 Eastlawn Dr	Flag	Primary Sample 1414 Eastlawn Dr	Flag	Primary Sample 1508 Eastlawn Dr	Flag	Primary Sample 1517 E Haley St	Flag	Primary Sample 2210 Kentucky St	Flag
Sample Date	11/4/2013		11/4/2013		11/4/2013		11/4/2013		11/4/2013	
wet weight [g]	25.7		24.8		25.6		25.1		25.3	
moisture [%]	15.0%		17.6%		17.3%		17.9%		18.2%	
2378-TCDF [ng/kg d.w.]	17.7	J	18.1	J	18.1	J	27.0	J	40.6	
2378-TCDD [ng/kg d.w.]	50.0		90.1		42.1		89.2		64.3	
23478-PeCDF [ng/kg d.w.]	18.0	J	18.9	J	17.4	J	31.1	J	39.5	J
12378-PeCDD [ng/kg d.w.]	22.9	J	24.8	J	23.5	J	46.5	J	48.8	J
1234(6)78-HxCDF [ng/kg d.w.]	32.2	J	31.3	J	30.7	J	54.1	J	80.8	J
1234(6)78-HxCDD [ng/kg d.w.]	45.2	J	46.3	J	41.0	J	69.8	J	101	J
123789-HxCDD [ng/kg d.w.]	21.9	J	24.3	J	21.4	J	34.0	J	52.9	J
1234678-HpCDF [ng/kg d.w.]	281		270		251		449		1040	
1234678-HpCDD [ng/kg d.w.]	605		619		533		937		1300	
OCDF [ng/kg d.w.]	681		578		519		999		1540	
OCDD [ng/kg d.w.]	5890		6230		5470		10200		14900	
<b>ETEQ (ND=0.5 LoD)</b>	<b>106</b>		<b>150</b>		<b>96.2</b>		<b>190</b>		<b>190</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140048		140049		140050		140051		140052	
<b>Sample Description</b>	Primary Sample 2220 Kentucky St	Flag	Primary Sample 2221 Carolina St	Flag	Primary Sample 312 Longview St	Flag	Primary Sample 313 Longview St	Flag	Primary Sample 400 Longview St	Flag
<b>Sample Date</b>	11/4/2013		11/4/2013		11/4/2013		11/4/2013		11/4/2013	
<b>wet weight [g]</b>	23.7		25.1		24.8		25.6		26	
moisture [%]	21.2%		18.9%		18.4%		15.0%		16.1%	
2378-TCDF [ng/kg d.w.]	17.4	J	31.3	J	17.8	J	29.5	J	13.1	J
2378-TCDD [ng/kg d.w.]	74.5		57.3		40.4		50.0		23.5	J
23478-PeCDF [ng/kg d.w.]	19.3	J	34.7	J	21.7	J	31.5	J	19.7	J
12378-PeCDD [ng/kg d.w.]	33.9	J	34.2	J	30.8	J	41.6	J	23.7	J
1234(6)78-HxCDF [ng/kg d.w.]	36.5	J	52.3	J	39.5	J	60.2	J	36.8	J
1234(6)78-HxCDD [ng/kg d.w.]	66.6	J	67.4	J	64.7	J	95.5	J	59.8	J
123789-HxCDD [ng/kg d.w.]	35.1	J	32.7	J	34.6	J	51.6	J	30.1	J
1234678-HpCDF [ng/kg d.w.]	338		404		542		756		654	
1234678-HpCDD [ng/kg d.w.]	923		813		866		1230		754	
OCDF [ng/kg d.w.]	850		827		979		1190		830	
OCDD [ng/kg d.w.]	9730		8070		8170		11500		7300	
<b>ETEQ (ND=0.5 LoD)</b>	<b>153</b>		<b>142</b>		<b>116</b>		<b>155</b>		<b>87.9</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140053		140054		140055		140056		140057	
<b>Sample Description</b>	Primary Sample 404 Longview St	Flag	Primary Sample 416 Longview St	Flag	Primary Sample 3111 Beach St	Flag	Primary Sample 421 Lemke St	Flag	Primary Sample 2109 Swede Ave - DU A	Flag
<b>Sample Date</b>	11/4/2013		11/4/2013		11/4/2013		11/4/2013		11/4/2013	
<b>wet weight [g]</b>	25.1		24.7		25.5		25		24.4	
moisture [%]	17.9%		18.8%		15.5%		18.6%		20.9%	
2378-TCDF [ng/kg d.w.]	15.2	J	18.9	J	16.0	J	18.3	J	37.3	J
2378-TCDD [ng/kg d.w.]	28.5	J	41.9		18.6	J	39.7		131	
23478-PeCDF [ng/kg d.w.]	47.7	J	24.7	J	16.7	J	22.2	J	39.8	J
12378-PeCDD [ng/kg d.w.]	25.8	J	35.8	J	18.8	J	30.3	J	66.3	J
1234(6)78-HxCDF [ng/kg d.w.]	47.7	J	52.1	J	34.9	J,Y	46.9	J	67.4	J
1234(6)78-HxCDD [ng/kg d.w.]	86.6	J	78.5	J	45.3	J	71.4	J	99.0	J
123789-HxCDD [ng/kg d.w.]	43.6	J	48.0	J	30.2	J	37.6	J	49.2	J
1234678-HpCDF [ng/kg d.w.]	396		755		420		741		608	
1234678-HpCDD [ng/kg d.w.]	750		993		555		876		1370	
OCDF [ng/kg d.w.]	638		1300		657		1050		1510	
OCDD [ng/kg d.w.]	5650		9640		5010		8870		14900	
<b>ETEQ (ND=0.5 LoD)</b>	<b>106</b>		<b>132</b>		<b>69.7</b>		<b>119</b>		<b>272</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140058		140059		140060		140061		140062	
Sample Description	Primary Sample 2109 Swede Ave - DU B	Flag	Primary Sample 2110 Tennessee St	Flag	Primary Sample 1414 Maryland St	Flag	Primary Sample 1502 Maryland St	Flag	Primary Sample 2214 Virginia St	Flag
Sample Date	11/4/2013		11/4/2013		11/4/2013		11/4/2013		11/4/2013	
wet weight [g]	24.6		25.4		25		25.1		25.1	
moisture [%]	18.6%		18.0%		18.2%		16.6%		18.6%	
2378-TCDF [ng/kg d.w.]	30.6	J	12.8	J,Y	20.0	J	40.5	J	23.7	J
2378-TCDD [ng/kg d.w.]	88.4		72.8		81.5		69.4		50.7	
23478-PeCDF [ng/kg d.w.]	34.9	J	24.0	J	22.4	J	36.5	J	23.7	J
12378-PeCDD [ng/kg d.w.]	53.1	J	37.2	J	49.5	J	49.2	J	32.2	J
1234(6)78-HxCDF [ng/kg d.w.]	61.5	J	40.9	J	51.1	J	62.7	J	42.8	J
1234(6)78-HxCDD [ng/kg d.w.]	85.9	J	55.6	J	88.7	J	75.6	J	64.9	J
123789-HxCDD [ng/kg d.w.]	43.4	J	27.5	J	45.0	J	36.6	J	30.4	J
1234678-HpCDF [ng/kg d.w.]	621		352		837		554		381	
1234678-HpCDD [ng/kg d.w.]	1310		694		1310		930		843	
OCDF [ng/kg d.w.]	1520		783		2240		956		788	
OCDD [ng/kg d.w.]	14000		7780		11800		10500		8390	
<b>ETEQ (ND=0.5 LoD)</b>	<b>208</b>		<b>151</b>		<b>193</b>		<b>177</b>		<b>127</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140063		140064		140065		140066		140067	
Sample Description	Primary Sample 1307 E Haley St	Flag	Primary Sample 1309 E Haley St	Flag	Primary Sample 1401 E Haley St	Flag	Primary Sample 1513 E Haley St	Flag	Primary Sample 1605 E Haley St	Flag
Sample Date	11/6/2013		11/6/2013		11/6/2013		11/6/2013		11/6/2013	
wet weight [g]	25.7		24.7		25.2		25.6		24.9	
moisture [%]	16.1%		19.7%		16.9%		17.6%		17.2%	
2378-TCDF [ng/kg d.w.]	29.0		677		37.4		24.3		26.3	
2378-TCDD [ng/kg d.w.]	58.9		80.4		66.5		38.7		72.3	
23478-PeCDF [ng/kg d.w.]	32.7		214		42.7		21.2	J	26.6	J
12378-PeCDD [ng/kg d.w.]	40.2		56.9		48.8		30.5		50.6	
1234(6)78-HxCDF [ng/kg d.w.]	60.8		183		77.6		36.4	J	50.0	J
1234(6)78-HxCDD [ng/kg d.w.]	78.0		96.9		89.2		48.6	J	65.4	
123789-HxCDD [ng/kg d.w.]	37.5		47.0		45.0		23.8	J	32.6	
1234678-HpCDF [ng/kg d.w.]	513		614		551		285		436	
1234678-HpCDD [ng/kg d.w.]	1020		1200		1020		659		834	
OCDF [ng/kg d.w.]	951		1360		920		605		866	
OCDD [ng/kg d.w.]	10700		12100		10800		7180		8890	
<b>ETEQ (ND=0.5 LoD)</b>	<b>155</b>		<b>340</b>		<b>181</b>		<b>106</b>		<b>172</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140068		140069		140070		140071		140072	
<b>Sample Description</b>	Primary Sample 2113 Kentucky St	Flag	Primary Sample 2207 Kentucky St	Flag	Primary Sample 2212 Kentucky St	Flag	Primary Sample 416 Lemke St - DU A	Flag	Primary Sample 416 Lemke St - DU B	Flag
<b>Sample Date</b>	11/6/2013		11/6/2013		11/6/2013		11/15/2013		11/15/2013	
<b>wet weight [g]</b>	26		26.2		26.5		27.7		25	
moisture [%]	18.6%		18.9%		20.2%		14.1%		17.8%	
2378-TCDF [ng/kg d.w.]	22.0		15.5		20.1		15.6		30.2	
2378-TCDD [ng/kg d.w.]	51.1		49.6		58.3		26.9		57.1	
23478-PeCDF [ng/kg d.w.]	24.6		18.8	J	22.1	J	19.8	J	34.4	
12378-PeCDD [ng/kg d.w.]	34.2		29.0		35.0		24.9	J	53.3	
1234(6)78-HxCDF [ng/kg d.w.]	44.1	J	35.8	J	43.0	J	41.4	J	76.5	
1234(6)78-HxCDD [ng/kg d.w.]	64.8		53.5	J	63.4		61.0		130	
123789-HxCDD [ng/kg d.w.]	32.2		27.3		32.0		31.3		69.8	
1234678-HpCDF [ng/kg d.w.]	368		274		376		551		1120	
1234678-HpCDD [ng/kg d.w.]	815		659		864		710		1480	
OCDF [ng/kg d.w.]	747		601		855		837		1620	
OCDD [ng/kg d.w.]	10200		7000		8100		6390		13900	
<b>ETEQ (ND=0.5 LoD)</b>	<b>130</b>		<b>114</b>		<b>138</b>		<b>91.8</b>		<b>191</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140073		140074		140075		140080		140081	
Sample Description	Primary Sample 833 Waldo Ave - DU A	Flag	Primary Sample 833 Waldo Ave - DU B	Flag	Primary Sample 337 Lemke St - 12" Sample	Flag	Primary Sample 2106 Carolina St	Flag	Primary Sample 2115 Carolina St	Flag
Sample Date	11/15/2013		11/15/2013		11/15/2013		11/18/2013		11/18/2013	
wet weight [g]	25.1		25.6		31.1		25.6		24.1	
moisture [%]	19.2%		18.1%		14.5%		17.0%		20.9%	
2378-TCDF [ng/kg d.w.]	17.5		22.1		13.1		43.2		167	
2378-TCDD [ng/kg d.w.]	35.5		35.0		19.3		53.8		61.8	
23478-PeCDF [ng/kg d.w.]	27.6	J	29.3	J	13.4	J	35.2		90.3	
12378-PeCDD [ng/kg d.w.]	28.9	J	29.9	J	15.5	J	26.3	J	35.3	
1234(6)78-HxCDF [ng/kg d.w.]	69.1	J	58.2	J	28.2	J	61.0	J	114	
1234(6)78-HxCDD [ng/kg d.w.]	104		75.1	J	36.4	J	63.1	J	75.5	
123789-HxCDD [ng/kg d.w.]	48.5		37.9	J	18.5	J	28.3	J	37.1	
1234678-HpCDF [ng/kg d.w.]	1090	Y	921		327		501	Y	488	
1234678-HpCDD [ng/kg d.w.]	1210		989		429		974		1040	
OCDF [ng/kg d.w.]	1420		1370		496		1510		1080	
OCDD [ng/kg d.w.]	11400		11200		4290		10900		9730	
<b>ETEQ (ND=0.5 LoD)</b>	<b>129</b>		<b>122</b>		<b>60.4</b>		<b>135</b>		<b>191</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140082		140083		140084		140085		140086	
<b>Sample Description</b>	Primary Sample 2800 Bay City Rd	Flag	Primary Sample 300 Longview St	Flag	Primary Sample 308 Longview St	Flag	Primary Sample 3128 Bay City Rd - DU A	Flag	Primary Sample 3128 Bay City Rd - DU B	Flag
<b>Sample Date</b>	11/18/2013		11/18/2013		11/18/2013		11/18/2013		11/18/2013	
<b>wet weight [g]</b>	25		24.6		24.7		23.9		25	
moisture [%]	17.6%		18.9%		19.5%		21.6%		16.6%	
2378-TCDF [ng/kg d.w.]	27.6		16.0		19.9		60.2		378	
2378-TCDD [ng/kg d.w.]	51.8		33.7		54.7		48.0		40.4	
23478-PeCDF [ng/kg d.w.]	36.6		18.1	J	21.6	J	50.2		171	
12378-PeCDD [ng/kg d.w.]	39.6		23.9		33.0		38.6		36.8	
1234(6)78-HxCDF [ng/kg d.w.]	76.0		36.3	J	42.6	J	89.8		187	
1234(6)78-HxCDD [ng/kg d.w.]	105		61.2		71.6		99.6		83.6	
123789-HxCDD [ng/kg d.w.]	56.4		31.6		36.2		53.3		44.6	
1234678-HpCDF [ng/kg d.w.]	1190		589		589		946		877	
1234678-HpCDD [ng/kg d.w.]	1360		960		892		1220		1090	
OCDF [ng/kg d.w.]	1820		1090		973		1380		1350	
OCDD [ng/kg d.w.]	14300		9440		8360		11600		11400	
<b>ETEQ (ND=0.5 LoD)</b>	<b>167</b>		<b>101</b>		<b>135</b>		<b>166</b>		<b>232</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140087		140088		140089		140090		140091	
Sample Description	Primary Sample 3204 Bay City Rd	Flag	Primary Sample 3216 Bay City Rd DU B	Flag	Primary Sample 401 Longview St	Flag	Primary Sample 409 Lemke St	Flag	Primary Sample 417 Longview St	Flag
Sample Date	11/18/2013		11/18/2013		11/18/2013		11/18/2013		11/18/2013	
wet weight [g]	24.6		26		24.2		24.9		24.8	
moisture [%]	18.3%		15.6%		20.5%		17.2%		19.6%	
2378-TCDF [ng/kg d.w.]	26.8		19.8		350		13.1		22.4	
2378-TCDD [ng/kg d.w.]	38.5		30.4		36.9		26.0		55.2	
23478-PeCDF [ng/kg d.w.]	31.0	J	24.9	J	167		16.0	J	25.8	J
12378-PeCDD [ng/kg d.w.]	37.7		25.5	J	27.9		24.4	J	38.5	
1234(6)78-HxCDF [ng/kg d.w.]	60.3	J	46.4	J	195		34.2	J	54.0	J
1234(6)78-HxCDD [ng/kg d.w.]	104		62.6	J	68.5		54.6	J	82.7	
123789-HxCDD [ng/kg d.w.]	59.9		34.3		34.5		28.4		46.8	
1234678-HpCDF [ng/kg d.w.]	856		580		701		508		784	
1234678-HpCDD [ng/kg d.w.]	1050		730		834		701		1010	
OCDF [ng/kg d.w.]	1230		822		1030		821		1230	
OCDD [ng/kg d.w.]	9970		6740		8300		6870		10300	
<b>ETEQ (ND=0.5 LoD)</b>	<b>140</b>		<b>99.8</b>		<b>208</b>		<b>86.7</b>		<b>150</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140100		140101		140102		140103		140104	
Sample Description	Primary Sample 1409 Ohio St - 6" Sample	Flag	Primary Sample 1409 Ohio St -12" Sample	Flag	Primary Sample 1410 Ohio St	Flag	Primary Sample 1418 Ohio St	Flag	Primary Sample 1501 Ohio St	Flag
Sample Date	11/7/2013		11/7/2013		11/7/2013		11/7/2013		11/7/2013	
wet weight [g]	27.7		27.6		24.8		24.4		25.4	
moisture [%]	19.7%		15.7%		18.9%		19.4%		17.2%	
2378-TCDF [ng/kg d.w.]	19.1		23.0		250		928		22.6	
2378-TCDD [ng/kg d.w.]	52.9		42.8		74.0		52.8		51.5	
23478-PeCDF [ng/kg d.w.]	22.4	J	20.7	J,Y	125		286		29.2	J,Y
12378-PeCDD [ng/kg d.w.]	29.5	J	24.2	J,Y	45.8		38.8		40.5	
1234(6)78-HxCDF [ng/kg d.w.]	38.6	J	45.1	J,Y	161		199		52.9	J
1234(6)78-HxCDD [ng/kg d.w.]	57.6	J	42.9	J,Y	88.9		57.2	J	91.2	
123789-HxCDD [ng/kg d.w.]	28.0	J	30.7	Y	45.1		29.5	J	37.7	
1234678-HpCDF [ng/kg d.w.]	380		268		598		354		515	
1234678-HpCDD [ng/kg d.w.]	758		495		1060		750		1690	
OCDF [ng/kg d.w.]	887		693		1220		822		1780	
OCDD [ng/kg d.w.]	8300		4840		10300		7520		17800	
<b>ETEQ (ND=0.5 LoD)</b>	<b>124</b>		<b>102</b>		<b>244</b>		<b>328</b>		<b>156</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140105		140106		140107		140108		140109	
Sample Description	Primary Sample 2009 Carolina St	Flag	Primary Sample 2103 Virginia St	Flag	Primary Sample 2109 Tennessee St	Flag	Primary Sample 2114 Virginia St	Flag	Primary Sample 2211 Kentucky St	Flag
Sample Date	11/7/2013		11/7/2013		11/7/2013		11/7/2013		11/7/2013	
wet weight [g]	26.9		26.1		23.8		24.2		25.9	
moisture [%]	16.3%		17.9%		21.0%		21.4%		16.1%	
2378-TCDF [ng/kg d.w.]	14.2	Y	14.3	Y	28.6		16.3	J,Y	13.3	J
2378-TCDD [ng/kg d.w.]	39.2		42.9		90.3		52.5		25.1	
23478-PeCDF [ng/kg d.w.]	22.1	J	19.9	J	33.8	J	18.7	J,Y	12.8	J
12378-PeCDD [ng/kg d.w.]	24.2	J	25.6	J	48.7		31.8	J,Y	15.7	J
1234(6)78-HxCDF [ng/kg d.w.]	37.1	J	38.7	J	59.5	J	48.5	J	23.6	J
1234(6)78-HxCDD [ng/kg d.w.]	45.3	J	51.4	J	74.3	J	64.5	J	34.8	J
123789-HxCDD [ng/kg d.w.]	25.8	J	27.4	J	37.6	Y	35.4		18.7	J
1234678-HpCDF [ng/kg d.w.]	285		316		523		407		181	
1234678-HpCDD [ng/kg d.w.]	588		577		911		825		434	
OCDF [ng/kg d.w.]	580		638		1060		857		407	
OCDD [ng/kg d.w.]	6040		5670		10600		8390		4110	
<b>ETEQ (ND=0.5 LoD)</b>	<b>97.7</b>		<b>103</b>		<b>196</b>		<b>128</b>		<b>64.2</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140110		140111		140112		140113		140114	
<b>Sample Description</b>	Primary Sample 2217 Carolina St	Flag	Primary Sample 2301 Virginia St	Flag	Primary Sample 2308 Virginia St	Flag	Primary Sample 2313 Swede Ave	Flag	Primary Sample 3000 Bay City Rd	Flag
<b>Sample Date</b>	11/7/2013		11/7/2013		11/7/2013		11/7/2013		11/7/2013	
<b>wet weight [g]</b>	25.3		23.2		25.1		26.4		25.8	
moisture [%]	18.5%		22.8%		20.5%		17.7%		18.2%	
2378-TCDF [ng/kg d.w.]	33.8		24.4		320		13.5		21.1	Y
2378-TCDD [ng/kg d.w.]	48.3		54.6		48.1		58.1		44.0	
23478-PeCDF [ng/kg d.w.]	33.1	J	20.4	J	153		17.8	J	28.9	J
12378-PeCDD [ng/kg d.w.]	31.8	J	28.8	J	27.5	J	44.1		36.5	
1234(6)78-HxCDF [ng/kg d.w.]	59.2	J	40.5	J	162		35.3	J	64.5	
1234(6)78-HxCDD [ng/kg d.w.]	70.1		56.3	J	58.5	J	49.4	J	91.3	
123789-HxCDD [ng/kg d.w.]	38.2		29.9	J	30.3	J	29.9	J	51.5	
1234678-HpCDF [ng/kg d.w.]	448		281		384		316		935	
1234678-HpCDD [ng/kg d.w.]	786		667		659		684		1120	
OCDF [ng/kg d.w.]	795		668		812		630		1520	
OCDD [ng/kg d.w.]	7930		6540		6370		7430		10900	
<b>ETEQ (ND=0.5 LoD)</b>	<b>131</b>		<b>122</b>		<b>201</b>		<b>140</b>		<b>143</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140115		140116		140117		140118		140119	
<b>Sample Description</b>	Primary Sample 3120 Bay City Rd - DU A	Flag	Primary Sample 3120 Bay City Rd - DU B	Flag	Primary Sample 404 Lemke St	Flag	Primary Sample 419 Waldo Ave - 6" Sample	Flag	Primary Sample 419 Waldo Ave - 12" Sample	Flag
<b>Sample Date</b>	11/7/2013		11/7/2013		11/7/2013		10/30/2013		10/30/2013	
<b>wet weight [g]</b>	25.1		26.1		26		25.9		27	
moisture [%]	20.5%		14.4%		16.9%		14.2%		11.4%	
2378-TCDF [ng/kg d.w.]	47.0		10.1	J,Y	20.5	Y	16.2		15.4	
2378-TCDD [ng/kg d.w.]	59.5		29.1		46.7		34.6		22.3	
23478-PeCDF [ng/kg d.w.]	48.3		20.6	J	40.2		25.3	J	17.8	J
12378-PeCDD [ng/kg d.w.]	45.1		27.5	J	38.0		26.6		20.0	J
1234(6)78-HxCDF [ng/kg d.w.]	88.9		44.3	J	62.6		40.7	J	28.5	J
1234(6)78-HxCDD [ng/kg d.w.]	115		67.6		83.0		63.5		45.7	J
123789-HxCDD [ng/kg d.w.]	64.2		39.7		47.5		34.7		23.9	
1234678-HpCDF [ng/kg d.w.]	1030		608		682		481		380	
1234678-HpCDD [ng/kg d.w.]	1390		869		991		785		521	
OCDF [ng/kg d.w.]	1660		1040		1040		755		557	
OCDD [ng/kg d.w.]	14100		8950		9490		6940		4690	
<b>ETEQ (ND=0.5 LoD)</b>	<b>189</b>		<b>102</b>		<b>145</b>		<b>104</b>		<b>73.1</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140120		140121		140123		140124		140125	
Sample Description	Primary Sample 1209 E Haley St	Flag	Primary Sample 1613 E Haley St	Flag	Primary Sample 2719 Parsons Ct	Flag	Primary Sample 321 Waldo Ave	Flag	Primary Sample 3212 Bay City Rd	Flag
Sample Date	10/30/2013		10/30/2013		10/30/2013		10/30/2013		10/30/2013	
wet weight [g]	25.3		25.9		26.6		26.1		24.8	
moisture [%]	17.1%		14.4%		12.7%		15.6%		17.8%	
2378-TCDF [ng/kg d.w.]	122		22.1	J,Y	28.7		31.0		62.8	
2378-TCDD [ng/kg d.w.]	79.1		107		45.1		44.8		61.2	
23478-PeCDF [ng/kg d.w.]	78.3		26.8	J	25.9	J	38.5		53.7	
12378-PeCDD [ng/kg d.w.]	51.5		47.7	J	36.1		38.6		54.1	
1234(6)78-HxCDF [ng/kg d.w.]	104		48.3	J	49.8	J	61.4		92.0	
1234(6)78-HxCDD [ng/kg d.w.]	91.4		70.8	J	77.4		85.9		117	
123789-HxCDD [ng/kg d.w.]	46.9		34.6	J	40.4		48.9		62.1	
1234678-HpCDF [ng/kg d.w.]	630		454		662		692		1080	
1234678-HpCDD [ng/kg d.w.]	1150		1160		978		1130		1330	
OCDF [ng/kg d.w.]	1290		1020		1050		1190		1610	
OCDD [ng/kg d.w.]	11400		11500		9650		10000		12800	
<b>ETEQ (ND=0.5 LoD)</b>	<b>223</b>		<b>210</b>		<b>134</b>		<b>146</b>		<b>203</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140126		140127		140128		140129		140130	
<b>Sample Description</b>	Primary Sample 401 Waldo Ave - 6" Sample	Flag	Primary Sample 401 Waldo Ave - 12" Sample	Flag	Primary Sample 409 Waldo Ave	Flag	Primary Sample 415 Waldo Ave	Flag	Primary Sample 807 Waldo Ave	Flag
<b>Sample Date</b>	10/30/2013		10/30/2013		10/30/2013		10/30/2013		10/30/2013	
<b>wet weight [g]</b>	25.8		27.1		25.5		25.9		26.7	
moisture [%]	14.4%		12.0%		15.7%		15.0%		14.1%	
2378-TCDF [ng/kg d.w.]	136		53.2		29.4		57.3		50.0	
2378-TCDD [ng/kg d.w.]	35.2		26.1		46.4		58.0		35.0	
23478-PeCDF [ng/kg d.w.]	71.5		35.9		32.1		44.9		35.4	
12378-PeCDD [ng/kg d.w.]	30.2		23.0	J	40.9		42.6		26.4	
1234(6)78-HxCDF [ng/kg d.w.]	90.2		55.0	J	60.7		74.4		58.7	
1234(6)78-HxCDD [ng/kg d.w.]	71.7		53.5	J	87.7		97.8		63.7	
123789-HxCDD [ng/kg d.w.]	38.0		28.2	J	46.4		52.3		31.6	
1234678-HpCDF [ng/kg d.w.]	608		467		792		873		765	
1234678-HpCDD [ng/kg d.w.]	965		628		1070		1170		893	
OCDF [ng/kg d.w.]	941		670		1190		1420		1260	
OCDD [ng/kg d.w.]	8830		5780		10200		11600		9130	
<b>ETEQ (ND=0.5 LoD)</b>	<b>146</b>		<b>96.2</b>		<b>148</b>		<b>175</b>		<b>118</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140137		140138		140139		140140		140141	
Sample Description	Primary Sample 2209 Tennessee St	Flag	Primary Sample 1106 Rodd St	Flag	Primary Sample 1314 Eastlawn Dr	Flag	Primary Sample 1318 Maryland St	Flag	Primary Sample 1410 Maryland St	Flag
Sample Date	10/30/2013		11/13/2013		11/13/2013		11/13/2013		11/13/2013	
wet weight [g]	24.2		24.4		24.5		25.9		25.8	
moisture [%]	19.6%		19.6%		18.6%		14.1%		16.2%	
2378-TCDF [ng/kg d.w.]	23.2	J	203		20.5	Y	155		18.1	
2378-TCDD [ng/kg d.w.]	77.2		76.6		44.1		34.1		67.4	
23478-PeCDF [ng/kg d.w.]	27.9	J,Y	93.3		20.5	J	85.2		19.5	J
12378-PeCDD [ng/kg d.w.]	45.9	J	45.0		22.1	J	27.9	Y	37.9	
1234(6)78-HxCDF [ng/kg d.w.]	51.7	J	116		35.0	J	128		39.4	J
1234(6)78-HxCDD [ng/kg d.w.]	79.2	J	96.6		45.7	J	58.2		65.9	J
123789-HxCDD [ng/kg d.w.]	36.2	J	45.7		23.2	J	27.6		32.0	J
1234678-HpCDF [ng/kg d.w.]	443		496		295	Y	781		350	
1234678-HpCDD [ng/kg d.w.]	1040		1120		665		835		876	
OCDF [ng/kg d.w.]	1070		852		645		1210		816	
OCDD [ng/kg d.w.]	11700		9720		7180		7970		11100	
<b>ETEQ (ND=0.5 LoD)</b>	<b>177</b>		<b>226</b>		<b>102</b>		<b>150</b>		<b>149</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140142		140143		140144		140145		140146	
<b>Sample Description</b>	Primary Sample 1504 Eastlawn Dr	Flag	Primary Sample 1514 Maryland St	Flag	Primary Sample 2120 Virginia St - 6" Sample	Flag	Primary Sample 2120 Virginia St - 12" Sample	Flag	Primary Sample 2213 Carolina St	Flag
<b>Sample Date</b>	11/13/2013		11/13/2013		11/13/2013		11/13/2013		11/13/2013	
<b>wet weight [g]</b>	24.7		24.6		25		26.5		25.1	
moisture [%]	20.2%		18.2%		19.0%		17.2%		19.4%	
2378-TCDF [ng/kg d.w.]	16.6	Y	3550		42.4		19.1		1140	
2378-TCDD [ng/kg d.w.]	77.9		71.0	Y	58.9		39.5		49.5	
23478-PeCDF [ng/kg d.w.]	18.4	J	1330		33.2	J	18.3	J	444	
12378-PeCDD [ng/kg d.w.]	32.8		59.9	Y	29.2	J	22.0	J	31.4	Y
1234(6)78-HxCDF [ng/kg d.w.]	31.1	J	1090		50.4	J	33.5	J	347	
1234(6)78-HxCDD [ng/kg d.w.]	49.9	J	77.6		61.0	J	43.7	J	60.2	J
123789-HxCDD [ng/kg d.w.]	25.5	J	35.1		28.3	J	22.5	J	26.9	J
1234678-HpCDF [ng/kg d.w.]	278		680		357		270		415	
1234678-HpCDD [ng/kg d.w.]	648		1420		703		502		734	
OCDF [ng/kg d.w.]	655		1330		846		536		835	
OCDD [ng/kg d.w.]	6980		15400		6720		5200		7410	
<b>ETEQ (ND=0.5 LoD)</b>	<b>147</b>		<b>1080</b>		<b>135</b>		<b>92.7</b>		<b>404</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140147		140148		140149		140150		140151	
<b>Sample Description</b>	Primary Sample 2306 Virginia St	Flag	Primary Sample 2311 Carolina St	Flag	Primary Sample 2708 Bay City Rd	Flag	Primary Sample 3119 Beech St - DU A	Flag	Primary Sample 3119 Beech St - DU B	Flag
<b>Sample Date</b>	11/13/2013		11/13/2013		11/13/2013		11/13/2013		11/13/2013	
<b>wet weight [g]</b>	24.5		25.6		25.2		26.6		26.5	
moisture [%]	21.0%		18.7%		17.1%		15.4%		11.9%	
2378-TCDF [ng/kg d.w.]	21.9		35.5		31.2	Y	11.8	J	31.0	
2378-TCDD [ng/kg d.w.]	67.4		80.6		42.7	Y	14.1		21.7	
23478-PeCDF [ng/kg d.w.]	24.6	J	34.6		32.4	J	10.1	J,Y	30.6	
12378-PeCDD [ng/kg d.w.]	34.6		45.6		34.1		14.4	J	17.8	J
1234(6)78-HxCDF [ng/kg d.w.]	46.2	J	58.8		67.1	J	22.2	J	56.6	J
1234(6)78-HxCDD [ng/kg d.w.]	69.2		87.3		88.6		29.8	J	48.8	J
123789-HxCDD [ng/kg d.w.]	34.9		41.7		42.4		16.6	J	23.0	J
1234678-HpCDF [ng/kg d.w.]	400		504		1140		194		419	
1234678-HpCDD [ng/kg d.w.]	871		923		1110		328		718	
OCDF [ng/kg d.w.]	913		1090		1600		315		871	
OCDD [ng/kg d.w.]	9070		9750		11500		3020		7000	
<b>ETEQ (ND=0.5 LoD)</b>	<b>149</b>		<b>185</b>		<b>143</b>		<b>48.1</b>		<b>82.2</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140152		140153		140154		140155		140156	
<b>Sample Description</b>	Primary Sample 328 Longview St	Flag	Primary Sample 412 Longview St	Flag	Primary Sample 413 Lemke St	Flag	Primary Sample 337 Lemke St - DU E	Flag	Primary Sample 337 Lemke St - DU F	Flag
<b>Sample Date</b>	11/13/2013		11/13/2013		11/13/2013		11/9/2013		11/9/2013	
<b>wet weight [g]</b>	26.4		26.5		26.1		26.5		26	
moisture [%]	14.9%		15.9%		16.3%		17.3%		19.1%	
2378-TCDF [ng/kg d.w.]	334		14.8		48.3		18.9		22.5	J
2378-TCDD [ng/kg d.w.]	50.2		29.7		35.2		33.9		45.0	
23478-PeCDF [ng/kg d.w.]	142		19.9	J	38.4		19.6	J	27.6	J
12378-PeCDD [ng/kg d.w.]	40.9		25.8	J	29.5		24.8	J	31.8	J
1234(6)78-HxCDF [ng/kg d.w.]	159		41.2	J	66.1		38.8	J	50.4	J
1234(6)78-HxCDD [ng/kg d.w.]	92.5		64.1	J	76.0		53.9	J	78.8	J
123789-HxCDD [ng/kg d.w.]	47.2		30.5	J	36.1		28.1	J	41.2	J
1234678-HpCDF [ng/kg d.w.]	891		675		732		481		711	Y
1234678-HpCDD [ng/kg d.w.]	1130		834		862		642		901	
OCDF [ng/kg d.w.]	1390		970		1030		738		1030	
OCDD [ng/kg d.w.]	11000		8120		8210		6110		9070	
<b>ETEQ (ND=0.5 LoD)</b>	<b>232</b>		<b>99.1</b>		<b>124</b>		<b>96.4</b>		<b>130</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140157		140158		140159		140160		140161	
Sample Description	Primary Sample 337 Lemke St - DU G	Flag	Primary Sample 337 Lemke St - DU H	Flag	Primary Sample 337 Lemke St - DU I - 6" Sample	Flag	Primary Sample 337 Lemke St - DU I - 12" Sample	Flag	Primary Sample 2117 Kentucky St	Flag
Sample Date	11/9/2013		11/9/2013		11/9/2013		11/9/2013		12/4/2013	
wet weight [g]	25.2		27.7		25.1		27.3		24.3	
moisture [%]	17.1%		17.3%		16.5%		14.1%		19.4%	
2378-TCDF [ng/kg d.w.]	25.0		14.5		8.32	J	8.51	J	33.8	
2378-TCDD [ng/kg d.w.]	46.3		28.6		20.6		17.9		79.1	
23478-PeCDF [ng/kg d.w.]	24.2	J	15.1	J	8.28	J,Y	7.74	J,Y	33.1	J
12378-PeCDD [ng/kg d.w.]	35.9		18.6	J	16.5	J	9.65	J,Y	43.4	
1234(6)78-HxCDF [ng/kg d.w.]	49.6	J	32.2	J	16.8	J	16.0	J	61.1	J
1234(6)78-HxCDD [ng/kg d.w.]	81.2		45.7	J	26.7	J	24.9	J	85.2	
123789-HxCDD [ng/kg d.w.]	41.1		22.7	J	13.8	J	14.0	J	40.6	
1234678-HpCDF [ng/kg d.w.]	655		410		214		182		477	
1234678-HpCDD [ng/kg d.w.]	934		545		354		310		1080	
OCDF [ng/kg d.w.]	1000		609		360		293		1090	
OCDD [ng/kg d.w.]	8770		5460		3680		2850		9800	
<b>ETEQ (ND=0.5 LoD)</b>	<b>134</b>		<b>78.3</b>		<b>55.8</b>		<b>44.1</b>		<b>182</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140162		140163		140164		140165		140166	
Sample Description	Primary Sample 2201 Carolina St	Flag	Primary Sample 2306 Jefferson Ave	Flag	Primary Sample 301 Townsend St-6"Sample	Flag	Primary Sample 301 Townsend St-12"Sample	Flag	Primary Sample 1313 Ohio St	Flag
Sample Date	12/4/2013		12/4/2013		12/4/2013		12/4/2013		11/5/2013	
wet weight [g]	22.6		25.6		23.6		25.6		24.6	
moisture [%]	24.7%		23.0%		24.5%		19.4%		20.7%	
2378-TCDF [ng/kg d.w.]	36.8		75.8		73.7		90.6		27.2	
2378-TCDD [ng/kg d.w.]	48.1		98.2		38.4		32.2		72.4	
23478-PeCDF [ng/kg d.w.]	27.6	J	57.4		60.7		66.3		31.8	J
12378-PeCDD [ng/kg d.w.]	28.9	J	56.1		25.5	J	22.7	J	39.8	
1234(6)78-HxCDF [ng/kg d.w.]	53.8	J	108		89.9	J	99.6		56.3	J
1234(6)78-HxCDD [ng/kg d.w.]	63.5	J	120		62.2	J	60.0	J	78.0	J
123789-HxCDD [ng/kg d.w.]	29.6	J	55.6		31.2	J	31.7	J	39.8	J
1234678-HpCDF [ng/kg d.w.]	352		678		352		423		492	
1234678-HpCDD [ng/kg d.w.]	689		1270		734		692		1080	
OCDF [ng/kg d.w.]	737		1190		647		702		1200	
OCDD [ng/kg d.w.]	6120		11300		6570		5750		10100	
<b>ETEQ (ND=0.5 LoD)</b>	<b>122</b>		<b>243</b>		<b>127</b>		<b>122</b>		<b>169</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140167		140168		140169		140170		140171	
Sample Description	Primary Sample 1314 Maryland St	Flag	Primary Sample 1317 Ohio St	Flag	Primary Sample 1405 Ohio St	Flag	Primary Sample 1417 Ohio St	Flag	Primary Sample 1506 Ohio St	Flag
Sample Date	11/5/2013		11/5/2013		11/5/2013		11/5/2013		11/5/2013	
wet weight [g]	27.5		26		24.7		26.1		27.1	
moisture [%]	15.0%		17.2%		17.6%		19.3%		18.6%	
2378-TCDF [ng/kg d.w.]	21.5		28.8		27.1		86.4		14.2	
2378-TCDD [ng/kg d.w.]	20.9		106		247		67.4		61.3	
23478-PeCDF [ng/kg d.w.]	19.2	J,Y	30.2	J	31.2	J	53.2		20.2	J
12378-PeCDD [ng/kg d.w.]	19.9	J	38.0		42.8		36.5		40.9	
1234(6)78-HxCDF [ng/kg d.w.]	36.8	J	54.7	J	58.9	J	77.0		35.3	J
1234(6)78-HxCDD [ng/kg d.w.]	34.6	J	71.5	J	78.8	J	59.0	J	60.1	
123789-HxCDD [ng/kg d.w.]	20.1	J,Y	35.4	J	39.5	J	30.1	J	30.6	
1234678-HpCDF [ng/kg d.w.]	265		425		490		416		363	
1234678-HpCDD [ng/kg d.w.]	429		809		1090		789		834	
OCDF [ng/kg d.w.]	453		940		1220		988		839	
OCDD [ng/kg d.w.]	4200		7270		10100		7930		8320	
<b>ETEQ (ND=0.5 LoD)</b>	<b>69.4</b>		<b>196</b>		<b>355</b>		<b>168</b>		<b>144</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140172		140173		140174		140175		140176	
<b>Sample Description</b>	Primary Sample 1600 Iowa St	Flag	Primary Sample 1617 Maryland St	Flag	Primary Sample 2004 Virginia St	Flag	Primary Sample 2118 Tennessee St	Flag	Primary Sample 2121 Swede Ave	Flag
<b>Sample Date</b>	11/5/2013		11/5/2013		11/5/2013		11/5/2013		11/5/2013	
<b>wet weight [g]</b>	29.8		25.3		27.7		27.1		28.2	
moisture [%]	13.2%		16.5%		17.5%		19.8%		15.8%	
2378-TCDF [ng/kg d.w.]	26.3		38.8		227		30.5		15.7	J
2378-TCDD [ng/kg d.w.]	56.5		92.1		67.1		137		49.1	
23478-PeCDF [ng/kg d.w.]	23.0	J	37.0		118		37.5		17.1	J
12378-PeCDD [ng/kg d.w.]	34.9		61.5		35.1		70.3		28.9	J
1234(6)78-HxCDF [ng/kg d.w.]	41.6	J	71.4		146		79.3		29.7	J
1234(6)78-HxCDD [ng/kg d.w.]	50.9	J	105		81.5		108		44.9	J
123789-HxCDD [ng/kg d.w.]	27.1		49.0		36.1		51.1		23.3	J
1234678-HpCDF [ng/kg d.w.]	347		713		556	Y	753		295	
1234678-HpCDD [ng/kg d.w.]	713		1190		1050		1420		719	
OCDF [ng/kg d.w.]	671		1270		1140		1570		656	
OCDD [ng/kg d.w.]	7180		13300		11200		16400		7580	
<b>ETEQ (ND=0.5 LoD)</b>	<b>132</b>		<b>225</b>		<b>216</b>		<b>287</b>		<b>112</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140177		140178		140179		140180		140181	
<b>Sample Description</b>	Primary Sample 2205 Tennessee St	Flag	Primary Sample 2207 Virginia St	Flag	Primary Sample 2210 Tennessee St	Flag	Primary Sample 2312 Carolina St	Flag	Primary Sample 2410 Rodd St - DU A	Flag
<b>Sample Date</b>	11/5/2013		11/5/2013		11/5/2013		11/5/2013		11/5/2013	
<b>wet weight [g]</b>	24.8		24.7		27.5		27.8		28.9	
moisture [%]	22.5%		20.7%		20.0%		15.3%		20.5%	
2378-TCDF [ng/kg d.w.]	29.9		26.9		49.6		19.6		8.44	J
2378-TCDD [ng/kg d.w.]	91.9		110		75.9		47.8		15.8	
23478-PeCDF [ng/kg d.w.]	50.0	J	37.0		37.3	J	23.5	J	8.89	J
12378-PeCDD [ng/kg d.w.]	64.2		46.1		43.8	J	28.1		10.0	J
1234(6)78-HxCDF [ng/kg d.w.]	81.7	J	62.0	J	61.9	J	39.3	J	14.1	J
1234(6)78-HxCDD [ng/kg d.w.]	116	J	89.3		70.3	J	54.6	J	21.1	J
123789-HxCDD [ng/kg d.w.]	54.2	J	43.7		36.5	J	27.1	J	10.8	J
1234678-HpCDF [ng/kg d.w.]	580	Y	542	Y	484		377		118	Y
1234678-HpCDD [ng/kg d.w.]	1380		1110		1030		682		278	
OCDF [ng/kg d.w.]	1280		1300		1120		747		210	
OCDD [ng/kg d.w.]	14100		11400		10800		6780		2450	
<b>ETEQ (ND=0.5 LoD)</b>	<b>235</b>		<b>219</b>		<b>180</b>		<b>116</b>		<b>40.6</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140182		140183		140184		140185		140186	
<b>Sample Description</b>	Primary Sample 2410 Rodd St - DU B	Flag	Primary Sample 3205 Beech St	Flag	Primary Sample 1517 Ohio St	Flag	Primary Sample 1513 Ohio St - 6" Sample	Flag	Primary Sample 1513 Ohio St - 12" Sample	Flag
