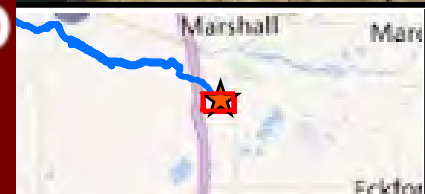


US EPA ARCHIVE DOCUMENT



LSR 2011 Poling Locations

- Sub Oil Category
- Heavy
 - Moderate
 - Light
 - None

LSR 2011 Delineation Boundaries

- Heavy
- Moderate
- Light
- None

- ★ Approximate Release Site
- ▲ River Quarter Mile Marker

**FOR OFFICIAL
USE ONLY**

300

Feet



Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS



Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

**LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012**



LSR 2011 Poling Locations
Sub Oil Category LSR 2011
Delineation Boundaries

● Heavy	■ Heavy	■ Light
● Moderate	■ Moderate	■ None
● Light		
● None		

★ Approximate Release Site
▲ River Quarter Mile Marker

**FOR OFFICIAL
USE ONLY**

300

Feet



Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS



Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

**LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012**

Map 2 of 49



LSR 2011 Poling Locations	
Sub Oil Category	LSR 2011 Delineation Boundaries
● Heavy	■ Heavy
● Moderate	■ Moderate
● Light	■ Light
● None	■ None
★ Approximate Release Site	
▲ River Quarter Mile Marker	

FOR OFFICIAL
USE ONLY

300

Feet



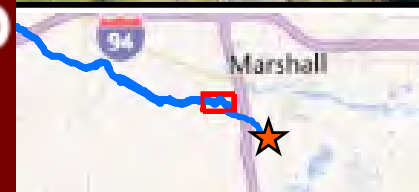
Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS



Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012

Map 3 of 49



LSR 2011 Poling Locations
Sub Oil Category LSR 2011
Delineation Boundaries

● Heavy	■ Heavy	■ Light
● Moderate	■ Moderate	■ None
● Light		
● None		

★ Approximate Release Site
▲ River Quarter Mile Marker

**FOR OFFICIAL
USE ONLY**

300
Feet

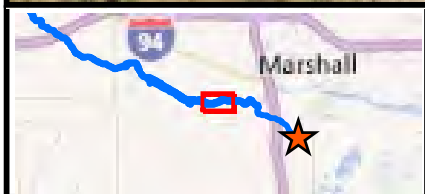
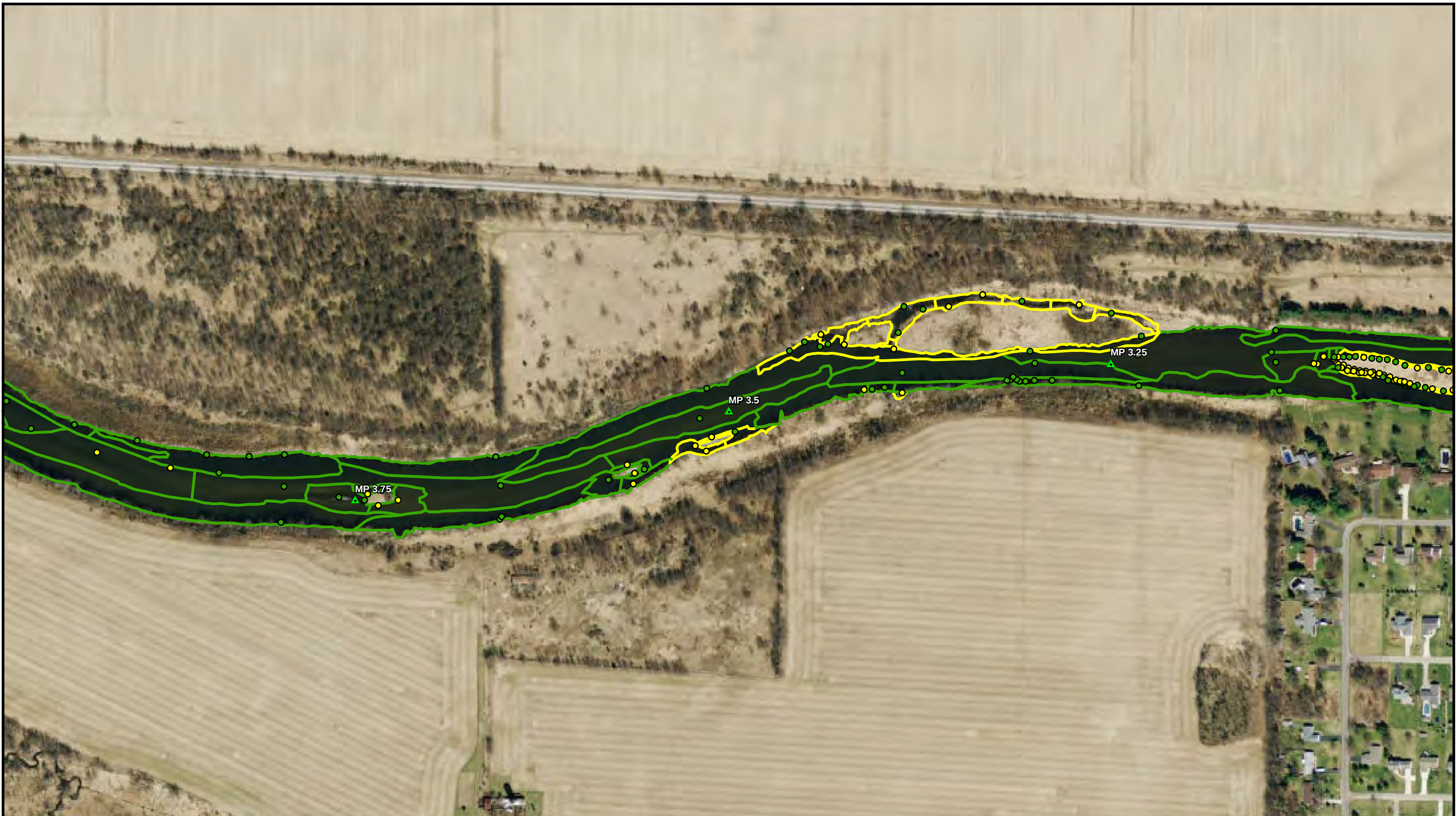


Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS



Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

**LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012**



LSR 2011 Poling Locations

Sub Oil Category	LSR 2011 Delineation Boundaries
● Heavy	■ Heavy
● Moderate	■ Moderate
● Light	■ None
● None	

★ Approximate Release Site
▲ River Quarter Mile Marker

**FOR OFFICIAL
USE ONLY**

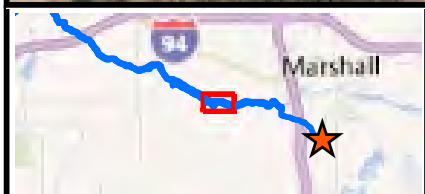
300
Feet

Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS

Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

**LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012**

Map 5 of 49



LSR 2011 Poling Locations

Sub Oil Category	LSR 2011 Delineation Boundaries	
● Heavy	Heavy	Light
● Moderate	Moderate	None
● Light		
● None		

★ Approximate Release Site
▲ River Quarter Mile Marker

**FOR OFFICIAL
USE ONLY**

300
Feet

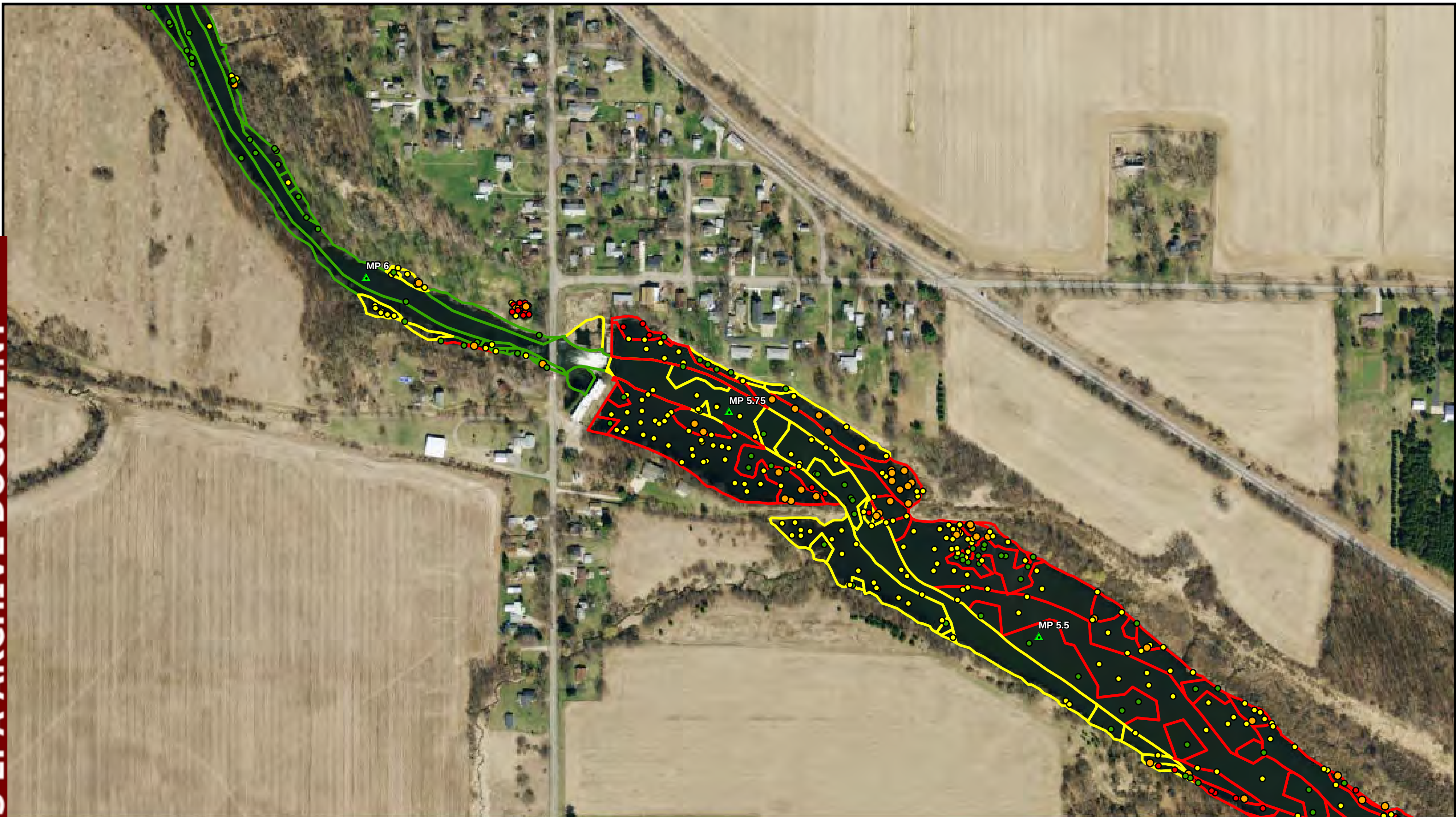


Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS



Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

**LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012**



LSR 2011 Poling Locations	
Sub Oil Category	LSR 2011 Delineation Boundaries
● Heavy	■ Heavy
● Moderate	■ Moderate
● Light	■ None
● None	
★ Approximate Release Site	
▲ River Quarter Mile Marker	

FOR OFFICIAL
USE ONLY

300



Feet



Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS



Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012

Map 8 of 49



LSR 2011 Poling Locations

Sub Oil Category

- Heavy
- Moderate
- Light
- None

LSR 2011 Delineation Boundaries

- Heavy
- Moderate
- Light
- None

★ Approximate Release Site

▲ River Quarter Mile Marker

**FOR OFFICIAL
USE ONLY**

300
Feet



Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS



Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

**LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012**



LSR 2011 Poling Locations
Sub Oil Category LSR 2011
Delineation Boundaries

● Heavy	■ Heavy	■ Light
● Moderate	■ Moderate	■ None
● Light		
● None		

★ Approximate Release Site
▲ River Quarter Mile Marker

**FOR OFFICIAL
USE ONLY**

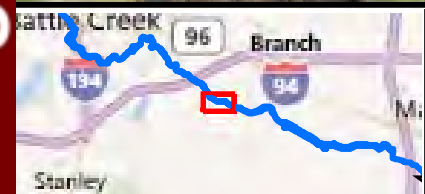
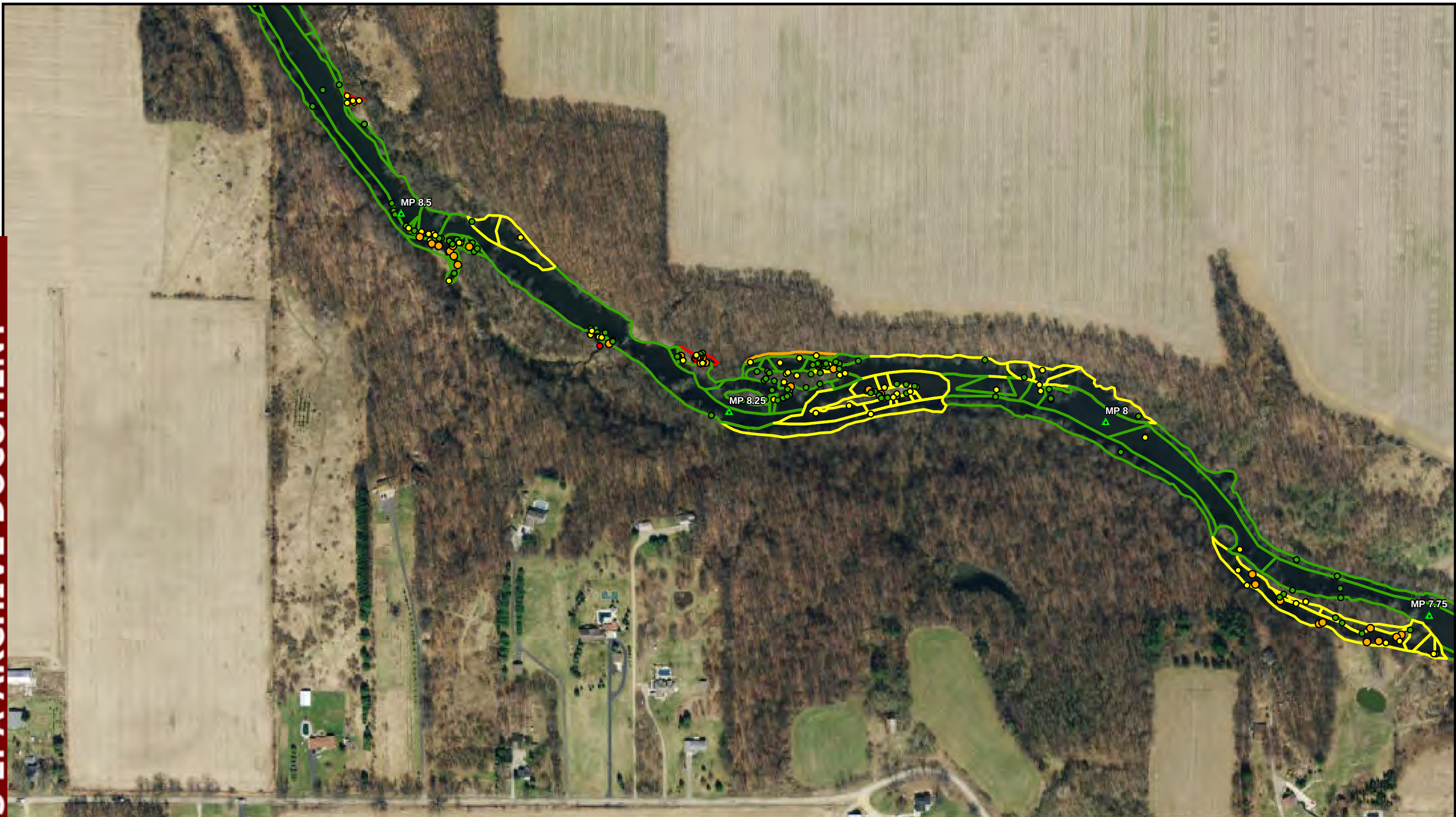
300
Feet

Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS

Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

**LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012**

Map 10 of 49



LSR 2011 Poling Locations
Sub Oil Category

- Heavy
- Moderate
- Light
- None

LSR 2011 Delineation Boundaries

- Heavy
- Moderate
- Light
- None

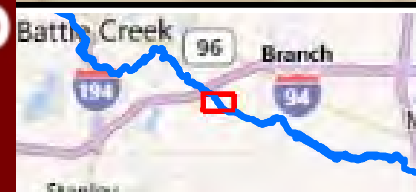
★ Approximate Release Site
▲ River Quarter Mile Marker

FOR OFFICIAL USE ONLY
300 Feet

Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS

Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

LSR 2011 POLING REASSESSMENT LOCATIONS AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012
Map 11 of 49



LSR 2011 Poling Locations

● Heavy	● Moderate	● Light	● None
---------	------------	---------	--------

LSR 2011 Delineation Boundaries

■ Heavy	■ Light
■ Moderate	■ None

★ Approximate Release Site
▲ River Quarter Mile Marker

FOR OFFICIAL USE ONLY

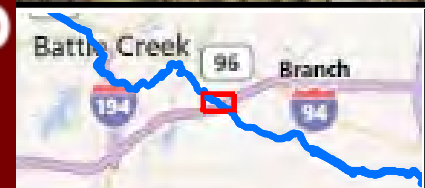
300 Feet

Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS

Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

LSR 2011 POLING REASSESSMENT LOCATIONS AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012

Map 12 of 49



LSR 2011 Poling Locations	
Sub Oil Category	LSR 2011 Delineation Boundaries
● Heavy	■ Heavy
● Moderate	■ Moderate
● Light	■ Light
● None	■ None

★ Approximate Release Site
▲ River Quarter Mile Marker

FOR OFFICIAL
USE ONLY

300

Feet

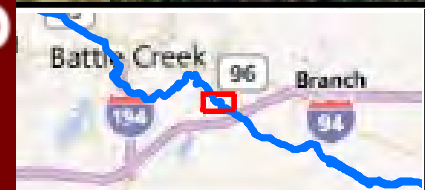


Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS



Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012



LSR 2011 Poling Locations

Sub Oil Category

- Heavy
- Moderate
- Light
- None

LSR 2011 Delineation Boundaries

- Heavy
- Moderate
- Light
- None

★ Approximate Release Site

▲ River Quarter Mile Marker

**FOR OFFICIAL
USE ONLY**

300
Feet

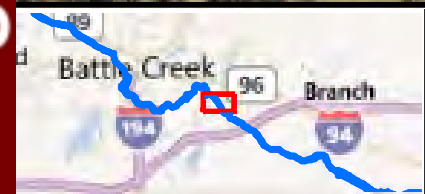


Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS



Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

**LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012**



LSR 2011 Poling Locations	
Sub Oil Category	LSR 2011 Delineation Boundaries
● Heavy	■ Heavy
● Moderate	■ Moderate
● Light	■ Light
● None	■ None

