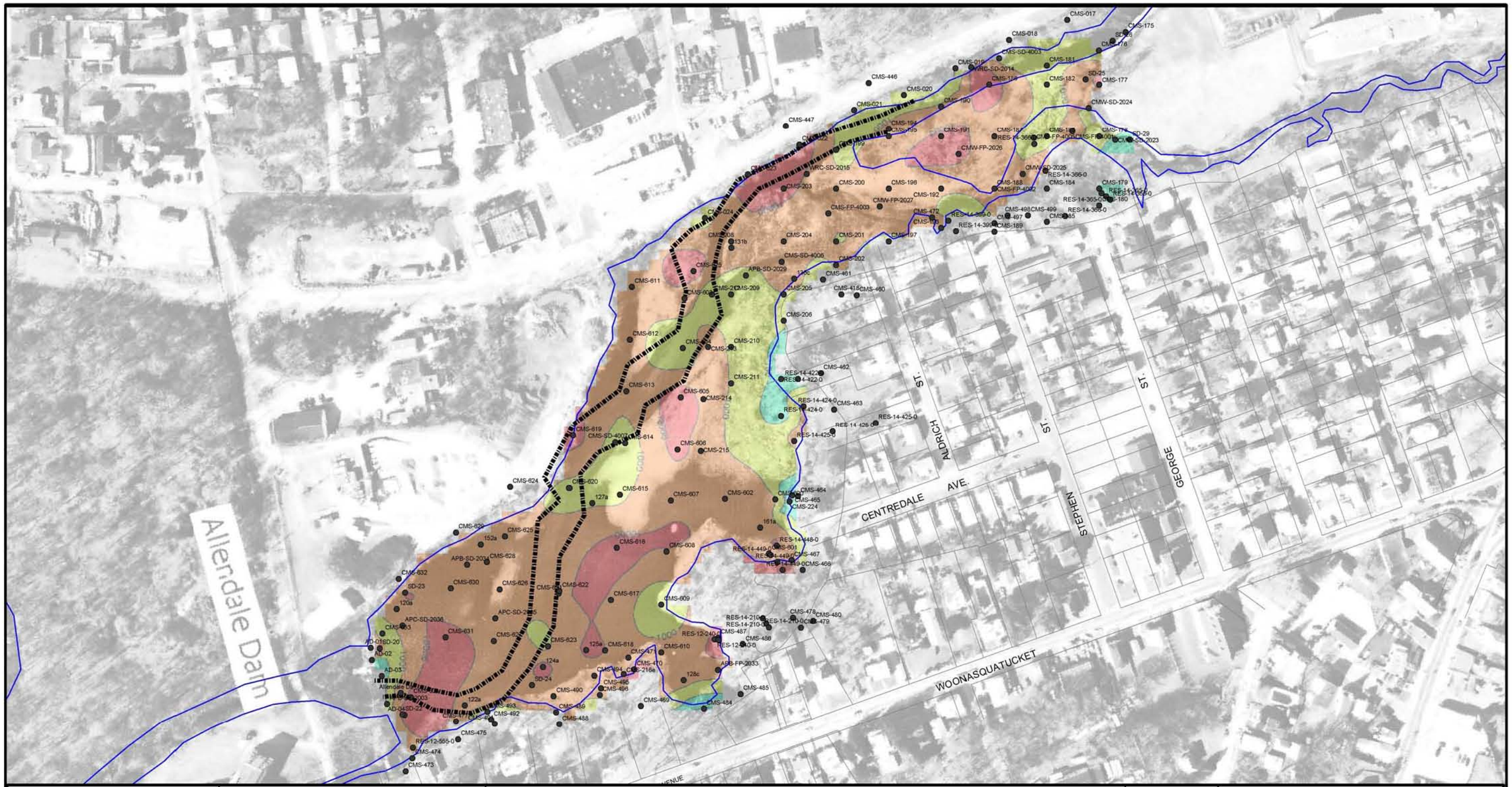


Battelle

0 100 200 400
Feet

Figure 1. Allendale surface (0-1ft) borings

Explanation:

Allendale Surface - Dioxin TEQ Concentration (NG/KG)

- >10,000
- 1,000 - 10,000
- 100 - 1,000
- 10 - 100
- <10

Contouring done using EarthVision geospatial modeling software (Method: Minimum Tension gridding algorithm)