<b>Sample Date</b>	11/5/2013		11/5/2013		11/5/2013		11/5/2013		11/5/2013	
<b>wet weight [g]</b>	23.8		25.8		25		25.7		26.5	
moisture [%]	22.5%		15.6%		23.2%		18.2%		16.5%	
2378-TCDF [ng/kg d.w.]	6.39	J,Y	13.0	J	64.7		31.7		23.6	
2378-TCDD [ng/kg d.w.]	17.4		24.7		77.8		66.4		33.9	
23478-PeCDF [ng/kg d.w.]	6.26	J	15.1	J	44.3		32.5	J	22.5	J
12378-PeCDD [ng/kg d.w.]	6.98	J,Y	21.8	J	45.6		43.0		25.9	J
1234(6)78-HxCDF [ng/kg d.w.]	12.4	J,Y	25.5	J	71.9		53.6	J	39.5	J
1234(6)78-HxCDD [ng/kg d.w.]	17.8	J	42.8	J	67.4	J	74.5	J	42.4	J
123789-HxCDD [ng/kg d.w.]	9.88	J,Y	23.1	J	32.6	J	36.8		22.0	J
1234678-HpCDF [ng/kg d.w.]	94.1	Y	339		452		415		279	
1234678-HpCDD [ng/kg d.w.]	239		596		860		890		481	
OCDF [ng/kg d.w.]	175	J	565		885		860		522	
OCDD [ng/kg d.w.]	2150		5710		9500		8920		5080	
<b>ETEQ (ND=0.5 LoD)</b>	<b>36.6</b>		<b>76.4</b>		<b>186</b>		<b>163</b>		<b>93.0</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140187		140188		140189		140190		140191	
Sample Description	Primary Sample 2012 Cleveland Ave	Flag	Primary Sample 1205 E Haley St	Flag	Primary Sample 1318 E Haley St	Flag	Primary Sample 1601 E Haley St	Flag	Primary Sample 514 Eastlawn Dr	Flag
Sample Date	11/12/2013		11/12/2013		11/12/2013		11/12/2013		11/12/2013	
wet weight [g]	25.3		24.2		26.1		26.3		24.5	
moisture [%]	18.0%		19.6%		15.0%		14.0%		19.2%	
2378-TCDF [ng/kg d.w.]	32.1	Y	21.7	J	29.5		26.1		21.2	
2378-TCDD [ng/kg d.w.]	54.6		113		97.0		81.4		78.7	
23478-PeCDF [ng/kg d.w.]	36.1	J	42.6	J	55.6		42.8		32.0	J
12378-PeCDD [ng/kg d.w.]	33.9	J	60.3	J	60.9		52.7		40.6	
1234(6)78-HxCDF [ng/kg d.w.]	62.1	J	74.3	J	91.5		70.7		49.6	J
1234(6)78-HxCDD [ng/kg d.w.]	69.8	J	109	J	112		84.3		75.0	
123789-HxCDD [ng/kg d.w.]	33.9	J	56.2	J	55.4		43.1		36.9	J
1234678-HpCDF [ng/kg d.w.]	446		730	Y	840		610		429	Y
1234678-HpCDD [ng/kg d.w.]	808		1460		1390		1000		1000	
OCDF [ng/kg d.w.]	732		1740		1590		1030		907	
OCDD [ng/kg d.w.]	8000		14100		15800		11500		10300	
<b>ETEQ (ND=0.5 LoD)</b>	<b>141</b>		<b>250</b>		<b>243</b>		<b>198</b>		<b>173</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140192		140193		140194		140195		140196	
<b>Sample Description</b>	Primary Sample 2202 Kentucky St	Flag	Primary Sample 424 Longview St	Flag	Primary Sample 1406 Maryland St - DU A	Flag	Primary Sample 1406 Maryland St - DU B	Flag	Primary Sample 1415 Maryland St	Flag
<b>Sample Date</b>	11/12/2013		11/12/2013		11/12/2013		11/12/2013		11/12/2013	
<b>wet weight [g]</b>	25		25.6		24.4		24.7		25.5	
moisture [%]	19.4%		17.3%		19.2%		18.4%		16.4%	
2378-TCDF [ng/kg d.w.]	37.2		16.8		53.7		17.6		6.11	J,Y
2378-TCDD [ng/kg d.w.]	89.4		44.4		80.0		58.1		20.5	
23478-PeCDF [ng/kg d.w.]	42.4		25.3	J	47.9		31.6	J	9.95	J
12378-PeCDD [ng/kg d.w.]	53.6		36.8	J	47.5		44.4		13.6	J
1234(6)78-HxCDF [ng/kg d.w.]	85.5		48.9	J	78.8		55.3	J	17.1	J
1234(6)78-HxCDD [ng/kg d.w.]	114		87.8		90.7		82.0		25.0	J
123789-HxCDD [ng/kg d.w.]	58.7		47.5		47.1		39.6		13.4	J
1234678-HpCDF [ng/kg d.w.]	1280		699		743		742		172	Y
1234678-HpCDD [ng/kg d.w.]	1590		1030		1090		1170		349	
OCDF [ng/kg d.w.]	2310		1200		1210		1250		367	
OCDD [ng/kg d.w.]	18600		11400		12300		11700		3160	
<b>ETEQ (ND=0.5 LoD)</b>	<b>231</b>		<b>137</b>		<b>201</b>		<b>162</b>		<b>51.9</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140197		140198		140199		140200		140201	
Sample Description	Primary Sample 1314 Ohio St	Flag	Primary Sample 2201 Swede Ave	Flag	Primary Sample 2106 Tennessee St	Flag	Primary Sample 2209 Virginia St	Flag	Primary Sample 2217 Virginia St	Flag
Sample Date	11/12/2013		11/12/2013		11/12/2013		11/12/2013		11/12/2013	
wet weight [g]	25.4		24.4		22.6		24.7		23.4	
moisture [%]	17.1%		19.3%		24.8%		18.4%		22.1%	
2378-TCDF [ng/kg d.w.]	13.8		7.21	J,Y	32.9		16.7	J	33.7	
2378-TCDD [ng/kg d.w.]	54.2		34.1		159		65.0		61.4	
23478-PeCDF [ng/kg d.w.]	22.5	J	11.3	J	42.1	J	24.3	J	29.7	J
12378-PeCDD [ng/kg d.w.]	31.3		22.5	J	75.5		33.7	J	32.3	J,Y
1234(6)78-HxCDF [ng/kg d.w.]	44.3	J	23.5	J	86.1	J	40.3	J	46.0	J
1234(6)78-HxCDD [ng/kg d.w.]	68.3		32.0	J	119		61.7	J	61.8	J
123789-HxCDD [ng/kg d.w.]	35.9		16.5	J	58.1		31.8	J	30.5	J
1234678-HpCDF [ng/kg d.w.]	460		239	Y	889		362	Y	351	Y
1234678-HpCDD [ng/kg d.w.]	1170		513		1850		783		775	
OCDF [ng/kg d.w.]	1080		489		3160		767		760	
OCDD [ng/kg d.w.]	8890		5490		21000		7770		7530	
<b>ETEQ (ND=0.5 LoD)</b>	<b>134</b>		<b>81.2</b>		<b>327</b>		<b>142</b>		<b>141</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140202		140203		140208		140209		140210	
<b>Sample Description</b>	Primary Sample 239 Waldo Ave	Flag	Primary Sample 311 Waldo	Flag	Primary Sample 1407 Maryland St	Flag	Primary Sample 1501 E Haley St	Flag	Primary Sample 1507 Maryland St - 6" Sample	Flag
<b>Sample Date</b>	11/12/2013		11/12/2013		11/21/2013		11/21/2013		11/21/2013	
<b>wet weight [g]</b>	26.8		25.8		26.2		26		28.3	
moisture [%]	12.5%		13.9%		20.6%		16.0%		16.3%	
2378-TCDF [ng/kg d.w.]	25.5		11.2	J	20.0		22.4		15.7	J
2378-TCDD [ng/kg d.w.]	34.2		27.0		70.8		51.9		51.0	
23478-PeCDF [ng/kg d.w.]	31.9	J	17.5	J	21.5	J	24.1	J	20.4	J
12378-PeCDD [ng/kg d.w.]	30.6	J	23.0	J	36.5	J	37.3		35.1	J
1234(6)78-HxCDF [ng/kg d.w.]	66.8	J	35.1	J	38.8	J	42.0	J	37.9	J
1234(6)78-HxCDD [ng/kg d.w.]	61.7	J	161		60.0	J	56.9	J	53.3	J
123789-HxCDD [ng/kg d.w.]	32.4	J	76.0		29.3	J,Y	30.4	J	25.0	J
1234678-HpCDF [ng/kg d.w.]	606	Y	507		309	Y	428		404	
1234678-HpCDD [ng/kg d.w.]	774		1220		942		760		832	
OCDF [ng/kg d.w.]	957		748		870		817		944	
OCDD [ng/kg d.w.]	7180		7330		9610		9270		8570	
<b>ETEQ (ND=0.5 LoD)</b>	<b>114</b>		<b>108</b>		<b>151</b>		<b>133</b>		<b>127</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140211		140212		140213		140214		140215	
<b>Sample Description</b>	Primary Sample 1507 Maryland St - 12" Sample	Flag	Primary Sample 1617 Ohio St	Flag	Primary Sample 2112 Virginia St	Flag	Primary Sample 2114 Kentucky St	Flag	Primary Sample 2206 Virginia St	Flag
<b>Sample Date</b>	11/21/2013		11/21/2013		11/21/2013		11/21/2013		11/21/2013	
<b>wet weight [g]</b>	30.6		26.8		26.2		26.4		26	
moisture [%]	11.3%		19.7%		15.7%		15.7%		16.9%	
2378-TCDF [ng/kg d.w.]	25.7		22.9		14.4	J,Y	13.7	J	116	
2378-TCDD [ng/kg d.w.]	24.4		57.8		29.9		47.0		50.2	
23478-PeCDF [ng/kg d.w.]	22.8	J	24.6	J	16.5	J	15.2	J	63.5	
12378-PeCDD [ng/kg d.w.]	23.3	J	38.9		18.0	J	24.0	J	25.8	J
1234(6)78-HxCDF [ng/kg d.w.]	37.0	J	46.0	J	27.3	J	31.2	J	84.2	J
1234(6)78-HxCDD [ng/kg d.w.]	38.4	J	63.6	J	35.4	J	45.4	J	58.2	J
123789-HxCDD [ng/kg d.w.]	18.7	J	31.5	J	17.8	J	22.8	J	26.6	J
1234678-HpCDF [ng/kg d.w.]	273		474		243	Y	260	Y	444	
1234678-HpCDD [ng/kg d.w.]	431		852		443		610		754	
OCDF [ng/kg d.w.]	463		838		522		551		842	
OCDD [ng/kg d.w.]	4610		8990		4110		5630		7500	
<b>ETEQ (ND=0.5 LoD)</b>	<b>78.9</b>		<b>144</b>		<b>74.0</b>		<b>102</b>		<b>145</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140216		140217		140218		140219		140220	
<b>Sample Description</b>	Primary Sample 2212 Virginia St	Flag	Primary Sample 2218 Virginia St	Flag	Primary Sample 316 Longview St	Flag	Primary Sample 602 Mill St - 6"	Flag	Primary Sample 602 Mill St - 12"	Flag
<b>Sample Date</b>	11/21/2013		11/21/2013		11/21/2013		11/21/2013		11/21/2013	
<b>wet weight [g]</b>	26.6		27.4		24.2		24.1		26.8	
moisture [%]	15.5%		17.9%		20.5%		21.9%		16.6%	
2378-TCDF [ng/kg d.w.]	64.5		53.9		14.2	J	59.2		60.0	
2378-TCDD [ng/kg d.w.]	47.5		39.8		48.9		67.2		40.5	
23478-PeCDF [ng/kg d.w.]	44.0		33.2	J	20.3	J	60.2		52.5	
12378-PeCDD [ng/kg d.w.]	30.4	J	22.4	J	27.7	J	42.1	Y	29.7	J,Y
1234(6)78-HxCDF [ng/kg d.w.]	98.9		55.5	J	34.2	J	111		90.6	
1234(6)78-HxCDD [ng/kg d.w.]	63.8	J	43.8	J	66.2	J	125		81.4	
123789-HxCDD [ng/kg d.w.]	30.4	J	20.9	J	37.7	J	55.4		32.9	J
1234678-HpCDF [ng/kg d.w.]	654		322	Y	533	Y	1010		714	
1234678-HpCDD [ng/kg d.w.]	909		576		982		1390		738	
OCDF [ng/kg d.w.]	1350		610		878		1600		798	
OCDD [ng/kg d.w.]	10000		5340		9590		13100		6670	
<b>ETEQ (ND=0.5 LoD)</b>	<b>143</b>		<b>105</b>		<b>122</b>		<b>201</b>		<b>135</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140221		140222		140223		140224		140225	
Sample Description	Primary Sample 607 E Haley St	Flag	Primary Sample 1604 Bayliss St	Flag	2008 Wisconsin St DU D	Flag	2008 Wisconsin St DU E	Flag	2008 Wisconsin St DU F	Flag
Sample Date	11/21/2013		11/21/2013		11/21/2013		11/21/2013		11/21/2013	
wet weight [g]	24.2		25.7		25.8		25.7		29.7	
moisture [%]	23.2%		20.5%		16.9%		19.3%		16.9%	
2378-TCDF [ng/kg d.w.]	54.1		18.1	J,Y	19.1	J	15.7	J,Y	13.9	J
2378-TCDD [ng/kg d.w.]	74.0		22.3		26.8	J	27.7	J	10.9	J,Y
23478-PeCDF [ng/kg d.w.]	51.4		17.4	J	19.0	J,Y	20.2	J	13.8	J,Y
12378-PeCDD [ng/kg d.w.]	42.7	J	18.8	J	21.4	J	18.8	J	13.0	J
1234(6)78-HxCDF [ng/kg d.w.]	103		42.7	J	42.0	J	35.7	J	27.3	J
1234(6)78-HxCDD [ng/kg d.w.]	99.5		58.5	J	48.7	J	42.7	J	30.2	J
123789-HxCDD [ng/kg d.w.]	48.6		32.9	J	24.6	J	22.6	J	14.9	J,Y
1234678-HpCDF [ng/kg d.w.]	713	Y	379	Y	373	Y	314	Y	249	Y
1234678-HpCDD [ng/kg d.w.]	1290		1110		581		499		383	
OCDF [ng/kg d.w.]	1190		725		754		468		408	
OCDD [ng/kg d.w.]	12700		12000		5990		5340		4720	
<b>ETEQ (ND=0.5 LoD)</b>	<b>196</b>		<b>84.3</b>		<b>82.8</b>		<b>77.8</b>		<b>46.7</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140226		140227		140228		140229		140230	
Sample Description	Primary Sample 305 E Reardon St - DU A	Flag	Primary Sample 305 E Reardon St - DU B	Flag	Primary Sample 305 E Reardon St - DU C	Flag	Primary Sample 305 E Reardon St - DU D	Flag	Primary Sample 305 E Reardon St - DU E	Flag
Sample Date	11/9/2013		11/9/2013		11/9/2013		11/9/2013		11/9/2013	
wet weight [g]	23.4		25.7		27.2		27.5		25.5	
moisture [%]	23.6%		18.2%		18.8%		19.2%		20.2%	
2378-TCDF [ng/kg d.w.]	258		38.3		21.8		21.2	J	43.3	
2378-TCDD [ng/kg d.w.]	36.4		29.7		32.8		31.4		40.3	
23478-PeCDF [ng/kg d.w.]	122		25.3	J	19.7	J	29.6	J	33.6	J
12378-PeCDD [ng/kg d.w.]	20.3	J	19.8	J	21.4	J	23.1	J	26.3	J
1234(6)78-HxCDF [ng/kg d.w.]	134		39.3	J	35.8	J	39.5	J	54.0	J
1234(6)78-HxCDD [ng/kg d.w.]	46.9	J	44.4	J	52.1	J	65.9	J	56.0	J
123789-HxCDD [ng/kg d.w.]	22.2	J	21.1	J	26.0	J	30.0	J	26.2	J
1234678-HpCDF [ng/kg d.w.]	284		226		295		436		379	
1234678-HpCDD [ng/kg d.w.]	489		502		610		951		620	
OCDF [ng/kg d.w.]	414		370		468		1300		581	
OCDD [ng/kg d.w.]	4310		4200		5060		8320		5860	
<b>ETEQ (ND=0.5 LoD)</b>	<b>156</b>		<b>84.1</b>		<b>88.6</b>		<b>101</b>		<b>112</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140231		140232		140233		140234		140235	
Sample Description	Primary Sample 305 E Reardon St - DU F	Flag	Primary Sample 305 E Reardon St - DU G	Flag	Primary Sample 305 E Reardon St - DU H	Flag	Primary Sample 305 E Reardon St - DU I	Flag	Primary Sample 305 E Reardon St - DU J	Flag
Sample Date	11/9/2013		11/9/2013		11/9/2013		11/9/2013		11/9/2013	
wet weight [g]	26.7		26.9		28.1		27		24.9	
moisture [%]	17.7%		22.2%		18.5%		17.0%		17.7%	
2378-TCDF [ng/kg d.w.]	28.2		48.6		43.2		27.0	J	35.6	
2378-TCDD [ng/kg d.w.]	23.2		52.5		42.0		45.9		50.2	
23478-PeCDF [ng/kg d.w.]	22.7	J	40.3	J	33.6	J	29.6	J	30.2	J
12378-PeCDD [ng/kg d.w.]	15.8	J	34.4	J	25.7	J	26.7	J	26.4	J
1234(6)78-HxCDF [ng/kg d.w.]	36.6	J	65.7	J	59.4	J	42.1	J	46.7	J
1234(6)78-HxCDD [ng/kg d.w.]	40.8	J	74.4	J	59.5	J	59.6	J	57.4	J
123789-HxCDD [ng/kg d.w.]	19.4	J	36.7	J	28.8	J	27.3	J	28.9	J
1234678-HpCDF [ng/kg d.w.]	222		441		435		326		300	
1234678-HpCDD [ng/kg d.w.]	462		811		683		619		647	
OCDF [ng/kg d.w.]	335		675		666		573		479	
OCDD [ng/kg d.w.]	4000		7710		6400		5320		6000	
<b>ETEQ (ND=0.5 LoD)</b>	<b>69.7</b>		<b>144</b>		<b>116</b>		<b>113</b>		<b>120</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140236		140237		140238		140239		140240	
<b>Sample Description</b>	Primary Sample 305 E Reardon St - DU K	Flag	Primary Sample 305 E Reardon St - DU L	Flag	Primary Sample 305 E Reardon St - DU M	Flag	Primary Sample 305 E Reardon St - DU N	Flag	Primary Sample 320 Longview St	Flag
<b>Sample Date</b>	11/9/2013		11/9/2013		11/9/2013		11/9/2013		11/9/2013	
<b>wet weight [g]</b>	27.7		25.8		24.5		23.9		27.1	
moisture [%]	19.0%		18.8%		19.8%		20.8%		13.4%	
2378-TCDF [ng/kg d.w.]	25.7		61.6		81.3		133		12.9	J
2378-TCDD [ng/kg d.w.]	39.9		60.7		40.2		52.4		23.2	
23478-PeCDF [ng/kg d.w.]	28.5	J	42.8		47.4		72.4		14.8	J
12378-PeCDD [ng/kg d.w.]	23.0	J,Y	33.7		23.3	J	28.6		21.9	J
1234(6)78-HxCDF [ng/kg d.w.]	38.3	J	61.9	J	62.6	J	90.5		29.5	J
1234(6)78-HxCDD [ng/kg d.w.]	50.8	J	79.0		54.9	J	68.3		51.0	J
123789-HxCDD [ng/kg d.w.]	26.1	J	38.3		25.9	J	31.8	J	30.6	J
1234678-HpCDF [ng/kg d.w.]	305		383		295		347		464	
1234678-HpCDD [ng/kg d.w.]	616		999		561		726		688	
OCDF [ng/kg d.w.]	449		708		430		564		775	
OCDD [ng/kg d.w.]	5720		9260		4960		6380		6380	
<b>ETEQ (ND=0.5 LoD)</b>	<b>101</b>		<b>155</b>		<b>116</b>		<b>155</b>		<b>79.4</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140241		140242		140243		140244		140297	
Sample Description	Primary Sample 337 Lemke St - DU A	Flag	Primary Sample 337 Lemke St - DU B	Flag	Primary Sample 337 Lemke St - DU C	Flag	Primary Sample 337 Lemke St - DU D	Flag	Primary Sample 1305 Ohio St	Flag
Sample Date	11/9/2013		11/9/2013		11/9/2013		11/9/2013		11/20/2013	
wet weight [g]	24.5		26		29.5		26.3		24.6	
moisture [%]	19.6%		16.0%		16.8%		17.5%		19.2%	
2378-TCDF [ng/kg d.w.]	12.8	J	7.95	J	10.9	J	13.0	J,Y	150	
2378-TCDD [ng/kg d.w.]	23.4		22.0		23.3		31.0		73.0	
23478-PeCDF [ng/kg d.w.]	12.9	J	9.99	J	11.6	J	16.0	J	82.0	
12378-PeCDD [ng/kg d.w.]	17.7	J	13.9	J	16.1	J	22.2	J	42.9	J
1234(6)78-HxCDF [ng/kg d.w.]	24.1	J	19.0	J	22.0	J	29.5	J	107	
1234(6)78-HxCDD [ng/kg d.w.]	36.9	J	30.1	J	37.0	J	47.1	J	77.1	J
123789-HxCDD [ng/kg d.w.]	18.5	J	15.1	J	19.5	J	25.9	J	36.6	J
1234678-HpCDF [ng/kg d.w.]	274		224		289		411		502	
1234678-HpCDD [ng/kg d.w.]	503		408		480		675		898	
OCDF [ng/kg d.w.]	466		381		476		663		1070	
OCDD [ng/kg d.w.]	5240		3780		4510		6720		8640	
<b>ETEQ (ND=0.5 LoD)</b>	<b>66.9</b>		<b>56.3</b>		<b>64.2</b>		<b>86.8</b>		<b>204</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140298		140299		140300		140301		140302	
<b>Sample Description</b>	Primary Sample 1406 E Haley St	Flag	Primary Sample 1502 Ohio St	Flag	Primary Sample 1509 Ohio St	Flag	Primary Sample 1514 Eastlawn Dr	Flag	Primary Sample 1606 Maryland St	Flag
<b>Sample Date</b>	11/20/2013		11/20/2013		11/20/2013		11/20/2013		11/20/2013	
<b>wet weight [g]</b>	24.9		25.7		25.5		25.4		25.6	
moisture [%]	17.7%		16.1%		18.8%		18.2%		17.6%	
2378-TCDF [ng/kg d.w.]	81.5		43.8		44.9		17.6	J	14.7	J
2378-TCDD [ng/kg d.w.]	104		59.6		51.8		75.0		59.9	
23478-PeCDF [ng/kg d.w.]	64.6		36.9	J	42.8	J	22.2	J	18.6	J
12378-PeCDD [ng/kg d.w.]	65.7		39.6	J	42.4	J	38.8	J	32.5	J
1234(6)78-HxCDF [ng/kg d.w.]	100		59.9	J	71.6	J	42.8	J	30.8	J
1234(6)78-HxCDD [ng/kg d.w.]	105		63.1	J	74.8	J	58.9	J	42.2	J
123789-HxCDD [ng/kg d.w.]	50.1		32.8	J	37.0	J	31.4	J	22.5	J
1234678-HpCDF [ng/kg d.w.]	785		426		507		321		273	
1234678-HpCDD [ng/kg d.w.]	1370		728		934		779		519	
OCDF [ng/kg d.w.]	1660		950		914		762		556	
OCDD [ng/kg d.w.]	15000		7470		9230		7730		5340	
<b>ETEQ (ND=0.5 LoD)</b>	<b>261</b>		<b>151</b>		<b>154</b>		<b>156</b>		<b>125</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140303		140304		140305		140306		140307	
<b>Sample Description</b>	Primary Sample 1609 Ohio St	Flag	Primary Sample 2205 Carolina St	Flag	Primary Sample 2210 Carolina St	Flag	Primary Sample 2210 Jefferson Ave	Flag	Primary Sample 2307 Carolina St	Flag
<b>Sample Date</b>	11/20/2013		11/20/2013		11/20/2013		11/20/2013		11/20/2013	
<b>wet weight [g]</b>	26		25.5		26.5		24.4		23.7	
moisture [%]	19.6%		19.8%		15.7%		19.1%		21.5%	
2378-TCDF [ng/kg d.w.]	21.6	Y	107		20.6		28.6		170	
2378-TCDD [ng/kg d.w.]	71.8		78.6		40.8		57.1		59.9	
23478-PeCDF [ng/kg d.w.]	26.0	J	67.6		23.4	J	37.4	J	87.1	
12378-PeCDD [ng/kg d.w.]	42.8	J	48.0	J	26.4	J	36.7	J	34.2	J
1234(6)78-HxCDF [ng/kg d.w.]	46.2	J	102		42.7	J	57.3	J	91.9	J
1234(6)78-HxCDD [ng/kg d.w.]	62.9	J	81.4	J	49.5	J	75.0	J	63.5	J
123789-HxCDD [ng/kg d.w.]	31.6	J	40.4	J	26.3	J	36.8	J	32.7	J
1234678-HpCDF [ng/kg d.w.]	396		561		337		444		401	
1234678-HpCDD [ng/kg d.w.]	734		1000		604		801		779	
OCDF [ng/kg d.w.]	842		1170		646		752		855	
OCDD [ng/kg d.w.]	8080		12700		5890		7340		7430	
<b>ETEQ (ND=0.5 LoD)</b>	<b>161</b>		<b>210</b>		<b>104</b>		<b>147</b>		<b>179</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140308		140309		140310		140311		140312	
<b>Sample Description</b>	Primary Sample 336 Dick St - DU A	Flag	Primary Sample 336 Dick St - DU B	Flag	Primary Sample 341 Longview St	Flag	Primary Sample 424 Lemke St	Flag	Primary Sample 2008 Wisconsin St - DU A	Flag
<b>Sample Date</b>	11/20/2013		11/20/2013		11/20/2013		11/20/2013		11/20/2013	
<b>wet weight [g]</b>	26.6		25.5		25.1		26.6		24.8	
moisture [%]	12.7%		17.2%		17.8%		16.4%		18.5%	
2378-TCDF [ng/kg d.w.]	10.4	J	27.3		21.4	Y	17.9	J	31.9	J
2378-TCDD [ng/kg d.w.]	39.7		52.6		56.0		46.2		44.1	J
23478-PeCDF [ng/kg d.w.]	17.5	J	33.8	J	31.5	J	25.3	J	38.4	J
12378-PeCDD [ng/kg d.w.]	25.0	J	44.1	J	38.8	J	36.9	J	37.1	J
1234(6)78-HxCDF [ng/kg d.w.]	38.4	J	68.4	J	55.6	J	48.6	J	68.5	J
1234(6)78-HxCDD [ng/kg d.w.]	57.9	J	104		88.9		80.4	J	88.9	J
123789-HxCDD [ng/kg d.w.]	29.5	J	52.3		47.4		43.2	J	45.8	J
1234678-HpCDF [ng/kg d.w.]	561		991		780		685		582	
1234678-HpCDD [ng/kg d.w.]	705		1180		1130		1050		1120	
OCDF [ng/kg d.w.]	863		1520		1310		1050		1220	
OCDD [ng/kg d.w.]	7050		13900		11300		10000		11100	
<b>ETEQ (ND=0.5 LoD)</b>	<b>104</b>		<b>166</b>		<b>155</b>		<b>137</b>		<b>144</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140313		140314		140323		140324		140325	
Sample Description	Primary Sample 2008 Wisconsin St - DU B	Flag	Primary Sample 2008 Wisconsin St - DU C	Flag	Primary Sample 2711 Parsons Ct	Flag	Primary Sample 2302 Cleveland Ave	Flag	Primary Sample 2804 Parsons Ct - DU A	Flag
Sample Date	11/20/2013		11/20/2013		11/14/2013		11/14/2013		11/14/2013	
wet weight [g]	24.4		26.1		25.8		24.5		25.9	
moisture [%]	19.1%		17.8%		14.6%		18.9%		15.9%	
2378-TCDF [ng/kg d.w.]	24.3	J	23.8	J	9.61	J	7.73	J	9.11	J
2378-TCDD [ng/kg d.w.]	32.5	J	29.3	J	22.3	J	22.6	J	12.7	J
23478-PeCDF [ng/kg d.w.]	30.6	J,Y	26.2	J,Y	13.1	J,Y	10.7	J	13.6	J,Y
12378-PeCDD [ng/kg d.w.]	28.7	J	34.3	J	23.2	J	11.6	J	15.5	J
1234(6)78-HxCDF [ng/kg d.w.]	54.9	J	42.8	J	30.8	J	18.6	J	23.1	J
1234(6)78-HxCDD [ng/kg d.w.]	61.6	J	51.9	J	50.2	J	27.5	J	30.3	J
123789-HxCDD [ng/kg d.w.]	31.5	J	27.8	J	28.5	J	15.7	J	16.7	J,Y
1234678-HpCDF [ng/kg d.w.]	397		324	Y	345		86.4		147	J
1234678-HpCDD [ng/kg d.w.]	585		464		625		319		226	
OCDF [ng/kg d.w.]	597	J	481	J	594		211	J	230	J
OCDD [ng/kg d.w.]	6520		4830		5780		3050		2230	
<b>ETEQ (ND=0.5 LoD)</b>	<b>105</b>		<b>100</b>		<b>76.7</b>		<b>51.9</b>		<b>46.9</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140326		140327		140328		140329		140330	
Sample Description	Primary Sample 2804 Parsons Ct - DU B	Flag	Primary Sample 321 Longview St	Flag	Primary Sample 329 Longview St	Flag	Primary Sample 405 Longview St	Flag	Primary Sample 408 Longview St	Flag
Sample Date	11/14/2013		11/14/2013		11/14/2013		11/14/2013		11/14/2013	
wet weight [g]	25.5		25.7		25		26.1		24.4	
moisture [%]	17.5%		16.2%		16.7%		15.3%		20.1%	
2378-TCDF [ng/kg d.w.]	17.1	J	18.2	J	22.3	J,Y	25.7	J	19.8	J,Y
2378-TCDD [ng/kg d.w.]	31.0		27.2	J	44.5		38.7	J	45.5	J
23478-PeCDF [ng/kg d.w.]	21.0	J	25.5	J	28.6	J	36.9	J	27.7	J
12378-PeCDD [ng/kg d.w.]	23.0	J,Y	30.6	J	39.2	J	35.2	J	33.8	J
1234(6)78-HxCDF [ng/kg d.w.]	36.3	J,Y	49.7	J	60.5	J	62.9	J	49.7	J
1234(6)78-HxCDD [ng/kg d.w.]	52.7	J	67.9	J	91.8	J	82.7	J	76.6	J
123789-HxCDD [ng/kg d.w.]	28.1	J,Y	35.1	J	47.7	J	45.8	J	42.7	J
1234678-HpCDF [ng/kg d.w.]	355		580		763		682		456	
1234678-HpCDD [ng/kg d.w.]	615		856		1140		871		913	
OCDF [ng/kg d.w.]	606		987		1530		1190		839	
OCDD [ng/kg d.w.]	5670		8510		11200		8820		8800	
<b>ETEQ (ND=0.5 LoD)</b>	<b>89.5</b>		<b>105</b>		<b>144</b>		<b>131</b>		<b>129</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140331		140332		140333		140334		140335	
<b>Sample Description</b>	Primary Sample 409 Longview St	Flag	Primary Sample 1129 E Haley St	Flag	Primary Sample 1317 E Haley St	Flag	Primary Sample 2119 Carolina St	Flag	Primary Sample 309 Waldo Ave	Flag
<b>Sample Date</b>	11/14/2013		11/14/2013		11/14/2013		11/14/2013		11/14/2013	
<b>wet weight [g]</b>	25.4		25		26		24.5		25.5	
moisture [%]	18.6%		18.4%		14.9%		20.8%		15.3%	
2378-TCDF [ng/kg d.w.]	16.7	J	162		27.5	J	458		13.9	J
2378-TCDD [ng/kg d.w.]	44.2		70.3		70.3		139		33.4	J
23478-PeCDF [ng/kg d.w.]	24.6	J	89.6	J	34.1	J	172	J	23.5	J
12378-PeCDD [ng/kg d.w.]	35.1	J	46.3	J	46.6	J	64.2	J	29.0	J
1234(6)78-HxCDF [ng/kg d.w.]	49.6	J	124	J	70.2	J	176	J	42.4	J
1234(6)78-HxCDD [ng/kg d.w.]	76.7	J	102	J	90.3	J	115	J	63.3	J
123789-HxCDD [ng/kg d.w.]	40.6	J	51.1	J	47.6	J	54.9	J	33.4	J
1234678-HpCDF [ng/kg d.w.]	674		601		690		742		532	
1234678-HpCDD [ng/kg d.w.]	931		1460		1230		1440		768	
OCDF [ng/kg d.w.]	1050		1730		1390		1830		838	
OCDD [ng/kg d.w.]	8810		13900		12500		14600		7130	
<b>ETEQ (ND=0.5 LoD)</b>	<b>130</b>		<b>224</b>		<b>183</b>		<b>379</b>		<b>105</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140336		140337		140338		140339		140340	
<b>Sample Description</b>	Primary Sample 350 Dick St - DU A	Flag	Primary Sample 350 Dick St - DU B	Flag	Primary Sample 420 Dick St - DU A	Flag	Primary Sample 420 Dick St - DU B	Flag	Primary Sample 420 Dick St - DU C	Flag
<b>Sample Date</b>	11/14/2013		11/14/2013		11/14/2013		11/14/2013		11/14/2013	
<b>wet weight [g]</b>	25.3		25.3		25.9		25.8		25.5	
moisture [%]	15.7%		16.6%		16.3%		16.1%		16.3%	
2378-TCDF [ng/kg d.w.]	15.9	J	15.7	J	13.9	J,Y	13.9	J,Y	23.4	J,Y
2378-TCDD [ng/kg d.w.]	36.0		49.0		28.7	J	37.9		54.5	
23478-PeCDF [ng/kg d.w.]	20.6	J	23.6	J	20.6	J	16.0	J	31.2	J
12378-PeCDD [ng/kg d.w.]	26.5	J	36.2	J	25.5	J	19.0	J	41.1	J
1234(6)78-HxCDF [ng/kg d.w.]	42.7	J	49.3	J	47.1	J	35.5	J	70.5	J
1234(6)78-HxCDD [ng/kg d.w.]	65.6	J	80.9	J	64.5	J	48.4	J	103	J
123789-HxCDD [ng/kg d.w.]	34.1	J	42.6	J	33.8	J	25.6	J	54.9	J
1234678-HpCDF [ng/kg d.w.]	641		779		762		550		1150	
1234678-HpCDD [ng/kg d.w.]	804		1030		836		606		1230	
OCDF [ng/kg d.w.]	996		1260		1210		803		1600	
OCDD [ng/kg d.w.]	7870		12000		8870		6290		13500	
<b>ETEQ (ND=0.5 LoD)</b>	<b>107</b>		<b>140</b>		<b>100</b>		<b>92.2</b>		<b>166</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140343		140344		140345		140346		140347	
Sample Description	Primary Sample 410 E Nelson St - DU A	Flag	Primary Sample 410 E Nelson St - DU B	Flag	Primary Sample 410 E Nelson St - DU C	Flag	Primary Sample 410 E Nelson St - DU D	Flag	Primary Sample 410 E Nelson St - DU E	Flag
Sample Date	10/29/2013		10/29/2013		10/29/2013		10/29/2013		10/29/2013	
wet weight [g]	28		25.5		27		25.7		24.9	
moisture [%]	11.2%		16.8%		15.4%		14.8%		19.2%	
2378-TCDF [ng/kg d.w.]	25.5		82.4		104		66.1		32.3	J
2378-TCDD [ng/kg d.w.]	2.71	J,Y	30.3		14.1	J,Y	30.5	Y	37.0	
23478-PeCDF [ng/kg d.w.]	15.1	J	55.1	J	53.9	J	40.6	J	43.1	J
12378-PeCDD [ng/kg d.w.]	2.07	J,Y	21.2	J	12.8	J	17.4	J	24.1	J
1234(6)78-HxCDF [ng/kg d.w.]	22.7	J	67.1	J	64.7	J	55.1	J	58.9	J
1234(6)78-HxCDD [ng/kg d.w.]	6.35	J	49.2	J	35.6	J	43.5	J	64.3	J
123789-HxCDD [ng/kg d.w.]	2.21	J,Y	27.2	J	16.7	J	22.9	J	33.4	J
1234678-HpCDF [ng/kg d.w.]	74.5		228		174		209		396	
1234678-HpCDD [ng/kg d.w.]	90.1		469		453		457		736	
OCDF [ng/kg d.w.]	236		398		349		346		582	
OCDD [ng/kg d.w.]	830		4320		4540		4000		6490	
<b>ETEQ (ND=0.5 LoD)</b>	<b>17.9</b>		<b>104</b>		<b>76.5</b>		<b>91.1</b>		<b>111</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140348		140349		140350		140351		140352	
Sample Description	Primary Sample 410 E Nelson St - DU F	Flag	Primary Sample 410 E Nelson St - DU G	Flag	Primary Sample 410 E Nelson St - DU H	Flag	Primary Sample 410 E Nelson St - DU I	Flag	Primary Sample 410 E Nelson St - DU J	Flag
Sample Date	10/29/2013		10/29/2013		10/29/2013		10/29/2013		10/29/2013	
wet weight [g]	27.6		24.4		24.6		27		24.6	
moisture [%]	8.8%		20.4%		19.9%		14.5%		19.3%	
2378-TCDF [ng/kg d.w.]	1.96	J,Y	34.6	J	17.2	J	8.98	J,Y	20.4	J
2378-TCDD [ng/kg d.w.]	< 7.72	J,Y	42.0		13.5	J,Y	4.52	J	23.7	J
23478-PeCDF [ng/kg d.w.]	< 5.84	J,Y	41.0	J	23.7	J	7.01	J	19.4	J,Y
12378-PeCDD [ng/kg d.w.]	< 5.00	J,Y	28.0	J	14.7	J	4.56	J,Y	17.5	J
1234(6)78-HxCDF [ng/kg d.w.]	3.30	J,Y	68.5	J	33.9	J	8.68	J	24.7	J
1234(6)78-HxCDD [ng/kg d.w.]	2.83	J,Y	70.4	J	37.6	J	17.2	J	29.7	J
123789-HxCDD [ng/kg d.w.]	2.61	J	36.9	J	22.3	J	6.64	J,Y	16.2	J
1234678-HpCDF [ng/kg d.w.]	9.10	J	508		236		36.7		149	
1234678-HpCDD [ng/kg d.w.]	21.8		806		479		236		277	
OCDF [ng/kg d.w.]	11.6	J,Y	708		315	J	81.2	J	229	J
OCDD [ng/kg d.w.]	171		7240		4250		2990		2630	
<b>ETEQ (ND=0.5 LoD)</b>	<b>9.10</b>		<b>125</b>		<b>57.8</b>		<b>20.0</b>		<b>64.4</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140353		140354		140355		140356		140373	
Sample Description	Primary Sample 410 E Nelson St - DU L	Flag	Primary Sample 410 E Nelson St - DU M	Flag	Primary Sample 410 E Nelson St - DU N	Flag	Primary Sample 410 E Nelson St - DU O	Flag	Primary Sample 2106 Kentucky St	Flag
Sample Date	10/29/2013		10/29/2013		10/29/2013		10/29/2013		10/21/2013	
wet weight [g]	25.1		27.4		27.3		25.6		26	
moisture [%]	18.7%		12.3%		12.3%		17.7%		15.4%	
2378-TCDF [ng/kg d.w.]	27.4	J	33.8		9.30	J	622		20.1	J
2378-TCDD [ng/kg d.w.]	57.9		4.99	J	< 9.88	J,Y	52.9		45.5	
23478-PeCDF [ng/kg d.w.]	20.5	J,Y	16.7	J	< 8.82	J,Y	256		22.4	J,Y
12378-PeCDD [ng/kg d.w.]	30.4	J	< 9.19	J,Y	< 8.45	J,Y	25.0	J	28.8	J
1234(6)78-HxCDF [ng/kg d.w.]	38.5	J	18.7	J	6.11	J,Y	240		39.2	J
1234(6)78-HxCDD [ng/kg d.w.]	54.9	J	9.70	J	< 18.2	J,Y	46.8	J	53.5	J
123789-HxCDD [ng/kg d.w.]	25.3	J	5.58	J	< 8.23	J,Y	21.8	J	28.1	J
1234678-HpCDF [ng/kg d.w.]	247		39.3		9.84	J	416		352	
1234678-HpCDD [ng/kg d.w.]	566		113		22.4	J	462		732	
OCDF [ng/kg d.w.]	456		79.3	J	27.0	J	485		786	
OCDD [ng/kg d.w.]	4720		1130		201		4290		7530	
<b>ETEQ (ND=0.5 LoD)</b>	<b>125</b>		<b>24.4</b>		<b>14.4</b>		<b>271</b>		<b>113</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140374		140375		140376		140377		140378	
Sample Description	Primary Sample 2109 Kentucky St	Flag	Primary Sample 2121 Kentucky St	Flag	Primary Sample 2216 Kentucky St	Flag	Primary Sample 301 Longview St	Flag	Primary Sample 305 Longview St	Flag
Sample Date	10/21/2013		10/21/2013		10/21/2013		10/21/2013		10/21/2013	
wet weight [g]	24.8		25.4		23.6		25.4		25.2	
moisture [%]	18.0%		16.5%		23.6%		16.6%		18.1%	
2378-TCDF [ng/kg d.w.]	107		16.9	J	23.8	J	17.0	J	14.3	J
2378-TCDD [ng/kg d.w.]	54.3		61.4		84.0		30.8		32.3	
23478-PeCDF [ng/kg d.w.]	64.7		19.3	J	26.6	J	15.0	J,Y	15.5	J,Y
12378-PeCDD [ng/kg d.w.]	34.5	J	27.9	J	44.4	J	17.2	J	20.7	J,Y
1234(6)78-HxCDF [ng/kg d.w.]	115		33.8	J	52.2	J	27.1	J	37.6	J
1234(6)78-HxCDD [ng/kg d.w.]	68.5	J	52.0	J	98.1	J	38.8	J	52.4	J
123789-HxCDD [ng/kg d.w.]	32.6	J	27.9	J	46.9	J	22.0	J	26.5	J
1234678-HpCDF [ng/kg d.w.]	799		297		515		332		370	
1234678-HpCDD [ng/kg d.w.]	913		751		1630		556		700	
OCDF [ng/kg d.w.]	1370		663		1320		562		686	
OCDD [ng/kg d.w.]	8970		7660		16400		5060		6640	
<b>ETEQ (ND=0.5 LoD)</b>	<b>169</b>		<b>127</b>		<b>194</b>		<b>77.2</b>		<b>87.8</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140379		140380		140381		140382		140383	
Sample Description	Primary Sample 317 Longview St	Flag	Primary Sample 420 Lemke St - DU A	Flag	Primary Sample 420 Lemke St - DU B	Flag	Primary Sample 425 Lemke St	Flag	Primary Sample 428 Lemke St	Flag
Sample Date	10/21/2013		10/21/2013		10/21/2013		10/21/2013		10/21/2013	
wet weight [g]	26		25.3		25.4		24.9		25.9	
moisture [%]	15.4%		16.7%		15.6%		17.1%		14.4%	
2378-TCDF [ng/kg d.w.]	24.6		34.0		25.2		18.6	J	21.7	J
2378-TCDD [ng/kg d.w.]	35.1		47.7		38.5		39.3		21.5	J
23478-PeCDF [ng/kg d.w.]	23.7	J	56.4	J	31.2	J	22.6	J	21.3	J,Y
12378-PeCDD [ng/kg d.w.]	30.1	J	35.4	J	38.8	J	32.2	J	19.4	J
1234(6)78-HxCDF [ng/kg d.w.]	48.7	J	62.4	J	61.9	J	40.9	J	38.0	J
1234(6)78-HxCDD [ng/kg d.w.]	74.7	J	78.2	J	90.7	J	66.5	J	45.2	J
123789-HxCDD [ng/kg d.w.]	38.1	J	40.7	J	50.3	J	34.8	J	24.2	J
1234678-HpCDF [ng/kg d.w.]	636		739		937		594		435	
1234678-HpCDD [ng/kg d.w.]	933		932		1020		859		561	
OCDF [ng/kg d.w.]	951		1080		1280		995		647	
OCDD [ng/kg d.w.]	9020		9300		11000		8770		5540	