- ★ Approximate Release Site
- ▲ River Quarter Mile Marker

FOR OFFICIAL
USE ONLY

300
Feet

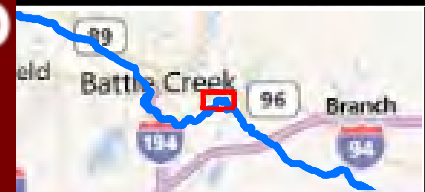
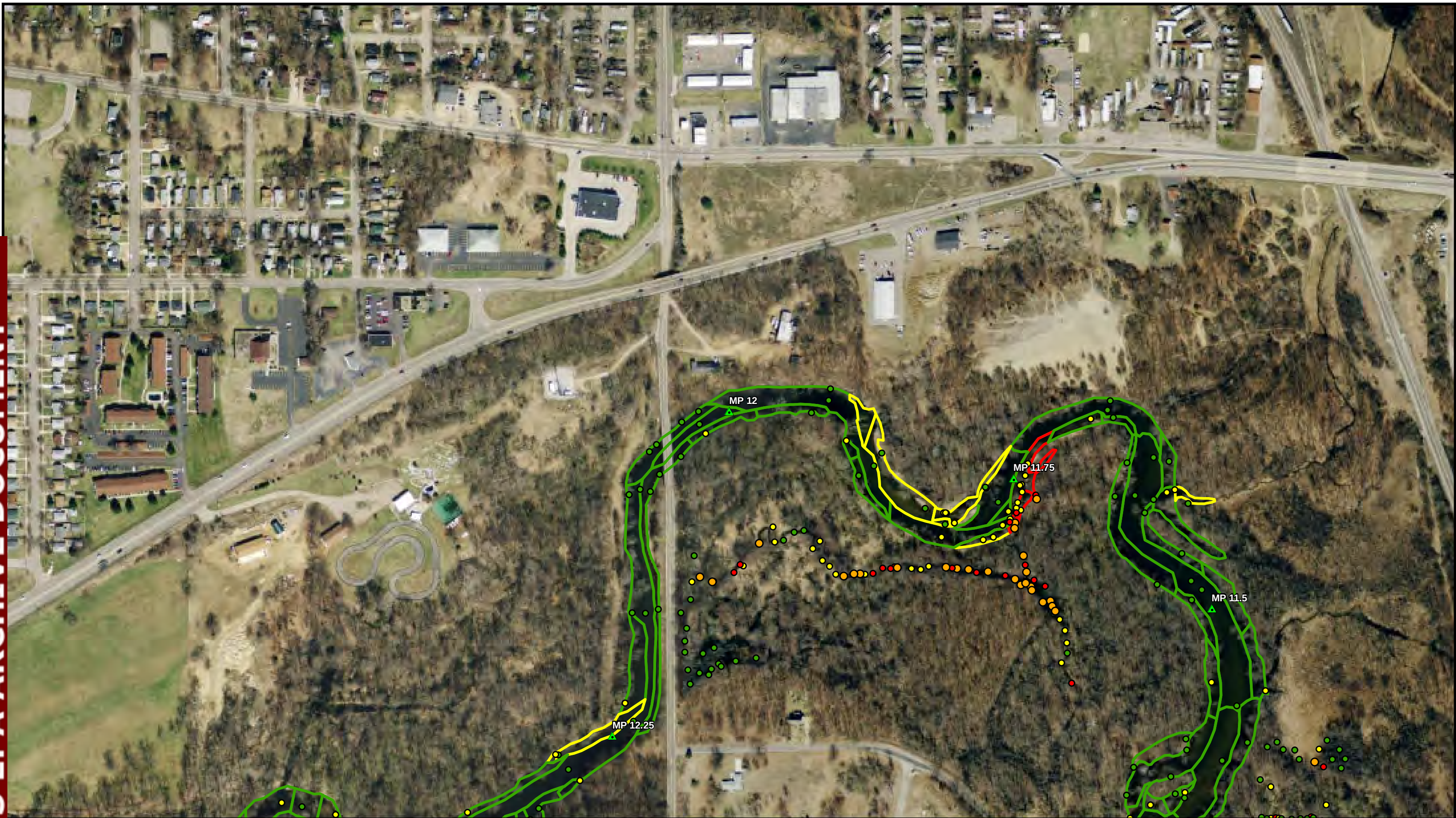


Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS



Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012



LSR 2011 Poling Locations	
Sub Oil Category	LSR 2011 Delineation Boundaries
● Heavy	■ Heavy
● Moderate	■ Moderate
● Light	■ Light
● None	■ None

- ★ Approximate Release Site
- ▲ River Quarter Mile Marker

FOR OFFICIAL
USE ONLY

300
Feet



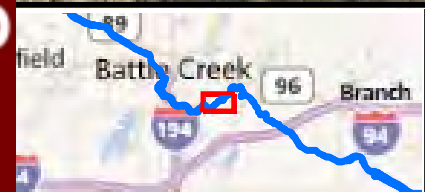
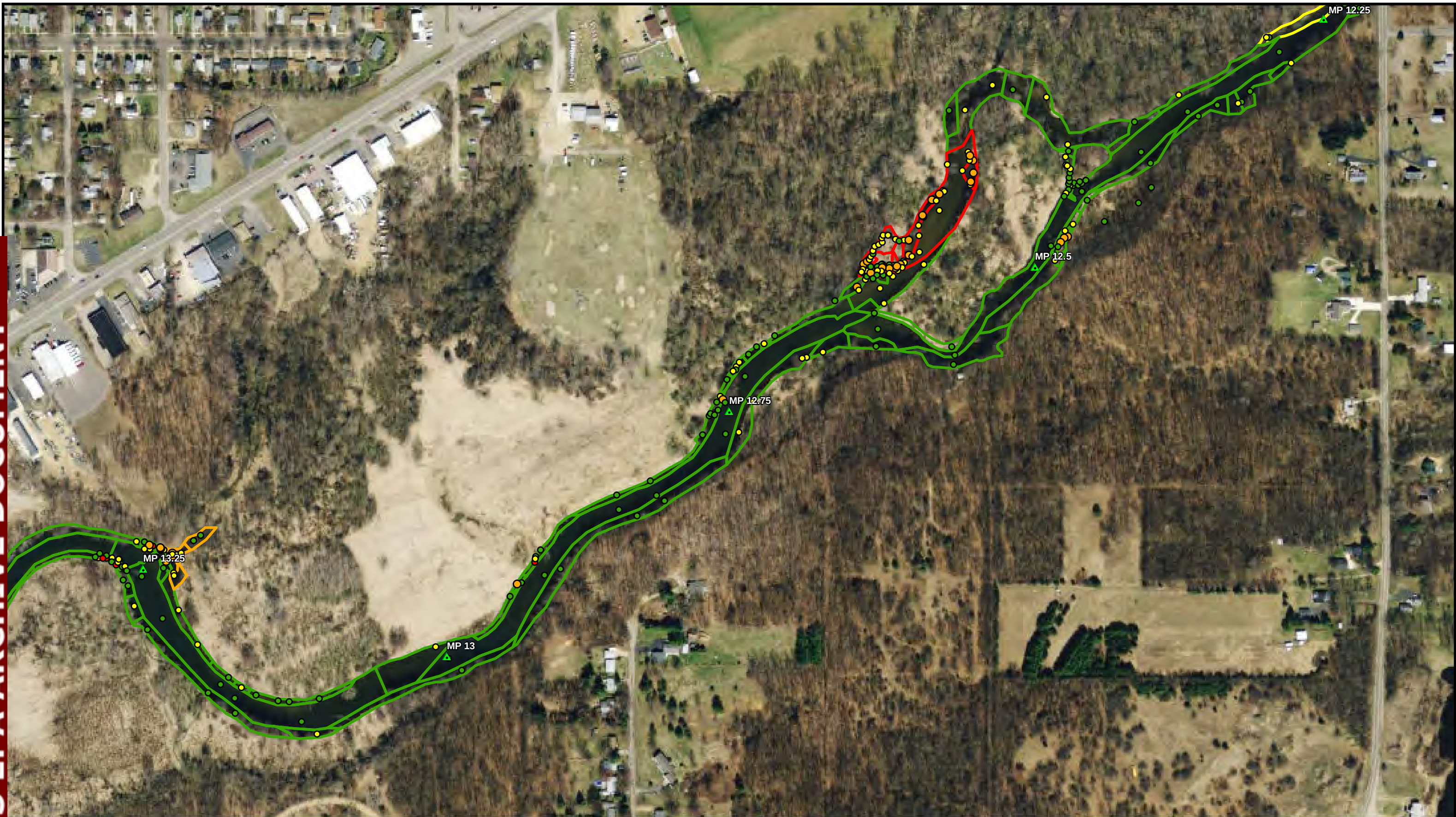
Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS



Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012

Map 16 of 49



LSR 2011 Poling Locations
Sub Oil Category LSR 2011
Delineation Boundaries

● Heavy	● Moderate	● Light	● None
■ Heavy	■ Moderate	■ Light	■ None

★ Approximate Release Site
▲ River Quarter Mile Marker

**FOR OFFICIAL
USE ONLY**

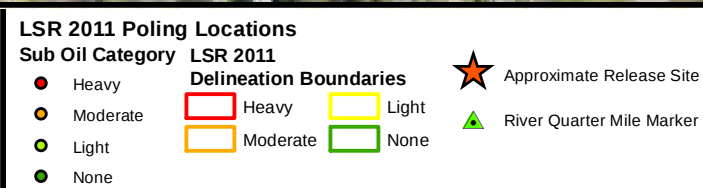
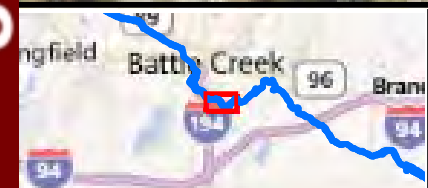
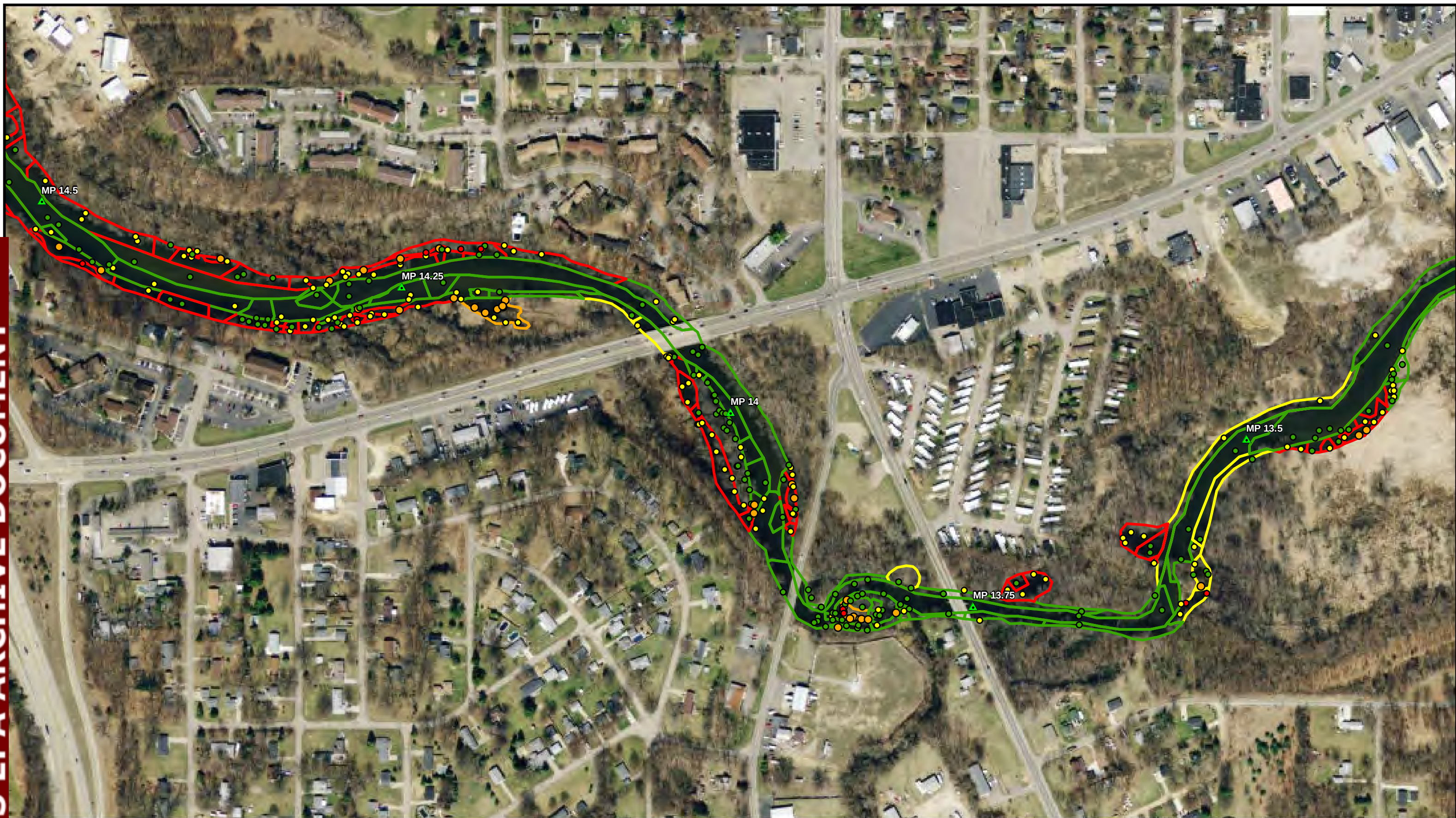
300
Feet

Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS

Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

**LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012**

Map 17 of 49



**FOR OFFICIAL
USE ONLY**

300



Feet



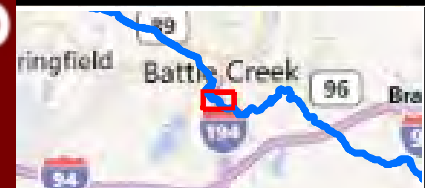
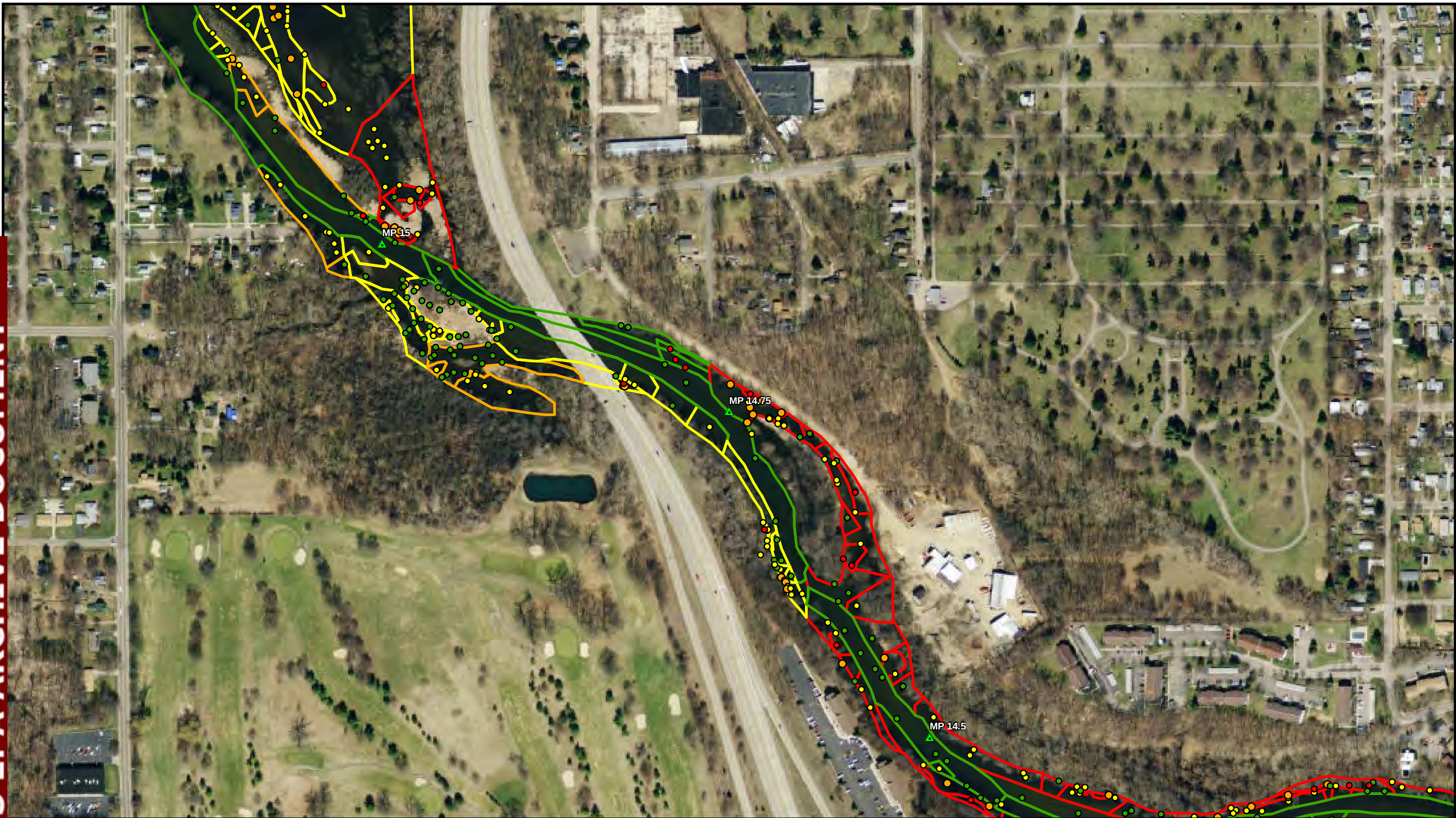
Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS



Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

**LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012**

Map 18 of 49



LSR 2011 Poling Locations
Sub Oil Category

- Heavy
- Moderate
- Light
- None

LSR 2011 Delineation Boundaries

- Heavy
- Moderate
- Light
- None

★ Approximate Release Site
▲ River Quarter Mile Marker

**FOR OFFICIAL
USE ONLY**

300



Feet



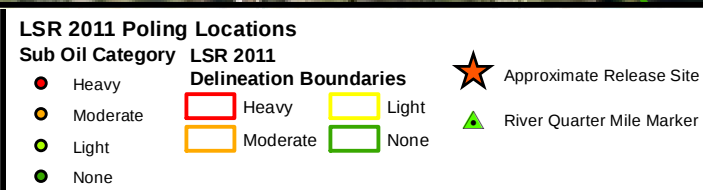
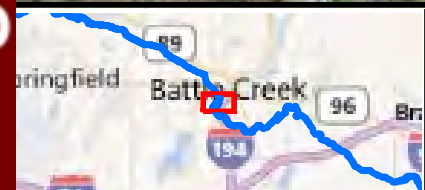
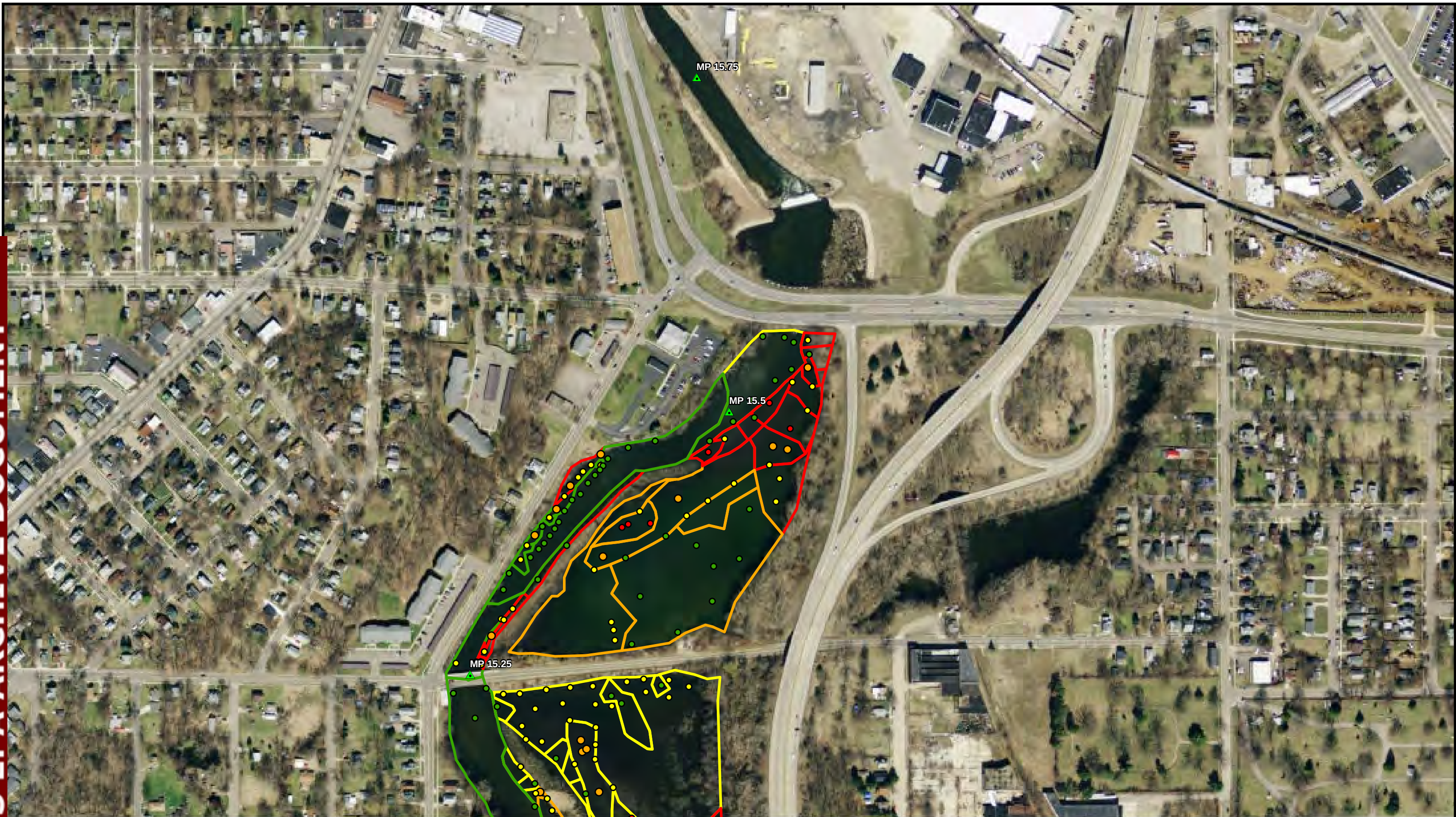
Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS



Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

**LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012**

Map 19 of 49



FOR OFFICIAL
USE ONLY

300



Feet

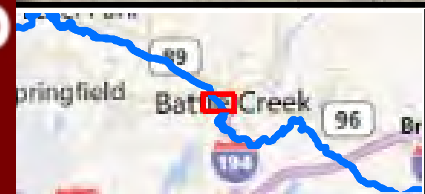


Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS



Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012



LSR 2011 Poling Locations

Sub Oil Category

- Heavy
- Moderate
- Light
- None

LSR 2011 Delineation Boundaries

- Heavy
- Moderate
- Light
- None

★ Approximate Release Site

▲ River Quarter Mile Marker

**FOR OFFICIAL
USE ONLY**

300
Feet

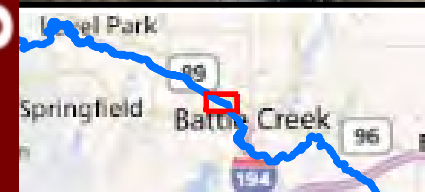


Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS



Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

**LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES**
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012



LSR 2011 Poling Locations
Sub Oil Category

- Heavy
- Moderate
- Light
- None

LSR 2011 Delineation Boundaries

Sub Oil Category	Delineation Boundaries
Heavy	Light
Moderate	Moderate
Light	None
None	None

★ Approximate Release Site
▲ River Quarter Mile Marker

FOR OFFICIAL USE ONLY

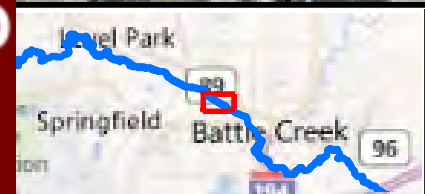
300 Feet

Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS

Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

LSR 2011 POLING REASSESSMENT LOCATIONS AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012

Map 22 of 49



LSR 2011 Poling Locations		LSR 2011 Delineation Boundaries		Approximate Release Site	
● Heavy	● Moderate	■ Heavy	■ Light	★	▲ River Quarter Mile Marker
● Light	● None	■ Moderate	■ None		

FOR OFFICIAL
USE ONLY

300



Feet



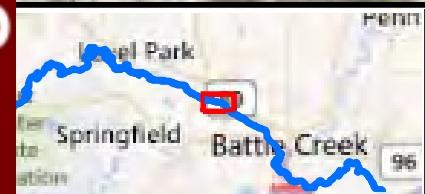
Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS



Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012

Map 23 of 49



LSR 2011 Poling Locations

- Sub Oil Category
- Heavy
 - Moderate
 - Light
 - None

LSR 2011 Delineation Boundaries

- Heavy
- Moderate
- Light
- None

- ★ Approximate Release Site
- ▲ River Quarter Mile Marker

**FOR OFFICIAL
USE ONLY**

300



Feet

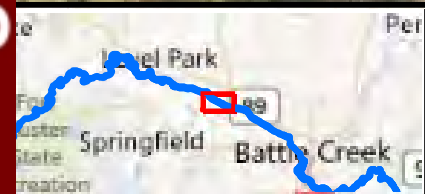
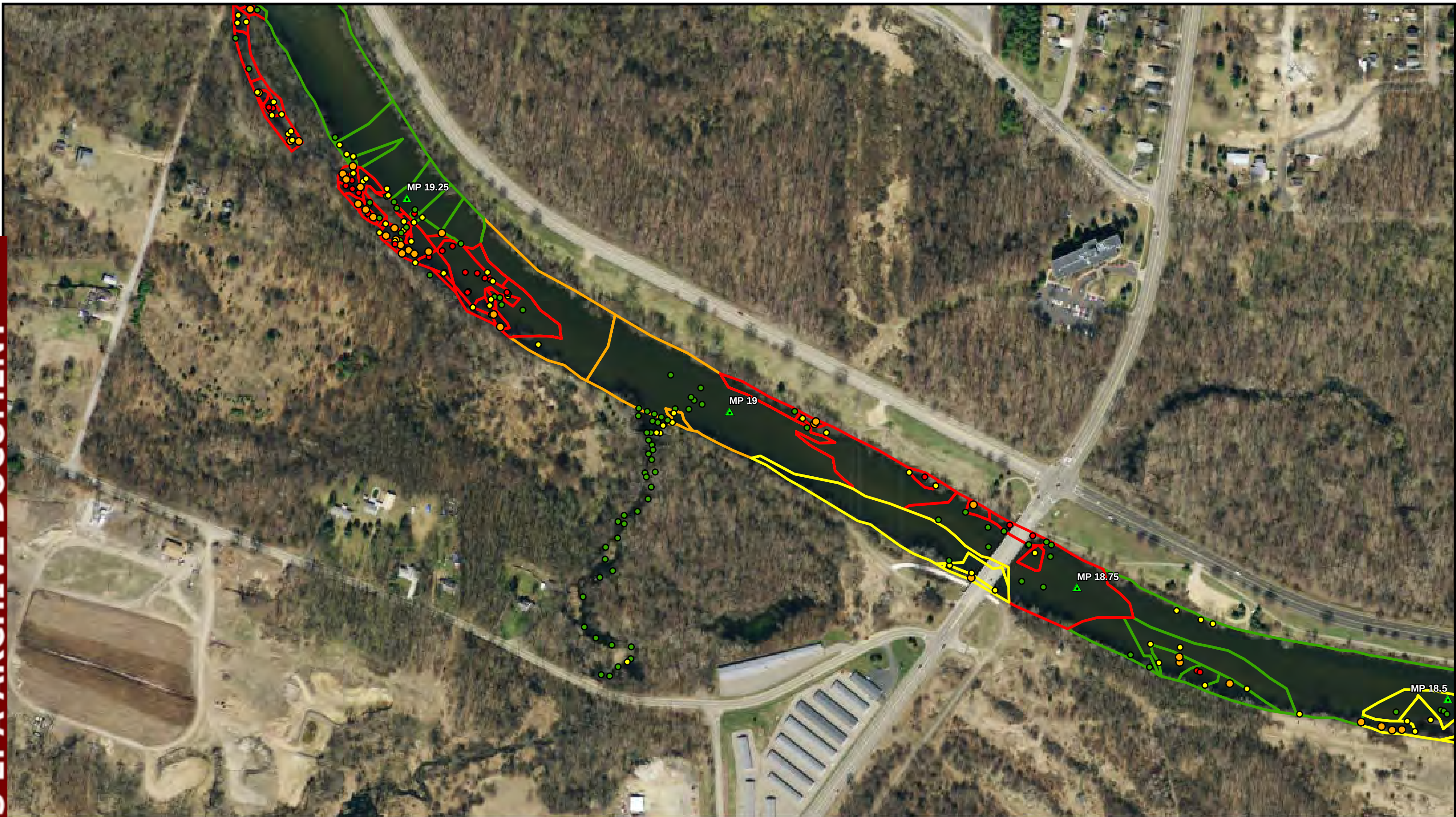


Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS



Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

**LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012**



LSR 2011 Poling Locations		Sub Oil Category		LSR 2011 Delineation Boundaries		Approximate Release Site	
●	Heavy	●	Moderate	■	Heavy	★	Approximate Release Site
●	Moderate	●	Light	■	Moderate	▲	River Quarter Mile Marker
●	Light	●	None	■	None		
●	None						

FOR OFFICIAL
USE ONLY

300



Feet



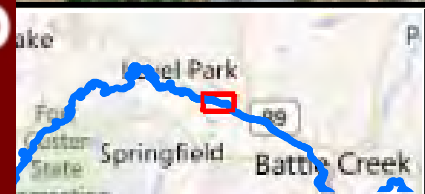
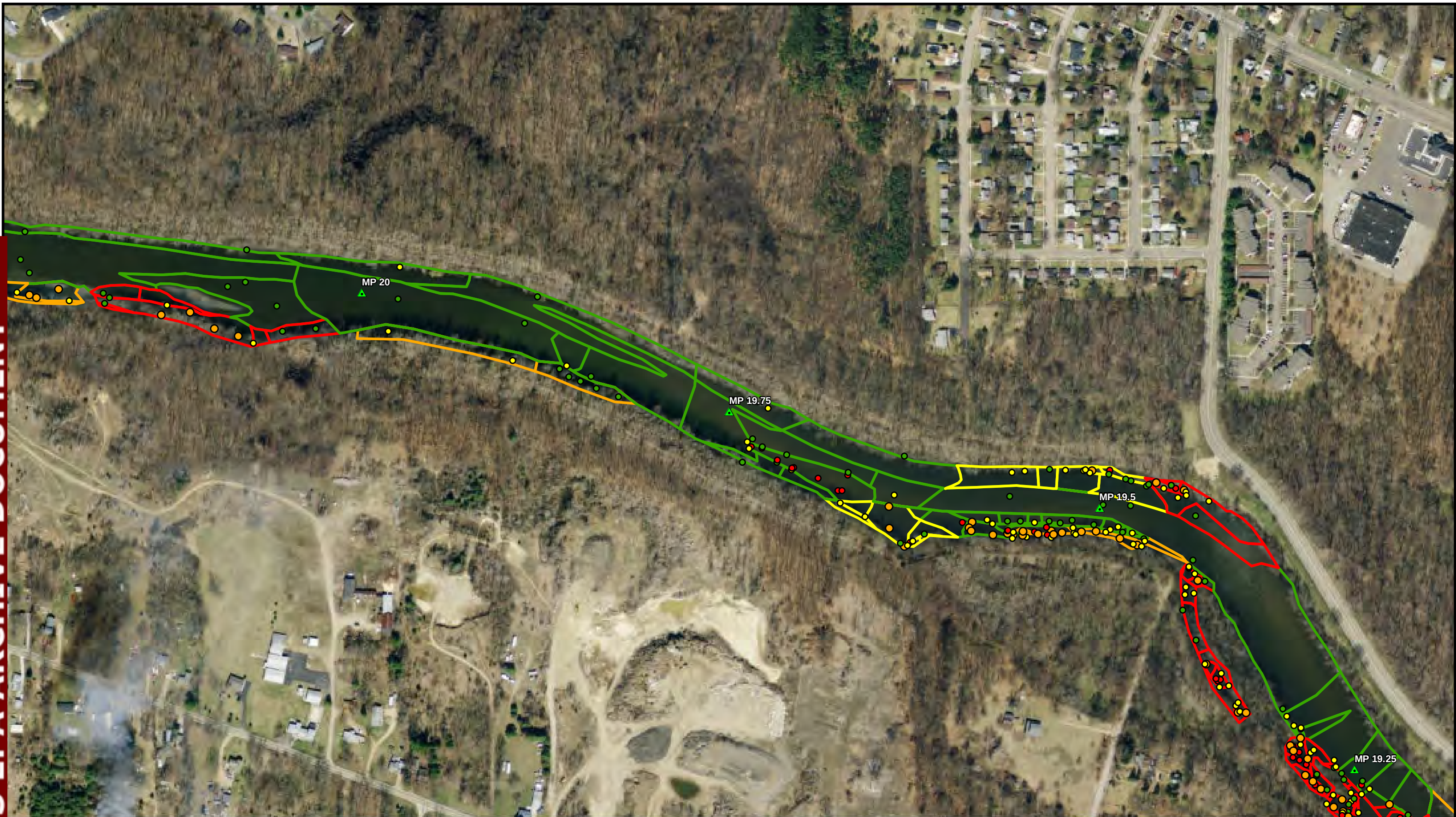
Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS



Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012

Map 25 of 49



LSR 2011 Poling Locations
Sub Oil Category LSR 2011
Delineation Boundaries

● Heavy	■ Heavy	■ Light
● Moderate	■ Moderate	■ None
● Light		
● None		

★ Approximate Release Site
▲ River Quarter Mile Marker

**FOR OFFICIAL
USE ONLY**

300



Feet



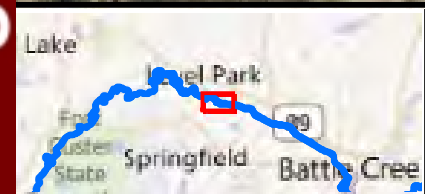
Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS



Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

**LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012**

Map 26 of 49



LSR 2011 Poling Locations
Sub Oil Category LSR 2011
Delineation Boundaries

● Heavy	● Moderate	● Light	● None
● Heavy	● Moderate	● Light	● None
● Heavy	● Moderate	● Light	● None
● Heavy	● Moderate	● Light	● None