Roads
1997 River Channel
Recent Flow (Scour) Channel

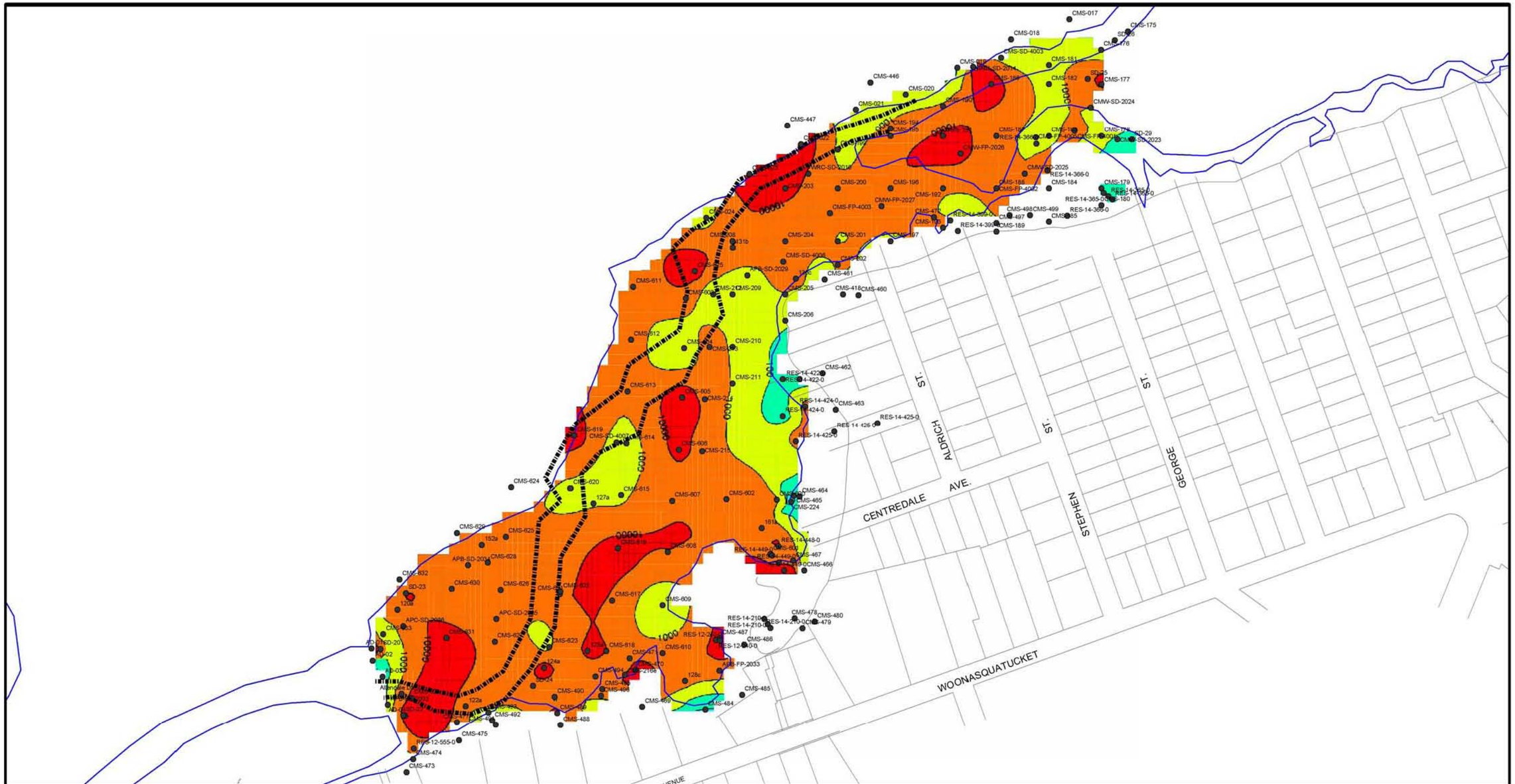
Note: Average concentration reported when more than one sample included in depth interval

N

Date: 4/26

Document: Map_JH_AD_sed_sfc_rect.mxd
Drawn By: Jim Hicks (Battelle)
Checked by: Patty White (Battelle)
Projection: Rhode Island State Plane (NAD 83 Feet)

SDMS DocID 494726



Battelle

0 100 200 400
Feet

Figure 2. Allendale surface (0-1ft) borings

Explanation:

Allendale Surface - Dioxin TEQ Concentration (NG/KG)

- >10,000
- 1,000 - 10,000
- 100 - 1,000
- 10 - 100
- <10

Contouring done using EarthVision geospatial modeling software (Method: Minimum Tension gridding algorithm)