<b>ETEQ (ND=0.5 LoD)</b>	<b>116</b>		<b>148</b>		<b>140</b>		<b>118</b>		<b>75.6</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140384		140385		140386		140387		140388	
<b>Sample Description</b>	Primary Sample 434 Lemke St	Flag	Primary Sample 1306 Ohio St	Flag	Primary Sample 1309 Ohio St	Flag	Primary Sample 1310 Ohio St	Flag	Primary Sample 1401 Ohio St	Flag
<b>Sample Date</b>	10/21/2013		10/23/2013		10/23/2013		10/23/2013		10/23/2013	
<b>wet weight [g]</b>	26.1		25.3		25.4		25.3		25.6	
moisture [%]	13.5%		16.7%		17.8%		17.4%		15.6%	
2378-TCDF [ng/kg d.w.]	17.5	J	32.8	J	44.6		19.1	Y	232	
2378-TCDD [ng/kg d.w.]	18.2	J	104		78.5		62.3		50.8	
23478-PeCDF [ng/kg d.w.]	18.7	J	39.4	J,Y	41.7	J	20.6	J	117	
12378-PeCDD [ng/kg d.w.]	21.5	J	55.4	J	51.8	J	33.3		33.3	J
1234(6)78-HxCDF [ng/kg d.w.]	34.7	J	67.3	J	71.9	J	39.7	J	144	
1234(6)78-HxCDD [ng/kg d.w.]	48.3	J	92.1	J	101	J	65.3	J	60.8	J
123789-HxCDD [ng/kg d.w.]	26.5	J	45.3	J	49.2	J	31.3	J	32.9	J
1234678-HpCDF [ng/kg d.w.]	462		602		631		362		451	
1234678-HpCDD [ng/kg d.w.]	594		1380		1270		770		767	
OCDF [ng/kg d.w.]	813		1330		1400		864		922	
OCDD [ng/kg d.w.]	5250		13200		12800		7180		7540	
<b>ETEQ (ND=0.5 LoD)</b>	<b>73.9</b>		<b>230</b>		<b>203</b>		<b>138</b>		<b>190</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140389		140391		140392		140393		140394	
<b>Sample Description</b>	Primary Sample 1414 Ohio St	Flag	Primary Sample 1601 Ohio St	Flag	Primary Sample 1613 Ohio St	Flag	Primary Sample 1614 Maryland St	Flag	Primary Sample 1614 Ohio St	Flag
<b>Sample Date</b>	10/23/2013		10/23/2013		10/23/2013		10/23/2013		10/23/2013	
<b>wet weight [g]</b>	24.1		24.7		25.5		26.3		25.3	
moisture [%]	20.0%		20.1%		16.5%		13.4%		16.0%	
2378-TCDF [ng/kg d.w.]	168		955		24.0		33.4		32.3	
2378-TCDD [ng/kg d.w.]	118		54.4		58.5		98.6		83.2	
23478-PeCDF [ng/kg d.w.]	100		444		25.3	J	30.3	J	31.3	
12378-PeCDD [ng/kg d.w.]	63.6		48.4	J	41.0		46.9		42.3	
1234(6)78-HxCDF [ng/kg d.w.]	135		526		44.1	J	56.4	J	49.3	J
1234(6)78-HxCDD [ng/kg d.w.]	119		68.2	J	64.8		71.9		72.2	
123789-HxCDD [ng/kg d.w.]	59.2		30.3	J	30.7		37.8		32.6	
1234678-HpCDF [ng/kg d.w.]	756		917		405		609		483	
1234678-HpCDD [ng/kg d.w.]	1770		873		755		1050		939	
OCDF [ng/kg d.w.]	1780		1460		764		1340		1140	
OCDD [ng/kg d.w.]	18100		9360		8300		10100		9230	
<b>ETEQ (ND=0.5 LoD)</b>	<b>306</b>		<b>436</b>		<b>145</b>		<b>205</b>		<b>180</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140395		140396		140397		140398		140399	
<b>Sample Description</b>	Primary Sample 1618 Ohio St	Flag	Primary Sample 2011 Swede Ave	Flag	Primary Sample 2115 Swede Ave	Flag	Primary Sample 2705 Parsons Ct	Flag	Primary Sample 2716 Parsons Ct	Flag
<b>Sample Date</b>	10/23/2013		10/23/2013		10/23/2013		10/23/2013		10/23/2013	
<b>wet weight [g]</b>	26.2		26.2		26.7		26		26.3	
moisture [%]	14.6%		14.8%		12.1%		13.5%		13.7%	
2378-TCDF [ng/kg d.w.]	24.9		21.9	J,Y	12.9	Y	17.6		22.4	
2378-TCDD [ng/kg d.w.]	68.0		67.6		24.4		24.4		53.2	
23478-PeCDF [ng/kg d.w.]	23.8	J	21.0	J,Y	13.9	J,Y	16.1	J	21.7	J
12378-PeCDD [ng/kg d.w.]	39.8		36.9	J	17.1	J	21.4	J	35.3	
1234(6)78-HxCDF [ng/kg d.w.]	42.8	J	37.4	J	25.0	J	31.6	J	44.6	J
1234(6)78-HxCDD [ng/kg d.w.]	59.0	J	53.7	J	32.8	J	50.8	J	72.0	
123789-HxCDD [ng/kg d.w.]	29.5		27.2	J	15.4	J	27.1	J	37.3	
1234678-HpCDF [ng/kg d.w.]	392		352		213		402		606	
1234678-HpCDD [ng/kg d.w.]	816		723		396		687		992	
OCDF [ng/kg d.w.]	825		689		414		648		948	
OCDD [ng/kg d.w.]	8910		7280		4070		6650		9110	
<b>ETEQ (ND=0.5 LoD)</b>	<b>153</b>		<b>145</b>		<b>64.8</b>		<b>80.3</b>		<b>139</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140400		140401		140402		140430		140431	
Sample Description	Primary Sample 2720 Parsons Ct	Flag	Primary Sample 2800 Parsons Ct - DU A	Flag	Primary Sample 2800 Parsons Ct - DU B	Flag	Primary Sample 2009 Virginia St	Flag	Primary Sample 2010 Virginia St	Flag
Sample Date	10/23/2013		10/23/2013		10/23/2013		10/24/2013		10/24/2013	
wet weight [g]	25.4		26		25.3		24.7		25	
moisture [%]	18.1%		15.5%		18.0%		19.2%		17.0%	
2378-TCDF [ng/kg d.w.]	28.6		21.6		35.2		68.2		35.7	
2378-TCDD [ng/kg d.w.]	50.2		42.5		61.8		85.7		66.9	
23478-PeCDF [ng/kg d.w.]	24.5	J	18.5	J	33.7		53.6	J	30.5	J
12378-PeCDD [ng/kg d.w.]	34.7		26.0	J	48.9		48.1	J	43.0	
1234(6)78-HxCDF [ng/kg d.w.]	54.3		35.4	J	68.7		95.7	J	55.3	J
1234(6)78-HxCDD [ng/kg d.w.]	82.0		60.5	J	114		99.8	J	73.0	
123789-HxCDD [ng/kg d.w.]	41.8		29.9	J	59.4		51.9	J	36.5	
1234678-HpCDF [ng/kg d.w.]	735		465		918		651		462	
1234678-HpCDD [ng/kg d.w.]	1040		715		1290		1410		1020	
OCDF [ng/kg d.w.]	1250		715		1360		1640		1140	
OCDD [ng/kg d.w.]	9700		6650		12000		14600		11500	
<b>ETEQ (ND=0.5 LoD)</b>	<b>141</b>		<b>108</b>		<b>184</b>		<b>217</b>		<b>166</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140433		140434		140435		140436		140437	
Sample Description	Primary Sample 2105 Tennessee St	Flag	Primary Sample 2114 Tennessee St	Flag	Primary Sample 2117 Tennessee St	Flag	Primary Sample 2206 Tennessee St	Flag	Primary Sample 2209 Swede Ave	Flag
Sample Date	10/24/2013		10/24/2013		10/24/2013		10/24/2013		10/24/2013	
wet weight [g]	23.9		24.9		25.2		24.2		25.8	
moisture [%]	21.5%		17.1%		16.2%		19.5%		15.5%	
2378-TCDF [ng/kg d.w.]	13.1	J,Y	15.1	Y	22.0		90.4		47.8	
2378-TCDD [ng/kg d.w.]	96.6		68.3		92.4		77.3		57.3	
23478-PeCDF [ng/kg d.w.]	24.8	J	22.6	J,Y	28.2		60.1		33.0	
12378-PeCDD [ng/kg d.w.]	48.4		42.5		51.0		37.6		39.6	
1234(6)78-HxCDF [ng/kg d.w.]	51.4	J	44.8	J	60.6		76.2		55.5	J
1234(6)78-HxCDD [ng/kg d.w.]	77.6		66.8		79.0		63.9	J	56.4	J
123789-HxCDD [ng/kg d.w.]	38.4		33.6		38.6		30.3	J	28.4	
1234678-HpCDF [ng/kg d.w.]	521		402		526		408		379	
1234678-HpCDD [ng/kg d.w.]	1010		961		1010		865		785	
OCDF [ng/kg d.w.]	1630		999		1260		968		989	
OCDD [ng/kg d.w.]	12200		13100		10300		9860		8390	
<b>ETEQ (ND=0.5 LoD)</b>	<b>200</b>		<b>159</b>		<b>201</b>		<b>184</b>		<b>147</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140438		140439		140440		140441		140442	
Sample Description	Primary Sample 2213 Tennessee St	Flag	Primary Sample 2217 Tennessee St	Flag	Primary Sample 310 Townsend St	Flag	Primary Sample 314 Townsend St	Flag	Primary Sample 2101 Kentucky St	Flag
Sample Date	10/24/2013		10/24/2013		10/24/2013		10/24/2013		10/18/2013	
wet weight [g]	25.1		25		25.3		25		24.4	
moisture [%]	16.5%		17.5%		16.9%		16.9%		19.3%	
2378-TCDF [ng/kg d.w.]	9.63	J	197		44.9		39.8		70.6	
2378-TCDD [ng/kg d.w.]	52.5		68.3		25.3		24.0		71.4	
23478-PeCDF [ng/kg d.w.]	16.1	J	84.3		40.8	J	32.3	J	47.5	
12378-PeCDD [ng/kg d.w.]	33.9		45.0		21.1	J	21.4	J	35.1	
1234(6)78-HxCDF [ng/kg d.w.]	31.3	J	99.4		58.0	J	47.1	J	78.7	
1234(6)78-HxCDD [ng/kg d.w.]	48.8	J	73.3		58.2	J	43.7	J	69.5	
123789-HxCDD [ng/kg d.w.]	25.2	J	36.3		30.1	J	24.6	J	34.3	
1234678-HpCDF [ng/kg d.w.]	284		402		318		235		540	
1234678-HpCDD [ng/kg d.w.]	663		848		723		478		1080	
OCDF [ng/kg d.w.]	672		947		848		437		1150	
OCDD [ng/kg d.w.]	7870		9350		6620		3970		10600	
<b>ETEQ (ND=0.5 LoD)</b>	<b>121</b>		<b>205</b>		<b>94.8</b>		<b>83.0</b>		<b>174</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140443		140444		140445		140446		140447	
<b>Sample Description</b>	Primary Sample 2110 Kentucky St	Flag	Primary Sample 2118 Kentucky St	Flag	Primary Sample 2203 Kentucky St	Flag	Primary Sample 2013 Virginia St	Flag	Primary Sample 2020 Virginia St	Flag
<b>Sample Date</b>	10/18/2013		10/18/2013		10/18/2013		10/25/2013		10/25/2013	
<b>wet weight [g]</b>	24.4		24.4		25.8		24.8		25.5	
moisture [%]	18.8%		20.6%		16.1%		18.0%		15.7%	
2378-TCDF [ng/kg d.w.]	19.0		14.2		19.1		23.5	Y	23.5	
2378-TCDD [ng/kg d.w.]	67.0		37.7		71.2		61.6		53.7	
23478-PeCDF [ng/kg d.w.]	21.4	J	14.3	J	20.2	J,Y	28.9		26.4	
12378-PeCDD [ng/kg d.w.]	34.1		20.6	J	38.4		35.8		26.6	
1234(6)78-HxCDF [ng/kg d.w.]	40.0	J	29.0	J	45.0		48.8		47.3	J
1234(6)78-HxCDD [ng/kg d.w.]	58.8		37.8	J	76.0		71.0		60.2	
123789-HxCDD [ng/kg d.w.]	27.9		18.7	J	39.5		33.4		28.8	
1234678-HpCDF [ng/kg d.w.]	340		271		388		557		400	
1234678-HpCDD [ng/kg d.w.]	810		584		1080		882		776	
OCDF [ng/kg d.w.]	782		680		974		972		830	
OCDD [ng/kg d.w.]	8100		6210		11600		9580		7700	
<b>ETEQ (ND=0.5 LoD)</b>	<b>143</b>		<b>87.4</b>		<b>160</b>		<b>148</b>		<b>125</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140448		140449		140450		140451		140452	
Sample Description	Primary Sample 2107 Virginia St	Flag	Primary Sample 2215 Virginia St	Flag	Primary Sample 505 E Carpenter DU A	Flag	Primary Sample 505 E Carpenter DU B	Flag	Primary Sample 505 E Carpenter DU C	Flag
Sample Date	10/25/2013		10/25/2013		10/25/2013		10/25/2013		10/25/2013	
wet weight [g]	24.9		25		24.1		24.7		26.1	
moisture [%]	17.5%		16.9%		20.1%		19.3%		13.7%	
2378-TCDF [ng/kg d.w.]	27.3		386		20.4	J	12.9	J,Y	15.7	J
2378-TCDD [ng/kg d.w.]	72.7		90.4		60.6		41.7		22.0	J
23478-PeCDF [ng/kg d.w.]	34.0		193		28.1	J	17.0	J,Y	14.4	J,Y
12378-PeCDD [ng/kg d.w.]	38.1		54.5	J	33.0	J	25.4	J	16.2	J
1234(6)78-HxCDF [ng/kg d.w.]	56.7	J	245		38.2	J	26.6	J	23.7	J
1234(6)78-HxCDD [ng/kg d.w.]	77.3		115	J	66.7	J	52.8	J	28.3	J,Y
123789-HxCDD [ng/kg d.w.]	38.4		51.1	J	34.4	J	37.3	J	16.6	J
1234678-HpCDF [ng/kg d.w.]	492		647		328	Y	164	Y	145	J
1234678-HpCDD [ng/kg d.w.]	993		1480		1010		853		358	
OCDF [ng/kg d.w.]	1100		1630		575		419		331	J
OCDD [ng/kg d.w.]	10800		12900		9190		10700		3230	
<b>ETEQ (ND=0.5 LoD)</b>	<b>167</b>		<b>323</b>		<b>141</b>		<b>104</b>		<b>60.0</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140453		140454		140455		140456		140457	
Sample Description	Primary Sample 505 E Carpenter DU D	Flag	Primary Sample 1116 Rodd St	Flag	Primary Sample 1102 Rodd St	Flag	Primary Sample 2115 Virginia St - DU A	Flag	Primary Sample 2115 Virginia St - DU B	Flag
Sample Date	10/25/2013		10/25/2013		10/25/2013		10/28/2013		10/28/2013	
wet weight [g]	26.5		27.2		25.6		25.7		26.8	
moisture [%]	12.0%		10.0%		15.0%		15.0%		13.5%	
2378-TCDF [ng/kg d.w.]	6.92	J,Y	16.5		50.6		8.45	J	18.0	Y
2378-TCDD [ng/kg d.w.]	13.2		10.1	J	53.1		17.9		45.5	
23478-PeCDF [ng/kg d.w.]	8.39	J,Y	12.1	J	48.8		11.5	J	20.3	J
12378-PeCDD [ng/kg d.w.]	6.99	J,Y	7.56	J	33.2		14.6	J	34.3	
1234(6)78-HxCDF [ng/kg d.w.]	12.4	J	18.3	J	70.8	J	21.7	J	38.0	J
1234(6)78-HxCDD [ng/kg d.w.]	20.0	J	17.0	J	79.9		28.0	J	55.2	
123789-HxCDD [ng/kg d.w.]	10.4	J	9.25	J	37.0		13.0	J	29.8	
1234678-HpCDF [ng/kg d.w.]	87.1		117		470		168		348	
1234678-HpCDD [ng/kg d.w.]	201		168		881		246		623	
OCDF [ng/kg d.w.]	150		164		727		340	Y	661	
OCDD [ng/kg d.w.]	1690		1590		7570		2220		6170	
<b>ETEQ (ND=0.5 LoD)</b>	<b>32.7</b>		<b>32.3</b>		<b>148</b>		<b>50.4</b>		<b>118</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140458		140459		140460		140461		140462	
Sample Description	Primary Sample 2305 Virginia St	Flag	Primary Sample 2307 Virginia St	Flag	Primary Sample 2311 Virginia St	Flag	Primary Sample 2315 Virginia St	Flag	Primary Sample 2316 Virginia St	Flag
Sample Date	10/28/2013		10/28/2013		10/28/2013		10/28/2013		10/28/2013	
wet weight [g]	24.2		25.3		25		25.6		24.8	
moisture [%]	21.1%		18.2%		19.8%		17.5%		17.6%	
2378-TCDF [ng/kg d.w.]	592		36.6		13.1	J,Y	14.8	Y	20.5	Y
2378-TCDD [ng/kg d.w.]	91.0		61.8		70.5		50.7		85.7	
23478-PeCDF [ng/kg d.w.]	292		25.2	J	21.1	J	20.3	J	34.7	
12378-PeCDD [ng/kg d.w.]	51.1		31.0		30.1		26.9	J	45.4	
1234(6)78-HxCDF [ng/kg d.w.]	342		41.6	J	37.6	J	41.5	J	59.4	J
1234(6)78-HxCDD [ng/kg d.w.]	107		63.7		56.1	J	57.9		86.0	
123789-HxCDD [ng/kg d.w.]	48.1		31.3		26.8	J	28.6		40.2	
1234678-HpCDF [ng/kg d.w.]	567		332		312		310		471	
1234678-HpCDD [ng/kg d.w.]	1140		812		692		667		920	
OCDF [ng/kg d.w.]	1200		762		759		662		1010	
OCDD [ng/kg d.w.]	11000		8050		7080		6290		8740	
<b>ETEQ (ND=0.5 LoD)</b>	<b>377</b>		<b>139</b>		<b>140</b>		<b>116</b>		<b>188</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140463		140464		140465		140466		140467	
Sample Description	Primary Sample 305 Waldo Ave	Flag	Primary Sample 315 Waldo Ave	Flag	Primary Sample 317 Waldo Ave	Flag	Primary Sample 1125 E Haley St	Flag	Primary Sample 1213 E Haley St	Flag
Sample Date	10/28/2013		10/28/2013		10/28/2013		10/17/2013		10/17/2013	
wet weight [g]	26		24.9		27.2		26.1		25.4	
moisture [%]	15.2%		16.9%		13.6%		16.0%		18.8%	
2378-TCDF [ng/kg d.w.]	21.2	Y	54.1		6.51	J	167		29.5	
2378-TCDD [ng/kg d.w.]	36.3		46.4		13.1		82.6		59.1	
23478-PeCDF [ng/kg d.w.]	28.6		46.3		9.59	J	92.6		31.3	
12378-PeCDD [ng/kg d.w.]	33.7		37.9		14.0	J	41.5		37.8	
1234(6)78-HxCDF [ng/kg d.w.]	47.1	J	89.8		22.0	J	114		52.0	J
1234(6)78-HxCDD [ng/kg d.w.]	62.5		89.5		29.6	J	101		72.2	
123789-HxCDD [ng/kg d.w.]	32.6		47.4		17.3	J	50.5		33.9	
1234678-HpCDF [ng/kg d.w.]	499		827		225		671		473	
1234678-HpCDD [ng/kg d.w.]	881		1140		345		1370		1010	
OCDF [ng/kg d.w.]	1040		1350		353		1840		1060	
OCDD [ng/kg d.w.]	8780		10700		3350		12800		10600	
<b>ETEQ (ND=0.5 LoD)</b>	<b>118</b>		<b>158</b>		<b>46.6</b>		<b>231</b>		<b>150</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140468		140469		140470		140471		140472	
<b>Sample Description</b>	Primary Sample 1318 Eastlawn Dr	Flag	Primary Sample 1321 E Haley St	Flag	Primary Sample 1407 E Haley St	Flag	Primary Sample 1418 Eastlawn Dr	Flag	Primary Sample 1419 E Haley St	Flag
<b>Sample Date</b>	10/17/2013		10/17/2013		10/17/2013		10/17/2013		10/17/2013	
<b>wet weight [g]</b>	26.6		25.5		26.3		26.4		26.2	
moisture [%]	14.7%		15.6%		14.3%		16.8%		13.8%	
2378-TCDF [ng/kg d.w.]	41.6		28.0	J	46.2		34.7		38.4	
2378-TCDD [ng/kg d.w.]	61.4		48.1		92.7		74.4		107	
23478-PeCDF [ng/kg d.w.]	41.1		28.3	J,Y	44.7		28.4		28.2	J
12378-PeCDD [ng/kg d.w.]	39.1		35.6	J	60.6		38.5		37.3	
1234(6)78-HxCDF [ng/kg d.w.]	71.6		52.1	J	82.7		51.5	J	49.1	J
1234(6)78-HxCDD [ng/kg d.w.]	81.1		71.3	J	101		78.3		66.9	J
123789-HxCDD [ng/kg d.w.]	38.4		40.0	J	50.3		47.6		31.3	J
1234678-HpCDF [ng/kg d.w.]	567		487		719		386		416	
1234678-HpCDD [ng/kg d.w.]	929		987		1280		843		886	
OCDF [ng/kg d.w.]	1080		890		1340		752		868	
OCDD [ng/kg d.w.]	9190		9610		13300		8190		9970	
<b>ETEQ (ND=0.5 LoD)</b>	<b>162</b>		<b>135</b>		<b>230</b>		<b>166</b>		<b>196</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140473		140474		140475		140476		140477	
<b>Sample Description</b>	Primary Sample 1500 Eastlawn Dr	Flag	Primary Sample 1505 E Haley St	Flag	Primary Sample 1509 E Haley St	Flag	Primary Sample 1600 Eastlawn Dr	Flag	Primary Sample 1604 Eastlawn Dr	Flag
<b>Sample Date</b>	10/17/2013		10/17/2013		10/17/2013		10/17/2013		10/17/2013	
<b>wet weight [g]</b>	24.2		27.2		25.7		25.8		25.6	
moisture [%]	20.2%		11.4%		15.3%		17.3%		19.5%	
2378-TCDF [ng/kg d.w.]	37.5		547		97.1		15.4	J	21.9	
2378-TCDD [ng/kg d.w.]	70.1		71.7		84.2		49.6		58.3	
23478-PeCDF [ng/kg d.w.]	26.0	J	208		54.5		16.7	J	22.8	J
12378-PeCDD [ng/kg d.w.]	29.9	J	42.6		50.1		25.7	J	42.3	
1234(6)78-HxCDF [ng/kg d.w.]	38.2	J	170		81.0		26.2	J	40.9	J
1234(6)78-HxCDD [ng/kg d.w.]	53.1	J	70.0	J	78.2		41.6	J	63.6	J
123789-HxCDD [ng/kg d.w.]	27.2	J	34.3		36.8		18.9	J	33.8	
1234678-HpCDF [ng/kg d.w.]	282		502		531		208		357	
1234678-HpCDD [ng/kg d.w.]	675		880		966		554		799	
OCDF [ng/kg d.w.]	621		982		1030		497		729	
OCDD [ng/kg d.w.]	6500		7890		11500		5940		8060	
<b>ETEQ (ND=0.5 LoD)</b>	<b>142</b>		<b>289</b>		<b>209</b>		<b>105</b>		<b>145</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140478		140479		140480		140481		140482	
<b>Sample Description</b>	Primary Sample 1609 E Haley St	Flag	Primary Sample 1610 Eastlawn Dr	Flag	Primary Sample 1614 Eastlawn Dr	Flag	Primary Sample 311 E Ellsworth St	Flag	Primary Sample 337 Longview St	Flag
<b>Sample Date</b>	10/17/2013		10/17/2013		10/17/2013		10/17/2013		10/17/2013	
<b>wet weight [g]</b>	25.4		25.3		24.6		25.1		24.8	
moisture [%]	15.5%		17.8%		19.7%		17.8%		18.7%	
2378-TCDF [ng/kg d.w.]	28.1		17.0		21.3	Y	81.4		45.4	
2378-TCDD [ng/kg d.w.]	72.8		33.8		68.4		39.6		42.7	
23478-PeCDF [ng/kg d.w.]	25.6	J	12.7	J	24.7	J	57.4	J	35.0	
12378-PeCDD [ng/kg d.w.]	41.8		27.1	J	48.4		34.1	J	32.9	
1234(6)78-HxCDF [ng/kg d.w.]	47.0	J	25.9	J	44.7	J	83.5	J	58.9	
1234(6)78-HxCDD [ng/kg d.w.]	58.6	J	51.1	J	65.3	J	79.2	J	80.9	
123789-HxCDD [ng/kg d.w.]	30.0		25.5	J	33.9		43.9	J	42.8	
1234678-HpCDF [ng/kg d.w.]	396		191		368		407		758	
1234678-HpCDD [ng/kg d.w.]	761		592		961		878		1010	
OCDF [ng/kg d.w.]	824		432		855		830		1240	
OCDD [ng/kg d.w.]	8320		5630		10100		7660		11200	
<b>ETEQ (ND=0.5 LoD)</b>	<b>161</b>		<b>90.6</b>		<b>165</b>		<b>142</b>		<b>137</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140483		140485		140486		140487		140488	
Sample Description	Primary Sample 612 & 614 E Haley St	Flag	Primary Sample 2101 Tennessee St	Flag	Primary Sample 2607 Bay City Rd - DU A	Flag	Primary Sample 2607 Bay City Rd - DU B	Flag	Primary Sample 2607 Bay City Rd - DU C	Flag
Sample Date	10/17/2013		10/24/2013		10/15/2013		10/15/2013		10/15/2013	
wet weight [g]	24.9		24.1		25.6		23.4		25.5	
moisture [%]	19.2%		19.8%		17.1%		22.6%		17.1%	
2378-TCDF [ng/kg d.w.]	27.4		20.1		11.4		13.4	J,Y	4.47	J,Y
2378-TCDD [ng/kg d.w.]	56.3		105		14.5		11.1	J	8.82	J,Y
23478-PeCDF [ng/kg d.w.]	25.3	J	29.4	J	10.7	J,Y	9.30	J,Y	5.33	J,Y
12378-PeCDD [ng/kg d.w.]	25.6	J	62.6		14.0	J,Y	13.1	J,Y	8.07	J,Y
1234(6)78-HxCDF [ng/kg d.w.]	47.7	J	55.3	J	24.0	J,Y	22.3	J	12.2	J
1234(6)78-HxCDD [ng/kg d.w.]	65.6	J	89.7		37.7	J	49.5	J	26.0	J
123789-HxCDD [ng/kg d.w.]	36.8		42.3		18.2	J	21.0	J	13.5	J
1234678-HpCDF [ng/kg d.w.]	366		587		237		209		171	
1234678-HpCDD [ng/kg d.w.]	1030		1260		614		693		332	
OCDF [ng/kg d.w.]	912		1380		429		361		293	
OCDD [ng/kg d.w.]	10600		13900		5920		6060		3460	
<b>ETEQ (ND=0.5 LoD)</b>	<b>131</b>		<b>232</b>		<b>53.8</b>		<b>50.9</b>		<b>31.8</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140489		140490		140491		140492		140493	
Sample Description	Primary Sample2607 Bay City Rd - DU D	Flag	Primary Sample2607 Bay City Rd - DU E	Flag	Primary Sample2607 Bay City Rd - DU F	Flag	Primary Sample2607 Bay City Rd - DU G	Flag	Primary Sample1310 Eastlawn Dr	Flag
Sample Date	10/15/2013		10/15/2013		10/15/2013		10/15/2013		10/16/2013	
wet weight [g]	25		26.3		26.9		26.7		25	
moisture [%]	17.4%		12.4%		11.8%		11.9%		17.5%	
2378-TCDF [ng/kg d.w.]	6.48	J,Y	8.70	J	7.32	J	19.1	J	16.2	
2378-TCDD [ng/kg d.w.]	9.53	J	6.42	J,Y	8.73	J,Y	9.11	J	61.2	
23478-PeCDF [ng/kg d.w.]	7.33	J,Y	7.60	J,Y	7.99	J,Y	14.5	J,Y	22.7	J
12378-PeCDD [ng/kg d.w.]	7.25	J,Y	6.12	J	8.81	J	11.6	J,Y	25.6	J
1234(6)78-HxCDF [ng/kg d.w.]	16.3	J	11.6	J,Y	14.3	J,Y	19.5	J,Y	37.5	J
1234(6)78-HxCDD [ng/kg d.w.]	27.1	J	17.6	J	20.0	J	19.3	J,Y	56.6	J
123789-HxCDD [ng/kg d.w.]	13.5	J	12.5	J	9.14	J,Y	14.2	J	28.7	J
1234678-HpCDF [ng/kg d.w.]	179		138		183		171		312	Y
1234678-HpCDD [ng/kg d.w.]	386		187		196		213		939	
OCDF [ng/kg d.w.]	376		271		259		259	J	978	
OCDD [ng/kg d.w.]	4030		1860		2080		2440		8850	
<b>ETEQ (ND=0.5 LoD)</b>	<b>33.9</b>		<b>24.9</b>		<b>31.0</b>		<b>38.7</b>		<b>129</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140494		140495		140496		140497		140498	
<b>Sample Description</b>	Primary Sample2010 Carolina St	Flag	Primary Sample2013 Carolina St	Flag	Primary Sample2017 Carolina St	Flag	Primary Sample2103 Carolina St - 6" Sample	Flag	Primary Sample2103 Carolina St - 12" Sample	Flag
<b>Sample Date</b>	10/16/2013		10/16/2013		10/16/2013		10/16/2013		10/16/2013	
<b>wet weight [g]</b>	25.8		23.9		25.2		25.8		27	
moisture [%]	16.7%		22.0%		17.4%		14.8%		12.6%	
2378-TCDF [ng/kg d.w.]	11.7	J,Y	17.0	J	199		17.1	J	17.9	
2378-TCDD [ng/kg d.w.]	53.7		74.5		144		21.8	J	22.5	
23478-PeCDF [ng/kg d.w.]	18.6	J	26.4	J	121		18.9	J	16.8	J
12378-PeCDD [ng/kg d.w.]	29.5	J	35.4	J	68.0		15.9	J	14.8	J
1234(6)78-HxCDF [ng/kg d.w.]	36.9	J	47.3	J	142		42.2	J	29.9	J
1234(6)78-HxCDD [ng/kg d.w.]	57.1	J	76.4	J	117		168		33.4	J
123789-HxCDD [ng/kg d.w.]	29.8	J	39.3		57.3		32.5	J	17.1	J
1234678-HpCDF [ng/kg d.w.]	358		423		650		2680		259	
1234678-HpCDD [ng/kg d.w.]	781		1160		1490		6130		437	
OCDF [ng/kg d.w.]	834		1060		1540		13100		507	
OCDD [ng/kg d.w.]	8050		11600		13100		43000		4290	
<b>ETEQ (ND=0.5 LoD)</b>	<b>122</b>		<b>164</b>		<b>342</b>		<b>183</b>		<b>63.6</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140500		140501		140502		140503		140504	
Sample Description	Primary Sample 2118 Carolina St - 12" Sample	Flag	Primary Sample 2202 Carolina St	Flag	Primary Sample 2315 Carolina St	Flag	Primary Sample 2316 Carolina St	Flag	Primary Sample 2710 Bay City Rd	Flag
Sample Date	10/16/2013		10/16/2013		10/16/2013		10/16/2013		10/16/2013	
wet weight [g]	27.2		25.1		25.1		26.1		26.2	
moisture [%]	11.7%		17.8%		17.4%		14.0%		15.3%	
2378-TCDF [ng/kg d.w.]	16.7		12.7	J,Y	3380		14.2		17.5	J
2378-TCDD [ng/kg d.w.]	38.8		42.1		43.7		46.2		29.6	
23478-PeCDF [ng/kg d.w.]	29.6		20.7	J	1400		24.4	J	25.8	J
12378-PeCDD [ng/kg d.w.]	25.0	J	25.9	J	50.6	Y	28.8	J	27.4	J
1234(6)78-HxCDF [ng/kg d.w.]	43.9	J	39.8	J	1010		37.6	J	54.1	J
1234(6)78-HxCDD [ng/kg d.w.]	52.3		64.9		56.7	J	53.7	J	74.4	J
123789-HxCDD [ng/kg d.w.]	25.8		33.3		25.5	J	26.7	J	39.8	
1234678-HpCDF [ng/kg d.w.]	382		328		442		318		857	
1234678-HpCDD [ng/kg d.w.]	663		720		661		595		963	
OCDF [ng/kg d.w.]	868		667		707		671		1520	
OCDD [ng/kg d.w.]	6690		6250		6460		5750		10100	
<b>ETEQ (ND=0.5 LoD)</b>	<b>104</b>		<b>107</b>		<b>1020</b>		<b>112</b>		<b>110</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140505		140506		140507		140508		140509	
<b>Sample Description</b>	Primary Sample2728 Bay City Rd	Flag	Primary Sample2908 Bay City Rd	Flag	Primary Sample2916 Bay City Rd	Flag	Primary Sample3008 Bay City Rd	Flag	Primary Sample3020 Bay City Rd	Flag
<b>Sample Date</b>	10/16/2013		10/16/2013		10/16/2013		10/16/2013		10/16/2013	
<b>wet weight [g]</b>	26.5		25.8		25		25.1		25.9	
moisture [%]	13.6%		14.0%		18.5%		17.1%		14.6%	
2378-TCDF [ng/kg d.w.]	25.1	J	21.2		19.3	Y	38.4		50.4	
2378-TCDD [ng/kg d.w.]	28.8	J	26.9		40.4	Y	50.9		46.5	
23478-PeCDF [ng/kg d.w.]	29.1	J	25.9	J	30.4	J	39.4	J	36.8	
12378-PeCDD [ng/kg d.w.]	26.0	J	22.4	J	41.3		39.4	J	33.7	
1234(6)78-HxCDF [ng/kg d.w.]	60.9	J	55.5	J	61.0	J	79.6	J	61.2	J
1234(6)78-HxCDD [ng/kg d.w.]	68.4	J	76.2		91.4		99.4	J	74.3	
123789-HxCDD [ng/kg d.w.]	34.3	J	37.1	J	55.1		51.4	J	38.0	
1234678-HpCDF [ng/kg d.w.]	844		557		971		1040		650	
1234678-HpCDD [ng/kg d.w.]	923		898		1180		1280		877	
OCDF [ng/kg d.w.]	1590		1090		1710		1930		1020	
OCDD [ng/kg d.w.]	9520		9450		10800		13700		8380	
<b>ETEQ (ND=0.5 LoD)</b>	<b>108</b>		<b>98.5</b>		<b>146</b>		<b>165</b>		<b>139</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140510		140511		140512		140513		140514	
<b>Sample Description</b>	Primary Sample 3115 Beech St	Flag	Primary Sample 3204 Beech St	Flag	Primary Sample 3208 Beech St	Flag	Primary Sample 2118 Carolina St - 6" Sample	Flag	Primary Sample 1309 Maryland St - 6" Sample	Flag
<b>Sample Date</b>	10/16/2013		10/16/2013		10/16/2013		10/16/2013		10/22/2013	
<b>wet weight [g]</b>	25.5		26		26.5		25.6		25.6	
moisture [%]	16.9%		14.7%		14.4%		16.7%		15.8%	
2378-TCDF [ng/kg d.w.]	8.10	J	16.2	J,Y	8.84	J,Y	24.9		40.6	
2378-TCDD [ng/kg d.w.]	18.0	J	29.2		15.4	J	62.5		67.6	
23478-PeCDF [ng/kg d.w.]	12.3	J	20.2	J	11.9	J	47.6		34.9	J
12378-PeCDD [ng/kg d.w.]	17.9	J	23.9	J	12.8	J	35.0		42.1	
1234(6)78-HxCDF [ng/kg d.w.]	23.8	J	36.3	J	22.6	J	57.4		81.2	
1234(6)78-HxCDD [ng/kg d.w.]	38.8	J	52.9	J	33.4	J	75.7		116	
123789-HxCDD [ng/kg d.w.]	20.5	J	29.0	J	17.2	J	38.4		58.1	
1234678-HpCDF [ng/kg d.w.]	282		417		249		493		998	
1234678-HpCDD [ng/kg d.w.]	480		656		360		956		1370	
OCDF [ng/kg d.w.]	496		678		391		1040		1720	
OCDD [ng/kg d.w.]	4720		6020		4230		10400		14800	
<b>ETEQ (ND=0.5 LoD)</b>	<b>60.8</b>		<b>89.6</b>		<b>49.8</b>		<b>156</b>		<b>187</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140515		140516		140517		140518		140519	
<b>Sample Description</b>	Primary Sample 1309 Maryland St - 12" Sample	Flag	Primary Sample 1310 Maryland St	Flag	Primary Sample 1418 Maryland St	Flag	Primary Sample 1421 Maryland St - DU A	Flag	Primary Sample 1421 Maryland St - DU B	Flag
<b>Sample Date</b>	10/22/2013		10/22/2013		10/22/2013		10/22/2013		10/22/2013	
<b>wet weight [g]</b>	27.1		26.1		24.9		26		26.4	
moisture [%]	11.3%		13.6%		18.9%		14.1%		14.2%	
2378-TCDF [ng/kg d.w.]	29.7		31.2		23.5		28.8		40.7	
2378-TCDD [ng/kg d.w.]	43.1		41.9		82.7		107		60.9	
23478-PeCDF [ng/kg d.w.]	27.8		28.4		28.0	J	30.8	J	36.8	
12378-PeCDD [ng/kg d.w.]	25.6		29.3		47.1		41.3		45.1	
1234(6)78-HxCDF [ng/kg d.w.]	54.3		49.3	J	53.4	J	61.7	J	69.3	
1234(6)78-HxCDD [ng/kg d.w.]	57.6		60.4		75.7		73.2		82.7	
123789-HxCDD [ng/kg d.w.]	28.7		32.6		36.7		35.6		42.4	
1234678-HpCDF [ng/kg d.w.]	671		418		542		511		640	
1234678-HpCDD [ng/kg d.w.]	797		702		1020		823		904	
OCDF [ng/kg d.w.]	1320		803		1270		845		1050	
OCDD [ng/kg d.w.]	9500		7240		11300		8640		9900	
<b>ETEQ (ND=0.5 LoD)</b>	<b>118</b>		<b>117</b>		<b>185</b>		<b>203</b>		<b>167</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140520		140521		140522		140523		140524	
Sample Description	Primary Sample 1421 Maryland St - DU C	Flag	Primary Sample 1421 Maryland St - DU D	Flag	Primary Sample 1421 Maryland St - DU E	Flag	Primary Sample 1501 Maryland St	Flag	Primary Sample 1510 Maryland St	Flag
Sample Date	10/22/2013		10/22/2013		10/22/2013		10/22/2013		10/22/2013	
wet weight [g]	26.3		26.3		26.6		24.7		26.2	
moisture [%]	13.9%		14.3%		13.3%		18.4%		15.1%	
2378-TCDF [ng/kg d.w.]	41.5		41.7		5.34	J,Y	30.3		41.3	
2378-TCDD [ng/kg d.w.]	61.0		61.9		5.12	J,Y	78.0		102	
23478-PeCDF [ng/kg d.w.]	39.5		37.4		4.52	J,Y	31.9		42.1	
12378-PeCDD [ng/kg d.w.]	45.4		44.4		3.12	J,Y	47.2		58.5	
1234(6)78-HxCDF [ng/kg d.w.]	73.8		68.4		7.86	J	57.8		81.4	
1234(6)78-HxCDD [ng/kg d.w.]	97.5		80.0		6.85	J,Y	80.2		107	
123789-HxCDD [ng/kg d.w.]	43.9		41.9		3.99	J	38.8		53.7	
1234678-HpCDF [ng/kg d.w.]	774		534		45.9		506		690	
1234678-HpCDD [ng/kg d.w.]	1560		1100		66.7		944		1110	
OCDF [ng/kg d.w.]	2030		973		73.1		1010		1290	
OCDD [ng/kg d.w.]	14300		13300		714		10400		12600	
<b>ETEQ (ND=0.5 LoD)</b>	<b>181</b>		<b>169</b>		<b>14.1</b>		<b>182</b>		<b>235</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140525		140526		140527		140528		140529	
Sample Description	Primary Sample 1518 Maryland St	Flag	Primary Sample 1602 Maryland St - 6" Sample	Flag	Primary Sample 1602 Maryland St - 12" Sample	Flag	Primary Sample 1610 Maryland St	Flag	Primary Sample 324 Longview St	Flag
Sample Date	10/22/2013		10/22/2013		10/22/2013		10/22/2013		10/22/2013	
wet weight [g]	25.9		24.9		25.9		26.1		25.2	
moisture [%]	16.2%		17.8%		14.6%		15.7%		17.3%	
2378-TCDF [ng/kg d.w.]	46.9		33.1		33.5		37.3		17.7	J
2378-TCDD [ng/kg d.w.]	82.4		77.7		48.9		99.5		40.8	
23478-PeCDF [ng/kg d.w.]	55.7		36.9		32.0		33.9		19.9	J
12378-PeCDD [ng/kg d.w.]	50.4		46.3		32.8		49.5		26.3	J
1234(6)78-HxCDF [ng/kg d.w.]	81.3		81.1		51.5	J	62.7		40.6	J
1234(6)78-HxCDD [ng/kg d.w.]	83.6		72.1		56.9	J	73.9		68.9	J
123789-HxCDD [ng/kg d.w.]	41.1		35.1		26.3	J	38.4		36.3	J
1234678-HpCDF [ng/kg d.w.]	600		476		356		499		499	
1234678-HpCDD [ng/kg d.w.]	975		848		597		873		1320	
OCDF [ng/kg d.w.]	1040		908		688		975		1060	
OCDD [ng/kg d.w.]	11000		9460		5780		9850		12500	
<b>ETEQ (ND=0.5 LoD)</b>	<b>204</b>		<b>183</b>		<b>126</b>		<b>207</b>		<b>118</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140530		140531		140532		140533		140534	
Sample Description	Primary Sample 325 Longview St	Flag	Primary Sample 333 Longview St	Flag	Primary Sample 413 Longview St	Flag	Primary Sample 420 Longview St	Flag	Primary Sample 1505 Ohio St	Flag
Sample Date	10/22/2013		10/22/2013		10/22/2013		10/22/2013		10/23/2013	
wet weight [g]	25.4		25.3		25.4		26.5		25.8	
moisture [%]	17.9%		17.2%		15.5%		17.5%		15.5%	
2378-TCDF [ng/kg d.w.]	29.4	J,Y	19.7		16.3		543		67.3	
2378-TCDD [ng/kg d.w.]	46.7		44.4		26.2		30.2	Y	61.0	
23478-PeCDF [ng/kg d.w.]	30.4	J	24.4	J	20.1	J	133		62.2	
12378-PeCDD [ng/kg d.w.]	32.4	J,Y	33.4		25.9		29.8	Y	39.9	
1234(6)78-HxCDF [ng/kg d.w.]	57.4	J	48.1	J	46.7	J	86.5		89.9	
1234(6)78-HxCDD [ng/kg d.w.]	86.9	J	80.7		109		68.4		75.1	
123789-HxCDD [ng/kg d.w.]	50.1	J	43.7		59.1		34.9		37.0	
1234678-HpCDF [ng/kg d.w.]	705		638		732		628		515	
1234678-HpCDD [ng/kg d.w.]	1140		1050		2050		826		814	
OCDF [ng/kg d.w.]	1270		1160		1580		946		909	
OCDD [ng/kg d.w.]	11400		10300		17600		7690		8390	
<b>ETEQ (ND=0.5 LoD)</b>	<b>140</b>		<b>131</b>		<b>121</b>		<b>200</b>		<b>171</b>	