★ Approximate Release Site
▲ River Quarter Mile Marker

**FOR OFFICIAL
USE ONLY**

300
Feet

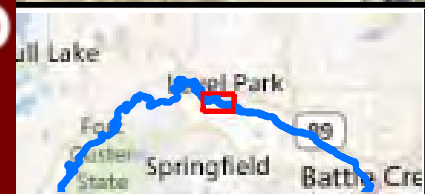
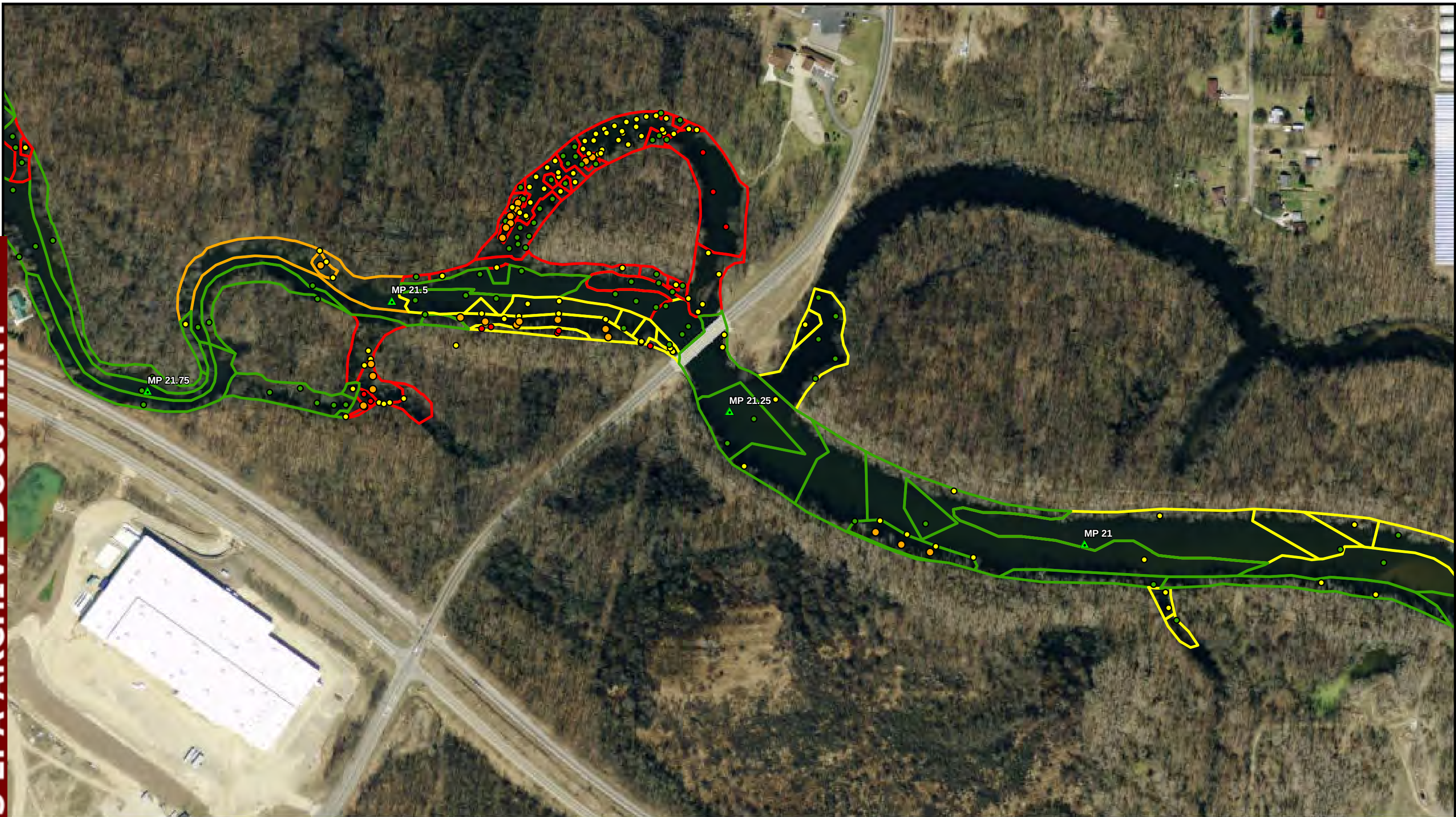


Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS



Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

**LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012**



LSR 2011 Poling Locations		LSR 2011 Delineation Boundaries		★	Approximate Release Site
Sub Oil Category				▲	River Quarter Mile Marker
● Heavy	● Moderate	● Light	● None		
● Heavy	● Moderate	● Light	● None		
● Heavy	● Moderate	● Light	● None		
● Heavy	● Moderate	● Light	● None		

FOR OFFICIAL
USE ONLY

300



Feet

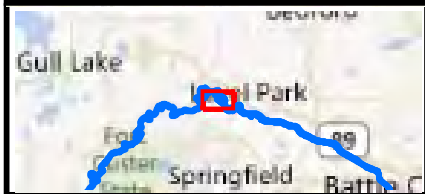
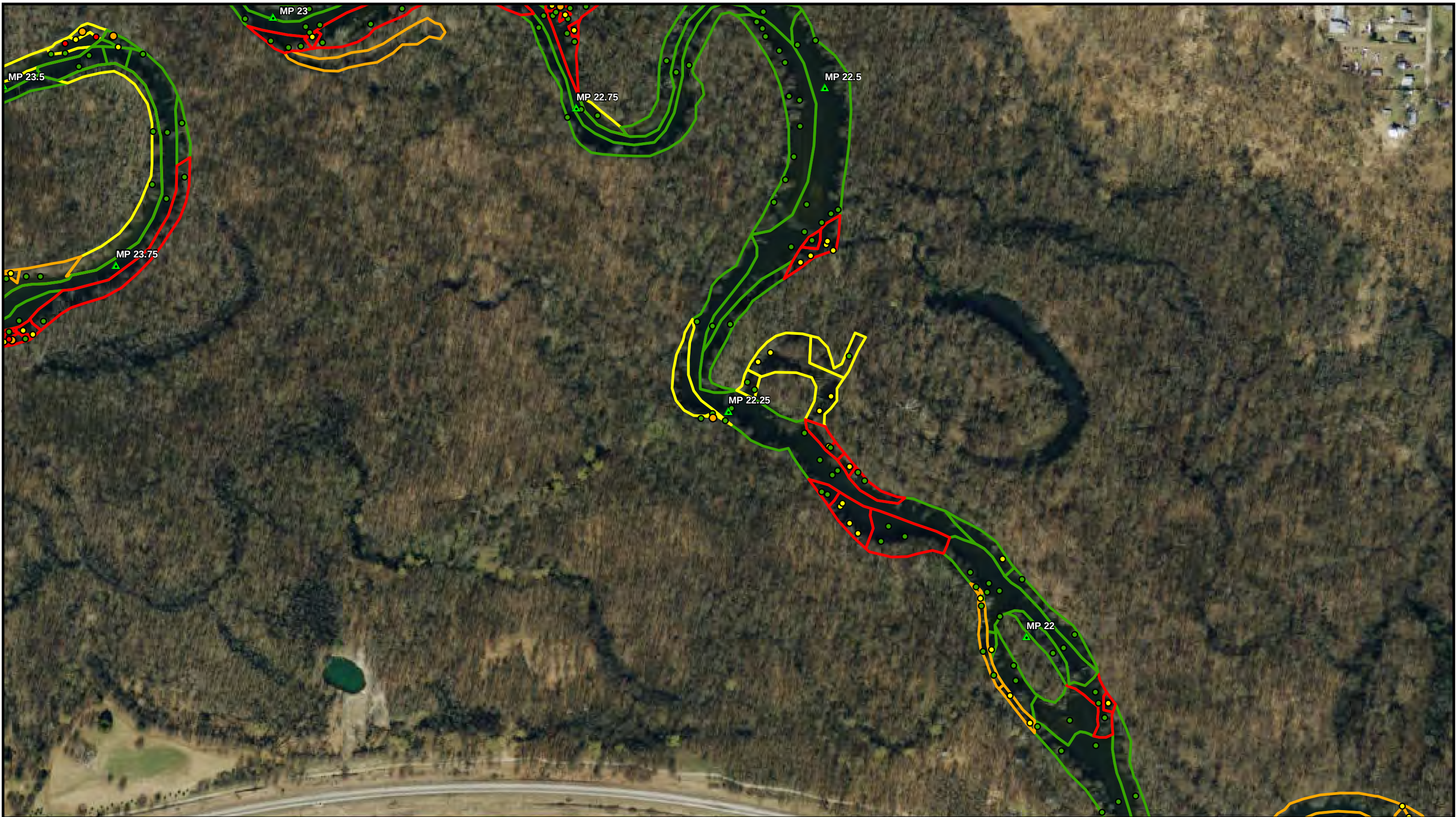


Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS



Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012



LSR 2011 Poling Locations

Sub Oil Category	LSR 2011 Delineation Boundaries
● Heavy	Heavy
● Moderate	Moderate
● Light	Light
● None	None

★ Approximate Release Site
▲ River Quarter Mile Marker

FOR OFFICIAL USE ONLY

300 Feet

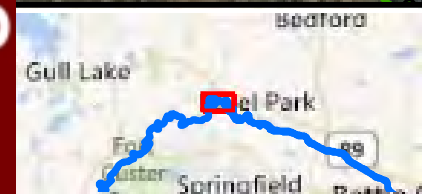
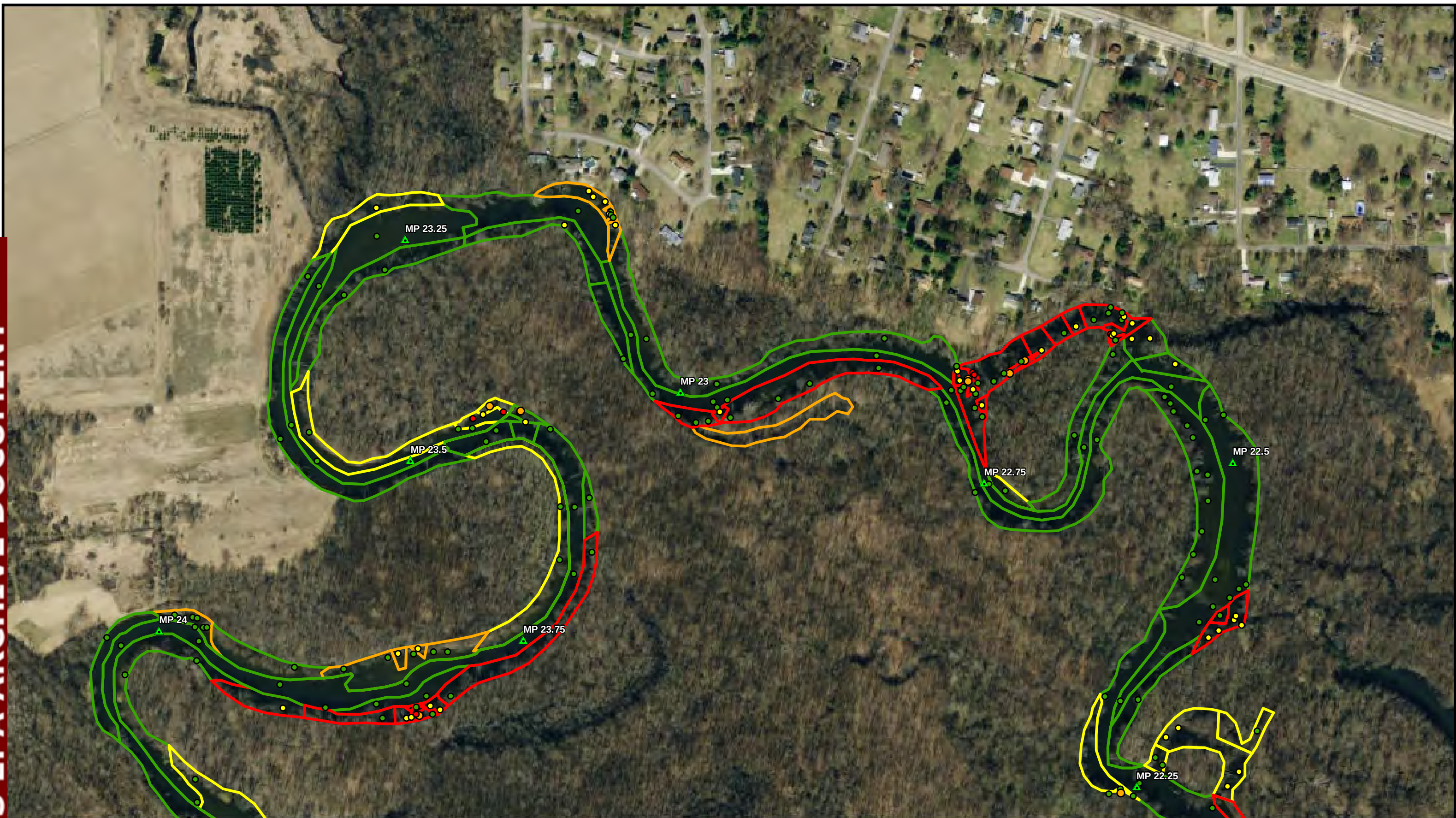
North Arrow

Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS

Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

LSR 2011 POLING REASSESSMENT LOCATIONS AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012

Map 29 of 49



LSR 2011 Poling Locations	
Sub Oil Category	LSR 2011 Delineation Boundaries
● Heavy	■ Heavy
● Moderate	■ Moderate
● Light	■ Light
● None	■ None

★ Approximate Release Site
▲ River Quarter Mile Marker

**FOR OFFICIAL
USE ONLY**

300
Feet

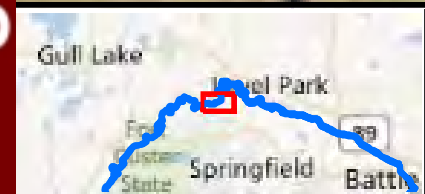
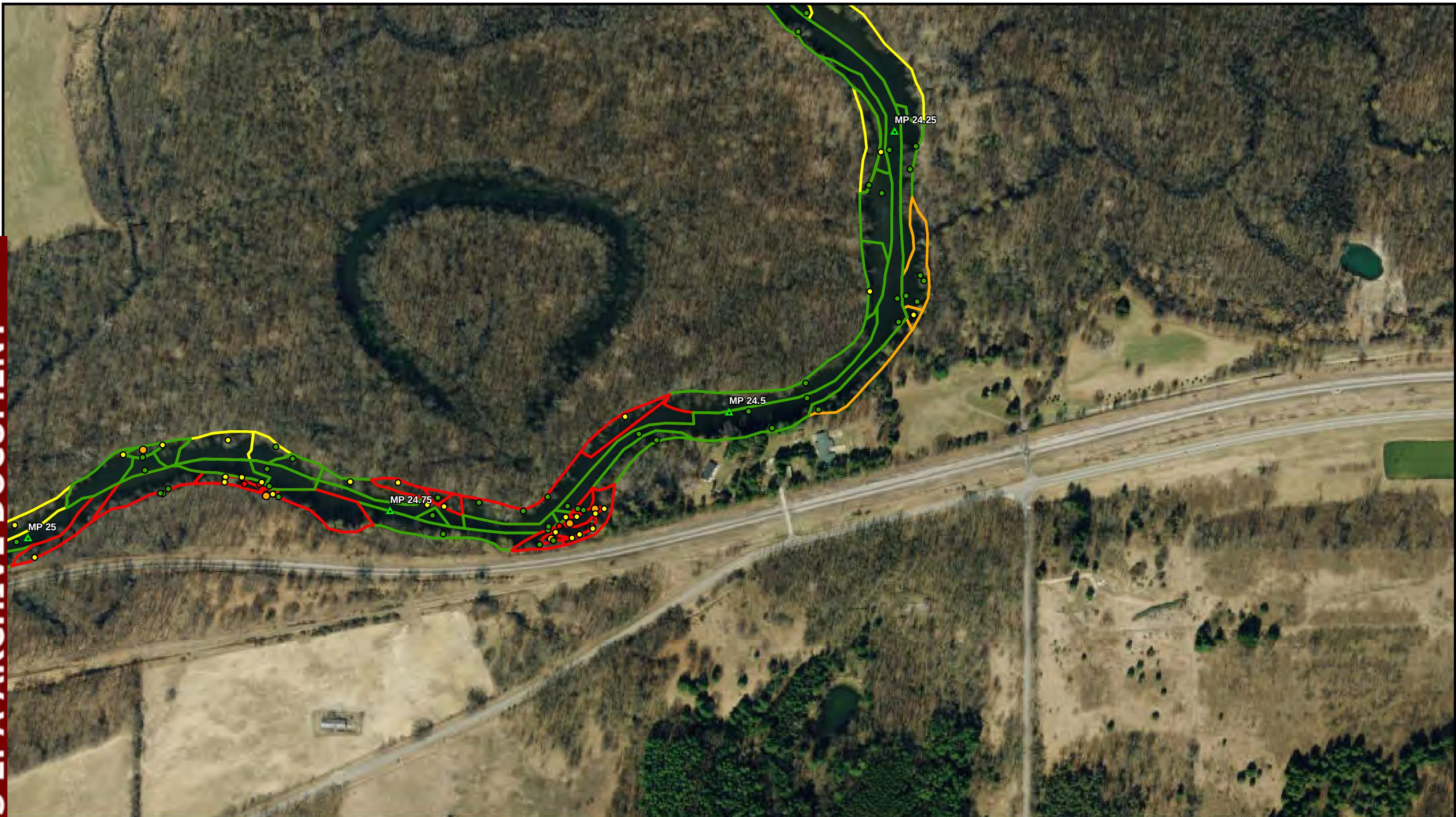


Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS



Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

**LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012**



LSR 2011 Poling Locations
Sub Oil Category LSR 2011
Delineation Boundaries

● Heavy	■ Heavy	■ Light
● Moderate	■ Moderate	■ None
● Light		
● None		

★ Approximate Release Site
▲ River Quarter Mile Marker

**FOR OFFICIAL
USE ONLY**

300



Feet



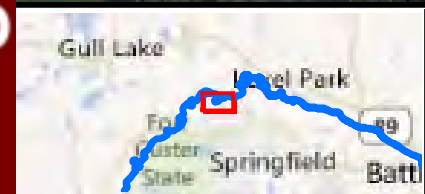
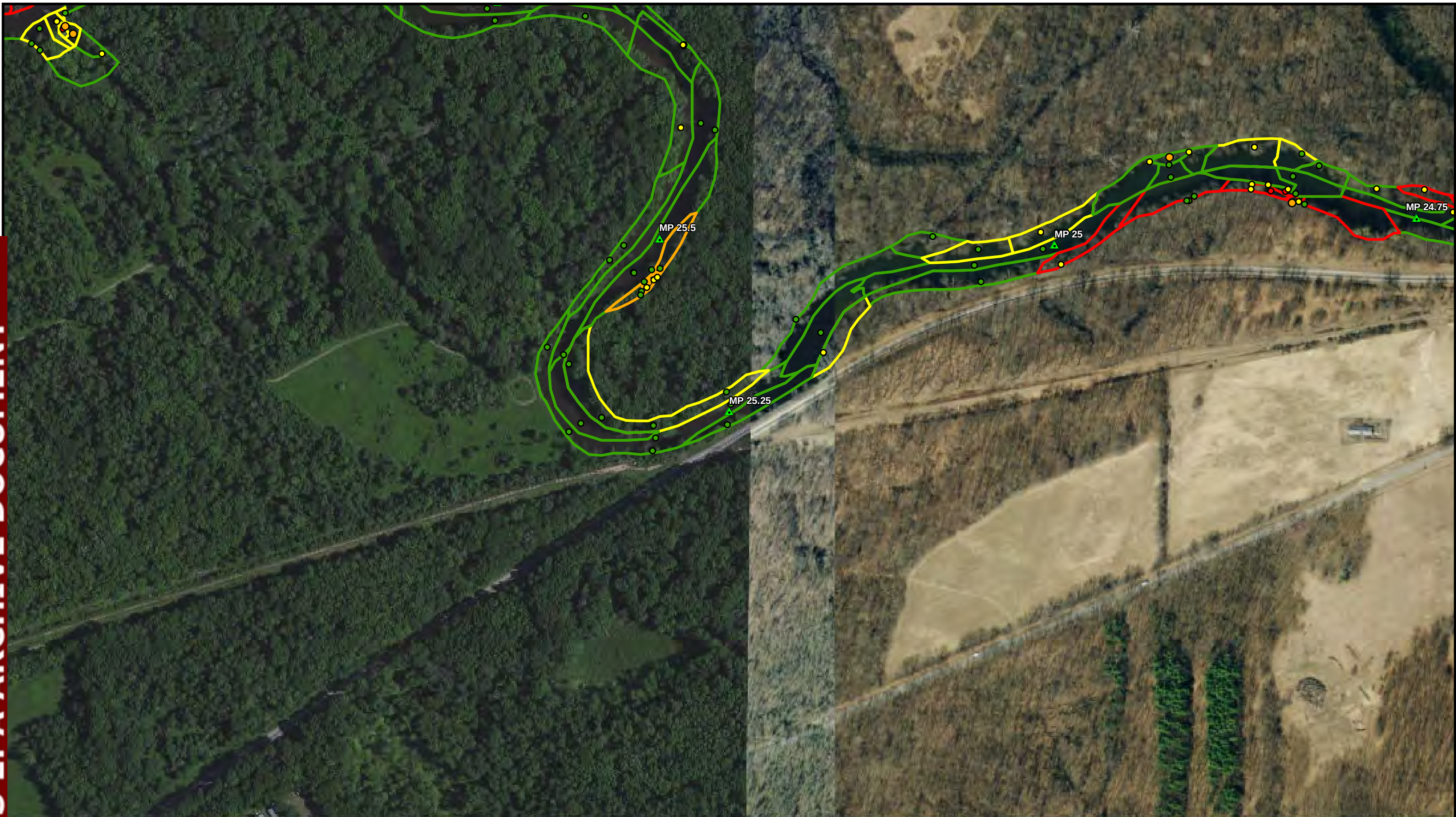
Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS



Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

**LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012**

Map 31 of 49



LSR 2011 Poling Locations	
Sub Oil Category	LSR 2011 Delineation Boundaries
● Heavy	■ Heavy
● Moderate	■ Moderate
● Light	■ None
● None	

★ Approximate Release Site
▲ River Quarter Mile Marker

FOR OFFICIAL USE ONLY

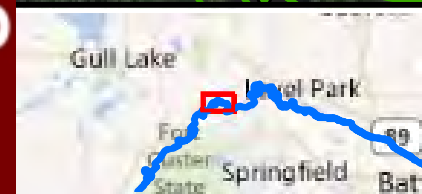
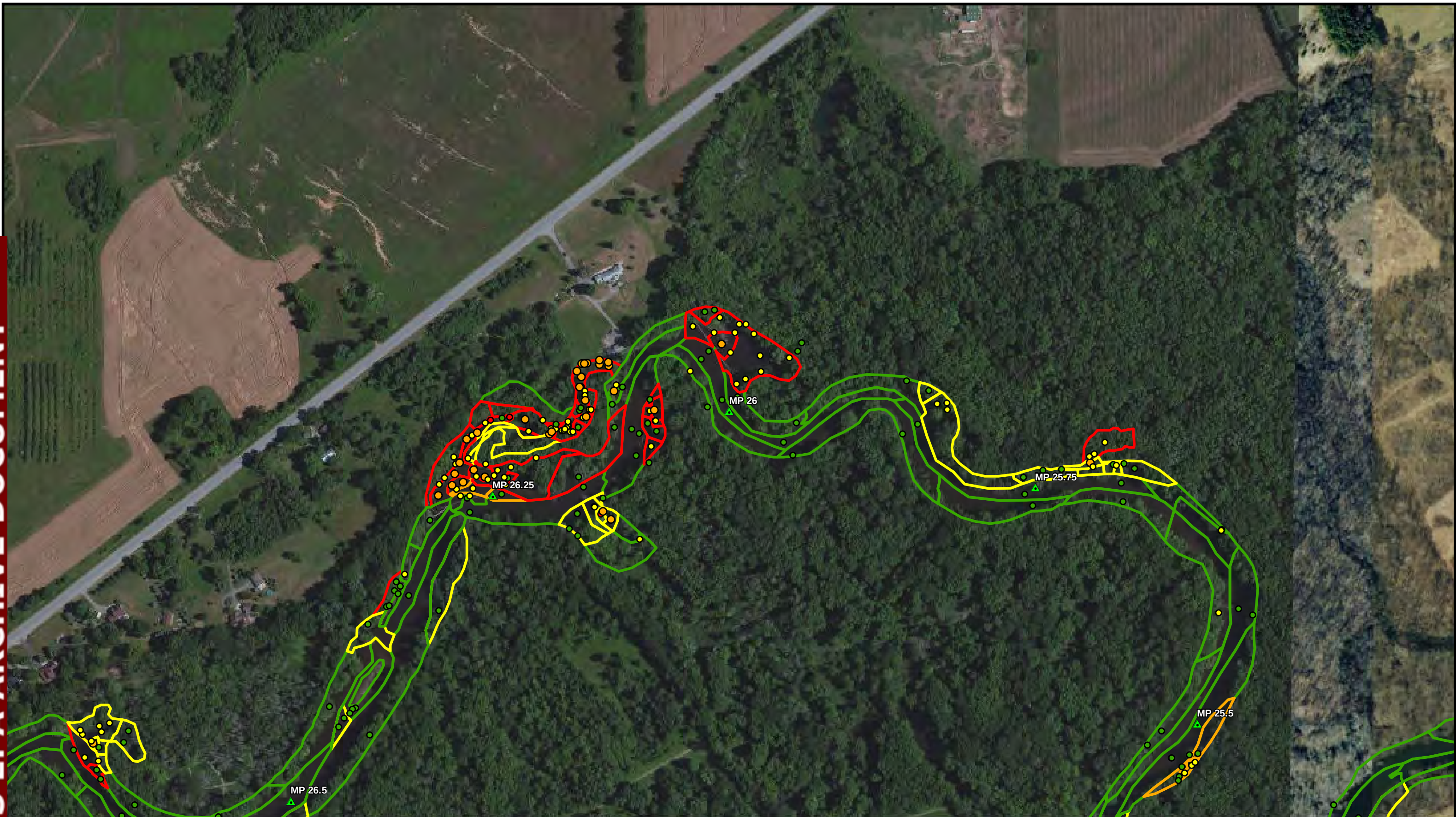
300 Feet

Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS

Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

LSR 2011 POLING REASSESSMENT LOCATIONS AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012

Map 32 of 49



LSR 2011 Poling Locations	
Sub Oil Category	LSR 2011
● Heavy	● Heavy
● Moderate	● Moderate
● Light	● Light
● None	● None

Delineation Boundaries	
■ Heavy	■ Light
■ Moderate	■ None

★ Approximate Release Site

▲ River Quarter Mile Marker

**FOR OFFICIAL
USE ONLY**

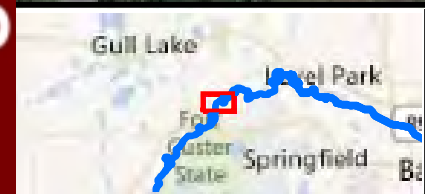
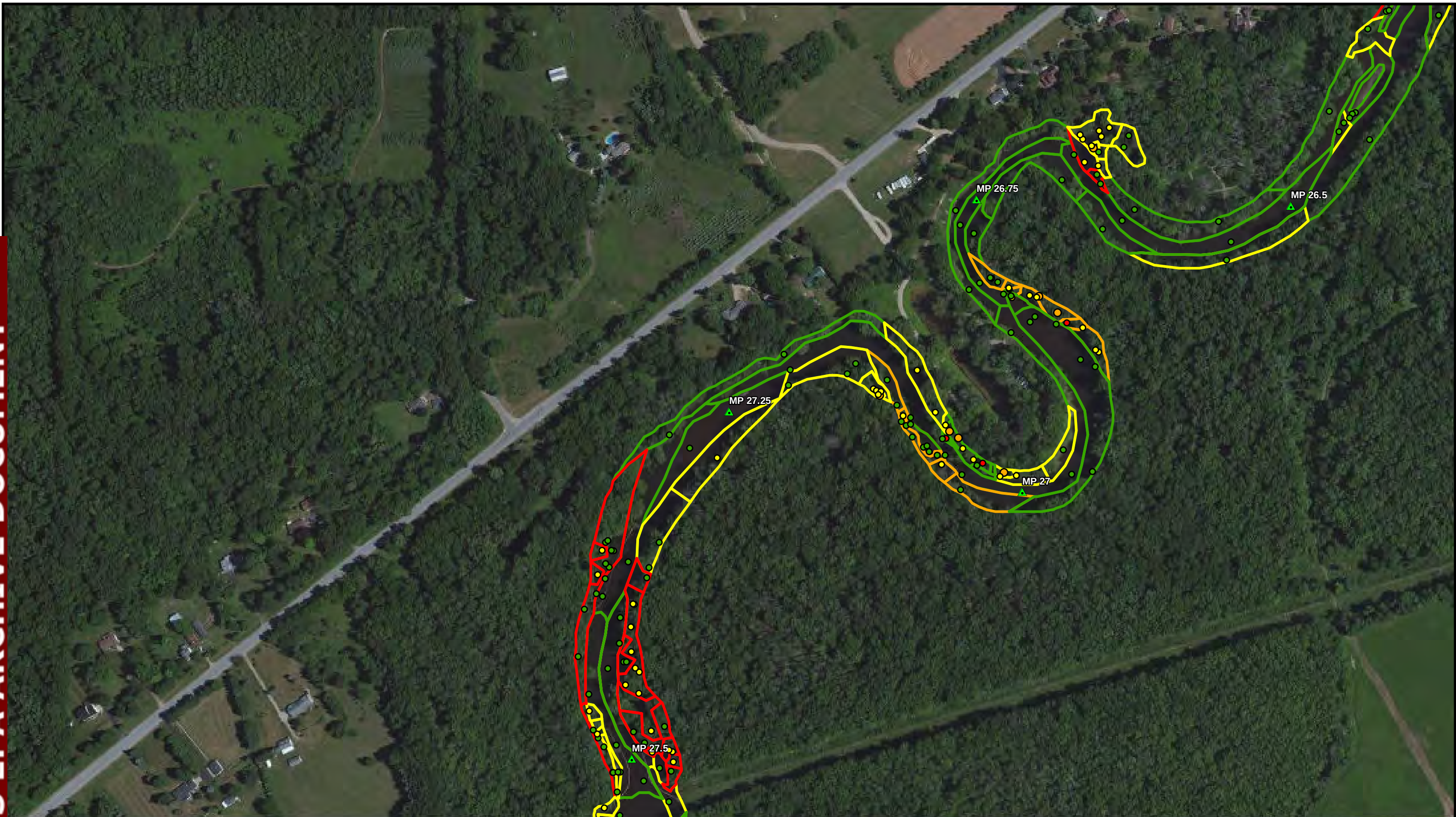
300
Feet

Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS

Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

**LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012**

Map 33 of 49



LSR 2011 Poling Locations	
Sub Oil Category	LSR 2011
● Heavy	● Heavy
● Moderate	● Moderate
● Light	● Light
● None	● None
Delineation Boundaries	
■ Heavy	■ Light
■ Moderate	■ None

★ Approximate Release Site
▲ River Quarter Mile Marker

FOR OFFICIAL
USE ONLY

300



Feet



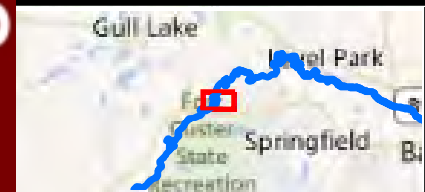
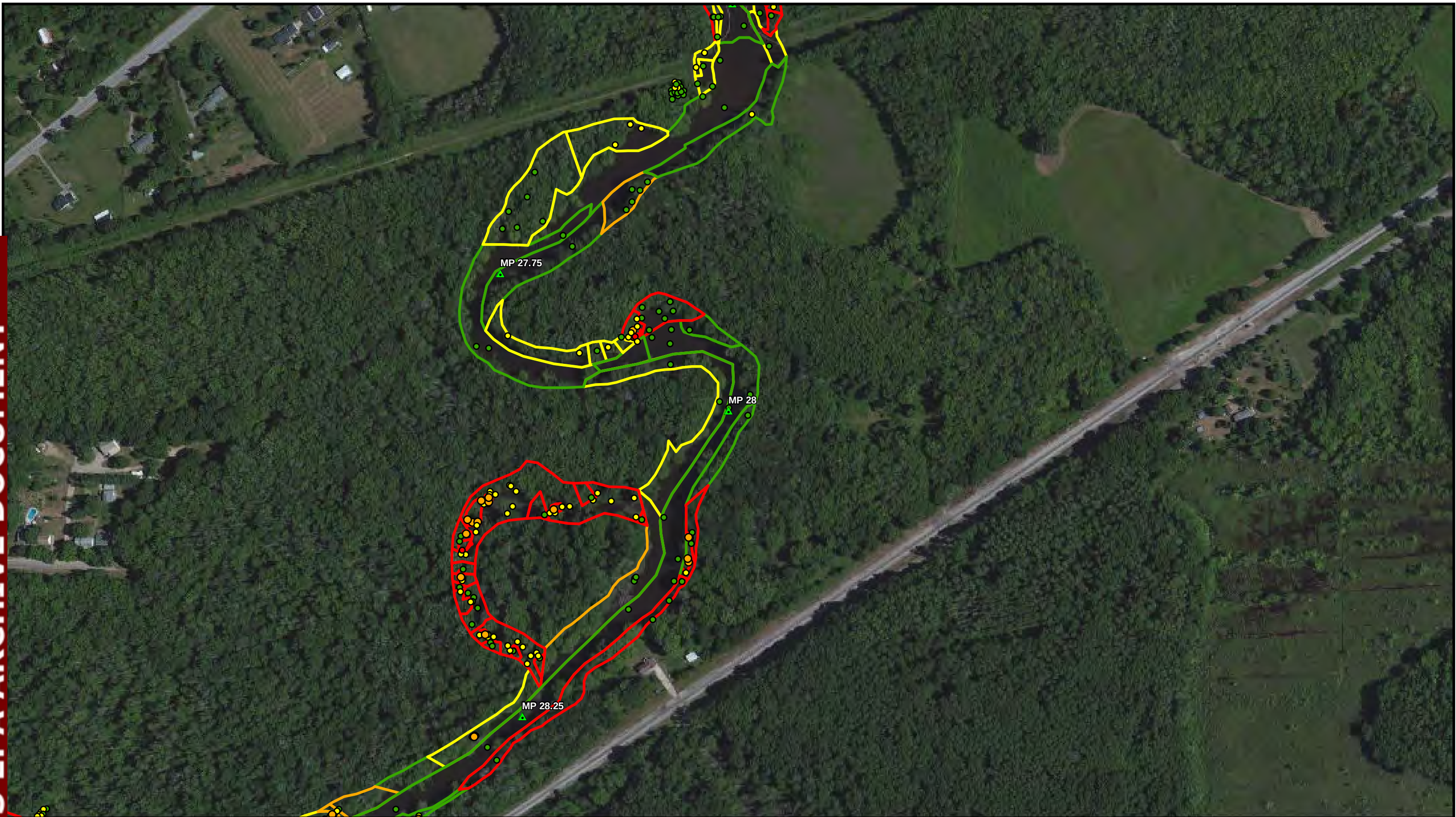
Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS



Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012

Map 34 of 49



LSR 2011 Poling Locations	
Sub Oil Category	LSR 2011
● Heavy	● Heavy
● Moderate	● Moderate
● Light	● Light
● None	● None
Delineation Boundaries	
■ Heavy	■ Light
■ Moderate	■ None

★ Approximate Release Site
▲ River Quarter Mile Marker

**FOR OFFICIAL
USE ONLY**

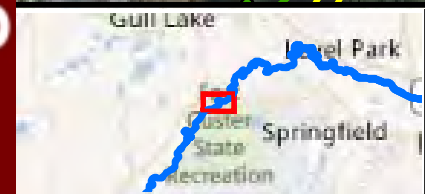
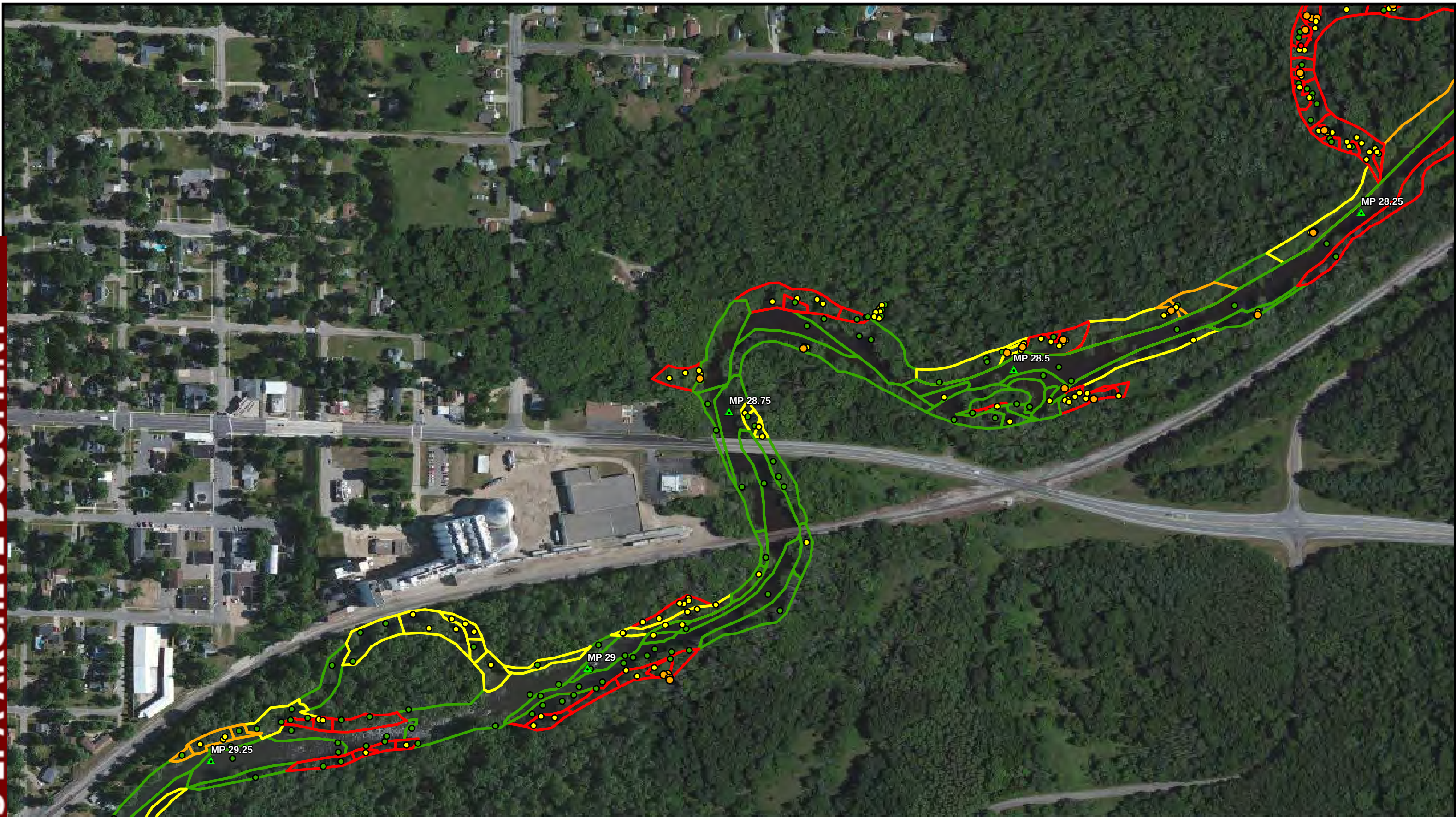
300
Feet

Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS

Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

**LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012**

Map 35 of 49



LSR 2011 Poling Locations	
Sub Oil Category	LSR 2011 Delineation Boundaries
● Heavy	■ Heavy
● Moderate	■ Moderate
● Light	■ None
● None	
★ Approximate Release Site	
▲ River Quarter Mile Marker	

FOR OFFICIAL
USE ONLY

300



Feet

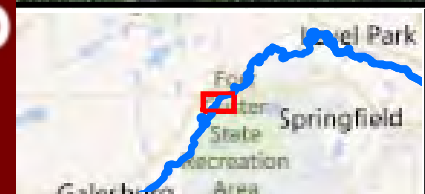
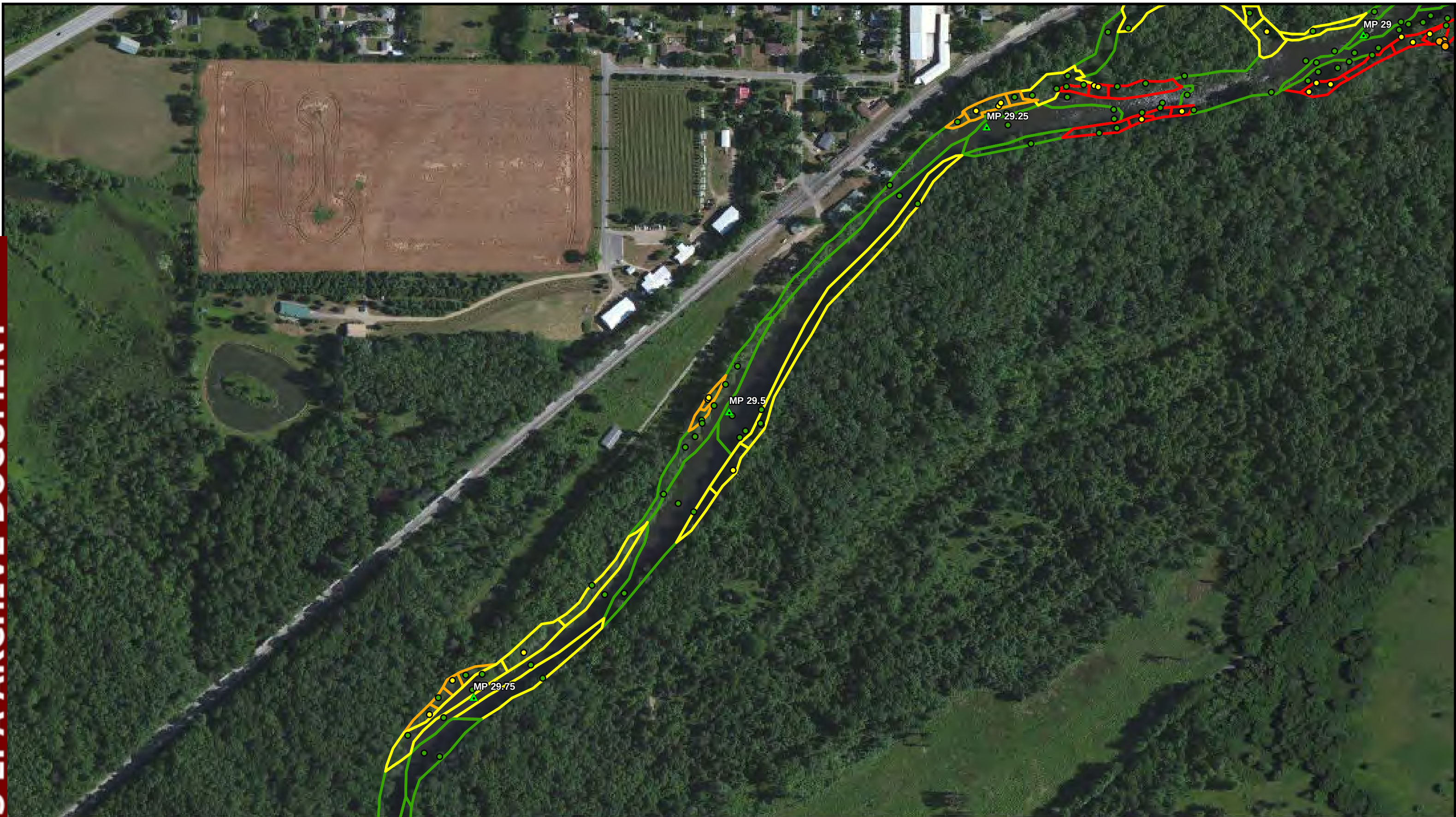


Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS



Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012



LSR 2011 Poling Locations
Sub Oil Category LSR 2011 Delineation Boundaries

● Heavy	■ Heavy	■ Light
● Moderate	■ Moderate	■ None
● Light		
● None		

★ Approximate Release Site
▲ River Quarter Mile Marker

**FOR OFFICIAL
USE ONLY**

300
Feet

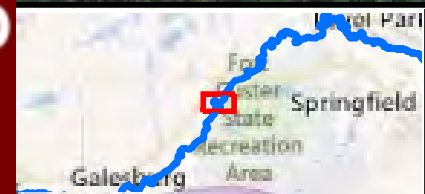
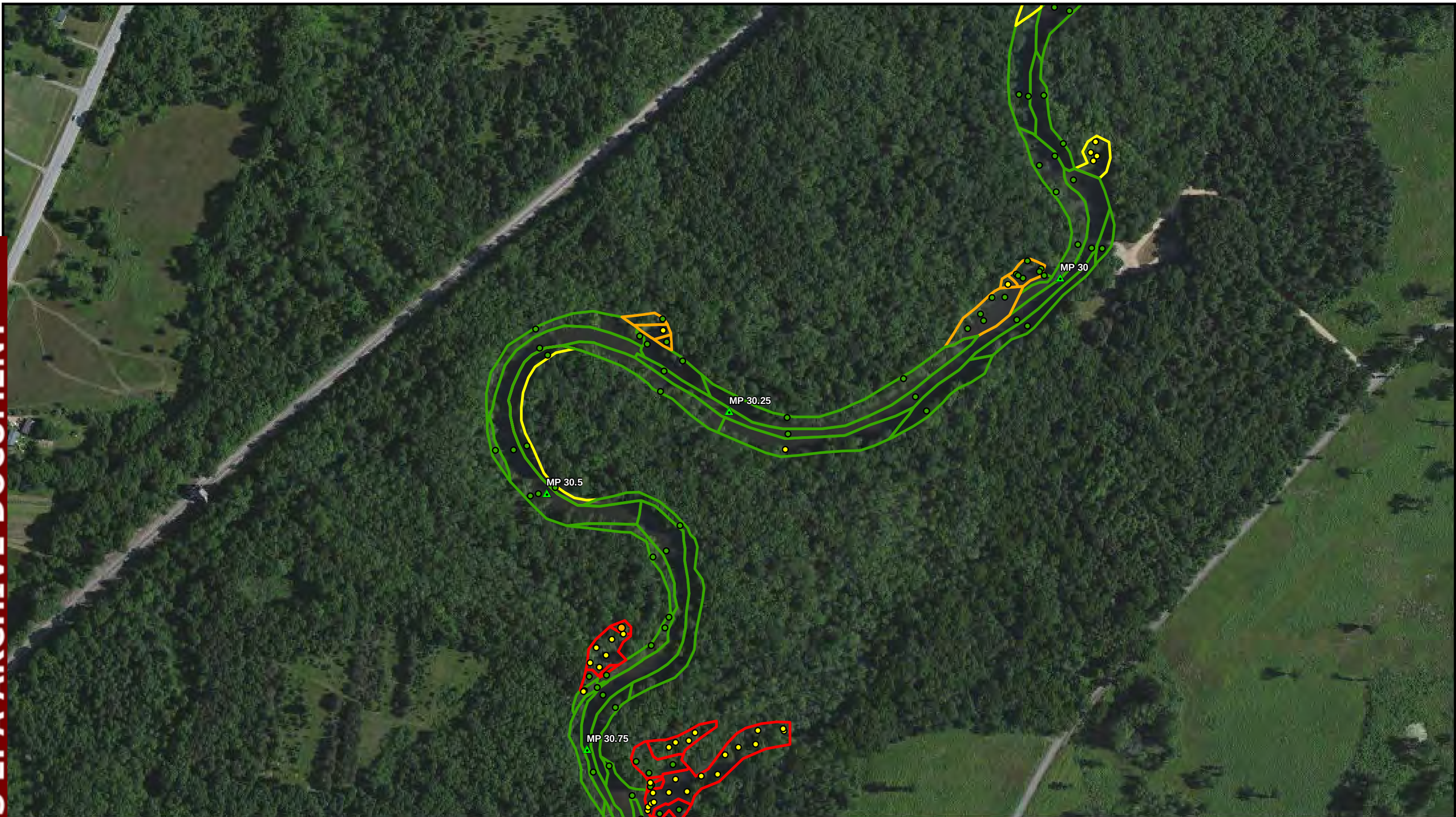


Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS



Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

**LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012**



LSR 2011 Poling Locations	
Sub Oil Category	LSR 2011 Delineation Boundaries
● Heavy	■ Heavy
● Moderate	■ Moderate
● Light	■ Light
● None	■ None

FOR OFFICIAL USE ONLY

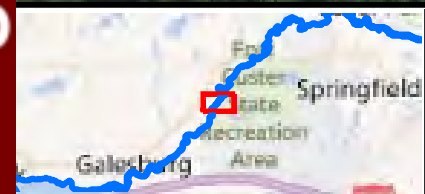
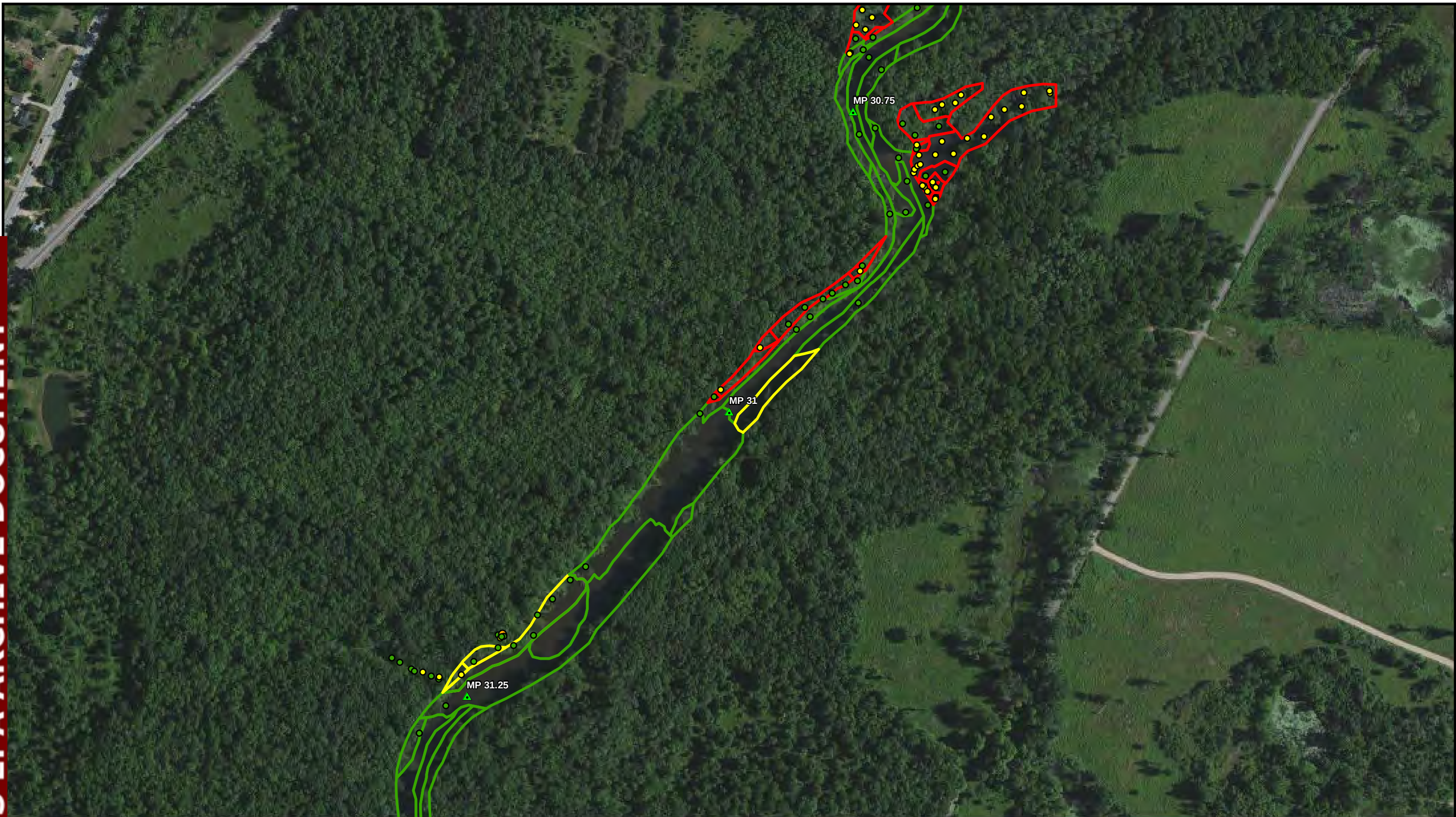
300 Feet

Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS

Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012

Map 38 of 49



LSR 2011 Poling Locations	
Sub Oil Category	LSR 2011
● Heavy	● Heavy
● Moderate	● Moderate
● Light	● Light
● None	● None

Delineation Boundaries	
■ Heavy	■ Light
■ Moderate	■ None

★ Approximate Release Site
▲ River Quarter Mile Marker

FOR OFFICIAL
USE ONLY

300
Feet

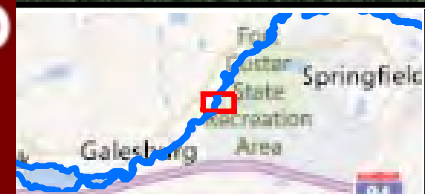


Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS



Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012



LSR 2011 Poling Locations	
Sub Oil Category	LSR 2011 Delineation Boundaries
● Heavy	■ Heavy
● Moderate	■ Moderate
● Light	■ None
● None	
★ Approximate Release Site	▲ River Quarter Mile Marker

FOR OFFICIAL
USE ONLY

300

Feet



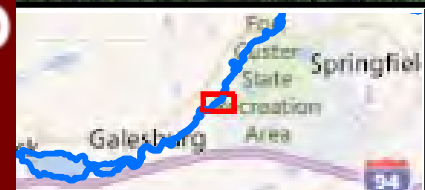
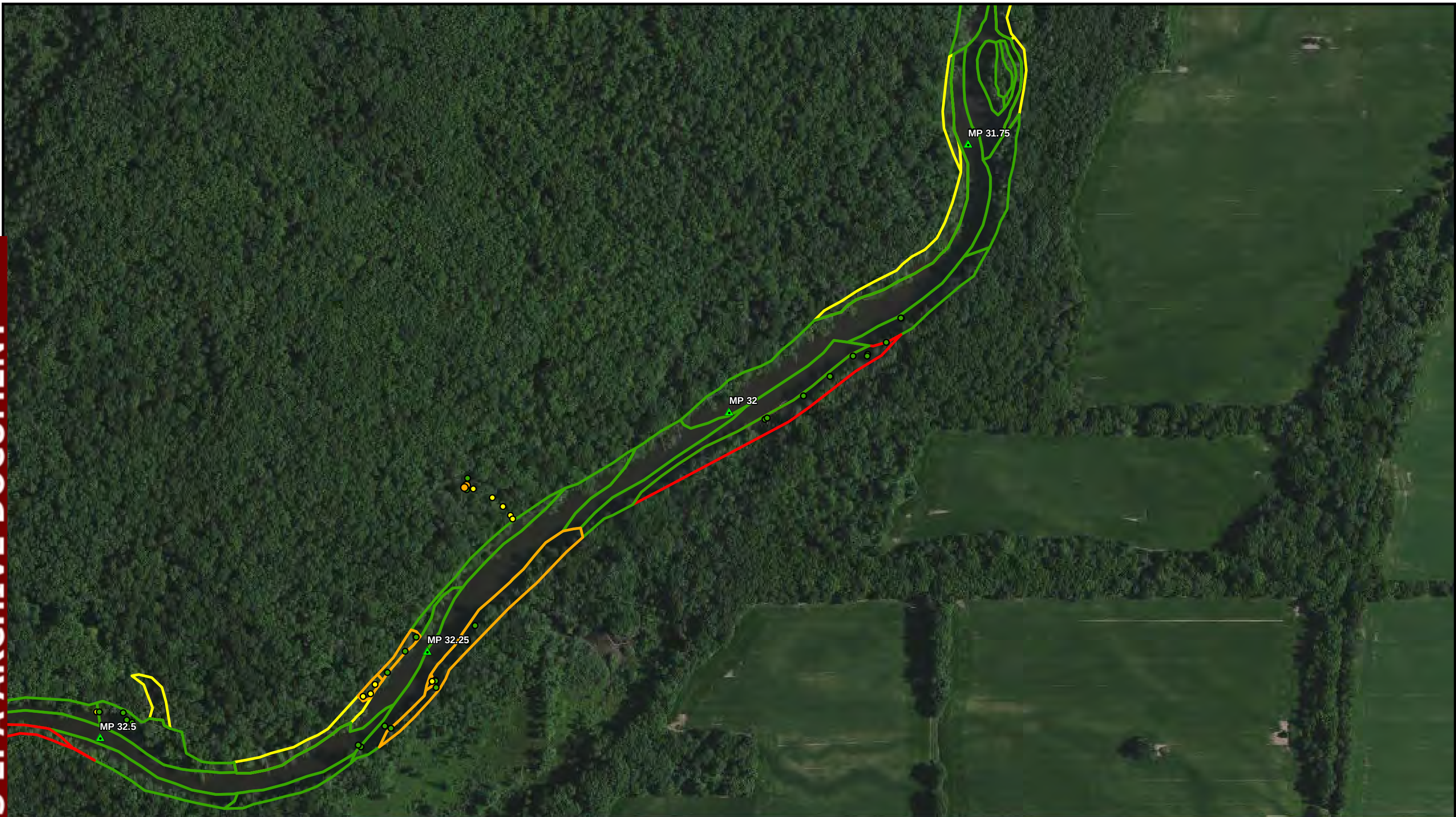
Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS



Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012

Map 40 of 49



LSR 2011 Poling Locations	
Sub Oil Category	LSR 2011
● Heavy	● Heavy
● Moderate	● Moderate
● Light	● Light
● None	● None
Delineation Boundaries	
■ Heavy	■ Light
■ Moderate	■ None

- ★ Approximate Release Site
- ▲ River Quarter Mile Marker

FOR OFFICIAL
USE ONLY

300



Feet

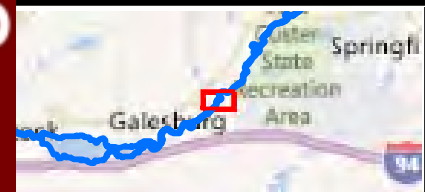
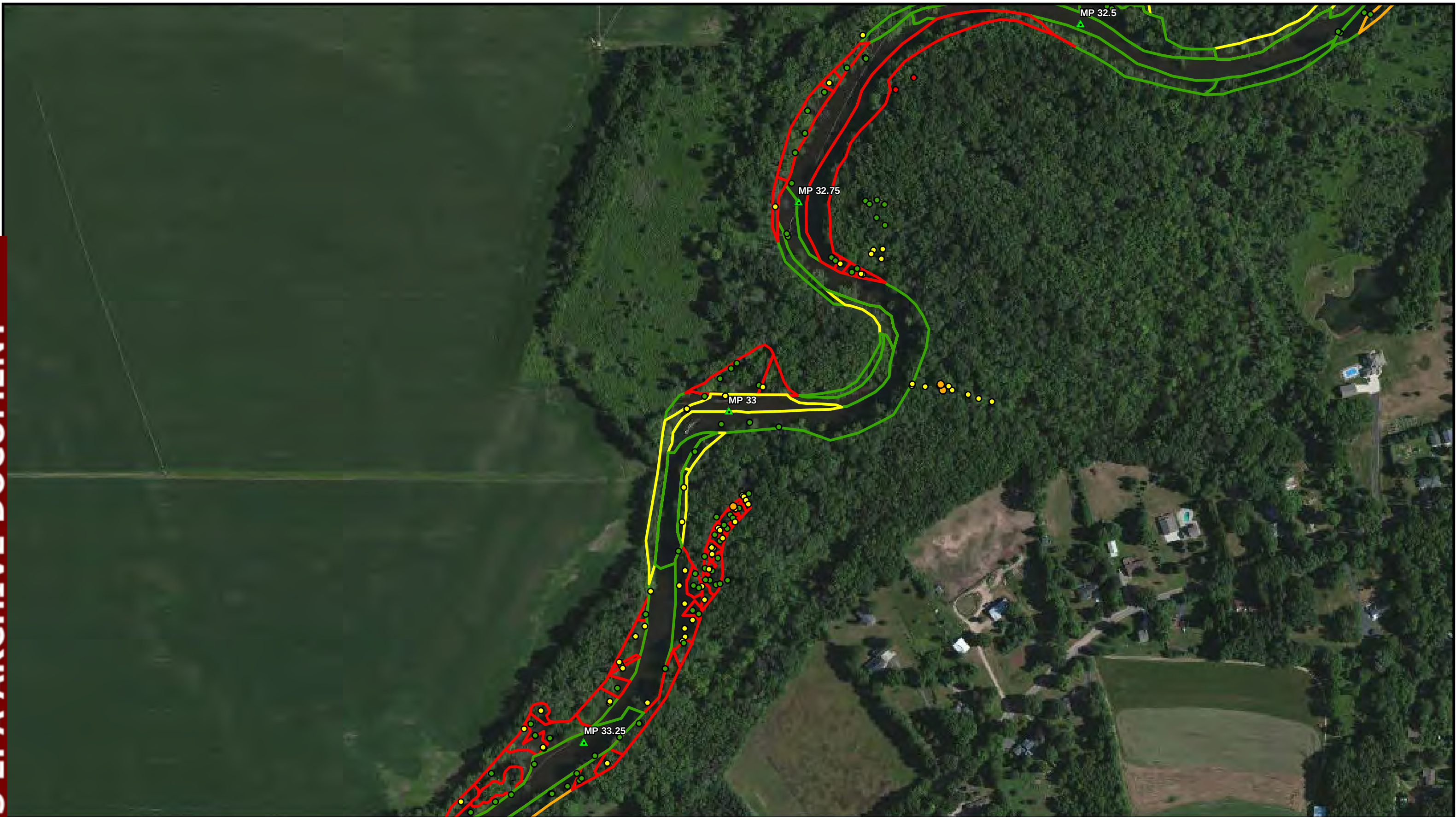


Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS



Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012



LSR 2011 Poling Locations

- Sub Oil Category
- Heavy
 - Moderate
 - Light
 - None

LSR 2011 Delineation Boundaries

- Heavy
- Moderate
- Light
- None

- ★ Approximate Release Site
- ▲ River Quarter Mile Marker

**FOR OFFICIAL
USE ONLY**

300



Feet



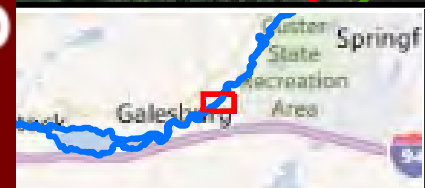
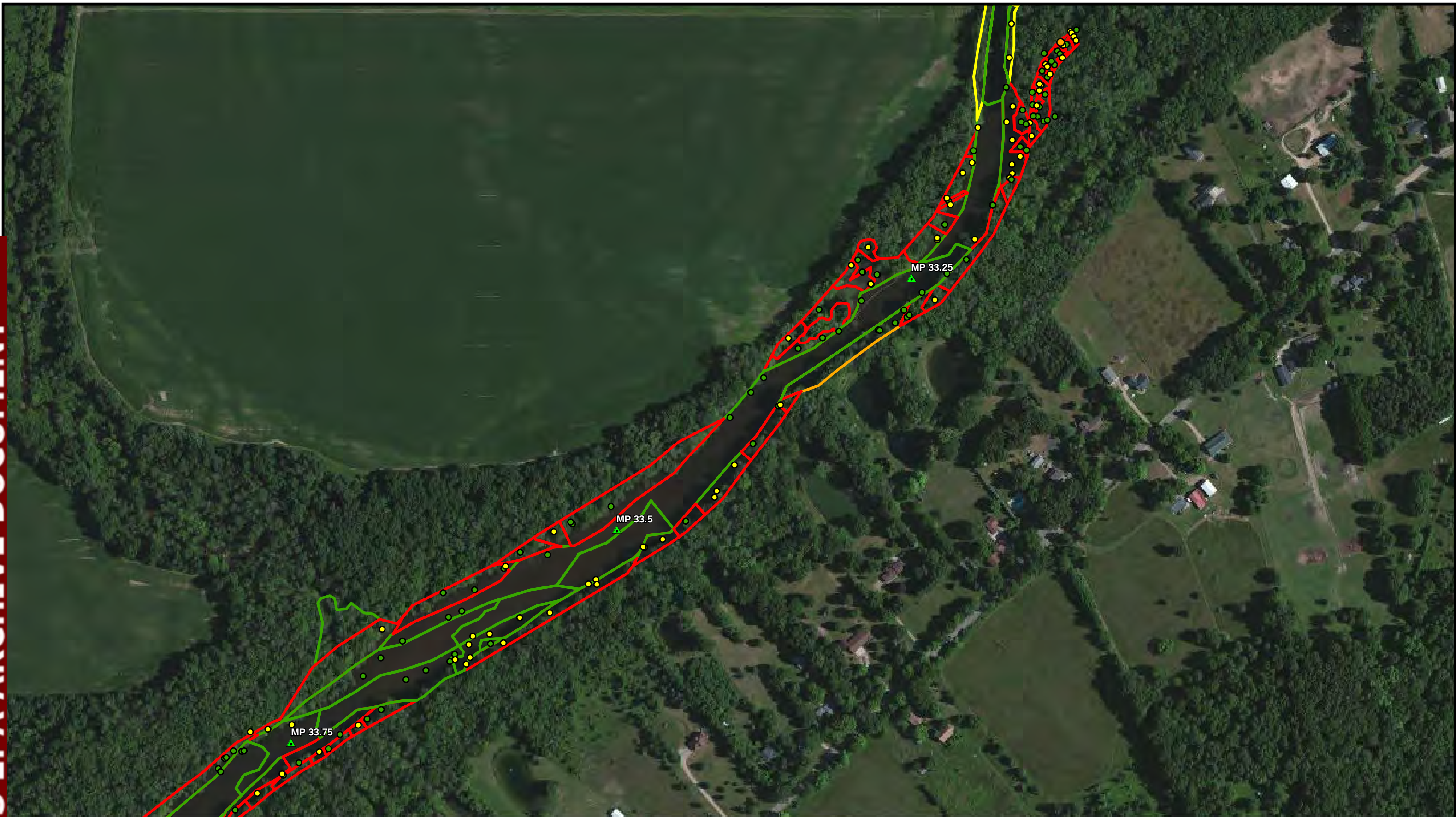
Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS



Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

**LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012**

Map 42 of 49



LSR 2011 Poling Locations	
Sub Oil Category	LSR 2011
● Heavy	● Heavy
● Moderate	● Moderate
● Light	● Light
● None	● None

LSR 2011 Delineation Boundaries	
■ Heavy	■ Light
■ Moderate	■ None

★ Approximate Release Site

▲ River Quarter Mile Marker

FOR OFFICIAL
USE ONLY

300



Feet



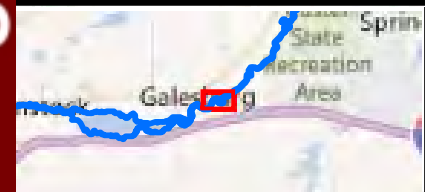
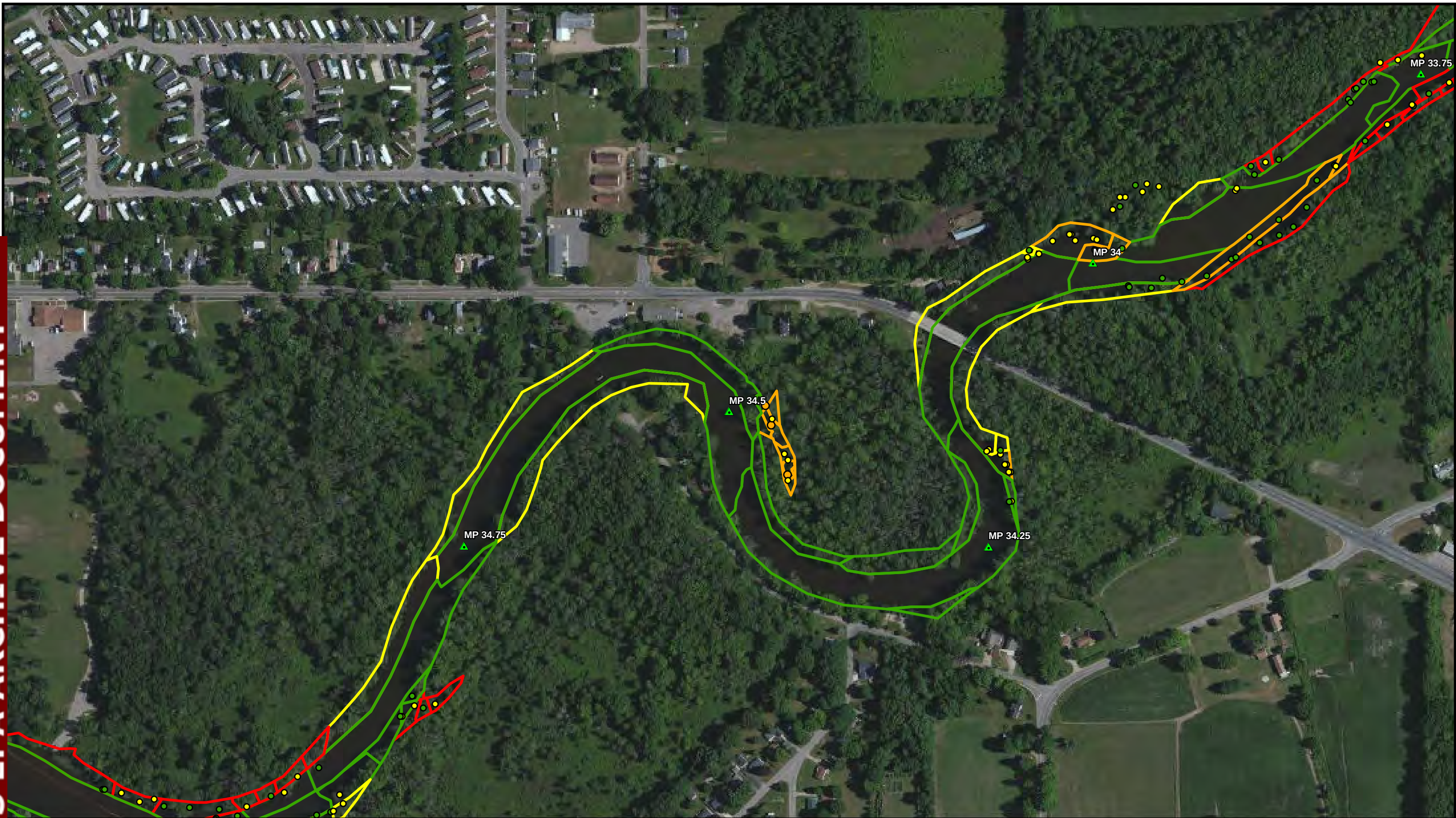
Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS



Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012

Map 43 of 49



LSR 2011 Poling Locations

Sub Oil Category	LSR 2011 Delineation Boundaries
● Heavy	■ Heavy
● Moderate	■ Moderate
● Light	■ Light
● None	■ None

★ Approximate Release Site
▲ River Quarter Mile Marker

FOR OFFICIAL USE ONLY

300 Feet

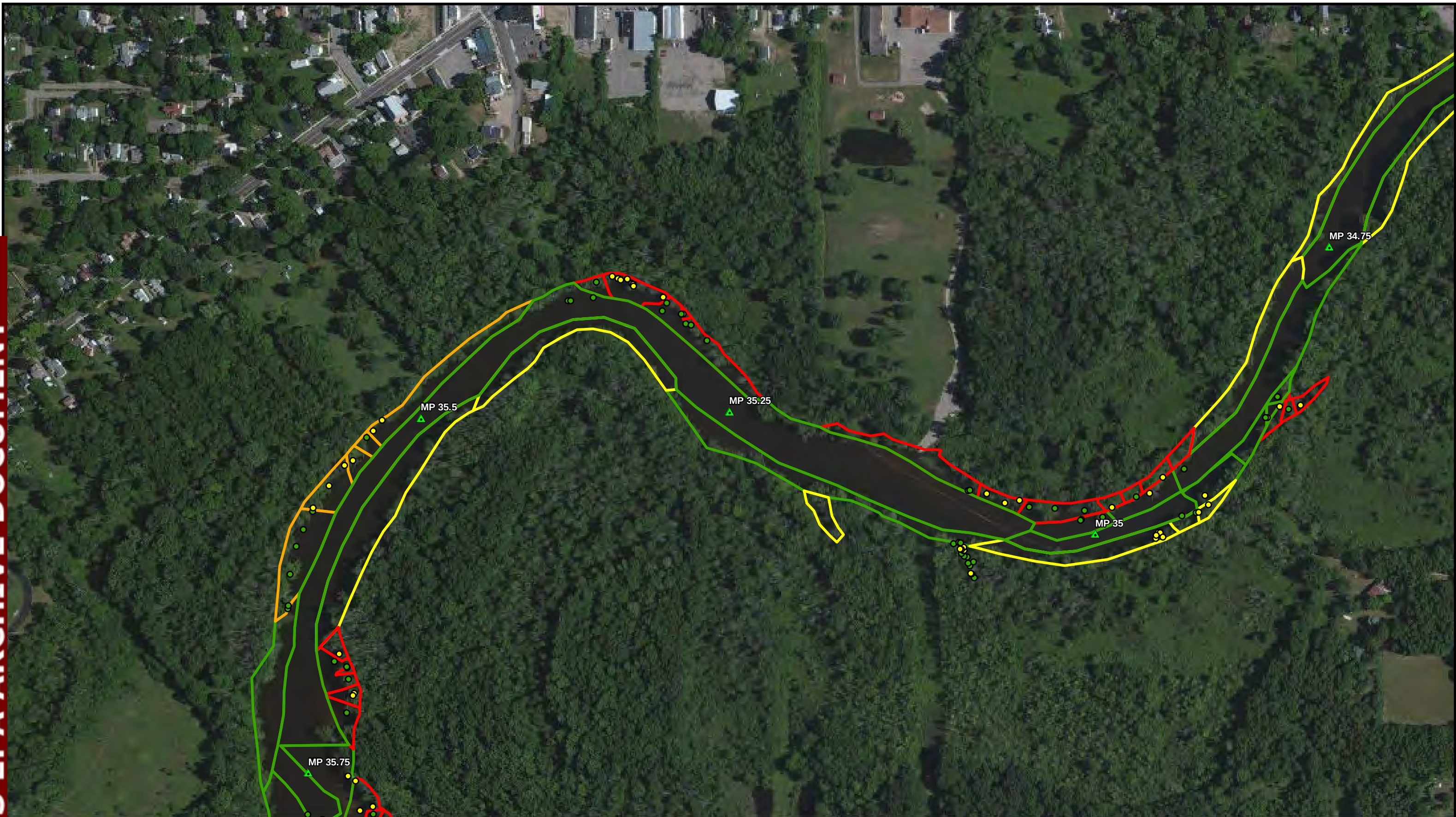
Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS

Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

LSR 2011 POLING REASSESSMENT LOCATIONS AND 2011 DELINEATION BOUNDARIES MARSHALL, MI PIPELINE RELEASE KALAMAZOO RIVER, MI

CREATED: SEPTEMBER 2012

Map 44 of 49



LSR 2011 Poling Locations	
Sub Oil Category	LSR 2011 Delineation Boundaries
● Heavy	■ Heavy
● Moderate	■ Moderate
● Light	■ None
● None	