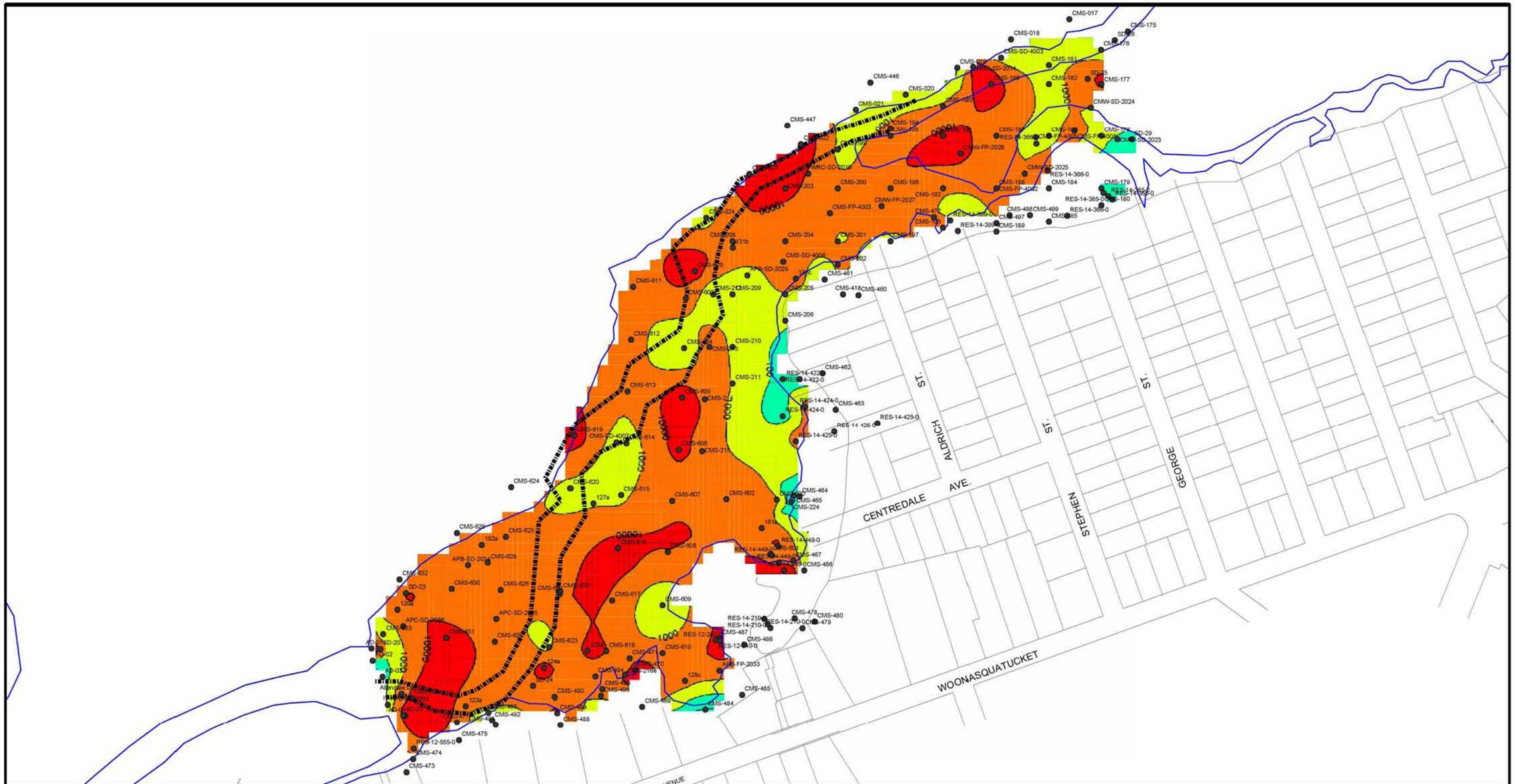
Roads
1997 River Channel
Recent Flow (Scour) Channel

Note: Average concentration reported when more than one sample included in depth interval

N

Date: 4/26

Document: Map_JH_AD_sed_sfc_rect.mxd
Drawn By: Jim Hicks (Battelle)
Checked by: Patty White (Battelle)
Projection: Rhode Island State Plane (NAD 83 Feet)



Battelle

0 100 200 400
Feet

Figure 2. Allendale surface (0-1ft) borings

Explanation:

Allendale Surface - Dioxin TEQ Concentration (NG/KG)

- >10,000
- 1,000 - 10,000
- 100 - 1,000
- 10 - 100
- <10

Contouring done using EarthVision geospatial modeling software (Method: Minimum Tension gridding algorithm)