**Table 4-1**  
**2014 Final Phase I Analytical Results**  
**Method 8280 – Site-Specific Fast Analysis**

Lab ID	140535		140536	
<b>Sample Description</b>	Primary Sample - 310 Sam St	Flag	Primary Sample - 410 E Nelson St DU K	Flag
<b>Sample Date</b>	11/22/2013		10/29/2013	
<b>wet weight [g]</b>	23.5		24.8	
moisture [%]	21.8%		18.2%	
2378-TCDF [ng/kg d.w.]	28.7		14.2	J
2378-TCDD [ng/kg d.w.]	50.3		26.6	
23478-PeCDF [ng/kg d.w.]	38.9	J	13.8	J,Y
12378-PeCDD [ng/kg d.w.]	37.9	J	18.8	J
1234(6)78-HxCDF [ng/kg d.w.]	71.2	J	24.5	J
1234(6)78-HxCDD [ng/kg d.w.]	92.4	J	44.4	J
123789-HxCDD [ng/kg d.w.]	44.9	J	21.7	J
1234678-HpCDF [ng/kg d.w.]	898		199	
1234678-HpCDD [ng/kg d.w.]	1110		475	
OCDF [ng/kg d.w.]	1350		326	
OCDD [ng/kg d.w.]	10900		3960	
<b>ETEQ (ND=0.5 LoD)</b>	<b>154</b>		<b>71.4</b>	

ETEQ - Estimated Toxicity Equivalence Quotient; calculated using .05 the detection limit for non-detects.

J - Reported value is below the lower calibration limit.

Y - Isotope ion ratio is below or above the method range (15%). Reported value is the lowest concentration of the two ions.