★ Approximate Release Site
▲ River Quarter Mile Marker

**FOR OFFICIAL
USE ONLY**

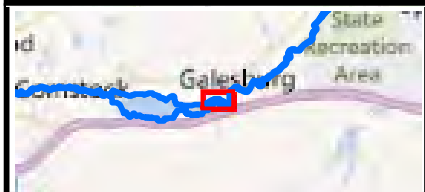
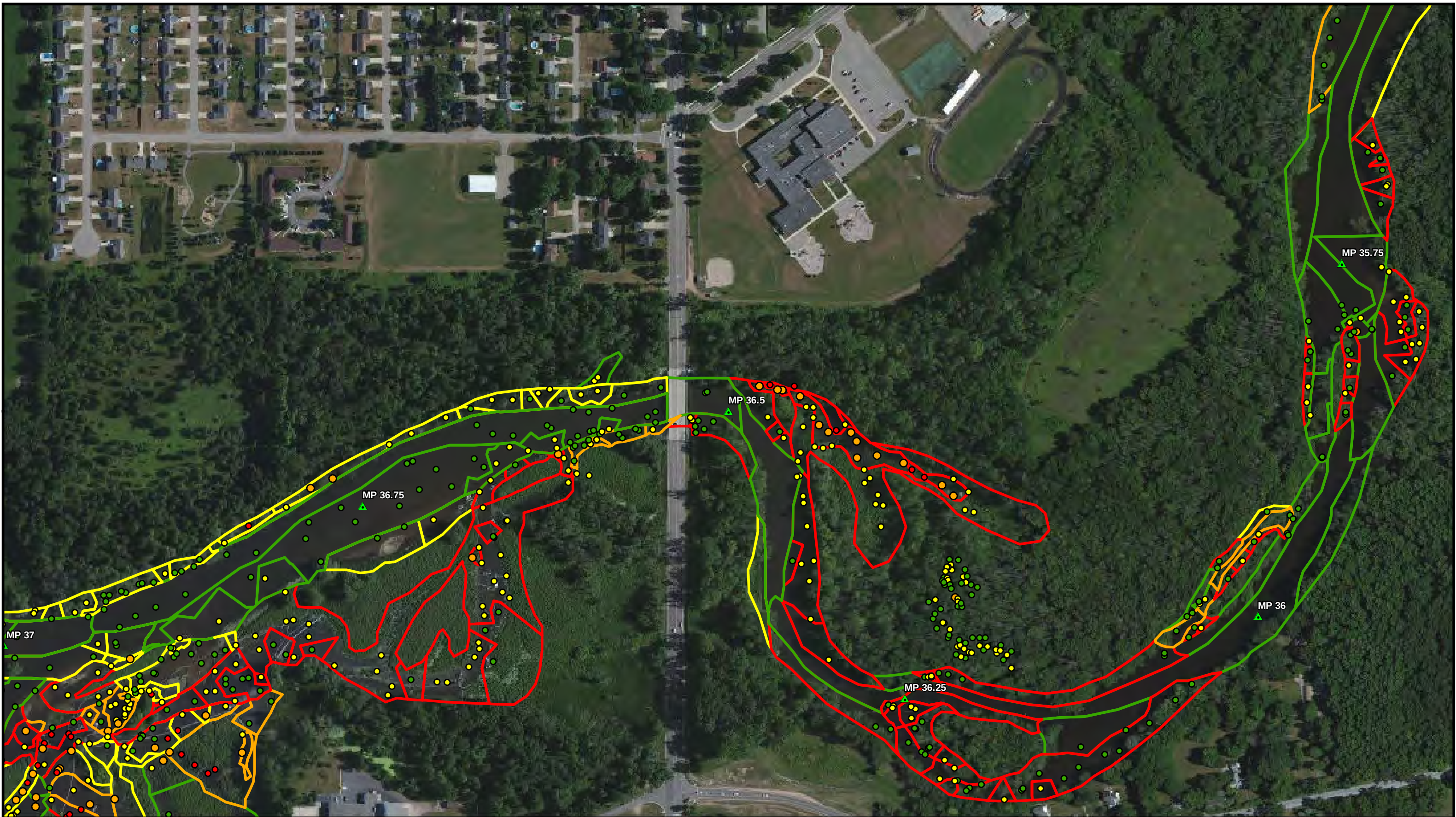
300
Feet

Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS

Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

**LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012**

Map 45 of 49



LSR 2011 Poling Locations	
Sub Oil Category	LSR 2011 Delineation Boundaries
● Heavy	■ Heavy
● Moderate	■ Moderate
● Light	■ None
● None	

★ Approximate Release Site
▲ River Quarter Mile Marker

FOR OFFICIAL USE ONLY

300 Feet

North Arrow

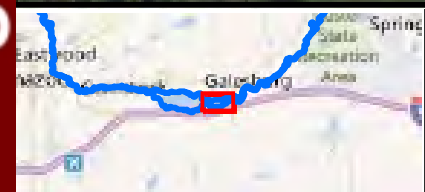
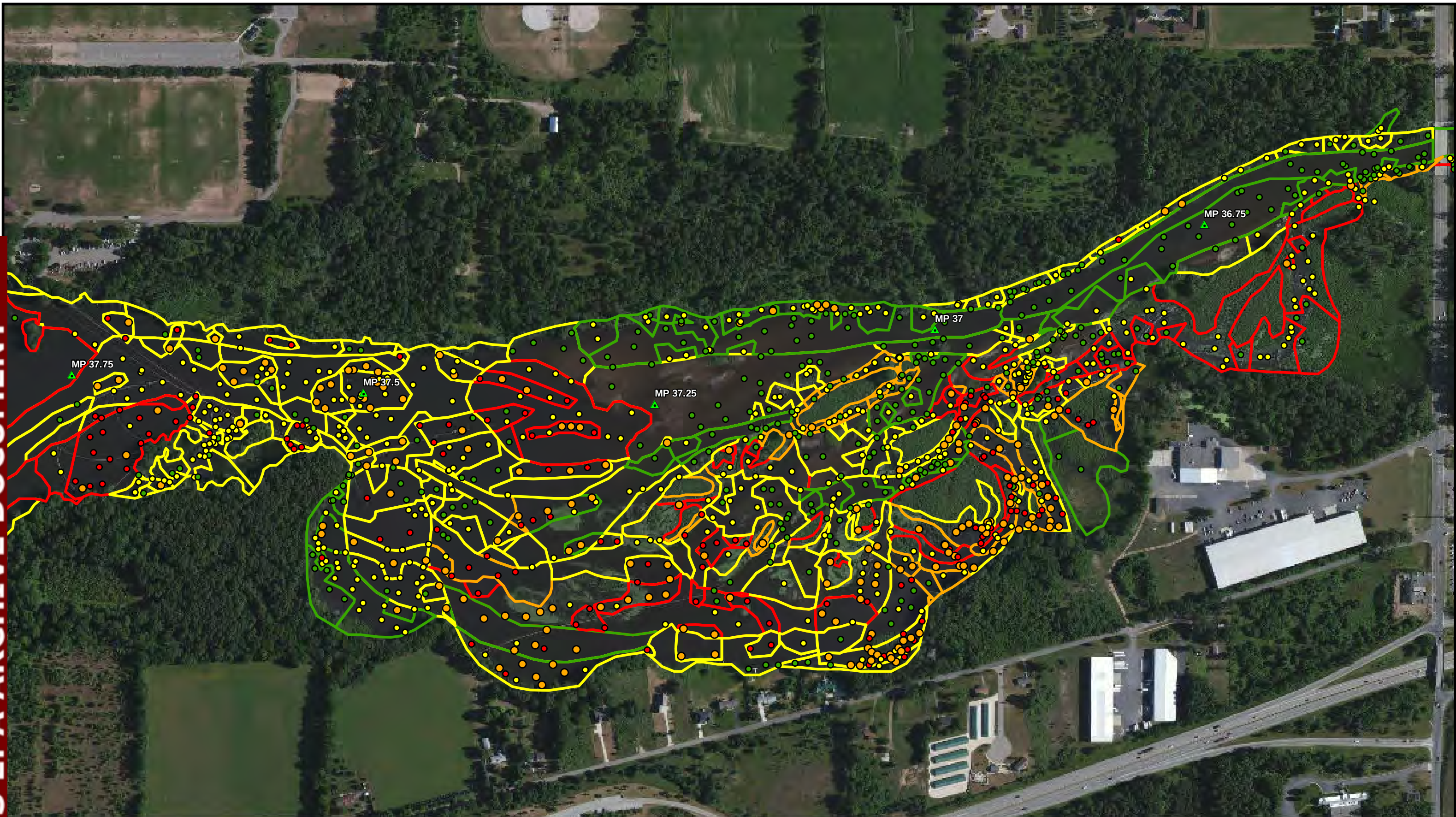
Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS

Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

LSR 2011 POLING REASSESSMENT LOCATIONS AND 2011 DELINEATION BOUNDARIES MARSHALL, MI PIPELINE RELEASE KALAMAZOO RIVER, MI

CREATED: SEPTEMBER 2012

Map 46 of 49



LSR 2011 Poling Locations

Sub Oil Category	LSR 2011 Delineation Boundaries
● Heavy	■ Heavy
● Moderate	■ Moderate
● Light	■ Light
● None	■ None

★ Approximate Release Site
▲ River Quarter Mile Marker

**FOR OFFICIAL
USE ONLY**

400
Feet



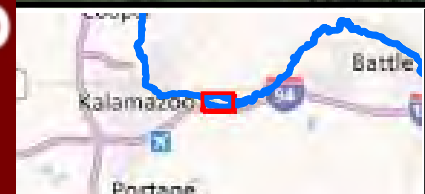
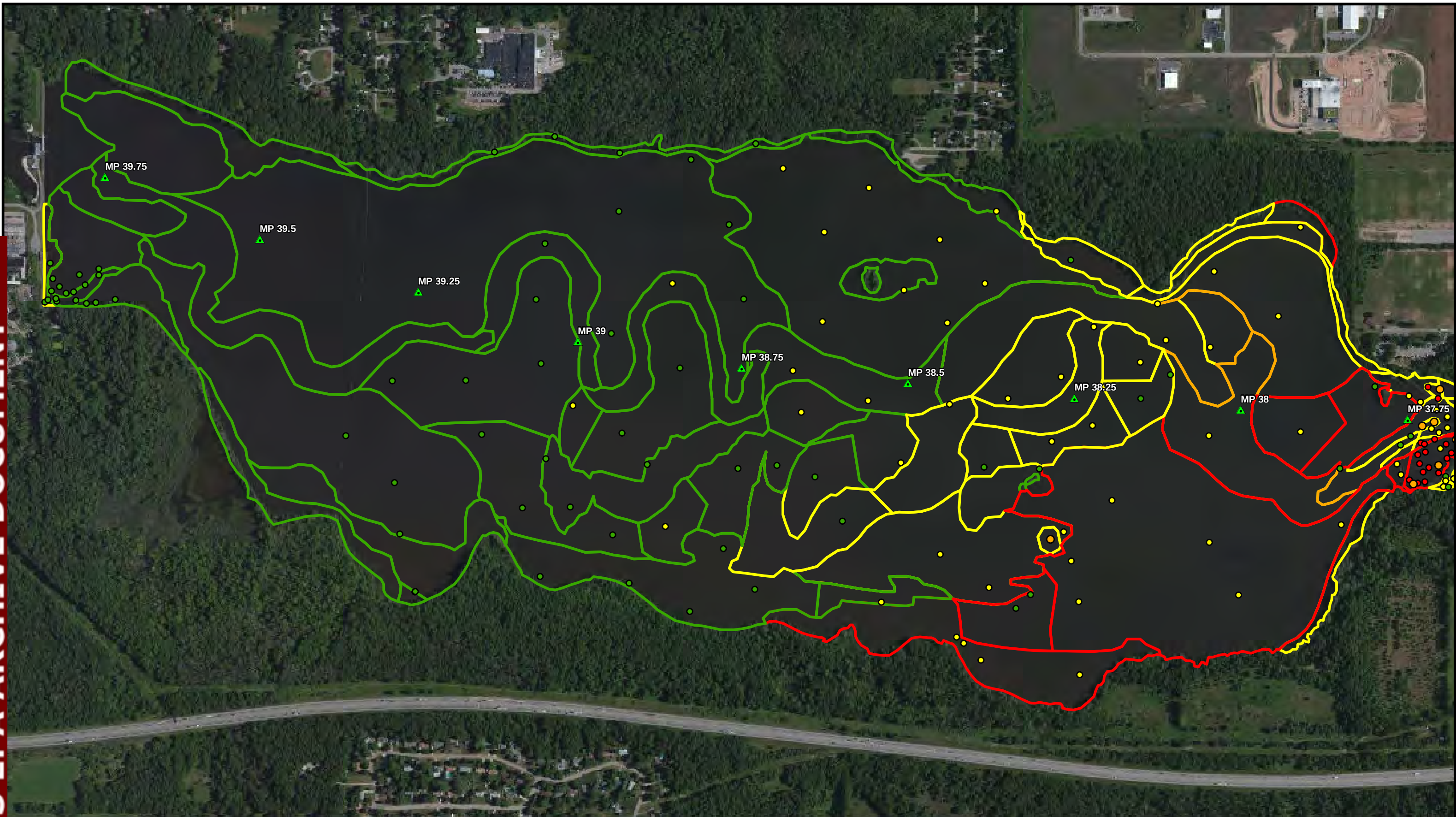
Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS



Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

**LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012**

Map 47 of 49



LSR 2011 Poling Locations
Sub Oil Category LSR 2011
Delineation Boundaries

● Heavy	● Heavy	● Light
● Moderate	● Moderate	● None
● Light		
● None		

★ Approximate Release Site
▲ River Quarter Mile Marker

**FOR OFFICIAL
USE ONLY**

700



Feet



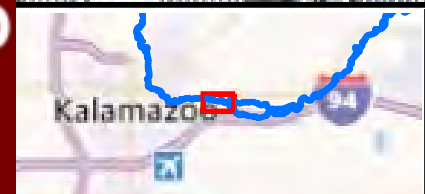
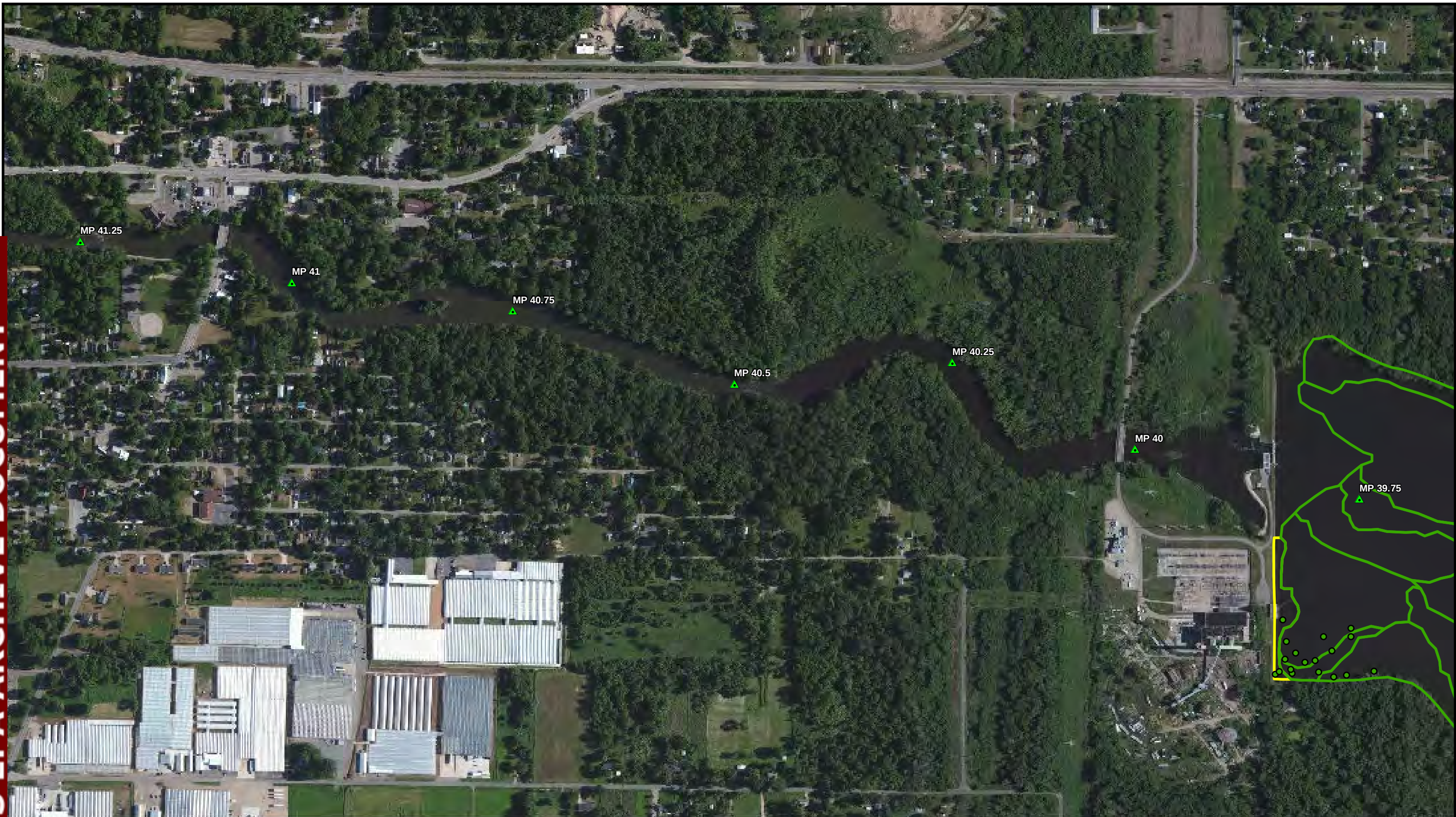
Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS



Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

**LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: AUGUST 2012**

Map 48 of 49



LSR 2011 Poling Locations
Sub Oil Category

- Heavy
- Moderate
- Light
- None

LSR 2011 Delineation Boundaries

- Heavy
- Moderate
- Light
- None

★ Approximate Release Site
▲ River Quarter Mile Marker

**FOR OFFICIAL
USE ONLY**

500



Feet



Prepared for:
U.S. EPA REGION V
Contract No.: EP-S5-06-04
TDD: S05-0005-1007-030
DCN: 1154-4D-AHMS



Prepared by:
WESTON SOLUTIONS, INC.
2501 Jolly Road, Suite 100
Okemos, MI

**LSR 2011 POLING REASSESSMENT LOCATIONS
AND 2011 DELINEATION BOUNDARIES
MARSHALL, MI PIPELINE RELEASE
KALAMAZOO RIVER, MI
CREATED: SEPTEMBER 2012**

Map 49 of 49