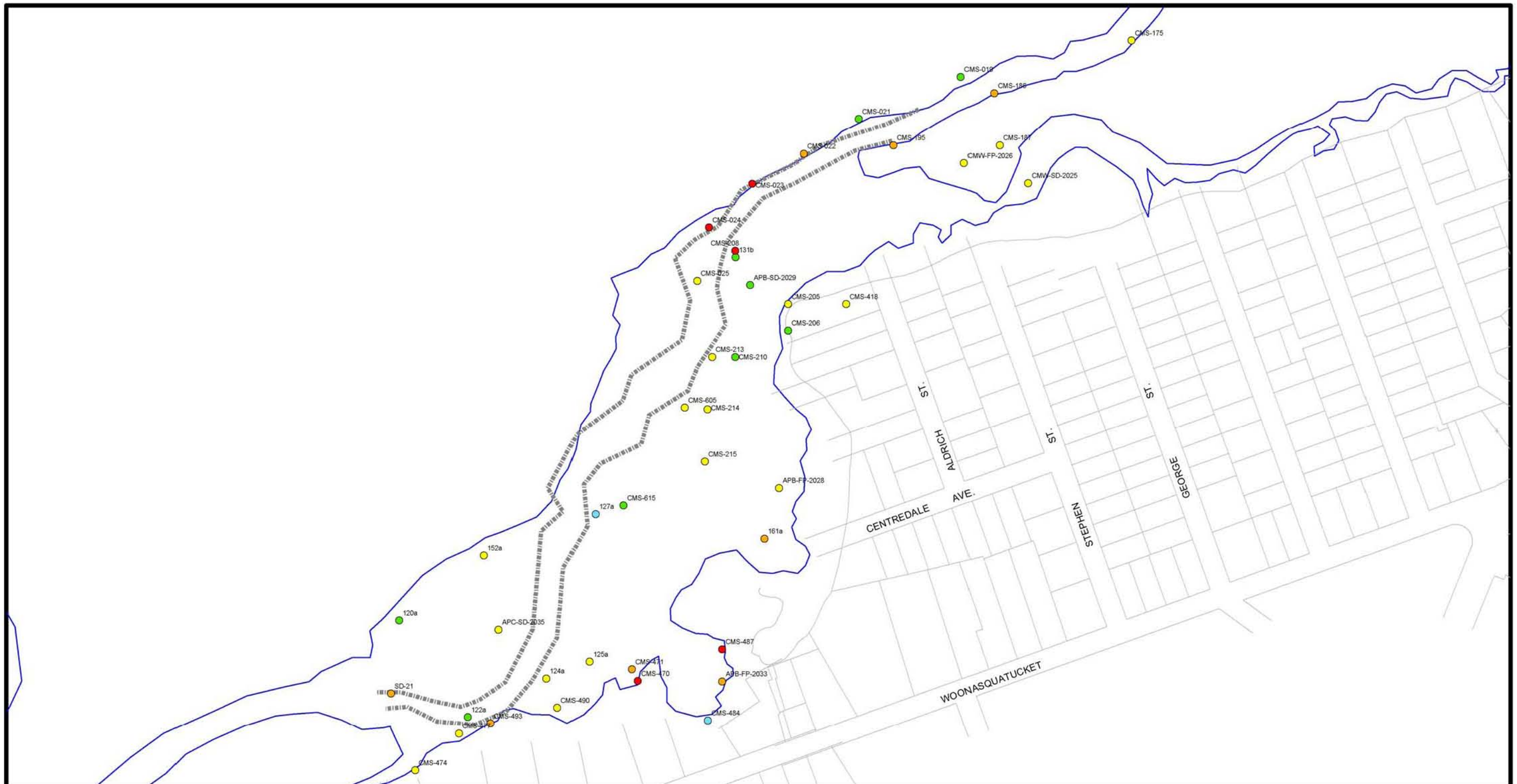
Roads
1997 River Channel
Recent Flow (Scour) Channel

Note: Average concentration reported when more than one sample included in depth interval

N

Date: 4/26

Document: Map_JH_AD_sed_sfc_rect.mxd
Drawn By: Jim Hicks (Battelle)
Checked by: Patty White (Battelle)
Projection: Rhode Island State Plane (NAD 83 Feet)



Battelle

0 100 200 400
Feet

Figure 3. Allendale subsurface (1-2 ft) borings

Explanation:

Roads
1997 River Channel
Recent Flow (Scour) Channel

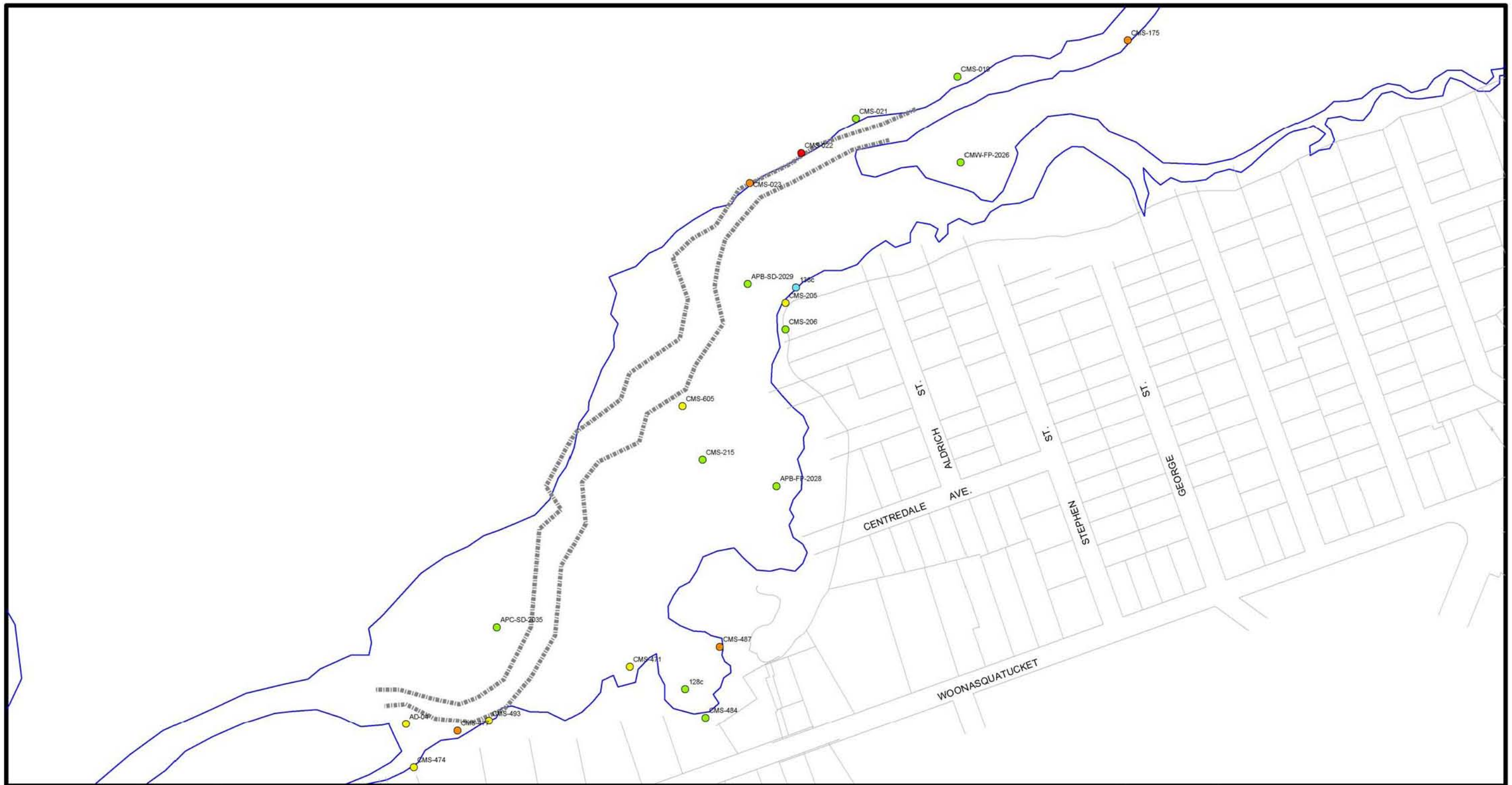
Allendale Subsurface Borings (1-2ft)
Dioxin TEQ Concentration (NG/KG)
- 0 - 10
- 10 - 100
- 100 - 1000
- 1000 - 10000
- >10000