**Table 4-2**  
**2014 Final Phase I Analytical Results**  
**EPA Method 1613b – Property-Specific Confirmation**

Lab ID	Sample #2 (140282)		Sample #3 (140283)		Sample #4 (140284)		Sample #5 (140285)		Sample #6 (140286)		Sample #7 (140287)	
<b>Sample Description</b>	Prim 1106 Rodd St	Flag	Dup 1106 Rodd St	Flag	Trip 1106 Rodd St	Flag	Prim 328 Longview St	Flag	Dup 328 Longview St	Flag	Trip 328 Longview St	Flag
<b>Sample Date</b>	Between 10/30/2013 and 11/13/2013											
<b>Sample Weight [g]</b>	3.05		3.58		3.62		3.31		3.27		3.41	
2378-TCDD [ppt]	84.5		76.3		86.5		51.7		47.7		45.5	
12378-PCDD [ppt]	36.6		36.5		35.5		32.7		29.7		29.2	
123478-HCDD [ppt]	29.1		26.7		27.2		28.3		24.4		24.4	
123678-HCDD [ppt]	68.1		62.9		70.8		61.8		58.2		61.5	
123789-HCDD [ppt]	47.1		44.0		41.7		42.4		38.6		44.4	
1234678-H7CDD [ppt]	1150		1050		1010		1110		1040		1110	
OCDD [ppt]	8900		9080		9030		10300		10200		10400	
2378-TCDF [ppt]	170	C	109	C	301	C	283	C	276	C	414	C
12378-PCDF [ppt]	85.7		60.0		130		143		146		201	
23478-PCDF [ppt]	63.9	C	46.2	C	101	C	111	C	110	C	166	C
123478-HCDF [ppt]	80.4		62.5		103		119		124		166	
123678-HCDF [ppt]	30.7		28.6		36.8		36.0		37.8		47.1	
234678-HCDF [ppt]	24.0	C	21.0	C	25.1	C	24.6	C	23.3	C	27.3	C
123789-HCDF [ppt]	4.30	E,C	4.20	C	5.18	C	6.73	C	5.34	C	6.76	C
1234678-H7CDF [ppt]	451		432		493		802		796		821	
1234789-H7CDF [ppt]	28.9		24.0		27.1		31.8		31.3		39.0	
OCDF [ppt]	804		734		801		1340		1250		1880	
<b>WHO-TEQ (LoD=0.5)</b>	<b>207</b>		<b>182</b>		<b>236</b>		<b>205</b>		<b>196</b>		<b>233</b>	

**Table 4-2**  
**2014 Final Phase I Analytical Results**  
**EPA Method 1613b – Property-Specific Confirmation**

Lab ID	Sample #8 (140288)		Sample #9 (140289)		Sample #10 (140290)		Sample #11 (140291)		Sample #12 (140292)		Sample #13 (140293)	
<b>Sample Description</b>	Prim 1209 E Haley St	Flag	Dup 1209 E Haley St	Flag	Trip 1209 E Haley St	Flag	Prim 2109 Swede Ave - DU A	Flag	Dup 2109 Swede Ave - DU A	Flag	Trip 2109 Swede Ave - DU A	Flag
<b>Sample Date</b>	Between 10/30/2013 and 11/13/2013											
<b>Sample Weight [g]</b>	3.16		3.28		3.1		3.05		3.17		2.98	
2378-TCDD [ppt]	76.5		82.1		92.0		133		107		140	
12378-PCDD [ppt]	41.7		38.4		39.4		50.6	E	50.5		52.7	
123478-HCDD [ppt]	26.5	E	26.2		28.4		26.8		22.3		22.8	
123678-HCDD [ppt]	66.1		62.9		68.1		73.3		61.4		72.6	
123789-HCDD [ppt]	44.3		39.6		44.2		47.7		41.6		45.6	
1234678-H7CDD [ppt]	1150		1140		1210		1350		1160		1270	
OCDD [ppt]	10300		10600		11400		13200		12400		13000	
2378-TCDF [ppt]	96.2		126		62.1		20.6		16.7		12.0	E
12378-PCDF [ppt]	60.3		74.2		39.6		17.6		13.4		13.6	
23478-PCDF [ppt]	67.5	N	80.4	N	50.5	N	30.9	N	23.1	N	24.9	N
123478-HCDF [ppt]	71.5		87.7		59.1		45.6		36.9		42.0	
123678-HCDF [ppt]	28.5		31.6		27.9		22.4		20.2		21.3	
234678-HCDF [ppt]	35.6	N	36.8	N	32.3	N	30.6	N	25.6	N	25.5	N
123789-HCDF [ppt]	2.49		2.30	E	1.53		1.67		< 0.910		1.07	E
1234678-H7CDF [ppt]	571		592		626		547		503		550	
1234789-H7CDF [ppt]	33.6		30.2		33.7		35.6		29.6		30.7	
OCDF [ppt]	1120		1220		1320		1420		1160		1290	
<b>WHO-TEQ (LoD=0.5)</b>	<b>198</b>		<b>209</b>		<b>203</b>		<b>244</b>		<b>208</b>		<b>248</b>	

**Table 4-2**  
**2014 Final Phase I Analytical Results**  
**EPA Method 1613b – Property-Specific Confirmation**

Lab ID	Sample #14 (140294)		Sample #15 (140295)		Sample #16 (140296)		Sample #2 (140358)		Sample #3 (140359)		Sample #4 (140360)	
Sample Description	Prim 1410 Ohio St	Flag	Dup 1410 Ohio St	Flag	Trip 1410 Ohio St	Flag	Prim 1205 E Haley St	Flag	Dup 1205 E Haley St	Flag	Trip 1205 E Haley St	Flag
Sample Date	Between 10/30/2013 and 11/13/2013		Between 10/30/2013 and 11/13/2013		Between 10/30/2013 and 11/13/2013		Between 11/12/2013 and 12/04/2013		Between 11/12/2013 and 12/04/2013		Between 11/12/2013 and 12/04/2013	
Sample Weight [g]	3.1		3.07		3.06		3.02		3.03		2.98	
2378-TCDD [ppt]	74.5		73.7		70.9		114		125		118	
12378-PCDD [ppt]	39.7		35.7		41.7		48.9		52.7		50.8	
123478-HCDD [ppt]	25.5		23.8		25.6		32.1		37.5		34.0	
123678-HCDD [ppt]	61.7		61.5		74.6		76.7		96.9		78.7	
123789-HCDD [ppt]	40.8		39.4		41.1		54.6		55.1		57.5	
1234678-H7CDD [ppt]	1030		1000		1450		1400		2020		1670	
OCDD [ppt]	9470		9750		13300		12300		17300		15400	
2378-TCDF [ppt]	209		207		202		20.2	C	17.9	C	16.9	C
12378-PCDF [ppt]	119		106		108		16.9		15.2		14.3	
23478-PCDF [ppt]	113	N	105	N	112	N	20.0	C	21.6	C	19.0	C
123478-HCDF [ppt]	108		102		111		47.2		54.1		47.6	
123678-HCDF [ppt]	36.9		32.9		35.7		24.2		26.2		25.1	
234678-HCDF [ppt]	33.9	N	35.7	N	32.0	E, N	20.8	C	23.3	C	21.3	C
123789-HCDF [ppt]	1.85	E	3.54		2.35	E	3.53	E,C	4.55	E,C	3.73	E,C
1234678-H7CDF [ppt]	532		524		746		666		735		716	
1234789-H7CDF [ppt]	31.8		30.4		45.2		41.8		46.0	E	36.7	
OCDF [ppt]	1140		1010		2320		1550		1840		1490	
<b>WHO-TEQ (LoD=0.5)</b>	<b>223</b>		<b>213</b>		<b>229</b>		<b>223</b>		<b>250</b>		<b>233</b>	

**Table 4-2**  
**2014 Final Phase I Analytical Results**  
**EPA Method 1613b – Property-Specific Confirmation**

Lab ID	Sample #5 (140361)		Sample #6 (140362)		Sample #7 (140363)		Sample #8 (140364)		Sample #9 (140365)		Sample #10 (140366)	
<b>Sample Description</b>	Prim 1318 E Haley St	Flag	Dup 1318 E Haley St	Flag	Trip 1318 E Haley St	Flag	Prim 2202 Kentucky St	Flag	Dup 2202 Kentucky St	Flag	Trip 2202 Kentucky St	Flag
<b>Sample Date</b>	Between 11/12/2013 and 12/04/2013											
<b>Sample Weight [g]</b>	3.27		3.21		3.26		3.12		3.05		3.07	
2378-TCDD [ppt]	99.2		107		114		88.2		82.9		86.5	
12378-PCDD [ppt]	51.4		57.2		61.7		47.2		46.6		43.0	
123478-HCDD [ppt]	29.8		32.6		31.4		29.3		27.6		27.2	
123678-HCDD [ppt]	80.0		79.4		81.0		81.3		80.6		76.7	
123789-HCDD [ppt]	53.4		53.7		54.7		53.0		52.1		50.5	
1234678-H7CDD [ppt]	1420		1460		1400		1500		1550		1410	
OCDD [ppt]	13600		14300		13800		16200		17800		18400	
2378-TCDF [ppt]	26.0	C	26.5	C	30.1	C	26.4		27.1		23.5	E
12378-PCDF [ppt]	19.2	E	23.3		22.5		22.7		21.7		20.3	E
23478-PCDF [ppt]	25.2	C	25.9	C	28.1	C	32.9	N	34.2	N	36.5	N
123478-HCDF [ppt]	57.5		56.1		63.4		53.0		56.5		57.6	
123678-HCDF [ppt]	30.3		33.0		32.9		25.9		26.9		27.0	
234678-HCDF [ppt]	27.4	C	28.6	C	28.0	C	34.9	N	34.9	N	34.8	N
123789-HCDF [ppt]	5.00	C	4.78	C	3.34	E,C	1.48		1.36	E	1.13	E
1234678-H7CDF [ppt]	702		741		733		1140		1170		1130	
1234789-H7CDF [ppt]	37.9		38.2		40.4		38.3		37.8		39.6	
OCDF [ppt]	1450		1460		1360		2040		1890		1870	
<b>WHO-TEQ (LoD=0.5)</b>	<b>216</b>		<b>231</b>		<b>244</b>		<b>209</b>		<b>205</b>		<b>203</b>	

**Table 4-2**  
**2014 Final Phase I Analytical Results**  
**EPA Method 1613b – Property-Specific Confirmation**

Lab ID	Sample #11 (140367)		Sample #12 (140368)		Sample #13 (140369)		Sample #14 (140370)		Sample #15 (140371)		Sample #16 (140372)	
<b>Sample Description</b>	Prim 2306 Jefferson Ave	Flag	Dup 2306 Jefferson Ave	Flag	Trip 2306 Jefferson Ave	Flag	Prim 3128 Bay City Rd - DU B	Flag	Dup 3128 Bay City Rd - DU B	Flag	Trip 3128 Bay City Rd - DU B	Flag
<b>Sample Date</b>	Between 11/12/2013 and 12/04/2013											
<b>Sample Weight [g]</b>	3.2		2.98		2.96		3.13		3.14		3.21	
2378-TCDD [ppt]	98.8		96.0		99.3		41.4		38.6		37.8	
12378-PCDD [ppt]	47.0		44.8		44.7		28.7		30.3		31.9	
123478-HCDD [ppt]	33.3		30.8		32.0		21.9		23.1		24.1	
123678-HCDD [ppt]	85.1		75.5		80.8		61.8		60.6		64.9	
123789-HCDD [ppt]	51.4		49.5		52.5		41.4		41.8		45.1	
1234678-H7CDD [ppt]	1260		1200		1270		1020		921		980	
OCDD [ppt]	10700		9870		12100		10500		8620		9150	
2378-TCDF [ppt]	47.8		50.2		52.2		336		17.9	E	14.0	E
12378-PCDF [ppt]	38.7		36.6		38.6		163		14.9		13.7	
23478-PCDF [ppt]	49.1	N	46.8	N	47.8	N	159	N	23.7	N	24.3	N
123478-HCDF [ppt]	68.7		63.2		67.2		141		38.7		38.4	
123678-HCDF [ppt]	30.8		30.0		32.3		40.2		19.4		19.4	
234678-HCDF [ppt]	34.8	N	38.7	N	40.2	N	38.5	N	25.6	N	26.2	N
123789-HCDF [ppt]	2.45		1.70	E	1.40		3.24		1.52	E	1.57	
1234678-H7CDF [ppt]	624		629		621		841		814		838	
1234789-H7CDF [ppt]	34.6		32.1		33.7		30.9		25.9		26.0	
OCDF [ppt]	1060		1060		1050		1230		1140		1170	
<b>WHO-TEQ (LoD=0.5)</b>	<b>220</b>		<b>212</b>		<b>219</b>		<b>214</b>		<b>120</b>		<b>122</b>	

**Table 4-2**  
**2014 Final Phase I Analytical Results**  
**EPA Method 1613b – Property-Specific Confirmation**

Lab ID	Sample #2 (140409)		Sample #3 (140410)		Sample #4 (140411)		Sample #5 (140412)		Sample #6 (140413)		Sample #7 (140414)	
<b>Sample Description</b>	Prim 2113 Tennessee St	Flag	Dup 2113 Tennessee St	Flag	Trip 2113 Tennessee St	Flag	Prim 1406 E Haley St	Flag	Dup 1406 E Haley St	Flag	Trip 1406 E Haley St	Flag
<b>Sample Date</b>	Between 11/05/2013 and 11/20/2013											
<b>Sample Weight [g]</b>	2.93		2.95		3.09		3.12		3.11		3.13	
2378-TCDD [ppt]	114		127		93.5		106		107		111	
12378-PCDD [ppt]	49.6		57.6		45.8		53.3		58.2		58.2	
123478-HCDD [ppt]	25.2		29.0		20.8	E	27.8	E	31.0		29.1	
123678-HCDD [ppt]	70.7		72.2		55.7		76.0		76.8		82.1	
123789-HCDD [ppt]	44.6		50.1		40.8		47.2		50.7		53.2	
1234678-H7CDD [ppt]	1400		1390		1160		1440		1390		1380	
OCDD [ppt]	13000		13900		10400		13100		14500		14100	
2378-TCDF [ppt]	19.5	C	21.8	C	17.2	C	62.2	C	41.4	C	64.7	C
12378-PCDF [ppt]	16.3		18.7		14.6		36.6		31.7		44.2	
23478-PCDF [ppt]	18.1	B,C	21.8	B,C	16.6	B,C	38.7	C	32.2	C	40.8	C
123478-HCDF [ppt]	39.8		45.8		38.7		63.8		63.4		73.6	
123678-HCDF [ppt]	24.4		26.6		21.0		30.3		31.0		31.5	
234678-HCDF [ppt]	22.3	B,C	22.9	B,C	18.4	B,C	24.3	B,C	24.0	B,C	24.2	B,C
123789-HCDF [ppt]	4.16	C	4.44	E,C	2.66	E,C	3.25	E,C	3.82	E,C	4.76	C
1234678-H7CDF [ppt]	605		694		601		740		710		736	
1234789-H7CDF [ppt]	37.4		38.0		33.9		43.8		42.4		39.5	
OCDF [ppt]	1170		1340		970		1450		1320		1370	
<b>WHO-TEQ (LoD=0.5)</b>	<b>219</b>		<b>245</b>		<b>188</b>		<b>232</b>		<b>234</b>		<b>245</b>	

**Table 4-2**  
**2014 Final Phase I Analytical Results**  
**EPA Method 1613b – Property-Specific Confirmation**

Lab ID	Sample #8 (140415)		Sample #9 (140416)		Sample #10 (140417)		Sample #11 (140418)		Sample #12 (140419)		Sample #13 (140420)	
Sample Description	Prim 2205 Tennessee St	Flag	Dup 2205 Tennessee St	Flag	Trip 2205 Tennessee St	Flag	Prim 1617 Maryland St	Flag	Dup 1617 Maryland St	Flag	Trip 1617 Maryland St	Flag
Sample Date	Between 11/05/2013 and 11/20/2013											
Sample Weight [g]	3.1		2.96		3.05		3.16		3.33		3.26	
2378-TCDD [ppt]	101		82.0		107		96.8		99.7		154	
12378-PCDD [ppt]	59.5		50.4		54.5		55.5		56.8		55.8	
123478-HCDD [ppt]	29.9		25.1		25.3		25.4		27.1		27.1	
123678-HCDD [ppt]	69.0		66.8		71.5		77.7		74.1		61.5	
123789-HCDD [ppt]	47.5		44.1		47.2		47.2		50.2		42.1	
1234678-H7CDD [ppt]	1400		1280		1330		1220		1350		1120	
OCDD [ppt]	13300		11400		13700		12500		13100		10900	
2378-TCDF [ppt]	16.9		17.2		15.5		21.2		33.6		24.3	
12378-PCDF [ppt]	14.0		12.6		11.3	E	19.6		22.8		19.4	
23478-PCDF [ppt]	26.5	N	24.0	N	25.9	N	29.4	N	33.4	N	27.9	N
123478-HCDF [ppt]	39.7		35.9		38.2		44.8		49.8		44.0	
123678-HCDF [ppt]	21.2		18.8		20.8		22.4		24.1		22.2	
234678-HCDF [ppt]	27.4	N	24.9	N	28.3	N	28.6	N	28.7	N	28.3	N
123789-HCDF [ppt]	1.48	E	1.14	E	1.80		< 0.918		1.83		< 0.912	
1234678-H7CDF [ppt]	532		524		505		613		610		560	
1234789-H7CDF [ppt]	33.4		30.2		31.3		30.6		33.9		28.6	
OCDF [ppt]	1090		1050		1200		1200		1190		1010	
<b>WHO-TEQ (LoD=0.5)</b>	<b>218</b>		<b>185</b>		<b>218</b>		<b>211</b>		<b>220</b>		<b>264</b>	

**Table 4-2**  
**2014 Final Phase I Analytical Results**  
**EPA Method 1613b – Property-Specific Confirmation**

Lab ID	Sample #14 (140421)		Sample #15 (140422)		Sample #16 (140423)		Sample #2 (140545)		Sample #3 (140546)		Sample #4 (140547)	
Sample Description	Prim 1129 E Haley St	Flag	Dup 1129 E Haley St	Flag	Trip 1129 E Haley St	Flag	Prim 1125 E Haley St	Flag	Dup 1125 E Haley St	Flag	Trip 1125 E Haley St	Flag
Sample Date	Between 11/05/2013 and 11/20/2013		Between 11/05/2013 and 11/20/2013		Between 11/05/2013 and 11/20/2013		Between 10/17/2013 and 10/29/2013		Between 10/17/2013 and 10/29/2013		Between 10/17/2013 and 10/29/2013	
Sample Weight [g]	3.12		3.21		3.15		3.26		3.25		3.19	
2378-TCDD [ppt]	63.8		52.6		45.6		80.3		90.2		91.6	
12378-PCDD [ppt]	33.3		28.2		26.8		40.2		35.7		37.6	
123478-HCDD [ppt]	23.8	E	21.9		18.8	E	26.5		28.3		25.1	
123678-HCDD [ppt]	73.5		56.5		48.4		74.7		82.6		66.6	
123789-HCDD [ppt]	46.1		35.2		33.0		47.2		51.8		47.9	
1234678-H7CDD [ppt]	1570		1040		1130		1330		1340		1360	
OCDD [ppt]	11300		9130		9250		12100		12000		12300	
2378-TCDF [ppt]	136		123		240		152		400		218	
12378-PCDF [ppt]	62.6		76.9		106		79.1		134		107	
23478-PCDF [ppt]	73.8	N	73.6	N	112	N	85.3	N	169	N	108	N
123478-HCDF [ppt]	79.1		80.1		84.8		77.0		112		102	
123678-HCDF [ppt]	25.8		25.8		26.8		30.7		35.1		32.6	
234678-HCDF [ppt]	33.2	N	28.1	N	30.6	N	36.3	N	42.8	N	34.9	N
123789-HCDF [ppt]	< 1.54		2.09	E	< 1.48		1.44		1.36		1.41	E
1234678-H7CDF [ppt]	517		441		439		617		546		544	
1234789-H7CDF [ppt]	38.4	E	31.0		32.4	E	41.1		32.1		31.3	
OCDF [ppt]	1480		944		989		1660		1260		1300	
<b>WHO-TEQ (LoD=0.5)</b>	<b>188</b>		<b>161</b>		<b>177</b>		<b>217</b>		<b>279</b>		<b>241</b>	

**Table 4-2**  
**2014 Final Phase I Analytical Results**  
**EPA Method 1613b – Property-Specific Confirmation**

Lab ID	Sample #5 (140548)		Sample #6 (140549)		Sample #7 (140550)		Sample #8 (140551)		Sample #9 (140552)		Sample #10 (140553)	
<b>Sample Description</b>	Prim 1407 E Haley St	Flag	Dup 1407 E Haley St	Flag	Trip 1407 E Haley St	Flag	Prim 2101 Tennessee St	Flag	Dup 2101 Tennessee St	Flag	Trip 2101 Tennessee St	Flag
<b>Sample Date</b>	Between 10/17/2013 and 10/29/2013											
<b>Sample Weight [g]</b>	3.28		3.3		3.26		3.02		3.15		3.05	
2378-TCDD [ppt]	94.9		94.9		91.1		114		118		127	
12378-PCDD [ppt]	54.3		51.6		56.0		56.4		61.8		59.3	
123478-HCDD [ppt]	26.5		27.1		24.0	E	25.6		27.6		30.8	
123678-HCDD [ppt]	69.0		71.8		77.6		64.2		68.2		71.7	
123789-HCDD [ppt]	48.4		51.8		47.8		43.1		42.8		48.4	
1234678-H7CDD [ppt]	1200		1230		1290		1220		1260		1370	
OCDD [ppt]	12700		12400		12900		13100		12500		13700	
2378-TCDF [ppt]	29.3		29.6		31.6		11.7		14.2		11.1	E
12378-PCDF [ppt]	22.0		21.5		22.0		10.7		10.7		12.9	
23478-PCDF [ppt]	37.1	N	36.5	N	38.2	N	23.4	N	23.8	N	23.0	N
123478-HCDF [ppt]	50.2		51.6		52.8		34.9		38.0		42.6	
123678-HCDF [ppt]	25.1		26.2		25.5		20.1		18.2		23.5	
234678-HCDF [ppt]	32.6	N	34.5	N	36.3	N	27.4	N	28.0	N	29.6	N
123789-HCDF [ppt]	2.88		1.81		1.74	E	2.32		1.83		1.86	E
1234678-H7CDF [ppt]	679		647		776		543		546		588	
1234789-H7CDF [ppt]	33.4		28.3	E	31.5		30.3		34.2		37.0	
OCDF [ppt]	1250		1190		1280		1270		1190		1270	
<b>WHO-TEQ (LoD=0.5)</b>	<b>213</b>		<b>211</b>		<b>214</b>		<b>223</b>		<b>234</b>		<b>244</b>	

**Table 4-2**  
**2014 Final Phase I Analytical Results**  
**EPA Method 1613b – Property-Specific Confirmation**

Lab ID	Sample #11 (140554)		Sample #12 (140555)		Sample #13 (140556)		Sample #14 (140557)		Sample #15 (140558)		Sample #16 (140559)	
<b>Sample Description</b>	Prim 410 E Nelson St - DU O	Flag	Dup 410 E Nelson St - DU O	Flag	Trip 410 E Nelson St - DU O	Flag	Prim 1306 Ohio St	Flag	Dup 1306 Ohio St	Flag	Trip 1306 Ohio St	Flag
<b>Sample Date</b>	Between 10/17/2013 and 10/29/2013											
<b>Sample Weight [g]</b>	3.2		3.18		3.1		3.16		3.18		3.17	
2378-TCDD [ppt]	53.0		36.9		39.4		106		110		112	
12378-PCDD [ppt]	17.8		20.8		18.7		40.7		39.4		41.1	
123478-HCDD [ppt]	13.0		11.4	E	15.8		23.5		26.6		26.8	
123678-HCDD [ppt]	30.4		33.7		33.8		70.4		79.3		70.6	
123789-HCDD [ppt]	21.7		21.9		23.1		46.7		51.4		45.0	E
1234678-H7CDD [ppt]	475		474		488		1350		1530		1320	
OCDD [ppt]	4150		3730		3970		12400		13900		13200	
2378-TCDF [ppt]	574		718		1190		24.3		29.9		23.8	
12378-PCDF [ppt]	260		372		489		18.3		16.9		24.7	
23478-PCDF [ppt]	245	N	330	N	460	N	32.1	N	33.8	N	34.3	N
123478-HCDF [ppt]	188		252		327		44.8		44.2		55.9	
123678-HCDF [ppt]	45.7		60.8		76.5		23.4		24.2		29.5	
234678-HCDF [ppt]	35.4	N	43.4	N	54.0	N	30.4	N	32.3	N	32.8	N
123789-HCDF [ppt]	2.62		3.40	E	7.33		< 1.32		1.44	E	< 1.24	
1234678-H7CDF [ppt]	395		297		329		556		539		555	
1234789-H7CDF [ppt]	22.2		22.0	E	28.5		32.9		31.2		38.5	
OCDF [ppt]	457		376		433		1260		1190		1320	
<b>WHO-TEQ (LoD=0.5)</b>	<b>253</b>		<b>292</b>		<b>393</b>		<b>207</b>		<b>214</b>		<b>216</b>	

**Table 4-2**  
**2014 Final Phase I Analytical Results**  
**EPA Method 1613b – Property-Specific Confirmation**

Lab ID	Sample #2 (140587)		Sample #3 (140588)		Sample #4 (140589)		Sample #5 (140590)		Sample #6 (140591)		Sample #7 (140592)	
<b>Sample Description</b>	Prim 2213 Carolina St	Flag	Dup 2213 Carolina St	Flag	Trip 2213 Carolina St	Flag	Prim 1414 Ohio St	Flag	Dup 1414 Ohio St	Flag	Trip 1414 Ohio St	Flag
<b>Sample Date</b>	Between 10/22/2013 and 11/13/2013											
<b>Sample Weight [g]</b>	3.13		3.1		3.09		3.02		3.03		3	
2378-TCDD [ppt]	47.7		49.2		51.1		125		89.4		116	
12378-PCDD [ppt]	24.1		22.8	E	26.0		57.8		49.9		55.3	
123478-HCDD [ppt]	18.8		15.1		17.4		32.1		29.5		31.2	
123678-HCDD [ppt]	41.1		39.8		45.3		80.6		84.2		87.0	
123789-HCDD [ppt]	25.2		26.3		26.5		53.4		51.3		54.2	
1234678-H7CDD [ppt]	736		656		711		1680		1660		1830	
OCDD [ppt]	6960		6190		6330		16100		16000		16600	
2378-TCDF [ppt]	891		526		381		129		72.4		116	
12378-PCDF [ppt]	420		231		195		79.7		46.0		65.6	
23478-PCDF [ppt]	413	N	218	N	169	N	86.9	N	53.0	N	74.2	N
123478-HCDF [ppt]	274		169		140		94.9		63.4		77.8	
123678-HCDF [ppt]	66.1		43.6		33.9		35.1		25.5	E	33.8	
234678-HCDF [ppt]	50.8	N	35.2	N	33.2	N	42.2	N	30.1	N	36.0	N
123789-HCDF [ppt]	5.71		2.93		1.51	E	1.75	E	2.66	E	2.70	
1234678-H7CDF [ppt]	394		364		364		688		654		664	
1234789-H7CDF [ppt]	29.2		24.8		22.3		45.2		38.4		38.4	
OCDF [ppt]	755		749		764		1640		1530		1440	
<b>WHO-TEQ (LoD=0.5)</b>	<b>360</b>		<b>243</b>		<b>215</b>		<b>288</b>		<b>221</b>		<b>270</b>	

**Table 4-2**  
**2014 Final Phase I Analytical Results**  
**EPA Method 1613b – Property-Specific Confirmation**

Lab ID	Sample #8 (140593)		Sample #9 (140594)		Sample #10 (140595)		Sample #11 (140596)		Sample #12 (140597)		Sample #13 (140598)	
<b>Sample Description</b>	Prim 2215 Virginia St	Flag	Dup 2215 Virginia St	Flag	Trip 2215 Virginia St	Flag	Prim 1510 Maryland St	Flag	Dup 1510 Maryland St	Flag	Trip 1510 Maryland St	Flag
<b>Sample Date</b>	Between 10/22/2013 and 11/13/2013											
<b>Sample Weight [g]</b>	3.12		3.16		3.15		3.27		3.19		3.17	
2378-TCDD [ppt]	94.1		112		104		110		99.6		108	
12378-PCDD [ppt]	47.9		44.6		43.5		56.3		50.2		52.3	
123478-HCDD [ppt]	31.6		29.7		28.4		32.5		25.4		29.1	
123678-HCDD [ppt]	77.6		76.3		73.3		84.1		68.4		76.1	
123789-HCDD [ppt]	52.9		46.8		45.6		50.2		44.0		48.0	
1234678-H7CDD [ppt]	1470		1540		1390		1120		996		1040	
OCDD [ppt]	13600		15200		14700		12000		13200		11900	
2378-TCDF [ppt]	341		161		236		27.0		29.5		25.2	E
12378-PCDF [ppt]	207		97.9		142		25.5		21.2		23.6	
23478-PCDF [ppt]	185	N	96.5	N	135	N	39.5	N	34.5	N	38.2	N
123478-HCDF [ppt]	195		107		133		53.5		53.4		50.4	
123678-HCDF [ppt]	53.3		34.1		38.7		27.9		25.4		25.0	
234678-HCDF [ppt]	44.1	N	37.6	N	36.4	N	34.7	N	30.4	N	33.1	N
123789-HCDF [ppt]	3.66	E	1.55	E	2.65		2.38		1.66	E	2.12	E
1234678-H7CDF [ppt]	604		618		602		684		671		660	
1234789-H7CDF [ppt]	37.7		36.7		30.9	E	35.0		29.1		33.0	
OCDF [ppt]	1450		1450		1330		1230		1280		1220	
<b>WHO-TEQ (LoD=0.5)</b>	<b>309</b>		<b>265</b>		<b>277</b>		<b>232</b>		<b>210</b>		<b>223</b>	

**Table 4-2**  
**2014 Final Phase I Analytical Results**  
**EPA Method 1613b – Property-Specific Confirmation**

Lab ID	Sample #14 (140599)		Sample #15 (140600)		Sample #16 (140601)		Sample #2 (140613)		Sample #3 (140614)		Sample #4 (140615)	
<b>Sample Description</b>	Prim 2106 Tennessee St	Flag	Dup 2106 Tennessee St	Flag	Trip 2106 Tennessee St	Flag	Prim 2303 Carolina St	Flag	Dup 2303 Carolina St	Flag	Trip 2303 Carolina St	Flag
<b>Sample Date</b>	Between 10/22/2013 and 11/13/2013		Between 10/22/2013 and 11/13/2013		Between 10/22/2013 and 11/13/2013		Between 10/17/2013 and 11/20/2013		Between 10/17/2013 and 11/20/2013		Between 10/17/2013 and 11/20/2013	
<b>Sample Weight [g]</b>	2.82		2.9		2.87		3.01		3.15		3.09	
2378-TCDD [ppt]	166		140		154		64.7		63.8		56.5	
12378-PCDD [ppt]	70.6		62.1		58.4		25.9		25.0		24.4	
123478-HCDD [ppt]	34.2		27.3		29.9		14.3		16.1		15.2	
123678-HCDD [ppt]	86.1		72.7		75.6		39.6		41.6		39.0	
123789-HCDD [ppt]	55.4		48.0		47.5		26.6		26.7		27.4	
1234678-H7CDD [ppt]	1790		1450		1420		753		734		698	
OCDD [ppt]	20800		15300		14500		6800		6940		6520	
2378-TCDF [ppt]	26.5		16.2	E	19.2	E	312		238		927	
12378-PCDF [ppt]	20.6		14.1	E	14.5		145		114		371	
23478-PCDF [ppt]	37.7	N	30.6	N	27.3	N	138	N	113	N	355	N
123478-HCDF [ppt]	55.0		50.3		43.5		109		91.8		204	
123678-HCDF [ppt]	26.9		23.9		22.9		28.8		25.8		49.0	
234678-HCDF [ppt]	36.2	N	32.2	N	29.7	N	28.6	N	24.8	N	39.1	N
123789-HCDF [ppt]	1.71	E	1.87		2.14		1.84		2.40	E	2.65	
1234678-H7CDF [ppt]	772		580		595		312		325		307	
1234789-H7CDF [ppt]	41.0		33.2		32.8		19.9		19.9		21.8	
OCDF [ppt]	2950		1430		1430		652		679		661	
<b>WHO-TEQ (LoD=0.5)</b>	<b>314</b>		<b>265</b>		<b>273</b>		<b>206</b>		<b>186</b>		<b>341</b>	

**Table 4-2**  
**2014 Final Phase I Analytical Results**  
**EPA Method 1613b – Property-Specific Confirmation**

Lab ID	Sample #5 (140616)		Sample #6 (140617)		Sample #7 (140618)		Sample #8 (140619)		Sample #9 (140620)		Sample #10 (140621)	
<b>Sample Description</b>	Prim 1509 E Haley St	Flag	Dup 1509 E Haley St	Flag	Trip 1509 E Haley St	Flag	Prim 2004 Virginia St	Flag	Dup 2004 Virginia St	Flag	Trip 2004 Virginia St	Flag
<b>Sample Date</b>	Between 10/17/2013 and 11/20/2013											
<b>Sample Weight [g]</b>	3.21		3.38		3.35		3.46		3.17		3.24	
2378-TCDD [ppt]	96.1		95.9		95.6		71.9		69.2		73.4	
12378-PCDD [ppt]	46.3		52.6		50.8		36.3		32.5		32.7	
123478-HCDD [ppt]	21.3		28.8		26.8		24.6		21.0		24.8	
123678-HCDD [ppt]	57.8		64.6		64.8		60.6		55.6		63.3	
123789-HCDD [ppt]	37.5		43.2		44.6		42.7		38.7		40.6	
1234678-H7CDD [ppt]	953		1120		1140		1140		1050		1110	
OCDD [ppt]	10900		12100		13500		10800		9960		10400	
2378-TCDF [ppt]	74.7		228		157		202		145		178	
12378-PCDF [ppt]	42.1		93.2		79.7		109		76.2		100	
23478-PCDF [ppt]	52.1	N	107	N	82.9	N	117	N	78.6	N	96.8	N
123478-HCDF [ppt]	53.5		91.2		83.2		112		82.3		107	
123678-HCDF [ppt]	20.6		30.4		28.7		36.0		28.6		30.0	
234678-HCDF [ppt]	26.1	N	36.4	N	34.6	N	36.8	N	32.1	N	35.8	N
123789-HCDF [ppt]	0.935	E	1.32	E	1.67	E	1.33	E	1.63	E	1.34	E
1234678-H7CDF [ppt]	510		598		583		527		489		552	
1234789-H7CDF [ppt]	26.7		28.0		31.7		33.8		28.0		33.8	
OCDF [ppt]	977		1100		1220		1090		1020		1050	
<b>WHO-TEQ (LoD=0.5)</b>	<b>207</b>		<b>257</b>		<b>240</b>		<b>219</b>		<b>187</b>		<b>207</b>	

**Table 4-2**  
**2014 Final Phase I Analytical Results**  
**EPA Method 1613b – Property-Specific Confirmation**

Lab ID	Sample #11 (140622)		Sample #12 (140623)		Sample #13 (140624)	
<b>Sample Description</b>	Prim 2205 Carolina St	Flag	Dup 2205 Carolina St	Flag	Trip 2205 Carolina St	Flag
<b>Sample Date</b>	Between 10/17/2013 and 11/20/2013		Between 10/17/2013 and 11/20/2013		Between 10/17/2013 and 11/20/2013	
<b>Sample Weight [g]</b>	3.19		3.09		3.11	
2378-TCDD [ppt]	86.1		90.4		90.8	
12378-PCDD [ppt]	36.2		36.3		37.7	
123478-HCDD [ppt]	24.3		25.1		22.5	
123678-HCDD [ppt]	63.3		70.2		64.0	
123789-HCDD [ppt]	37.7		45.1		40.2	
1234678-H7CDD [ppt]	1000		1240		1010	
OCDD [ppt]	12500		11700		9900	
2378-TCDF [ppt]	88.4		50.7		100	
12378-PCDF [ppt]	56.5		34.8		47.0	
23478-PCDF [ppt]	62.5	N	39.8	N	56.6	N
123478-HCDF [ppt]	78.6		53.0		59.0	
123678-HCDF [ppt]	26.3		23.2		24.0	
234678-HCDF [ppt]	31.9	N	28.5	N	26.7	N
123789-HCDF [ppt]	< 1.48		2.68		< 1.03	
1234678-H7CDF [ppt]	533		524		550	
1234789-H7CDF [ppt]	28.8		32.0		27.2	
OCDF [ppt]	1110		1130		1220	
<b>WHO-TEQ (LoD=0.5)</b>	<b>198</b>		<b>191</b>		<b>200</b>	

B - Concentration in blank within 10x of analyte concentration.