Note: Average concentration reported when more than one sample included in depth interval

N

Date: 4/26

Document: Map_JH_AD_sed_r02.mxd
Drawn By: Jim Hicks (Battelle)
Checked by: Patty White (Battelle)
Projection: Rhode Island State Plane (NAD 83 Feet)



Battelle

0 100 200 400
Feet

Figure 4. Allendale subsurface (2-3 ft) borings

Explanation:

Roads

1997 River Channel

Recent Flow (Scour) Channel

Allendale Subsurface Borings (2-3ft)
Dioxin TEQ Concentration (NG/KG)

- 0 - 10
- 10 - 100
- 100 - 1000
- 1000 - 10000
- >10000

Note: Average concentration reported when more than one sample included in depth interval

N

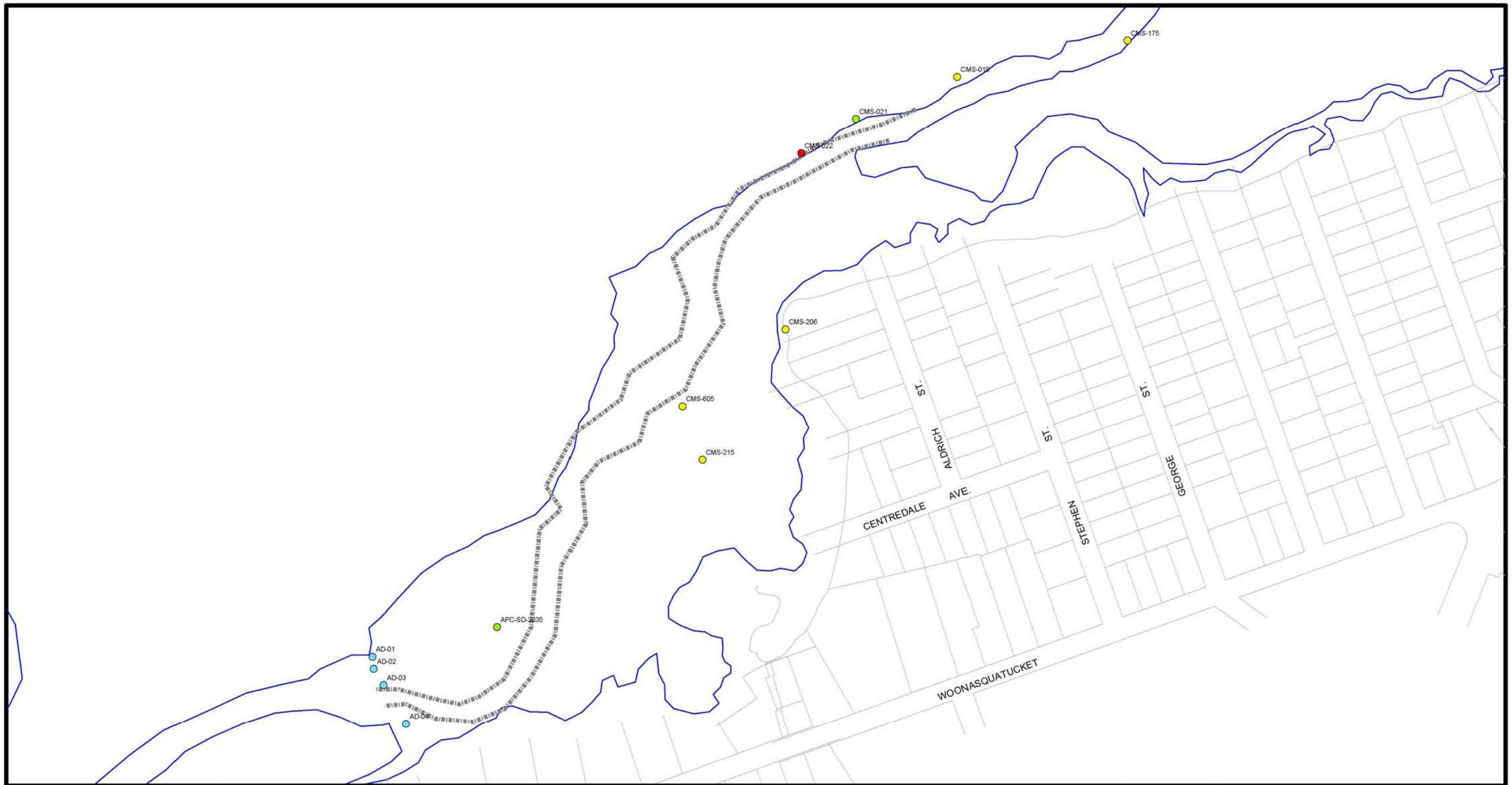
Date: 4/26

Document: Map_JH_AD_sed_r02.mxd

Drawn By: Jim Hicks (Battelle)

Checked by: Patty White (Battelle)

Projection: Rhode Island State Plane (NAD 83 Feet)



Battelle

0 100 200 400
Feet

Figure 5. Allendale subsurface (>3 ft) borings

Explanation:

Roads

1997 River Channel

Recent Flow (Scour) Channel

Allendale Subsurface Borings (>3 ft)
Dioxin TEQ Concentration (NG/KG)

- 0 - 10
- 10 - 100
- 100 - 1000
- 1000 - 10000
- >10000

Note: Average concentration reported when more than one sample included in depth interval

N

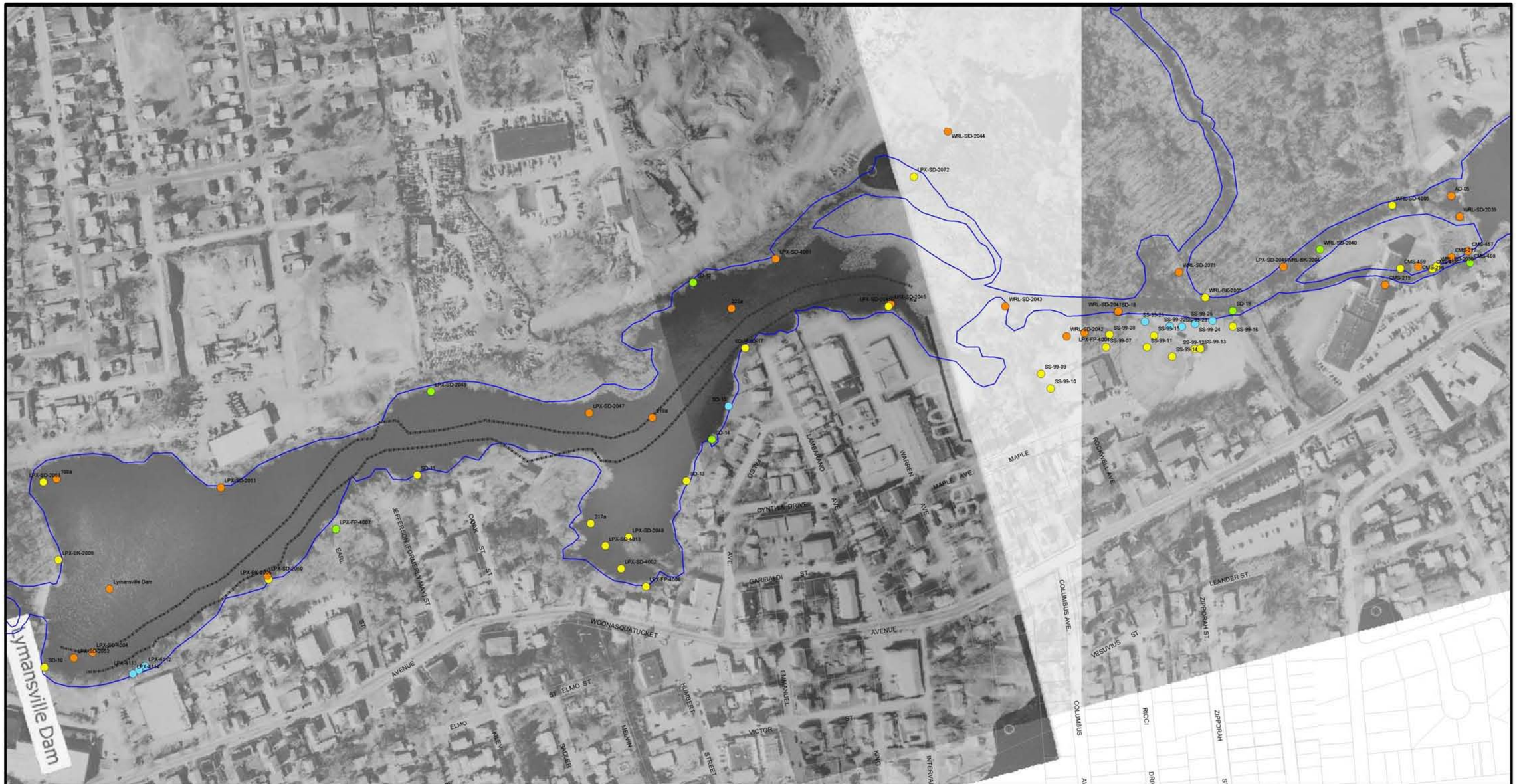
Date: 4/26

Document: Map_JH_AD_sed_r02.mxd

Drawn By: Jim Hicks (Battelle)