C - Confirmation data reported from SP2331 Column.

E - Estimated maximum possible concentration. Isotope ion ratio is outside of EPA method range (~15 %). Reported value is the lowest concentration of the two ions.

N - Spike recovery not within control limits.

WHO-TEQ - World Health Organization Toxic Equivalency

**Table 4-3**  
**Properties that Declined Access for Sampling**

<b>Property Type</b>	<b>Property Type Description</b>	<b>Parcel ID</b>	<b>Comments</b>
Residential	Owner Occupied	14-23-30-412	Most recent Best Efforts Letter dated 2/28/2014
Residential	Owner Occupied	14-23-30-074	MRC spoke with owner who agreed to sign an agreement in 4/2014
Residential	Owner Occupied	14-21-80-498	Most recent Best Efforts Letter dated 2/28/2014
Residential	Owner Occupied	14-21-80-470	Most recent Best Efforts Letter dated 2/28/2014
Residential	Owner Occupied	14-16-40-606	Received blinded data from MRC on 9/26/12, owner indicated that he did not want to participate in this sampling. MRC called the owner to explain the benefits of sampling. Most recent Best Efforts Letter dated 2/28/2014
Residential	Owner Occupied	14-16-40-488	Most recent Best Efforts Letter dated 2/28/2014
Residential	Owner Occupied	14-16-40-314	Most recent Best Efforts Letter dated 2/28/2014
Residential	Rental	14-15-60-544	MRC spoke with owner regarding access. Plans to speak with son. MAS to follow up.
Residential	Owner Occupied	14-15-60-524	MRC spoke with owner regarding access. Plans to speak with her son. MAS to follow up.
Residential	Owner Occupied	14-15-60-252	Requested new access agreement to be mailed in case of change of mind. Mailed on 8/7/2013. Most recent best efforts letter dated 2/28/2014
Residential	Owner Occupied	14-15-60-170	Most recent Best Efforts Letter dated 2/28/2014
Residential	Owner Occupied	14-15-50-674	Most recent Best Efforts Letter dated 2/28/2014
Residential	Owner Occupied	14-15-40-150	Most recent Best Efforts Letter dated 2/28/2014
Residential	Owner Occupied	14-15-30-380	MRC spoke with owner who agreed to sign an agreement in 3/2014. Most recent best efforts letter dated 2/28/2014
Residential	Owner Occupied	14-15-30-354	Most recent Best Efforts Letter dated 2/28/2014
Residential	Owner Occupied	14-15-30-296	Most recent Best Efforts Letter dated 2/28/2014
Residential	Owner Occupied	14-15-30-256	Most recent Best Efforts Letter dated 2/28/2014
Residential	Owner Occupied	14-15-10-442	Most recent Best Efforts Letter dated 2/28/2014

**Table 4-4**  
**Properties with No Response to Access Requests**

Property Type	Property Type Description	Parcel ID	Comment
Residential	Rental	14-15-30-054	Spoke with owner on 3/6/2014; plans to send in agreement
Residential	Rental	14-16-40-190	House appears vacant
Residential	Rental	14-15-30-092	No response from owner after multiple attempts by letter, phone, certified mail and house visit
Residential	Rental	14-23-30-220	Communication with owner indicates they are unwilling to sign agreement
Residential	Rental	14-23-30-472	Common owner for 5 parcels; communication with owner indicates that they are "undecided at this time" in regards to sampling
Residential	Rental	14-21-10-590	
Residential	Rental	14-16-40-490	
Residential	Rental	14-16-40-484	
Residential	Rental	14-16-40-476	
Residential Like	Rental	14-16-40-392	Common owner for 2 parcels; communication with owner indicates that owner is unwilling to participate in program
Residential	Rental	14-15-50-020	
Residential	Rental	14-16-50-066	No response from owner after multiple attempts by letter, phone, certified mail and house visit
Residential	Owner Occupied	14-15-50-534	Owner is undecided
Residential	Owner Occupied	14-15-60-256	House appears vacant
Residential	Owner Occupied	14-15-30-336	House appears vacant
Residential	Owner Occupied	14-15-30-236	House appears vacant
Residential	Owner Occupied	14-15-50-530	No response from owner after multiple attempts by letter, phone, certified mail and house visit
Residential	Owner Occupied	14-15-30-210	House appears vacant
Residential	Bank Foreclosure	14-15-50-542	Currently owned by HSBC Mortgage Services, Inc
Residential	Bank Foreclosure	14-15-30-038	Currently owned by Flagstar Bank
Residential	Bank Foreclosure	14-16-40-590	Currently owned by Federal I National Mortgage Assoc
Residential	Bank Foreclosure	14-16-40-678	Currently owned by Fannie Mae
Residential	Bank Foreclosure	14-15-30-254	Under property management company
Residential	Bank Foreclosure	14-16-40-246	Currently owned by Bank of New York Mellon Trust Co
Residential	Bank Foreclosure	14-15-30-370	Currently owned by Wolverine Bank FSB
Residential Like	Tax Foreclosure	14-16-50-062	Property will be owned by Midland Co as of 4/1/2014 due to tax foreclosure
Residential	Tax Foreclosure	14-16-50-072	Property will be owned by Midland Co as of 4/1/2014 due to tax foreclosure
Residential Like	Tax Foreclosure	14-16-50-063	Property will be owned by Midland Co as of 4/1/2014 due to tax foreclosure

**Table 4-5**  
**Available Open Area for Sampling Residential Properties**

Address	Property Type	Total Acreage	Acreage Available For Sampling	%
328 Kent Ct	Residential	0.25	0.03	10%
305 E Reardon St - DU A	Residential Like	20.64	2.52	12%
311 E Buttles St	Residential	0.18	0.03	17%
1000 Eastlawn Dr	Residential Like	0.17	0.03	18%
305 E Reardon St - DU D	Residential Like	1.76	0.45	26%
1010 Eastlawn Dr - DU A	Residential	1.16	0.31	26%
402 Rodd St	Residential	0.38	0.11	29%
301 Townsend St	Residential	0.11	0.03	29%
505 George St	Residential	0.13	0.04	31%
510 Rodd St	Residential	0.19	0.06	32%
1010 Eastlawn Dr - DU B	Residential	1.62	0.51	32%
1024 Eastlawn Dr - DU B	Residential	1.04	0.34	33%
1610 Colorado St - DU 2	Residential	0.78	0.26	33%
3119 Beech St - DU A	Residential	0.25	0.09	35%
1415 Swede Ave	Residential	0.33	0.12	36%
1501 Swede Ave	Residential	0.33	0.12	36%
1112 Haley St	Residential	0.19	0.07	37%
425 Longview St	Residential	0.19	0.07	38%
302 Arbury Pl	Residential	0.23	0.09	39%
701 George St	Residential	0.23	0.09	39%
715 Fournie St	Residential	0.10	0.04	40%
2008 Wisconsin St - DU C	Residential	1.13	0.46	41%
614 Townsend St	Residential	0.17	0.07	41%
1312 Lincoln St	Residential	0.19	0.08	42%
1402 Lincoln St	Residential	0.19	0.08	42%
411 Cronkright St	Residential	0.19	0.08	42%
716 E Haley St	Residential	0.19	0.08	42%
337 Lemke St - DU C	Residential Like	3.52	1.50	43%
505 E Carpenter St - DU A	Residential Like	1.24	0.53	43%
211-415 Cherryview Dr	Residential	1.94	0.84	43%
1407 Swede Ave	Residential	0.71	0.31	44%
404 Sauve St - DUA	Residential	0.16	0.07	44%
505 E Carpenter St - DU D	Residential Like	1.19	0.52	44%
2109 Swede Ave - DU A	Residential	0.16	0.07	44%
1113 Haley St	Residential	0.18	0.08	44%
1410 Jefferson Ave	Residential	0.18	0.08	44%
219 E Haley St	Residential	0.18	0.08	44%
717 Fournie St	Residential	0.09	0.04	44%
810 State St	Residential	0.18	0.08	44%
1505 & 1507 Colorado St	Residential	0.20	0.09	45%
713 E Haley St	Residential	0.20	0.09	45%
2710 Bay City Rd	Residential	0.48	0.22	46%
1610.1618 Jefferson Ave	Residential Like	0.15	0.07	47%
613 E Pine St	Residential	0.19	0.09	47%

**Table 4-5**  
**Available Open Area for Sampling Residential Properties**

Address	Property Type	Total Acreage	Acreage Available For Sampling	%
704 E Union St	Residential	0.19	0.09	47%
708 E Union St	Residential	0.19	0.09	47%
1506 & 1508 Colorado St	Residential	0.21	0.10	48%
1510 & 1512 Colorado St	Residential	0.21	0.10	48%
205 E Haley St	Residential	0.21	0.10	48%
512 Townsend St	Residential	0.35	0.17	49%
1609 E Haley St	Residential	0.17	0.08	49%
1008 Rodd St	Residential	0.12	0.06	50%
1116 Haley St	Residential	0.18	0.09	50%
1302 Franklin St	Residential	0.18	0.09	50%
1400 & 1402 Iowa St	Residential	0.32	0.16	50%
1403 & 1405 Colorado St	Residential	0.20	0.10	50%
1505 Swede Ave	Residential	0.32	0.16	50%
2302 Jefferson Ave	Residential	0.18	0.09	50%
406 E Grove St	Residential	0.10	0.05	50%
416 E Grove St	Residential	0.26	0.13	50%
507 George St	Residential	0.12	0.06	50%
516 Rodd St	Residential	0.24	0.12	50%
604 Townsend St	Residential	0.14	0.07	50%
614 Walnut St	Residential	0.24	0.12	50%
702 Walnut St	Residential	0.20	0.10	50%
705 Maple St	Residential	0.20	0.10	50%
818 Haley St	Residential	0.18	0.09	50%
314 Townsend St	Residential	0.21	0.10	50%
2008 Wisconsin St - DU F	Residential	1.00	0.51	51%
2117 Kentucky St	Residential	0.17	0.08	51%
2110 Tennessee St	Residential	0.17	0.09	52%
1016 Townsend St	Residential	0.23	0.12	52%
304 Bradley Ct	Residential	0.21	0.11	52%
506 E Carpenter St	Residential	0.21	0.11	52%
602 Maple St	Residential	0.21	0.11	52%
606 Maple St	Residential	0.21	0.11	52%
612 & 614 E Haley St	Residential	0.21	0.11	52%
706 Maple St	Residential	0.21	0.11	52%
2106 Carolina St	Residential	0.17	0.09	53%
1109 Michigan St	Residential	0.19	0.10	53%
1109 Mill St	Residential	0.19	0.10	53%
1112 Mill St	Residential	0.19	0.10	53%
1308 Carolina St	Residential	0.19	0.10	53%
1404 Iowa St	Residential	0.19	0.10	53%
1407 Iowa St	Residential	0.19	0.10	53%
1408 Iowa St	Residential	0.19	0.10	53%
1410 Mill St	Residential	0.19	0.10	53%
1411 Haley St	Residential	0.19	0.10	53%

**Table 4-5**  
**Available Open Area for Sampling Residential Properties**

Address	Property Type	Total Acreage	Acreage Available For Sampling	%
1416 Iowa St	Residential	0.19	0.10	53%
1502 Iowa St	Residential	0.19	0.10	53%
1506 Iowa St	Residential	0.19	0.10	53%
1600 Iowa St	Residential	0.19	0.10	53%
1601 & 1603 Jefferson Ave	Residential	0.19	0.10	53%
316 E Haley St	Residential	0.19	0.10	53%
405 Arbury Pl	Residential	0.19	0.10	53%
701 E Grove St	Residential	0.19	0.10	53%
706 E Pine St	Residential	0.19	0.10	53%
2113 Kentucky St	Residential	0.17	0.09	53%
1010 E Carpenter St	Residential	0.17	0.09	53%
1016 Rodd St	Residential	0.17	0.09	53%
2303 Cleveland Ave	Residential	0.17	0.09	53%
405 E Pine St	Residential	0.17	0.09	53%
615 E Carpenter St	Residential	0.17	0.09	53%
607 Townsend St	Residential	0.28	0.15	54%
1318 Bayliss St	Residential	0.13	0.07	54%
1501 & 1503 Carolina St	Residential	0.26	0.14	54%
2118 Kentucky St	Residential	0.15	0.08	54%
2100 & 2200 Cleveland Ave - DU A	Residential	8.71	4.70	54%
1306 Walsh St	Residential	0.37	0.20	54%
333 Longview St	Residential	0.19	0.10	54%
513 Walnut St	Residential	0.24	0.13	54%
1517 Bayliss St - DU 3	Residential Like	1.38	0.75	54%
1613 Swede Ave	Residential	0.33	0.18	55%
515 Maple St	Residential	0.22	0.12	55%
2202 Kentucky St	Residential	0.15	0.08	55%
118 E Haley St	Residential	0.20	0.11	55%
1415 Mill St	Residential	0.20	0.11	55%
315 E Grove St	Residential	0.20	0.11	55%
701 Maple St	Residential	0.20	0.11	55%
709 Maple St	Residential	0.20	0.11	55%
717 E Haley St	Residential	0.20	0.11	55%
813 E Haley St	Residential	0.20	0.11	55%
708 George St	Residential	0.29	0.16	55%
1321 E Haley St	Residential	0.14	0.08	56%
1101 Scott St	Residential	0.27	0.15	56%
1513 Colorado St	Residential	0.27	0.15	56%
1302 Haley St	Residential	0.18	0.10	56%
1609 Haley St	Residential	0.18	0.10	56%
2306 Jefferson Ave	Residential	0.18	0.10	56%
310 Arbury Pl	Residential	0.18	0.10	56%
410 Kent Ct	Residential	0.18	0.10	56%
411 E Haley St	Residential	0.18	0.10	56%

**Table 4-5**  
**Available Open Area for Sampling Residential Properties**

Address	Property Type	Total Acreage	Acreage Available For Sampling	%
508 Rodd St	Residential	0.18	0.10	56%
606 Rodd St	Residential	0.18	0.10	56%
612 Cronkright St	Residential	0.18	0.10	56%
706 State St	Residential	0.18	0.10	56%
708 Rodd St	Residential	0.18	0.10	56%
812 E Carpenter St	Residential	0.18	0.10	56%
2105 Tennessee St	Residential	0.17	0.09	56%
1303 Colorado Ct	Residential	1.33	0.74	56%
804 E Haley St	Residential	0.25	0.14	56%
602 Townsend St	Residential	0.32	0.18	56%
703 E Grove St	Residential	0.16	0.09	56%
709 E Pine St	Residential	0.16	0.09	56%
1024 Eastlawn Dr - DU A	Residential	1.17	0.66	56%
1505 E Haley St	Residential	0.18	0.10	57%
1318 Maryland St	Residential	0.16	0.09	57%
2110 Kentucky St	Residential	0.17	0.09	57%
1100 Scott St	Residential	0.28	0.16	57%
509 George St	Residential	0.14	0.08	57%
601 Maple St	Residential	0.21	0.12	57%
617 Maple St	Residential	0.21	0.12	57%
705 State St	Residential	0.14	0.08	57%
806 Maple St	Residential	0.21	0.12	57%
501 State St	Residential	0.99	0.57	58%
1600 Bayliss St	Residential	0.26	0.15	58%
2218 Jefferson Ave	Residential	0.26	0.15	58%
1004 State St	Residential	0.19	0.11	58%
1007 North St	Residential	0.19	0.11	58%
1111 Franklin St	Residential	0.19	0.11	58%
1120 Mill St	Residential	0.19	0.11	58%
1302 Mill St	Residential	0.19	0.11	58%
1312 Mill St	Residential	0.19	0.11	58%
1408 Lincoln St	Residential	0.19	0.11	58%
1412 Iowa St	Residential	0.19	0.11	58%
1414 State St	Residential	0.19	0.11	58%
1416 Haley St	Residential	0.19	0.11	58%
1417 Iowa St	Residential	0.19	0.11	58%
1604 Bayliss St	Residential	0.19	0.11	58%
1604 Jefferson Ave	Residential	0.19	0.11	58%
2120 Jefferson Ave	Residential	0.19	0.11	58%
312 E Haley St	Residential	0.19	0.11	58%
402 E Haley St	Residential	0.19	0.11	58%
701 E Carpenter St	Residential	0.19	0.11	58%
704 State St	Residential	0.19	0.11	58%
712 E Haley St	Residential	0.19	0.11	58%

**Table 4-5**  
**Available Open Area for Sampling Residential Properties**

Address	Property Type	Total Acreage	Acreage Available For Sampling	%
716 Haley St	Residential	0.19	0.11	58%
720 E Haley St	Residential	0.19	0.11	58%
800 E Haley St	Residential	0.19	0.11	58%
805 Mill St	Residential	0.19	0.11	58%
816 Haley St	Residential	0.19	0.11	58%
1414 Maryland St	Residential	0.18	0.10	58%
3119 Beech St - DU B	Residential	0.21	0.12	58%
2211 Kentucky St	Residential	0.17	0.10	58%
1010 Eastlawn Dr - DU C	Residential	0.46	0.27	58%
2514 Bay City Rd	Residential	1.51	0.88	58%
1006 Rodd St	Residential	0.12	0.07	58%
309 E Grove St	Residential	0.12	0.07	58%
500 E Haley St	Residential	0.24	0.14	58%
715 E. Carpenter St	Residential	0.24	0.14	58%
2206 Tennessee St	Residential	0.17	0.10	58%
310 Townsend St	Residential	0.12	0.07	59%
2203 Kentucky St	Residential	0.17	0.10	59%
109 Arbury Pl	Residential	0.17	0.10	59%
1411 & 1413 Carolina St	Residential	0.34	0.20	59%
415 George St	Residential	0.17	0.10	59%
601 State St	Residential	0.17	0.10	59%
606 Haley St	Residential	0.17	0.10	59%
609 E Carpenter St	Residential	0.17	0.10	59%
1513 E Haley St	Residential	0.18	0.10	59%
2524 Bay City Rd	Residential	0.66	0.39	59%
617 Walnut St	Residential	0.22	0.13	59%
802 State St	Residential	0.27	0.16	59%
1210 E Haley St	Residential	0.32	0.19	59%
305 Longview St	Residential	0.19	0.11	59%
311 E Ellsworth St	Residential	0.17	0.10	60%
1015 Townsend St	Residential	0.10	0.06	60%
1306 Jefferson Ave	Residential	0.15	0.09	60%
1319 Lincoln St	Residential	0.20	0.12	60%
1502 & 1504 Carolina St	Residential	0.25	0.15	60%
1510 & 1512 Carolina St	Residential	0.25	0.15	60%
1510 Jefferson Ave	Residential	0.15	0.09	60%
1514 Jefferson Ave	Residential	0.15	0.09	60%
1601 Swede Ave	Residential	0.20	0.12	60%
1609 Swede Ave	Residential	0.20	0.12	60%
218 Bradley Ct	Residential	0.20	0.12	60%
413 E Patrick Rd	Residential	0.20	0.12	60%
504 E Haley St	Residential	0.20	0.12	60%
605 Maple St	Residential	0.20	0.12	60%
609 George St	Residential	0.20	0.12	60%

**Table 4-5**  
**Available Open Area for Sampling Residential Properties**

Address	Property Type	Total Acreage	Acreage Available For Sampling	%
609 Maple St	Residential	0.20	0.12	60%
610 Reardon Ct	Residential	0.20	0.12	60%
814 E Carpenter St	Residential	0.25	0.15	60%
903 North St	Residential	0.25	0.15	60%
2112 Virginia St	Residential	0.18	0.11	60%
1109 State St - DU 1	Residential	0.28	0.17	61%
324 Longview St	Residential	0.19	0.12	61%
2006 Cleveland Ave	Residential	0.23	0.14	61%
701 Walnut St	Residential	0.23	0.14	61%
716 E Pine St	Residential	0.23	0.14	61%
2008 Wisconsin St - DU B	Residential	0.57	0.34	61%
409 E Haley St	Residential	0.59	0.36	61%
1001 Haley St	Residential	0.18	0.11	61%
1107 North St	Residential	0.18	0.11	61%
1109 Haley St	Residential	0.18	0.11	61%
1120 Fournie St	Residential	0.18	0.11	61%
1302 Jefferson Ave	Residential	0.18	0.11	61%
1310 Haley St	Residential	0.18	0.11	61%
1311 Haley St	Residential	0.18	0.11	61%
2310 Jefferson Ave	Residential	0.18	0.11	61%
610 Rodd St	Residential	0.18	0.11	61%
809 E Carpenter St	Residential	0.18	0.11	61%
816 State St	Residential	0.18	0.11	61%
3020 Bay City Rd	Residential	0.24	0.15	61%
2202 Tennessee St	Residential	0.17	0.10	62%
1312 Bayliss St	Residential	0.13	0.08	62%
614 George St	Residential	0.13	0.08	62%
709 Cronkright St	Residential	0.13	0.08	62%
704 E Haley St	Residential	0.47	0.29	62%
1301 State St	Residential	0.21	0.13	62%
1305 State St	Residential	0.21	0.13	62%
342 Sam St	Residential	0.21	0.13	62%
802 Maple St	Residential	0.21	0.13	62%
1417 & 1419 Carolina St	Residential	0.29	0.18	62%
505 E Carpenter St - DU B	Residential Like	1.28	0.80	62%
1416 Carolina St	Residential	0.16	0.10	63%
609 E Pine St	Residential	0.16	0.10	63%
610 Walnut St	Residential	0.24	0.15	63%
408 Longview St	Residential	0.19	0.12	63%
415 Kent Ct	Residential	0.27	0.17	63%
2121 Swede Ave	Residential	0.17	0.10	63%
1001 Mill St	Residential	0.19	0.12	63%
1002 Haley St	Residential	0.19	0.12	63%
1002 Mill St	Residential	0.19	0.12	63%

**Table 4-5**  
**Available Open Area for Sampling Residential Properties**

Address	Property Type	Total Acreage	Acreage Available For Sampling	%
1012 Townsend St	Residential	0.19	0.12	63%
1113 Franklin St	Residential	0.19	0.12	63%
1117 Mill St	Residential	0.19	0.12	63%
1120 Franklin St	Residential	0.19	0.12	63%
1201 Michigan St	Residential	0.19	0.12	63%
1302 State St	Residential	0.19	0.12	63%
1303 Mill St	Residential	0.19	0.12	63%
1307 Fournie St	Residential	0.19	0.12	63%
1309 Franklin St	Residential	0.19	0.12	63%
1310 Lincoln St	Residential	0.19	0.12	63%
1310 State St	Residential	0.19	0.12	63%
1411 Colorado St	Residential	0.19	0.12	63%
1418 Haley St	Residential	0.19	0.12	63%
1506 State St	Residential	0.19	0.12	63%
1510 Iowa St	Residential	0.19	0.12	63%
1514 Iowa St	Residential	0.19	0.12	63%
1518 Iowa St	Residential	0.19	0.12	63%
1606 Iowa St	Residential	0.19	0.12	63%
1610 Haley St	Residential	0.19	0.12	63%
1610 Iowa St	Residential	0.19	0.12	63%
2013 Cleveland Ave	Residential	0.19	0.12	63%
2112 Jefferson Ave	Residential	0.19	0.12	63%
2210 Jefferson Ave	Residential	0.19	0.12	63%
410 E Haley St	Residential	0.19	0.12	63%
410 E Pine St	Residential	0.19	0.12	63%
415 E Hines St	Residential	0.19	0.12	63%
511 Townsend St	Residential	0.19	0.12	63%
611 E Grove St	Residential	0.19	0.12	63%
719 E Haley St	Residential	0.19	0.12	63%
805 North St	Residential	0.19	0.12	63%
810 Mill St	Residential	0.19	0.12	63%
813 Mill St	Residential	0.19	0.12	63%
416 Lemke St - DU A	Residential	0.16	0.10	64%
2214 Tennessee St	Residential	0.17	0.10	64%
2008 Wisconsin St - DU A	Residential	0.53	0.34	64%
1606 State St	Residential	0.22	0.14	64%
505 Maple St	Residential	0.22	0.14	64%
601 Walnut St	Residential	0.22	0.14	64%
707 North St	Residential	0.22	0.14	64%
1015 E Carpenter St	Residential	0.25	0.16	64%
304 E Haley St	Residential	0.25	0.16	64%
308 Eastlawn Dr	Residential	0.25	0.16	64%
404 Eastlawn Dr	Residential	0.25	0.16	64%
413 E Grove St	Residential	0.25	0.16	64%

**Table 4-5**  
**Available Open Area for Sampling Residential Properties**

Address	Property Type	Total Acreage	Acreage Available For Sampling	%
610 George St	Residential	0.25	0.16	64%
815 North St	Residential	0.25	0.16	64%
903 E Carpenter St	Residential	0.25	0.16	64%
1310 Eastlawn Dr	Residential	0.19	0.12	64%
2307 Virginia St	Residential	0.18	0.12	64%
2114 Kentucky St	Residential	0.17	0.11	64%
2121 Kentucky St	Residential	0.17	0.11	64%
1313 Franklin St	Residential	0.28	0.18	64%
1414 Jefferson Ave	Residential	0.14	0.09	64%
1509 & 1511 Carolina St	Residential	0.28	0.18	64%
310 E Pine St	Residential	0.14	0.09	64%
1518 Maryland St	Residential	0.17	0.11	64%
412 Eastlawn Dr	Residential	0.45	0.29	64%
1411 Maryland St	Residential	0.19	0.12	64%
1605 Ohio St	Residential	0.19	0.12	65%
1015 E Grove St	Residential	0.17	0.11	65%
110 E Haley St	Residential	0.17	0.11	65%
1310 Jefferson Ave	Residential	0.17	0.11	65%
1406 Lincoln St	Residential	0.17	0.11	65%
1605 Mill St	Residential	0.17	0.11	65%
320 E Haley St	Residential	0.17	0.11	65%
502 George St	Residential Like	0.17	0.11	65%
614 Cherry St	Residential	0.17	0.11	65%
701 State St	Residential	0.17	0.11	65%
711 State St	Residential	0.17	0.11	65%
714 North St	Residential	0.34	0.22	65%
906 E Pine St	Residential	0.17	0.11	65%
913 E Grove St	Residential	0.17	0.11	65%
412 Lemke St - DU A	Residential	0.16	0.11	65%
2210 Kentucky St	Residential	0.17	0.11	65%
1410 Maryland St	Residential	0.18	0.11	65%
1013 Townsend St	Residential	0.20	0.13	65%
1301 Fournie St	Residential	0.20	0.13	65%
1411 Lincoln St	Residential	0.20	0.13	65%
1411 Mill St	Residential	0.20	0.13	65%
1420 Colorado St	Residential	0.20	0.13	65%
1611 Iowa St	Residential	0.20	0.13	65%
2212 Jefferson Ave	Residential	0.20	0.13	65%
302 Maple St	Residential	0.20	0.13	65%
505 E Grove St	Residential	0.20	0.13	65%
511 E Haley St	Residential	0.20	0.13	65%
602 E Haley St	Residential	0.20	0.13	65%
618 Walnut St	Residential	0.20	0.13	65%
807 Fournie St	Residential	0.20	0.13	65%

**Table 4-5**  
**Available Open Area for Sampling Residential Properties**

Address	Property Type	Total Acreage	Acreage Available For Sampling	%
515 E Grove St	Residential	0.43	0.28	65%
408 Lemke St - DU A	Residential	0.17	0.11	65%
1001 North St	Residential	0.23	0.15	65%
1101 E Carpenter St	Residential	0.23	0.15	65%
1320 George St	Residential	0.23	0.15	65%
415 Cronkright St	Residential	0.23	0.15	65%
2010 Carolina St	Residential	0.17	0.11	65%
400 Longview St	Residential	0.19	0.13	65%
2600 Parsons Ct	Residential	0.26	0.17	65%
415 E Pine St	Residential	0.26	0.17	65%
336 Longview St	Residential	0.19	0.13	65%
2103 Virginia St	Residential	0.29	0.19	65%
1610 Maryland St	Residential	0.17	0.11	66%
2206 Carolina St	Residential	0.17	0.11	66%
2114 Carolina St	Residential	0.17	0.11	66%
1613 E Haley St	Residential	0.17	0.11	66%
1615 & 1617 State St	Residential	0.38	0.25	66%
1606 Maryland St	Residential	0.17	0.11	67%
1008 State St	Residential	0.18	0.12	67%
1037 Scott St	Residential	0.27	0.18	67%
1105 Scott St	Residential	0.27	0.18	67%
111 E Haley St	Residential	0.18	0.12	67%
111 E Patrick Rd	Residential	0.18	0.12	67%
1113 Scott St	Residential	0.27	0.18	67%
1311 Jefferson Ave	Residential	0.18	0.12	67%
1312 Fournie St	Residential	0.18	0.12	67%
1316 Haley St	Residential	0.27	0.18	67%
1316 Mill St	Residential	0.27	0.18	67%
1322 Jefferson Ave	Residential	0.18	0.12	67%
1406 E Haley St	Residential	0.18	0.12	67%
1406 Jefferson Ave	Residential	0.18	0.12	67%
1412 State St	Residential	0.18	0.12	67%
1605 Bayliss St	Residential	0.18	0.12	67%
205 E Patrick Rd	Residential	0.18	0.12	67%
405 E Hines St	Residential	0.18	0.12	67%
406 E Pine St	Residential	0.09	0.06	67%
611 E Pine St	Residential	0.18	0.12	67%
613 E Carpenter St	Residential	0.18	0.12	67%
713 E. Carpenter St	Residential	0.18	0.12	67%
817 E Haley St	Residential	0.27	0.18	67%
1004 Rodd St	Residential	0.12	0.08	67%
1014 Rodd St	Residential	0.12	0.08	67%
1105 Michigan St	Residential	0.21	0.14	67%
1418 Carolina St	Residential	0.15	0.10	67%

**Table 4-5**  
**Available Open Area for Sampling Residential Properties**

Address	Property Type	Total Acreage	Acreage Available For Sampling	%
1502 E Haley St	Residential	0.24	0.16	67%
1504 Colorado St	Residential	0.21	0.14	67%
1506 Jefferson Ave	Residential	0.15	0.10	67%
1514 E Haley St	Residential	0.24	0.16	67%
1610 State St	Residential	0.21	0.14	67%
2017 Bayliss St	Residential	0.21	0.14	67%
2307 Bayliss St	Residential	0.24	0.16	67%
348 Sam St	Residential	0.21	0.14	67%
413 Sam St	Residential	0.48	0.32	67%
418 Sam St	Residential	0.21	0.14	67%
506 Maple St	Residential	0.21	0.14	67%
511 Cherry St	Residential	0.21	0.14	67%
512 Eastlawn Dr	Residential	0.21	0.14	67%
514 Maple St	Residential	0.21	0.14	67%
602 Rodd St	Residential	0.24	0.16	67%
605 E Carpenter St	Residential	0.24	0.16	67%
610 Maple St	Residential	0.21	0.14	67%
613 Walnut St	Residential	0.24	0.16	67%
707 Mill St	Residential	0.21	0.14	67%
711 Mill St	Residential	0.21	0.14	67%
915 North St	Residential	0.24	0.16	67%
2117 Tennessee St	Residential	0.15	0.10	67%
2111 Carolina St	Residential	0.18	0.12	67%
2207 Kentucky St	Residential	0.17	0.11	67%
1310 Ohio St	Residential	0.18	0.12	67%
111 Bradley Ct	Residential	0.34	0.23	68%
1518 E Haley St	Residential	0.31	0.21	68%
2409 Bay City Rd	Residential	0.31	0.21	68%
412 Longview St	Residential	0.19	0.13	68%
1602 Maryland St	Residential	0.17	0.11	68%
801 Mill St	Residential	0.28	0.19	68%
301 Longview St	Residential	0.22	0.15	68%
1514 Eastlawn Dr	Residential	0.26	0.18	68%
1501 E Haley St	Residential	0.20	0.14	68%
1016 E Carpenter St	Residential	0.25	0.17	68%
1506 & 1508 Carolina St	Residential	0.25	0.17	68%
218 Eastlawn Dr	Residential	0.25	0.17	68%
300 Bradley Ct	Residential	0.25	0.17	68%
400 Eastlawn Dr	Residential	0.25	0.17	68%
401 E Hines St	Residential	0.25	0.17	68%
602 George St	Residential	0.25	0.17	68%
901 E Pine St	Residential	0.25	0.17	68%
902 E Carpenter St	Residential	0.25	0.17	68%
306 Walter Ct.	Residential	1.47	1.00	68%