Checked by: Patty White (Battelle)

Projection: Rhode Island State Plane (NAD 83 Feet)



Battelle

0 150 300 600
Feet

Figure 6. Lyman Mill surface (0-1 ft) borings

Explanation:

Roads

1997 River Channel

Recent Flow (Scour) Channel

Lyman Mill Surface (0-1 ft) Borings

Dioxin TEQ Concentration (NG/KG)

- 0 - 10
- 10 - 100
- 100 - 1000
- 1000 - 10000
- >10000

Note: Average concentration reported when more than one sample included in depth interval

N

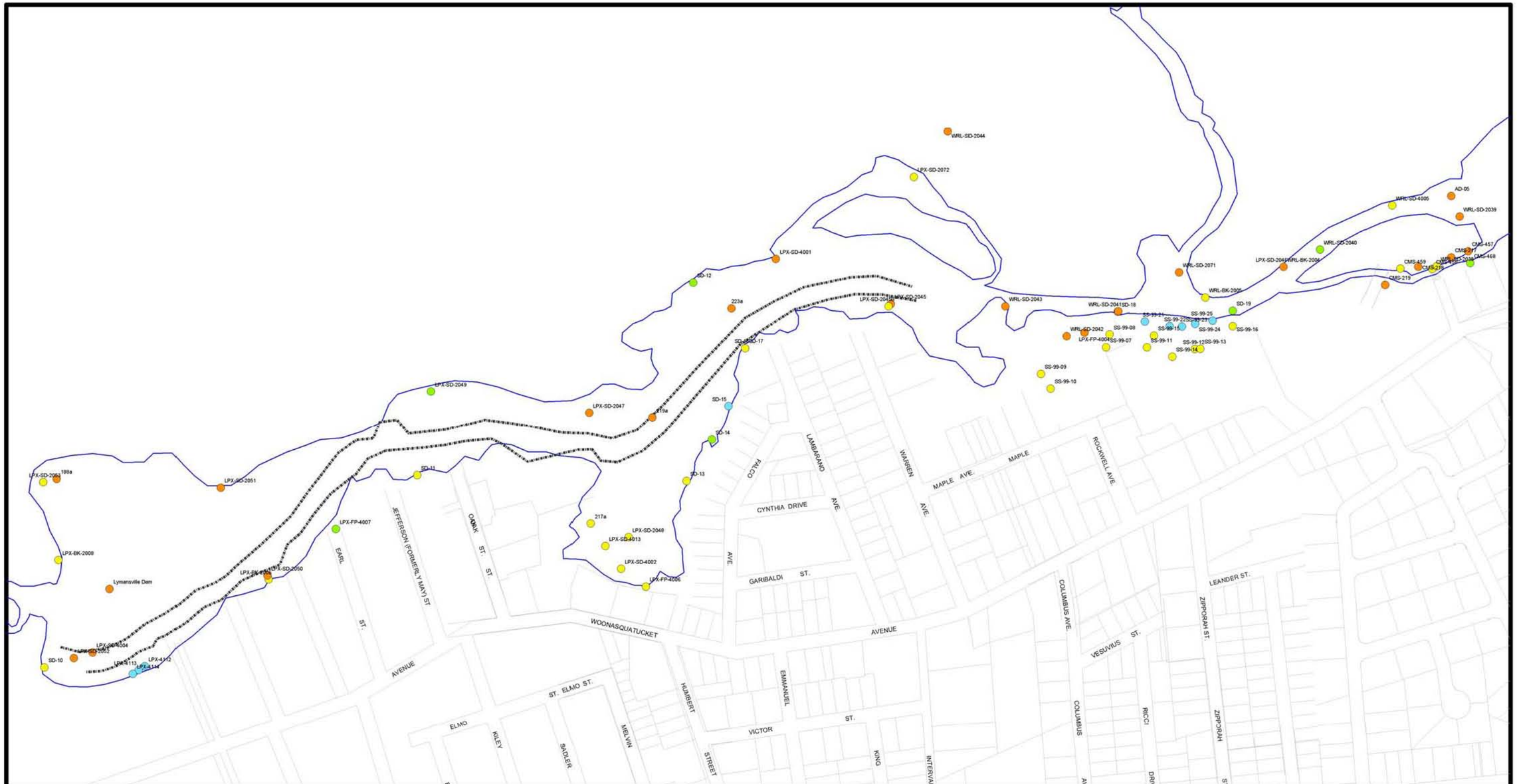
Date: 4/26

Document: Map_JH_LM_sed.mxd

Drawn By: Jim Hicks (Battelle)