**Table 4-5**  
**Available Open Area for Sampling Residential Properties**

Address	Property Type	Total Acreage	Acreage Available For Sampling	%
1405 Ohio St	Residential	0.19	0.13	68%
337 Longview St	Residential	0.19	0.13	68%
1001 Townsend St	Residential	0.22	0.15	68%
2700 Parsons Ct	Residential	0.22	0.15	68%
413 Cherry St	Residential	0.22	0.15	68%
604 E Haley St	Residential	0.22	0.15	68%
609 Walnut St	Residential	0.22	0.15	68%
1504 Eastlawn Dr	Residential	0.21	0.15	68%
1010 Haley St	Residential	0.19	0.13	68%
1013 Michigan St	Residential	0.19	0.13	68%
104 Bradley Ct	Residential	0.19	0.13	68%
1110 Fournie St	Residential	0.19	0.13	68%
1114 State St	Residential	0.19	0.13	68%
1115 Fournie St	Residential	0.19	0.13	68%
1116 Fournie St	Residential	0.19	0.13	68%
1116 Mill St	Residential	0.19	0.13	68%
1118 Haley St	Residential	0.19	0.13	68%
1209 Michigan St	Residential	0.19	0.13	68%
121 Bradley Ct	Residential	0.19	0.13	68%
1221 Michigan St	Residential	0.19	0.13	68%
124 Bradley Ct	Residential	0.19	0.13	68%
1301 Franklin St	Residential	0.19	0.13	68%
1304 Carolina St	Residential	0.19	0.13	68%
1306 State St	Residential	0.19	0.13	68%
1308 Mill St	Residential	0.19	0.13	68%
1309 Lincoln St	Residential	0.19	0.13	68%
1312 Carolina St	Residential	0.19	0.13	68%
1313 Lincoln St	Residential	0.19	0.13	68%
1316 Carolina St	Residential	0.19	0.13	68%
1401 Lincoln St	Residential	0.19	0.13	68%
1407 Haley St	Residential	0.19	0.13	68%
1413 Iowa St	Residential	0.19	0.13	68%
1414 Lincoln St	Residential	0.19	0.13	68%
1419 Colorado St	Residential	0.19	0.13	68%
1419 Fournie St	Residential	0.19	0.13	68%
1423 Fournie St	Residential	0.19	0.13	68%
1501 Iowa St	Residential	0.19	0.13	68%
1505 Iowa St	Residential	0.19	0.13	68%
1602 Mill St	Residential	0.19	0.13	68%
1607 Haley St	Residential	0.19	0.13	68%
210 Arbury Pl	Residential	0.19	0.13	68%
210 E Haley St	Residential	0.19	0.13	68%
2114 Jefferson Ave	Residential	0.19	0.13	68%
409 E Grove St	Residential	0.19	0.13	68%

**Table 4-5**  
**Available Open Area for Sampling Residential Properties**

Address	Property Type	Total Acreage	Acreage Available For Sampling	%
409 E Hines St	Residential	0.19	0.13	68%
414 E Grove St	Residential	0.19	0.13	68%
615 E Grove St	Residential	0.19	0.13	68%
616 Reardon Ct	Residential	0.19	0.13	68%
701 E Pine St	Residential	0.19	0.13	68%
702 E Union St	Residential	0.19	0.13	68%
705 E Pine St	Residential	0.19	0.13	68%
806 Mill St	Residential	0.19	0.13	68%
811 Fournie St	Residential	0.19	0.13	68%
907 North St	Residential	0.19	0.13	68%
2106 Kentucky St	Residential	0.17	0.11	69%
1117 North St	Residential	0.16	0.11	69%
2024 Jefferson Ave	Residential	0.16	0.11	69%
2315 Cleveland Ave	Residential	0.16	0.11	69%
401 E Haley St	Residential	0.16	0.11	69%
414 E Haley St	Residential	0.16	0.11	69%
615 Townsend St	Residential	0.16	0.11	69%
1508 Eastlawn Dr	Residential	0.19	0.13	69%
1403 & 1405 Carolina St	Residential	0.29	0.20	69%
2102 Bayliss St	Residential	0.29	0.20	69%
1419 E Haley St	Residential	0.18	0.12	69%
1310 Bayliss St	Residential	0.13	0.09	69%
1314 Bayliss St	Residential	0.13	0.09	69%
1614 State St	Residential	0.26	0.18	69%
502 E Grove St	Residential	0.26	0.18	69%
506 Walnut St	Residential	0.26	0.18	69%
510 Mill St	Residential	0.13	0.09	69%
704 North St	Residential	0.26	0.18	69%
705 George St	Residential	0.26	0.18	69%
706 Walnut St	Residential	0.26	0.18	69%
1307 E Haley St	Residential	0.14	0.10	69%
1012 Scott St	Residential	0.36	0.25	69%
1514 Maryland St	Residential	0.18	0.12	69%
615 Reardon Ct	Residential	0.23	0.16	70%
702 Rodd St	Residential	0.23	0.16	70%
312 Longview St	Residential	0.19	0.13	70%
332 Longview St	Residential	0.19	0.13	70%
2114 Tennessee St	Residential	0.17	0.12	70%
305 E Reardon St - DU B	Residential Like	1.56	1.09	70%
114 Eastlawn Dr	Residential	0.30	0.21	70%
1410 & 1412 Carolina St	Residential	0.30	0.21	70%
1302 Fournie St	Residential	0.20	0.14	70%
1309 State St	Residential	0.20	0.14	70%
1310 E Haley St	Residential	0.20	0.14	70%

**Table 4-5**  
**Available Open Area for Sampling Residential Properties**

Address	Property Type	Total Acreage	Acreage Available For Sampling	%
1418 Jefferson Ave	Residential	0.20	0.14	70%
1502 State St	Residential	0.20	0.14	70%
1509 Colorado St	Residential	0.20	0.14	70%
201 Bradley Ct	Residential	0.20	0.14	70%
214 Bradley Ct	Residential	0.20	0.14	70%
217 Arbury Pl	Residential	0.20	0.14	70%
300 Eastlawn Dr	Residential	0.20	0.14	70%
510 E Haley St	Residential	0.20	0.14	70%
605 E Haley St	Residential	0.20	0.14	70%
609 E Haley St	Residential	0.20	0.14	70%
709 E Haley St	Residential	0.20	0.14	70%
717 Maple St	Residential	0.20	0.14	70%
719 Fournie St	Residential	0.20	0.14	70%
805 E Haley St	Residential	0.20	0.14	70%
308 Longview St	Residential	0.19	0.14	70%
2417 Bay City Rd	Residential	0.37	0.26	70%
606 Cherry St	Residential	0.37	0.26	70%
1314 Maryland St	Residential	0.17	0.12	70%
1109 Scott St	Residential	0.27	0.19	70%
1304 George St	Residential	0.27	0.19	70%
1308 & 1310 George St	Residential	0.27	0.19	70%
1312 & 1314 George St	Residential	0.27	0.19	70%
1315 Mill St	Residential	0.27	0.19	70%
1501 Maryland St	Residential	0.18	0.13	71%
1005 Townsend St	Residential	0.17	0.12	71%
1009 Townsend St	Residential	0.17	0.12	71%
110 Bradley Ct	Residential	0.17	0.12	71%
116 E Haley St	Residential	0.17	0.12	71%
119 Arbury Pl	Residential	0.17	0.12	71%
1314 Jefferson Ave	Residential	0.17	0.12	71%
1314 Lincoln St	Residential	0.17	0.12	71%
2425 Bay City Rd	Residential	0.34	0.24	71%
606 Mill St	Residential	0.17	0.12	71%
612 E Grove St	Residential	0.17	0.12	71%
613 Haley St	Residential	0.17	0.12	71%
618 Reardon Ct	Residential	0.17	0.12	71%
1418 Lincoln St	Residential	0.24	0.17	71%
1510 E Haley St	Residential	0.24	0.17	71%
616 Rodd St	Residential	0.24	0.17	71%
702 State St	Residential	0.24	0.17	71%
705 E Haley St	Residential	0.24	0.17	71%
2110 Carolina St	Residential	0.17	0.12	71%
1402 & 1404 Carolina St	Residential	0.31	0.22	71%
2201 Tennessee St	Residential	0.15	0.11	71%

**Table 4-5**  
**Available Open Area for Sampling Residential Properties**

Address	Property Type	Total Acreage	Acreage Available For Sampling	%
2102 Virginia St	Residential	0.18	0.13	71%
428 Lemke St	Residential	0.29	0.21	71%
1601 E Haley St	Residential	0.17	0.12	71%
2212 Virginia St	Residential	0.18	0.13	71%
1104 Scott St	Residential	0.28	0.20	71%
1112 George St	Residential	0.42	0.30	71%
1113 State St	Residential	0.21	0.15	71%
1413 Mill St	Residential	0.21	0.15	71%
1514 Colorado St	Residential	0.21	0.15	71%
1614 Haley St	Residential	0.28	0.20	71%
214 E Haley St	Residential	0.21	0.15	71%
214 Eastlawn Dr	Residential	0.21	0.15	71%
220 E Haley St	Residential	0.21	0.15	71%
322 E Haley St	Residential	0.21	0.15	71%
415 E Indian St	Residential	0.42	0.30	71%
510 Maple St	Residential	0.21	0.15	71%
602 State St	Residential	0.28	0.20	71%
714 Maple St	Residential	0.21	0.15	71%
718 Maple St	Residential	0.21	0.15	71%
719 Maple St	Residential	0.21	0.15	71%
2204 Virginia St	Residential	0.18	0.13	71%
2008 Wisconsin St - DU D	Residential	0.70	0.50	72%
1317 E Haley St	Residential	0.17	0.12	72%
2103 Carolina St	Residential	0.18	0.13	72%
1605 Swede Ave	Residential	0.39	0.28	72%
1401 Fournie St	Residential	0.25	0.18	72%
312 Eastlawn Dr	Residential	0.25	0.18	72%
510 Walnut St	Residential	0.25	0.18	72%
615 Cronkright St	Residential	0.25	0.18	72%
715 Mill St	Residential	0.25	0.18	72%
815 E Carpenter St	Residential	0.25	0.18	72%
916 North St	Residential	0.25	0.18	72%
705 Walnut St	Residential	0.43	0.31	72%
425 Lemke St	Residential	0.27	0.19	72%
1106 Rodd St	Residential	0.21	0.15	72%
1417 Ohio St	Residential	0.18	0.13	72%
1002 Rodd St	Residential	0.18	0.13	72%
1301 Haley St	Residential	0.18	0.13	72%
1307 Haley St	Residential	0.18	0.13	72%
1502 Jefferson Ave	Residential	0.18	0.13	72%
209 Arbury Pl	Residential	0.18	0.13	72%
217 E Haley St	Residential	0.18	0.13	72%
224 Arbury Pl	Residential	0.18	0.13	72%
303 Bradley Ct	Residential	0.18	0.13	72%

**Table 4-5**  
**Available Open Area for Sampling Residential Properties**

Address	Property Type	Total Acreage	Acreage Available For Sampling	%
307 Bradley Ct	Residential	0.18	0.13	72%
311 Bradley Ct	Residential	0.18	0.13	72%
505 E Pine St	Residential	0.18	0.13	72%
515 George St	Residential	0.18	0.13	72%
711 E Carpenter St	Residential	0.18	0.13	72%
805 E Carpenter St	Residential	0.18	0.13	72%
806 E Carpenter St	Residential	0.18	0.13	72%
806 State St	Residential	0.18	0.13	72%
820 State St	Residential	0.18	0.13	72%
911 E Carpenter St	Residential	0.18	0.13	72%
912 E Carpenter St	Residential	0.18	0.13	72%
2734 Bay City Rd	Residential	0.33	0.24	72%
2116 Bayliss St	Residential	0.29	0.21	72%
700 & 702 E Haley St	Residential	0.29	0.21	72%
715 North St	Residential	0.29	0.21	72%
3115 Beech St	Residential	0.29	0.21	73%
2008 Wisconsin St - DU E	Residential	1.07	0.77	73%
1415 Maryland St	Residential	0.19	0.14	73%
700 Maple St	Residential	0.33	0.24	73%
1220 Michigan St	Residential	0.44	0.32	73%
1318 E Haley St	Residential	0.22	0.16	73%
1602 State St	Residential	0.22	0.16	73%
205 Bradley Ct	Residential	0.22	0.16	73%
2513 Parsons Ct	Residential	0.44	0.32	73%
709 North St	Residential	0.22	0.16	73%
1517 Ohio St	Residential	0.19	0.14	73%
2302 Virginia St	Residential	0.20	0.14	73%
1610 Eastlawn Dr	Residential	0.22	0.16	73%
615 George St	Residential	0.26	0.19	73%
706 Cronkright St	Residential Like	0.67	0.49	73%
1506 Ohio St	Residential	0.19	0.14	73%
2107 Carolina St	Residential	0.18	0.13	73%
1032 Scott St	Residential	0.30	0.22	73%
1320 Carolina St	Residential	0.30	0.22	73%
2314 Jefferson Ave	Residential	0.15	0.11	73%
314 Kent Ct	Residential	0.15	0.11	73%
512 George St	Residential	0.15	0.11	73%
516 George St	Residential	0.15	0.11	73%
614 Maple St	Residential	0.30	0.22	73%
706 E Indian St	Residential	0.15	0.11	73%
815 E Pine St	Residential	0.30	0.22	73%
316 Longview St	Residential	0.19	0.14	73%
1600 Eastlawn Dr	Residential	0.19	0.14	73%
1310 Maryland St	Residential	0.17	0.12	73%

**Table 4-5**  
**Available Open Area for Sampling Residential Properties**

Address	Property Type	Total Acreage	Acreage Available For Sampling	%
2213 Tennessee St	Residential	0.17	0.12	74%
1001 Fournie St	Residential	0.19	0.14	74%
1005 Michigan St	Residential	0.19	0.14	74%
1005 Mill St	Residential	0.19	0.14	74%
1007 E Carpenter St	Residential Like	0.19	0.14	74%
1007 Haley St	Residential	0.19	0.14	74%
1009 Michigan St	Residential	0.19	0.14	74%
1017 Michigan St	Residential	0.19	0.14	74%
1110 State St	Residential	0.19	0.14	74%
1113 Michigan St	Residential	0.19	0.14	74%
1117 Michigan St	Residential	0.19	0.14	74%
1119 Franklin St	Residential	0.19	0.14	74%
1120 State St	Residential	0.19	0.14	74%
1204 E Haley St	Residential	0.19	0.14	74%
121 Arbury Pl	Residential	0.19	0.14	74%
1229 Michigan St	Residential	0.19	0.14	74%
1301 Michigan St	Residential	0.19	0.14	74%
1306 Fournie St	Residential	0.19	0.14	74%
1311 Fournie St	Residential	0.19	0.14	74%
1409 Lincoln St	Residential	0.19	0.14	74%
1410 Lincoln St	Residential	0.19	0.14	74%
1411 Fournie St	Residential	0.19	0.14	74%
1413 Jefferson Ave	Residential	0.19	0.14	74%
1415 Fournie St	Residential	0.19	0.14	74%
1416 Mill St	Residential	0.19	0.14	74%
1601 Haley St	Residential	0.19	0.14	74%
1602 Haley St	Residential	0.19	0.14	74%
2011 Cleveland Ave	Residential	0.19	0.14	74%
206 E Haley St	Residential	0.19	0.14	74%
301 Arbury Pl	Residential	0.19	0.14	74%
309 E Haley St	Residential	0.19	0.14	74%
309 E Pine St	Residential	0.19	0.14	74%
506 Cronkright St	Residential	0.19	0.14	74%
604 George St	Residential	0.19	0.14	74%
702 E Pine St	Residential	0.19	0.14	74%
711 Fournie St	Residential	0.19	0.14	74%
712 Haley St	Residential	0.19	0.14	74%
806 Haley St	Residential	0.19	0.14	74%
807 E Grove St	Residential	0.19	0.14	74%
812 Mill St	Residential	0.19	0.14	74%
817 Mill St	Residential	0.19	0.14	74%
905 E Carpenter St	Residential	0.19	0.14	74%
3111 Beech St	Residential	0.21	0.15	74%
1307 Jefferson Ave	Residential	0.23	0.17	74%

**Table 4-5**  
**Available Open Area for Sampling Residential Properties**

Address	Property Type	Total Acreage	Acreage Available For Sampling	%
1311 Carolina St	Residential	0.23	0.17	74%
1409 State St	Residential	0.23	0.17	74%
1413 State St	Residential	0.23	0.17	74%
1420 Fournie St	Residential	0.23	0.17	74%
1506 E Haley St	Residential	0.23	0.17	74%
426 Walter Ct	Residential	0.23	0.17	74%
802 E Carpenter St	Residential	0.23	0.17	74%
916 E Carpenter St	Residential	0.23	0.17	74%
1401 E Haley St	Residential	0.18	0.13	74%
1033 Scott St	Residential	0.27	0.20	74%
1316 & 1318 George St	Residential	0.27	0.20	74%
1316 State St	Residential	0.27	0.20	74%
2314 Cleveland Ave	Residential	0.27	0.20	74%
701 E Haley St	Residential	0.27	0.20	74%
2113 Tennessee St	Residential	0.17	0.12	74%
2214 Carolina St	Residential	0.17	0.12	74%
2118 Carolina St	Residential	0.17	0.12	74%
1000 Michigan St	Residential	0.31	0.23	74%
1605 Iowa St	Residential	0.31	0.23	74%
1418 E Haley St	Residential	0.39	0.29	74%
1417 Maryland St	Residential	0.18	0.14	74%
413 Longview St	Residential	0.19	0.14	75%
2109 Kentucky St	Residential	0.17	0.12	75%
1418 Ohio St	Residential	0.18	0.14	75%
1036 Scott St	Residential	0.28	0.21	75%
1108 Scott St	Residential	0.28	0.21	75%
1111 Fournie St	Residential	0.20	0.15	75%
1115 North St	Residential	0.40	0.30	75%
1315 Fournie St	Residential	0.28	0.21	75%
1323 Carolina St	Residential	0.28	0.21	75%
1609 State St	Residential	0.20	0.15	75%
201 Arbury Pl	Residential	0.20	0.15	75%
210 Bradley Ct	Residential	0.20	0.15	75%
213 Arbury Pl	Residential	0.20	0.15	75%
213 Bradley Ct	Residential	0.20	0.15	75%
215 Arbury Pl	Residential	0.20	0.15	75%
217 Bradley Ct	Residential	0.20	0.15	75%
2214 Jefferson Ave	Residential	0.20	0.15	75%
2306 Cleveland Ave	Residential	0.20	0.15	75%
304 Eastlawn Dr	Residential	0.20	0.15	75%
312 Bradley Ct	Residential	0.20	0.15	75%
317 Arbury Pl	Residential	0.20	0.15	75%
401 E Pine St	Residential	0.40	0.30	75%
511 Maple St	Residential	0.20	0.15	75%

**Table 4-5**  
**Available Open Area for Sampling Residential Properties**

Address	Property Type	Total Acreage	Acreage Available For Sampling	%
514 E Haley St	Residential	0.20	0.15	75%
607 E Haley St	Residential	0.20	0.15	75%
616 Townsend St	Residential	0.20	0.15	75%
809 E Haley St	Residential	0.20	0.15	75%
115 E Haley St	Residential	0.24	0.18	75%
1300 George St	Residential	0.32	0.24	75%
1306 Franklin St	Residential	0.24	0.18	75%
1505 State St	Residential	0.24	0.18	75%
1606 Mill St	Residential	0.16	0.12	75%
201 E Patrick Rd	Residential	0.24	0.18	75%
2318 Jefferson Ave	Residential	0.32	0.24	75%
409 State St	Residential	0.08	0.06	75%
515 E Buttles St	Residential Like	0.16	0.12	75%
602 Walnut St	Residential	0.24	0.18	75%
616 Cronkright St	Residential	0.24	0.18	75%
616 E Pine St	Residential	0.16	0.12	75%
621 Reardon Ct	Residential	0.32	0.24	75%
708 North St	Residential	0.32	0.24	75%
709 E Grove St	Residential	0.16	0.12	75%
1505 Ohio St	Residential	0.20	0.15	75%
1409 Ohio St	Residential	0.19	0.14	76%
1029 Scott St	Residential	0.33	0.25	76%
1513 Swede Ave	Residential	0.33	0.25	76%
2924 Bay City Rd	Residential	0.29	0.22	76%
1501 Ohio St	Residential	0.20	0.15	76%
116 Arbury Pl	Residential	0.29	0.22	76%
1300 E Haley St	Residential	0.29	0.22	76%
1407 & 1409 Carolina St	Residential	0.29	0.22	76%
802 Mill St	Residential	0.29	0.22	76%
1502 Ohio St	Residential	0.18	0.14	76%
2210 Tennessee St	Residential	0.17	0.13	76%
1413 Ohio St	Residential	0.21	0.16	76%
115 E Patrick Rd	Residential	0.25	0.19	76%
2012 Cleveland Ave	Residential	0.25	0.19	76%
406 Eastlawn Dr	Residential	0.25	0.19	76%
502 State St	Residential	0.50	0.38	76%
605 Cherry St	Residential	0.50	0.38	76%
701 Townsend St	Residential	0.25	0.19	76%
2305 Virginia St	Residential	0.18	0.14	76%
315 Waldo Ave	Residential	0.20	0.15	76%
2006 Jefferson Ave	Residential	0.21	0.16	76%
308 E Haley St	Residential	0.21	0.16	76%
612 Haley St	Residential	0.21	0.16	76%
803 Fournie St	Residential	0.21	0.16	76%

**Table 4-5**  
**Available Open Area for Sampling Residential Properties**

Address	Property Type	Total Acreage	Acreage Available For Sampling	%
2109 Tennessee St	Residential	0.17	0.13	76%
1205 E Haley St	Residential	0.17	0.13	76%
1011 E Grove St	Residential	0.17	0.13	76%
108 E Haley St	Residential	0.17	0.13	76%
113 Arbury Pl	Residential	0.17	0.13	76%
113 Bradley Ct	Residential	0.17	0.13	76%
114 Bradley Ct	Residential	0.17	0.13	76%
1318 Jefferson Ave	Residential	0.17	0.13	76%
1417 Mill St	Residential	0.17	0.13	76%
416 Cronkright St	Residential	0.17	0.13	76%
502 Eastlawn Dr	Residential	0.34	0.26	76%
602 Haley St	Residential	0.17	0.13	76%
609 E Buttles St	Residential	0.17	0.13	76%
613 Fournie St	Residential	0.17	0.13	76%
704 E Grove St	Residential	0.17	0.13	76%
808 E Grove St	Residential	0.17	0.13	76%
812 E Grove St	Residential	0.17	0.13	76%
914 E Grove St	Residential	0.17	0.13	76%
915 E Grove St	Residential	0.17	0.13	76%
915 E Indian St	Residential	0.17	0.13	76%
916 E Grove St	Residential	0.17	0.13	76%
1614 Eastlawn Dr	Residential	0.21	0.16	77%
1506 Maryland St	Residential	0.18	0.14	77%
2301 Virginia St	Residential	0.20	0.15	77%
2221 Carolina St	Residential	0.20	0.15	77%
1414 Eastlawn Dr	Residential	0.23	0.18	77%
1001 Michigan St	Residential	0.30	0.23	77%
1513 Iowa St	Residential	0.30	0.23	77%
1407 E Haley St	Residential	0.17	0.13	77%
1306 Bayliss St	Residential	0.13	0.10	77%
1308 Bayliss St	Residential	0.13	0.10	77%
1316 Bayliss St	Residential	0.13	0.10	77%
418 Maple St	Residential	0.26	0.20	77%
605 State St	Residential	0.13	0.10	77%
616 State St	Residential	0.26	0.20	77%
2011 Swede Ave	Residential	0.17	0.13	77%
2101 Kentucky St	Residential	0.19	0.15	77%
410, 412, 414, and 416 Sam St	Residential	0.57	0.44	77%
1605 State St	Residential	0.22	0.17	77%
207 E Haley St	Residential	0.22	0.17	77%
209 Bradley Ct	Residential	0.22	0.17	77%
325 Walter Ct	Residential	0.22	0.17	77%
401 Walter Ct	Residential	0.22	0.17	77%
715 State St	Residential	0.22	0.17	77%

**Table 4-5**  
**Available Open Area for Sampling Residential Properties**

Address	Property Type	Total Acreage	Acreage Available For Sampling	%
313 Longview St	Residential	0.19	0.15	77%
421 Longview St	Residential	0.19	0.15	77%
1502 Maryland St	Residential	0.20	0.16	78%
1401 Ohio St	Residential	0.19	0.14	78%
2009 Carolina St	Residential	0.18	0.14	78%
616 E Grove St	Residential	0.27	0.21	78%
1009 E Carpenter St	Residential	0.18	0.14	78%
1117 Haley St	Residential	0.18	0.14	78%
1315 Jefferson Ave	Residential	0.18	0.14	78%
1607 Mill St	Residential	0.18	0.14	78%
215 E Haley St	Residential	0.18	0.14	78%
314 Arbury Pl	Residential	0.18	0.14	78%
401 Arbury Pl	Residential	0.18	0.14	78%
610 State St	Residential	0.18	0.14	78%
615 E Indian St	Residential	0.18	0.14	78%
805 Haley St	Residential	0.18	0.14	78%
811 Haley St	Residential	0.18	0.14	78%
819 Haley St	Residential	0.18	0.14	78%
2804 Parsons Ct - DU A	Residential	0.24	0.19	78%
1408 Eastlawn Dr	Residential	0.21	0.16	78%
2311 Carolina St	Residential	0.18	0.14	78%
1313 Ohio St	Residential	0.19	0.14	78%
1317 Ohio St	Residential	0.19	0.14	78%
2214 Virginia St	Residential	0.18	0.14	78%
1112 Scott St	Residential	0.32	0.25	78%
2302 Cleveland Ave	Residential	0.32	0.25	78%
2014 Carolina St	Residential	0.17	0.13	78%
1402 Jefferson Ave	Residential	0.23	0.18	78%
1402 State St	Residential	0.23	0.18	78%
1501 State St	Residential	0.23	0.18	78%
1507 E Patrick Rd	Residential	0.23	0.18	78%
1601 State St	Residential	0.23	0.18	78%
1209 E Haley St	Residential	0.17	0.13	78%
2210 Carolina St	Residential	0.17	0.13	78%
1610 E Haley St	Residential	0.51	0.40	78%
405 Longview St	Residential	0.19	0.15	79%
1316 Fournie St	Residential	0.28	0.22	79%
1618 Haley St	Residential	0.28	0.22	79%
1309 Ohio St	Residential	0.19	0.15	79%
1509 Ohio St	Residential	0.20	0.16	79%
1601 Ohio St	Residential	0.19	0.15	79%
317 Longview St	Residential	0.16	0.13	79%
1306 E Haley St	Residential	0.33	0.26	79%
1401 Michigan St	Residential	0.33	0.26	79%

**Table 4-5**  
**Available Open Area for Sampling Residential Properties**

Address	Property Type	Total Acreage	Acreage Available For Sampling	%
1402 Michigan St	Residential	0.33	0.26	79%
1613 Ohio St	Residential	0.19	0.15	79%
1101 Michigan St	Residential	0.19	0.15	79%
1105 E Carpenter St	Residential	0.19	0.15	79%
1115 Mill St	Residential	0.19	0.15	79%
1116 Franklin St	Residential	0.19	0.15	79%
1119 Fournie St	Residential	0.19	0.15	79%
1213 Michigan St	Residential	0.19	0.15	79%
1305 Michigan St	Residential	0.19	0.15	79%
1309 Mill St	Residential	0.19	0.15	79%
1405 Lincoln St	Residential	0.19	0.15	79%
1410 Haley St	Residential	0.19	0.15	79%
1419 Haley St	Residential	0.19	0.15	79%
1509 Iowa St	Residential	0.19	0.15	79%
2010 Jefferson Ave	Residential	0.19	0.15	79%
2017 Cleveland Ave	Residential	0.19	0.15	79%
2018 Jefferson Ave	Residential	0.19	0.15	79%
212 Arbury Pl	Residential	0.19	0.15	79%
305 Arbury Pl	Residential	0.19	0.15	79%
418 E Haley St	Residential	0.19	0.15	79%
706 Haley St	Residential	0.19	0.15	79%
710 E Pine St	Residential	0.19	0.15	79%
811 Mill St	Residential	0.19	0.15	79%
819 Fournie St	Residential	0.19	0.15	79%
1400 Eastlawn Dr	Residential	0.24	0.19	79%
1517 E Haley St	Residential	0.17	0.13	79%
2303 Carolina St	Residential	0.18	0.14	79%
2201 Carolina St	Residential	0.18	0.14	79%
1418 Maryland St	Residential	0.18	0.14	79%
1402 Fournie St	Residential	0.24	0.19	79%
501 E Grove St	Residential	0.24	0.19	79%
606 Walnut St	Residential	0.24	0.19	79%
702 Haley St	Residential	0.24	0.19	79%
410 E Nelson St - DU C	Residential Like	0.43	0.34	79%
401 Longview St	Residential	0.19	0.15	79%
1212 Michigan St	Residential	0.34	0.27	79%
2311 Cleveland Ave	Residential	0.34	0.27	79%
2013 Carolina St	Residential	0.18	0.14	79%
2505 Parsons Ct	Residential	0.44	0.35	80%
1510 Ohio St	Residential	0.19	0.15	80%
2119 Carolina St	Residential	0.18	0.14	80%
2308 Virginia St	Residential	0.18	0.14	80%
2114 Virginia St	Residential	0.18	0.15	80%
1501 Colorado St	Residential	0.20	0.16	80%

**Table 4-5**  
**Available Open Area for Sampling Residential Properties**

Address	Property Type	Total Acreage	Acreage Available For Sampling	%
1510 State St	Residential	0.20	0.16	80%
206 Bradley Ct	Residential	0.20	0.16	80%
207 Arbury Pl	Residential	0.20	0.16	80%
2310 Cleveland Ave	Residential	0.20	0.16	80%
309 Arbury Pl	Residential	0.20	0.16	80%
313 Arbury Pl	Residential	0.20	0.16	80%
409 Walter Ct	Residential	0.20	0.16	80%
513 E Haley St	Residential	0.20	0.16	80%
608 E Haley St	Residential	0.20	0.16	80%
820 Mill St	Residential	0.20	0.16	80%
1412 E Haley St	Residential	0.30	0.24	80%
1606 Jefferson Ave	Residential Like	0.15	0.12	80%
308 Bradley Ct	Residential	0.30	0.24	80%
1604 Eastlawn Dr	Residential	0.22	0.17	80%
2209 Swede Ave	Residential	0.25	0.20	80%
1500 Eastlawn Dr	Residential	0.21	0.17	80%
404 Lemke St	Residential	0.20	0.16	80%
1309 E Haley St	Residential	0.19	0.16	80%
2007 Bayliss St	Residential	0.41	0.33	80%
720 Haley St	Residential	0.41	0.33	80%
2306 Virginia St	Residential	0.18	0.15	81%
837 Waldo Ave	Residential	0.36	0.29	81%
1406 Maryland St - DU A	Residential	0.17	0.14	81%
1406 & 1408 Carolina St	Residential	0.31	0.25	81%
501 E Haley St	Residential	0.31	0.25	81%
1609 Ohio St	Residential	0.19	0.15	81%
1317 Jefferson Ave	Residential	0.26	0.21	81%
307 Walter Ct	Residential	0.26	0.21	81%
407 Sam St	Residential	0.52	0.42	81%
515 Townsend St	Residential	0.26	0.21	81%
615 Mill St	Residential	0.26	0.21	81%
714 Walnut St	Residential	0.26	0.21	81%
1414 Ohio St	Residential	0.19	0.16	81%
2202 Carolina St	Residential	0.17	0.13	81%
2312 Virginia St	Residential	0.19	0.15	81%
1412 Fournie St	Residential	0.42	0.34	81%
310 Kent Ct	Residential	0.21	0.17	81%
402 E Hines St	Residential	0.42	0.34	81%
514 Eastlawn Dr	Residential	0.21	0.17	81%
713 George St	Residential	0.21	0.17	81%
2120 Virginia St	Residential	0.18	0.15	81%
2216 Kentucky St	Residential	0.17	0.13	81%
2106 Tennessee St	Residential	0.17	0.13	81%
2212 Kentucky St	Residential	0.17	0.13	81%

**Table 4-5**  
**Available Open Area for Sampling Residential Properties**

Address	Property Type	Total Acreage	Acreage Available For Sampling	%
409 Longview St	Residential	0.19	0.16	81%
2719 Parsons Ct	Residential	0.48	0.39	81%
2014 Bayliss St	Residential	0.32	0.26	81%
328 Walter Ct	Residential	0.32	0.26	81%
405 E Haley St	Residential	0.16	0.13	81%
508 George St	Residential	0.16	0.13	81%
716 State St	Residential	0.32	0.26	81%
2218 Tennessee St	Residential	0.19	0.16	81%
2213 Carolina St	Residential	0.18	0.15	81%
341 Longview St	Residential	0.19	0.16	81%
2018 Cleveland Ave	Residential	0.27	0.22	81%
801 Haley St	Residential	0.27	0.22	81%
309 Longview St	Residential	0.19	0.16	81%
1509 E Haley St	Residential	0.18	0.14	82%
317 Waldo Ave	Residential	0.20	0.16	82%
304 Longview St	Residential	0.19	0.16	82%
1514 State St	Residential	0.22	0.18	82%
309 Walter Ct	Residential	0.22	0.18	82%
332 Kent Ct	Residential	0.22	0.18	82%
334 Sam St	Residential	0.44	0.36	82%
415 E Buttles St	Residential	0.22	0.18	82%
811 E Indian St	Residential	0.33	0.27	82%
1605 E Haley St	Residential	0.17	0.14	82%
209 E Patrick Rd	Residential	0.39	0.32	82%
406 E Haley St	Residential	0.39	0.32	82%
409 Waldo Ave	Residential	0.33	0.27	82%
120 Bradley Ct	Residential	0.17	0.14	82%
412 George St	Residential	0.17	0.14	82%
602 Mill St	Residential	0.17	0.14	82%
609 Fournie St	Residential	0.17	0.14	82%
613 E Buttles St	Residential	0.17	0.14	82%
615 Haley St	Residential	0.17	0.14	82%
909 E Indian St	Residential	0.17	0.14	82%
2711 Parsons Ct	Residential	0.50	0.41	82%
345 Dick St	Residential	0.63	0.52	83%
2502 Charles St	Residential	0.46	0.38	83%
312 Kent Ct	Residential	0.23	0.19	83%
322 Kent Ct	Residential	0.23	0.19	83%
424 Lemke St	Residential	0.27	0.23	83%
1614 Maryland St	Residential	0.17	0.14	83%
1324 Carolina St	Residential	0.29	0.24	83%
1418 Eastlawn Dr	Residential	0.22	0.18	83%
601 Cherry St	Residential	0.41	0.34	83%
2010 Virginia St	Residential	0.18	0.15	83%

**Table 4-5**  
**Available Open Area for Sampling Residential Properties**

Address	Property Type	Total Acreage	Acreage Available For Sampling	%
2218 Virginia St	Residential	0.20	0.16	83%
2801 Parsons Ct - DU A	Residential	0.39	0.33	83%
1410 Ohio St	Residential	0.19	0.16	83%
2209 Tennessee St	Residential	0.17	0.14	83%
340 Longview St	Residential	0.19	0.16	83%
1415 E Haley St	Residential	0.18	0.15	83%
1306 Haley St	Residential	0.18	0.15	83%
1609 Bayliss St	Residential	0.18	0.15	83%
2208 Bay City Rd	Residential	0.24	0.20	83%
301 E Haley St	Residential	0.18	0.15	83%
301 Walter Ct	Residential	0.24	0.20	83%
319 Walter Ct	Residential	0.18	0.15	83%
711 E Buttles St	Residential	0.12	0.10	83%
712 E Indian St	Residential	0.18	0.15	83%
712 Rodd St	Residential	0.18	0.15	83%
803 E Carpenter St	Residential	0.18	0.15	83%
815 Haley St	Residential	0.18	0.15	83%
906 E Carpenter St	Residential	0.18	0.15	83%
2201 Swede Ave	Residential	0.25	0.21	83%
3204 Bay City Rd	Residential	0.37	0.31	84%
1507 Maryland St	Residential	0.19	0.16	84%
1409 E Haley St	Residential	0.18	0.15	84%
505 E Carpenter St - DU C	Residential Like	0.68	0.57	84%
1402 E Haley St	Residential	0.31	0.26	84%
2209 Carolina St	Residential	0.18	0.15	84%
1519 Maryland St	Residential	0.19	0.16	84%
508 E Grove St	Residential	0.25	0.21	84%
1102 Michigan St	Residential	0.44	0.37	84%
337 Lemke St - DU A	Residential Like	1.71	1.44	84%
421 Lemke St	Residential	0.40	0.34	84%
1006 Mill St	Residential	0.19	0.16	84%
1007 Fournie St	Residential	0.19	0.16	84%
1009 E Pine St	Residential	0.19	0.16	84%
1205 Michigan St	Residential	0.19	0.16	84%
1217 Michigan St	Residential	0.19	0.16	84%
1225 Michigan St	Residential	0.19	0.16	84%
1307 Franklin St	Residential	0.19	0.16	84%
1307 Mill St	Residential	0.19	0.16	84%
1318 Lincoln St	Residential	0.19	0.16	84%
1415 Colorado St	Residential	0.19	0.16	84%
1415 Haley St	Residential	0.19	0.16	84%
1606 Haley St	Residential	0.19	0.16	84%
2016 Jefferson Ave	Residential	0.19	0.16	84%
2118 Jefferson Ave	Residential	0.19	0.16	84%

**Table 4-5**  
**Available Open Area for Sampling Residential Properties**

Address	Property Type	Total Acreage	Acreage Available For Sampling	%
2202 Jefferson Ave	Residential	0.19	0.16	84%
810 Haley St	Residential	0.19	0.16	84%
813 Fournie St	Residential	0.19	0.16	84%
2516 Parsons Ct	Residential	0.51	0.43	84%
833 Waldo Ave - DUA	Residential	0.29	0.24	84%
2206 Virginia St	Residential	0.18	0.15	84%
2600 Bay City Road- DUA	Residential	1.10	0.93	85%
1304 Bayliss St	Residential	0.13	0.11	85%
2710 Parsons Ct	Residential	0.52	0.44	85%
403 Townsend St	Residential	0.13	0.11	85%
419 Kent Ct	Residential	0.26	0.22	85%
1305 Ohio St	Residential	0.19	0.16	85%
2600 Charles St	Residential	0.46	0.39	85%
202 Bradley Ct	Residential	0.20	0.17	85%
505 E Haley St	Residential	0.20	0.17	85%
2706 Parsons Ct	Residential	0.54	0.46	85%
412 Kent Ct	Residential	0.27	0.23	85%
414 Walter Ct	Residential	0.27	0.23	85%
401 Waldo Ave	Residential	0.14	0.12	85%
710 Mill St	Residential	0.34	0.29	85%
301 Waldo Ave	Residential	0.44	0.38	85%
2504 Parsons Ct	Residential	0.76	0.65	86%
1314 Eastlawn Dr	Residential	0.19	0.16	86%
305 Waldo Ave	Residential	0.46	0.39	86%
1119 State St	Residential	0.21	0.18	86%
210 Eastlawn Dr	Residential	0.21	0.18	86%
311 Walter Ct	Residential	0.21	0.18	86%
319/321 Kent Ct	Residential	0.49	0.42	86%
615 Maple St	Residential	0.21	0.18	86%
710 Maple St	Residential	0.21	0.18	86%
722 Maple St	Residential	0.21	0.18	86%
801 E Haley St	Residential	0.21	0.18	86%
1318 Eastlawn Dr	Residential	0.26	0.22	86%
409 Kent Ct	Residential	0.43	0.37	86%
416 Kent Ct	Residential	0.43	0.37	86%
2805 Parsons Ct	Residential	0.59	0.51	86%
2304 Bay City Rd	Residential	0.94	0.81	86%
610 E Pine St	Residential	0.29	0.25	86%
2520 Charles St	Residential	0.44	0.38	86%
2604 Parsons Ct	Residential	0.22	0.19	86%
306 Kent Ct	Residential	0.22	0.19	86%
1513 Ohio St	Residential	0.20	0.17	86%
2020 Jefferson Ave	Residential	0.15	0.13	87%
413 Walter Ct	Residential	0.30	0.26	87%

**Table 4-5**  
**Available Open Area for Sampling Residential Properties**

Address	Property Type	Total Acreage	Acreage Available For Sampling	%
613 E Haley St	Residential	0.30	0.26	87%
2307 Carolina St	Residential	0.18	0.16	87%
3120 Bay City Rd - DU A	Residential	0.43	0.37	87%
2610 Parsons Ct	Residential	0.76	0.66	87%
301 Kent Ct	Residential	0.38	0.33	87%
2217 Carolina St	Residential	0.20	0.17	87%
416 Longview St	Residential	0.19	0.17	87%
424 Kent Ct	Residential	0.23	0.20	87%
415 E Patrick Rd	Residential	0.31	0.27	87%
2102 Tennessee St	Residential	0.19	0.17	87%
1013 E Pine St	Residential	0.24	0.21	88%
611 E Indian St	Residential Like	0.24	0.21	88%
2107 Virginia St	Residential	0.18	0.16	88%
2705 Parsons Ct	Residential	0.50	0.44	88%
321 Longview St	Residential	0.19	0.17	88%
504 Eastlawn Dr	Residential	0.25	0.22	88%
1510 Maryland St	Residential	0.18	0.16	88%
320 Sam St	Residential	0.42	0.37	88%
835 Waldo Ave	Residential	0.35	0.31	88%
1112 Franklin St	Residential	0.17	0.15	88%
315 Sam St	Residential	0.17	0.15	88%
610 Mill St	Residential	0.17	0.15	88%
816 E Grove St	Residential	0.17	0.15	88%
420 Lemke St - DU A	Residential	0.24	0.22	88%
419 Waldo Ave	Residential	0.67	0.60	88%
306 Arbury Pl	Residential	0.69	0.61	88%
424 Longview St	Residential	0.19	0.17	89%
2509 Parsons Ct	Residential	0.44	0.39	89%
2205 Tennessee St	Residential	0.17	0.15	89%
2312 Carolina St	Residential	0.21	0.18	89%
305 E Haley St	Residential	0.37	0.33	89%
404 Longview St	Residential	0.19	0.17	89%
420 Kent Ct	Residential	0.28	0.25	89%
417 Longview St	Residential	0.19	0.17	89%
2316 Bay City Rd	Residential	0.94	0.84	89%
409 Townsend St	Residential	0.19	0.17	89%
807 North St	Residential	0.19	0.17	89%
3212 Bay City Rd	Residential	0.42	0.37	89%
311 Waldo	Residential	0.45	0.41	90%
408 Walter Ct	Residential	0.48	0.43	90%
2207 Virginia St	Residential	0.18	0.16	90%
329 Longview St	Residential	0.19	0.17	90%
3204 Beech St	Residential	0.39	0.35	90%
3208 Beech St	Residential	0.42	0.37	90%

**Table 4-5**  
**Available Open Area for Sampling Residential Properties**

Address	Property Type	Total Acreage	Acreage Available For Sampling	%
2716 Parsons Ct	Residential	0.58	0.52	90%
120 E Haley St	Residential	0.20	0.18	90%
2002 Jefferson Ave	Residential	0.20	0.18	90%
2504 Bay City Rd	Residential	0.40	0.36	90%
332 Walter Ct	Residential	0.40	0.36	90%
516 Mill St	Residential	0.20	0.18	90%
1125 E Haley St	Residential	0.25	0.23	90%
2118 Tennessee St	Residential	0.17	0.15	90%
2106 Virginia St	Residential	0.18	0.16	90%
2404 Bay City Rd	Residential	0.93	0.84	90%
2412 Bay City Rd	Residential	0.93	0.84	90%
2420 Bay City Rd	Residential	0.52	0.47	90%
411 Sam St	Residential	0.52	0.47	90%
2410 Rodd St - DU B	Residential Like	1.02	0.92	90%
2017 Carolina St	Residential	0.18	0.16	90%
1203 E Carpenter	Residential	0.21	0.19	90%
239 Waldo Ave	Residential	0.45	0.41	91%
2217 Tennessee St	Residential	0.19	0.18	91%
2115 Swede Ave	Residential	0.17	0.15	91%
2311 Virginia St	Residential	0.20	0.18	91%
2614 Parsons Ct	Residential	0.76	0.69	91%
1102 Rodd St	Residential	0.17	0.15	91%
1301 Patrick Rd	Residential	0.33	0.30	91%
329 Walter Ct	Residential	0.22	0.20	91%
400 Sam St	Residential	0.44	0.40	91%
415 Townsend St	Residential	0.22	0.20	91%
415 Waldo Ave	Residential	0.67	0.61	91%
320 Walter Ct	Residential	0.34	0.31	91%
324 Walter Ct	Residential	0.34	0.31	91%
409 Lemke St	Residential	0.40	0.36	91%
2205 Carolina St	Residential	0.18	0.17	91%
502 Cronkright St	Residential	0.24	0.22	92%
410 Walter Ct	Residential	0.49	0.45	92%
1314 Ohio St	Residential	0.18	0.16	92%
1501 E Patrick Rd	Residential	0.37	0.34	92%
2021 Bay City Rd	Residential	0.25	0.23	92%
2215 Virginia St	Residential	0.18	0.17	92%
806 Fournie (Fieldhouse)	Residential Like	0.38	0.35	92%
305 E Reardon St - DU F	Residential Like	0.96	0.89	92%
327 Sam St	Residential	1.03	0.95	92%
420 Longview St	Residential	0.19	0.18	92%
2003 Swede Ave	Residential	0.17	0.15	92%
2115 Carolina St	Residential	0.18	0.17	92%
336 Dick St - DU A	Residential	0.35	0.33	93%

**Table 4-5**  
**Available Open Area for Sampling Residential Properties**

Address	Property Type	Total Acreage	Acreage Available For Sampling	%
305 E Reardon St - DU G	Residential Like	0.21	0.19	93%
325 Longview St	Residential	0.19	0.18	93%
321 Sam St	Residential	1.03	0.96	93%
305 E Reardon St - DU N	Residential Like	0.42	0.39	93%
316 Walter Ct	Residential	0.47	0.44	94%
307 Sam St	Residential	0.63	0.59	94%
400 Walter Ct	Residential	0.64	0.60	94%
323 Kent Ct	Residential	0.49	0.46	94%
1309 Maryland St	Residential	0.19	0.18	94%
2209 Virginia St	Residential	0.18	0.17	94%
505 Cherry St	Residential	0.50	0.47	94%
300 Longview St	Residential	0.22	0.21	94%
400 Kent Ct	Residential Like	0.68	0.64	94%
2602 Parsons Ct	Residential	0.54	0.51	94%
504 E Carpenter St	Residential	0.36	0.34	94%
1213 E Haley St	Residential	0.19	0.18	95%
3128 Bay City Rd - DU A	Residential	0.26	0.24	95%
315 E Patrick Rd	Residential	0.19	0.18	95%
315 Kent Ct	Residential	1.14	1.08	95%
1306 Ohio St	Residential	0.19	0.18	95%
1517 E Patrick Rd	Residential	0.21	0.20	95%
305 E Reardon St - DU I	Residential Like	0.28	0.27	95%
3205 Beech St	Residential	0.27	0.26	95%
410 E Nelson St - DUD	Residential Like	0.55	0.52	95%
1511 E Patrick Rd	Residential	0.22	0.21	95%
318 Kent Ct	Residential	0.22	0.21	95%
806 Fournie St	Residential Like	3.10	2.96	95%
2101 Tennessee St	Residential	0.19	0.18	95%
2607 Bay City Rd - DU G	Residential Like	0.68	0.65	96%
1421 Maryland St - DUD	Residential Like	0.94	0.90	96%
410 E Nelson St - DUL	Residential Like	1.03	0.99	96%
410 E Nelson St - DUG	Residential Like	1.22	1.17	96%
401 Sam St	Residential	1.04	1.00	96%
1110 E Carpenter St	Residential Like	0.55	0.53	96%
2014 Virginia St	Residential	0.18	0.17	96%
309 Waldo Ave	Residential	0.45	0.44	96%
305 E Reardon St - DU H	Residential Like	0.58	0.56	97%
2217 Virginia St	Residential	0.20	0.19	97%
1614 Ohio St	Residential	0.18	0.17	97%
333 Dick St	Residential	0.30	0.29	97%
321 Waldo Ave	Residential	0.28	0.27	97%
2020 Virginia St	Residential	0.18	0.18	97%
331 Kent Ct	Residential	0.97	0.94	97%
337 Lemke St - DUD	Residential Like	0.85	0.83	97%

**Table 4-5**  
**Available Open Area for Sampling Residential Properties**

Address	Property Type	Total Acreage	Acreage Available For Sampling	%
305 E Reardon St - DU L	Residential Like	1.36	1.32	97%
1109 E Pine St	Residential Like	2.08	2.02	97%
434 Lemke St	Residential	0.38	0.37	97%
311 E Patrick Rd	Residential	0.37	0.36	97%
2800 Parsons Ct - DU A	Residential	0.33	0.32	97%
337 Lemke St - DU I	Residential Like	0.13	0.13	98%
2220 Kentucky St	Residential	0.19	0.19	98%
327 Kent Ct	Residential	0.97	0.95	98%
410 E Nelson St - DU K	Residential Like	1.24	1.22	98%
2728 Bay City Rd	Residential	0.28	0.28	98%
305 E Reardon St - DU E	Residential Like	0.69	0.68	98%
305 E Reardon St - DU C	Residential Like	1.89	1.86	98%
2908 Bay City Rd	Residential	0.29	0.28	98%
320 Longview St	Residential Like	0.19	0.19	99%
2302 Carolina St	Residential	0.22	0.21	99%
337 Lemke St - DU B	Residential Like	0.64	0.63	99%
217 E Patrick Rd	Residential	1.89	1.87	99%
235 Waldo Ave	Residential	0.41	0.41	99%
410 E Nelson St - DU E	Residential Like	1.32	1.31	99%
2004 Carolina St	Residential	0.17	0.16	99%
305 E Reardon St - DU M	Residential Like	2.85	2.83	99%
3008 Bay City Rd	Residential	0.22	0.22	99%
337 Lemke St - DU H	Residential Like	1.18	1.17	99%
2916 Bay City Rd	Residential	0.29	0.29	99%
2013 Virginia St	Residential	0.28	0.28	100%
1421 Maryland St - DU B	Residential Like	0.91	0.90	100%
2607 Bay City Rd - DU B	Residential Like	1.28	1.28	100%
410 E Nelson St - DU J	Residential Like	0.98	0.97	100%
408 Lemke St - DU B	Residential	0.26	0.26	100%
2801 Parsons Ct - DU B	Residential	0.23	0.23	100%
2607 Bay City Rd - DU A	Residential Like	1.44	1.44	100%
305 E Reardon St - DU K	Residential Like	0.33	0.33	100%
410 E Nelson St - DU B	Residential Like	0.58	0.58	100%
1421 Maryland St - DU C	Residential Like	0.96	0.96	100%
412 Lemke St - DU B	Residential	0.26	0.26	100%
416 Lemke St - DU B	Residential	0.26	0.26	100%
3120 Bay City Rd - DU B	Residential	0.18	0.17	100%
2607 Bay City Rd - DU C	Residential Like	1.20	1.20	100%
1005 North St	Residential	0.19	0.19	100%
1010 E Grove St	Residential Like	1.31	1.31	100%
1109 State St - DU 2	Residential	0.12	0.12	100%
1110 Grove St	Residential Like	0.31	0.31	100%
1110 Pine St	Residential Like	1.20	1.20	100%
1400 Bayliss St	Residential	0.20	0.20	100%

**Table 4-5**  
**Available Open Area for Sampling Residential Properties**

Address	Property Type	Total Acreage	Acreage Available For Sampling	%
1407 Colorado St	Residential Like	0.06	0.06	100%
1419 Iowa St - DU 1	Residential Like	1.28	1.28	100%
1419 Iowa St - DU 2	Residential Like	1.26	1.26	100%
1419 Iowa St - DU 3	Residential Like	1.24	1.24	100%
1420 Bayliss St	Residential	0.38	0.38	100%
1503 E Patrick Rd	Residential	0.22	0.22	100%
1515 E Patrick Rd	Residential	0.20	0.20	100%
1517 Bayliss St - DU 1	Residential Like	0.53	0.53	100%
1517 Bayliss St - DU 2	Residential Like	0.78	0.78	100%
1610 Colorado St - DU 1	Residential	0.19	0.19	100%
206 Maple St	Residential	0.20	0.20	100%
2101 Bayliss St - DU A	Residential	0.97	0.97	100%
2101 Bayliss St - DU B	Residential	0.99	0.99	100%
2101 Bayliss St - DU C	Residential	0.94	0.94	100%
2101 Bayliss St - DU D	Residential	0.74	0.74	100%
2115 Virginia St - DU A	Residential Like	0.11	0.11	100%
214 Maple St	Residential	0.20	0.20	100%
218 Maple St	Residential Like	0.20	0.20	100%
2205 Jefferson Ave - DU A	Residential Like	0.26	0.26	100%
2205 Jefferson Ave - DU B1	Residential Like	0.17	0.17	100%
2205 Jefferson Ave - DU B2	Residential Like	0.13	0.13	100%
2205 Jefferson Ave - DU C	Residential Like	0.37	0.37	100%
2205 Jefferson Ave - DU D1	Residential Like	0.17	0.17	100%
2205 Jefferson Ave - DU D2	Residential Like	0.07	0.07	100%
2205 Jefferson Ave - DU E	Residential Like	0.16	0.16	100%
2205 Jefferson Ave - DU F	Residential Like	1.35	1.35	100%
2205 Jefferson Ave - DU G	Residential Like	0.07	0.07	100%
2205 Jefferson Ave - DU H	Residential Like	0.10	0.10	100%
2205 Jefferson Ave - DU I	Residential Like	0.32	0.32	100%
2205 Jefferson Ave - DU J	Residential Like	0.15	0.15	100%
2205 Jefferson Ave - DU K	Residential Like	0.08	0.08	100%
2205 Jefferson Ave - DU L	Residential Like	0.18	0.18	100%
2205 Jefferson Ave - DU M	Residential Like	0.20	0.20	100%
2205 Jefferson Ave - DU N	Residential Like	0.17	0.17	100%
2205 Jefferson Ave - DU O	Residential Like	0.06	0.06	100%
2205 Jefferson Ave - DU P	Residential Like	0.79	0.79	100%
2205 Jefferson Ave - DU Q	Residential Like	0.55	0.55	100%
2205 Jefferson Ave - DU R1	Residential Like	0.18	0.18	100%
2205 Jefferson Ave - DU R2	Residential Like	0.20	0.20	100%
2313 Swede Ave	Residential	0.24	0.24	100%
2504 Parsons Ct - DU A	Residential	0.40	0.40	100%
2600 Bay City Road-DUB	Residential	0.66	0.66	100%
2620 Bay City Rd-DUA	Residential	0.72	0.72	100%
2620 Bay City Rd-DUB	Residential	0.51	0.51	100%

**Table 4-5**  
**Available Open Area for Sampling Residential Properties**

Address	Property Type	Total Acreage	Acreage Available For Sampling	%
2704 Parsons Ct	Residential	0.25	0.25	100%
306 Maple St	Residential Like	0.20	0.20	100%
308 Arbury Pl	Residential	0.51	0.51	100%
309 Maple - DUA	Residential Like	0.88	0.88	100%
309 Maple - DUB	Residential Like	0.99	0.99	100%
309 Maple - DUC	Residential Like	0.93	0.93	100%
309 Sam St	Residential	0.39	0.39	100%
310 Sam St	Residential Like	0.14	0.14	100%
311 Sam St	Residential	0.70	0.70	100%
312 Maple St	Residential	0.20	0.20	100%
313 Bradley Ct - DU 1	Residential Like	0.51	0.51	100%
313 Bradley Ct - DU 2	Residential Like	0.09	0.09	100%
314 Maple St	Residential	0.20	0.20	100%
315 Kent Ct (Wooded DU)	Residential	0.18	0.18	100%
319/321 Kent Ct (Wooded DU)	Residential	0.28	0.28	100%
323 Kent Ct (Wooded DU)	Residential	0.26	0.26	100%
327 Kent Ct (Wooded DU)	Residential	0.30	0.30	100%
331 Kent Ct (Wooded DU)	Residential	0.50	0.50	100%
337 Lemke St - DU G	Residential Like	0.77	0.77	100%
351 Dick St	Residential	0.74	0.74	100%
400 Arbury Pl	Residential Like	0.51	0.51	100%
400 Maple St	Residential	0.17	0.17	100%
404 Sauve St - DUB	Residential	0.57	0.57	100%
407 Townsend St	Residential	0.11	0.11	100%
410 E Nelson St - DU N	Residential Like	0.86	0.86	100%
411 George St	Residential	0.17	0.17	100%
411 State St	Residential Like	0.08	0.08	100%
412 Cronkright St	Residential	0.17	0.17	100%
416 George St	Residential	0.17	0.17	100%
425 Walter Ct	Residential	0.48	0.48	100%
500 E Carpenter St	Residential	0.18	0.18	100%
501 E Buttles St	Residential	0.17	0.17	100%
502 E Carpenter St	Residential	0.18	0.18	100%
505 E Buttles St	Residential	0.17	0.17	100%
507 Townsend St	Residential	0.19	0.19	100%
509 E Buttles St	Residential	0.17	0.17	100%
612 E Indian St	Residential	0.17	0.17	100%
616 E Indian St	Residential	0.21	0.21	100%
701 E Buttles St	Residential	0.25	0.25	100%
702 E Indian St	Residential	0.12	0.12	100%
707 E Buttles St	Residential	0.12	0.12	100%
715 E Buttles St	Residential	0.17	0.17	100%
SE Corner of Reardon and George St	Residential Like	0.46	0.46	100%
410 E Nelson St - DU M	Residential Like	0.81	0.81	100%

**Table 4-5**  
**Available Open Area for Sampling Residential Properties**

Address	Property Type	Total Acreage	Acreage Available For Sampling	%
2607 Bay City Rd - DU F	Residential Like	1.21	1.21	100%
833 Waldo Ave - DU B	Residential	0.56	0.56	100%
420 Lemke St - DU B	Residential	0.21	0.21	100%
2800 Parsons Ct - DU B	Residential	0.46	0.46	100%
2824 Bay City Rd	Residential	0.29	0.29	100%
420 Dick St - DU C	Residential	0.71	0.71	100%
2804 Parsons Ct - DU B	Residential	0.20	0.20	100%
410 E Nelson St - DU I	Residential Like	1.94	1.94	100%
410 E Nelson St - DU A	Residential Like	0.70	0.70	100%
2607 Bay City Rd - DU E	Residential Like	0.75	0.75	100%
410 E Nelson St - DU H	Residential Like	1.32	1.32	100%
410 E Nelson St - DU O	Residential Like	0.88	0.88	100%
413 Lemke St	Residential	0.48	0.48	100%
1421 Maryland St - DU E	Residential Like	0.04	0.04	100%
3128 Bay City Rd - DU B	Residential	0.21	0.21	100%
1421 Maryland St - DU A	Residential Like	0.89	0.90	100%
337 Lemke St - DU F	Residential Like	0.81	0.81	100%
337 Lemke St - DU E	Residential Like	1.12	1.12	100%
2607 Bay City Rd - DU D	Residential Like	0.81	0.82	101%
1617 Maryland St	Residential	0.19	0.19	101%
1407 Maryland St	Residential	0.19	0.19	101%
410 E Nelson St - DU F	Residential Like	0.06	0.06	101%
305 E Reardon St - DU J	Residential Like	0.81	0.82	101%
328 Longview St	Residential	0.19	0.20	102%
3216 Bay City Rd - DU B	Residential	0.43	0.44	102%
336 Dick St - DU B	Residential	0.33	0.34	102%
2720 Parsons Ct	Residential	0.44	0.45	102%
2009 Virginia St	Residential	0.18	0.19	102%
2410 Rodd ST DU A	Residential Like	0.35	0.36	103%
2316 Virginia St	Residential	0.22	0.22	103%
2315 Carolina St	Residential	0.22	0.23	104%
2800 Bay City Rd	Residential	0.36	0.38	104%
420 Dick St - DU A	Residential	0.94	0.99	105%
1406 Maryland St - DU B	Residential	0.16	0.17	105%
2004 Virginia St	Residential	0.19	0.20	106%
3000 Bay City Rd	Residential	0.36	0.38	107%
3101 Beech St	Residential	0.20	0.21	107%
350 Dick St - DU B	Residential	0.68	0.73	107%
1202 E Haley St	Residential	0.26	0.28	108%
420 Dick St - DU B	Residential	0.73	0.80	109%
2708 Bay City Rd	Residential	0.87	0.96	110%
1617 Ohio St	Residential	0.19	0.21	110%
2115 Virginia St - DU B	Residential Like	0.73	0.81	111%
2316 Carolina St	Residential	0.21	0.23	111%

**Table 4-5**  
**Available Open Area for Sampling Residential Properties**

Address	Property Type	Total Acreage	Acreage Available For Sampling	%
807 Waldo Ave	Residential	0.63	0.71	113%
1115 North St - DU A	Residential	0.14	0.16	114%
1618 Ohio St	Residential	0.18	0.21	115%
2109 Swede Ave - DU B	Residential	0.17	0.19	115%
1128 E Haley St	Residential Like	0.20	0.23	115%
1129 E Haley St	Residential	0.19	0.23	119%
2315 Virginia St	Residential	0.20	0.25	123%
1205 E Carpenter	Residential Like	0.08	0.10	125%
1116 Rodd St	Residential Like	0.29	0.37	126%
350 Dick St - DU A	Residential	0.62	0.79	127%

Total Acreage - Total area of the parcel (Data from City of Midland)

Acreage Available - Total area able to sample (Total Acreage excluding permanent structures, concrete or asphalt paving, but includes outlaws which are owned by the City of Midland and not included in the total area of the parcel)

**Table 4-6**  
**Available Open Area for Sampling Non-Residential Properties**

Address	Property Type	Total Acreage	Acreage Available For Sampling	%
907 E Pine St	Non-Residential	0.71	0.004	1%
711 Haley St	Non-Residential	0.55	0.005	1%
803 State St	Non-Residential	0.21	0.002	1%
712 George St	Non-Residential	0.17	0.007	4%
1302 Bayliss St	Non-Residential	1.45	0.08	6%
815 State St	Non-Residential	1.69	0.10	6%
406 E Hines St	Non-Residential	0.28	0.02	7%
805 George St	Non-Residential	1.37	0.12	9%
706 Mill St	Non-Residential	0.11	0.01	9%
715 George St	Non-Residential	1.06	0.11	10%
402 George St	Non-Residential	0.17	0.02	12%
802 Townsend St	Non-Residential	0.34	0.04	12%
411 E Hines St	Non-Residential	0.81	0.10	12%
1607 E Patrick Rd	Non-Residential	0.23	0.03	13%
915 E Carpenter St	Non-Residential	1.02	0.17	17%
408 Rodd St	Non-Residential	0.55	0.10	18%
601 Mill St	Non-Residential	0.23	0.05	22%
1016 Haley St	Non-Residential	0.68	0.18	26%
701 Haley St	Non-Residential	0.29	0.08	28%
901 E Indian St	Non-Residential	0.17	0.05	29%
910 Eastlawn Dr	Non-Residential	0.56	0.17	30%
1113 E Carpenter St	Non-Residential	0.33	0.10	30%
502 Cherry St	Non-Residential	0.33	0.10	30%
1001 E Carpenter St	Non-Residential	3.82	1.30	34%
715 Haley St	Non-Residential	1.86	0.64	34%
2214 Wisconsin St	Non-Residential	0.19	0.08	42%
1006 E Carpenter St	Non-Residential	0.33	0.14	42%
1612 E Patrick Rd	Non-Residential	0.56	0.24	43%
309 Kent Ct	Non-Residential	0.28	0.13	46%
401 Kent Ct	Non-Residential	0.17	0.08	47%
1700 E Patrick Rd	Non-Residential	0.17	0.08	47%
709 Townsend St	Non-Residential	1.16	0.55	47%
414 Townsend St	Non-Residential	0.91	0.45	49%
715 Townsend St	Non-Residential	0.18	0.09	50%
1613 E Patrick Rd	Non-Residential	0.66	0.33	50%
816 E Haley St	Non-Residential	0.17	0.09	53%
800 Townsend St	Non-Residential	0.34	0.18	53%
502 Townsend St	Non-Residential	0.17	0.09	53%
712 Townsend St	Non-Residential	1.74	1.00	57%
409 E Butles St	Non-Residential	0.34	0.22	65%

**Table 4-6**  
**Available Open Area for Sampling Non-Residential Properties**

Address	Property Type	Total Acreage	Acreage Available For Sampling	%
803 & 809 Townsend St	Non-Residential	0.17	0.12	71%
501 George St	Non-Residential	0.33	0.24	73%
600 E Carpenter St	Non-Residential	0.55	0.40	73%
609 Mill St	Non-Residential	1.15	0.98	85%
3216 Bay City Rd - DU A	Non-Residential	0.11	0.10	91%
2505 Bay City Rd	Non-Residential	0.12	0.11	92%
309 E Indian St	Non-Residential	1.16	1.10	95%
614 Haley St	Non-Residential	6.14	5.96	97%
1510 Bayliss St	Non-Residential	0.39	0.41	105%
302 E Indian St	Non-Residential	0.94	1.50	160%

Total Acreage - Total area of the parcel (Data from City of Midland)

Acreage Available - Total area able to sample (Total Acreage excluding permanent structures, concrete or asphalt paving, but includes outlaws which are owned by the City of Midland and not included in the total area of the parcel)

## 5.0 Reporting and Schedule

The general schedule currently planned for the implementation of 2014 work is presented below. This schedule is subject to change based on progress of the field efforts which may be impacted by weather or other unexpected delays.

The 2014 Annual Report will be submitted to MDEQ for review by December 15, 2014.

Task	Begin	End
<b>2014 Phase I Activities</b>		
2014 Phase I Access Letters to Owners		9/27/2013
2014 Phase I Sampling	10/7/2013	11/11/2013
2014 Phase I Analytical Completed		3/15/2014
2014 Phase I Results to Owners	3/5/2014	4/1/2014
<b>2014 Phase IA Activities</b>		
2014 Phase IA Sampling		4/1/2014
2014 Phase IA Analytical Completed		4/15/2014
Dow and DEQ Review of 2014 Phase IA Results		5/1/2014
Evaluation of Boundary Complete		5/30/2014
2014 Phase III Boundary Confirmation Sampling Work Plan, if required		6/15/2014
<b>2014 Phase II Activities</b>		
2014 Phase II Access Letters to Owners	4/15/2014	
2014 Phase II Sampling	5/15/2014	6/15/2014
2014 Phase II Analytical Completed		8/1/2014
2014 Phase II Results to Owners		8/15/2014
<b>Reporting</b>		
2014 Annual Report		12/15/2014
Submit Revised SOW		12/15/2014
Submit Revised RI WP		12/15/2014
Submit Revised RI Final Report		12/15/2014
Submit RAP, or a schedule to provide a RAP		12/15/2014

## **6.0 References**

URS, 2012. Interim Response Activity Plan Designed to Meet Criteria. March 2012. Revised May 2012.

URS, 2013. 2013 Work Plan and Adaptive Management Report. February 2013. Revised May 2, 2013.