Checked by: Patty White (Battelle)

Projection: Rhode Island State Plane (NAD 83 Feet)



Battelle

0 150 300 600
Feet

Figure 7. Lyman Mill surface (0-1 ft) borings

Explanation:

Roads

1997 River Channel

Recent Flow (Scour) Channel

Lyman Mill Surface (0-1 ft) Borings
Dioxin TEQ Concentration (NG/KG)

- 0 - 10
- 10 - 100
- 100 - 1000
- 1000 - 10000
- >10000

Note: Average concentration reported when more than one sample included in depth interval

N

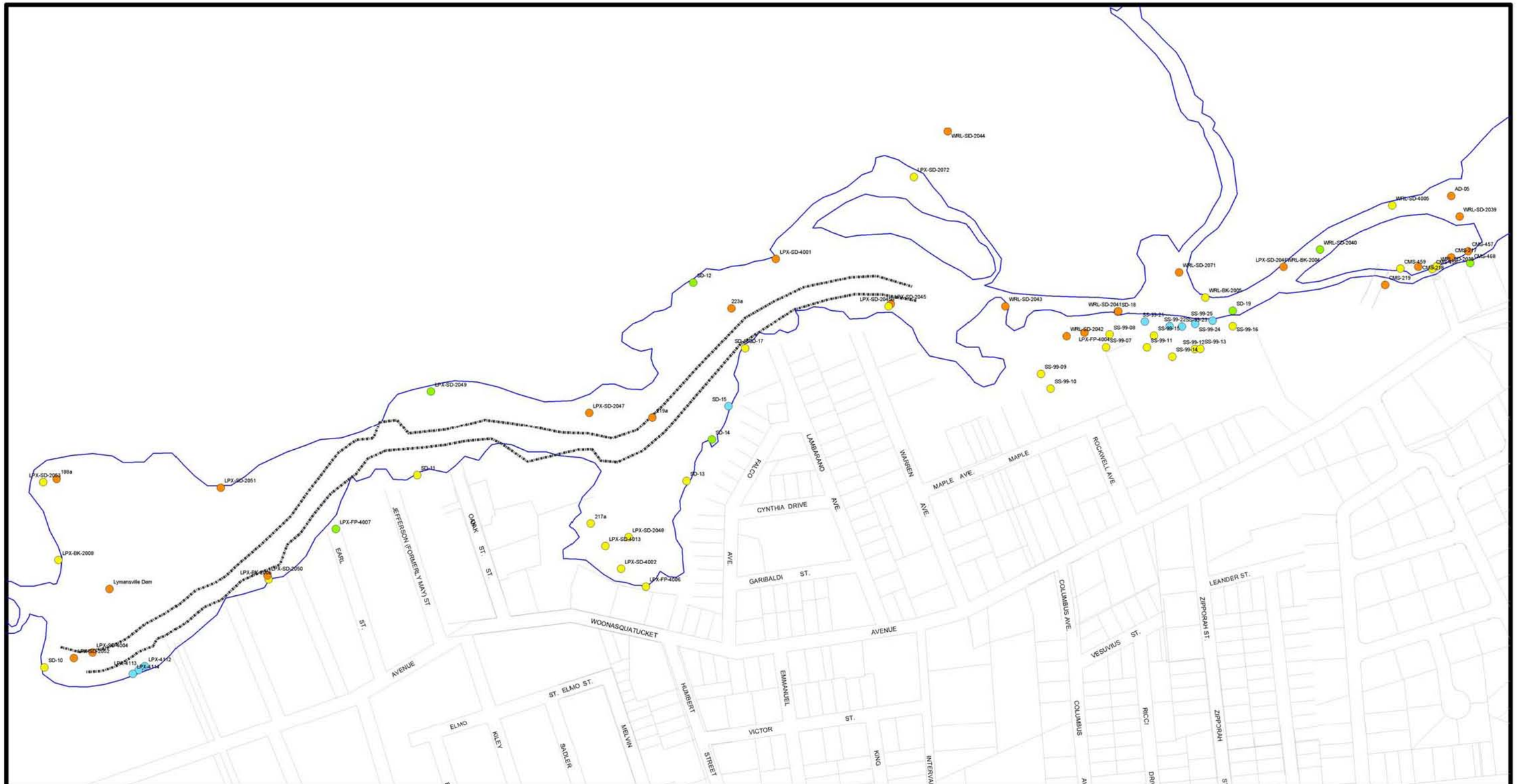
Date: 4/26

Document: Map_JH_LM_sed.mxd

Drawn By: Jim Hicks (Battelle)

Checked by: Patty White (Battelle)

Projection: Rhode Island State Plane (NAD 83 Feet)



Battelle

0 150 300 600
Feet

Figure 7. Lyman Mill surface (0-1 ft) borings

Explanation:

Roads

1997 River Channel

Recent Flow (Scour) Channel

Lyman Mill Surface (0-1 ft) Borings
Dioxin TEQ Concentration (NG/KG)

- 0 - 10
- 10 - 100
- 100 - 1000
- 1000 - 10000
- >10000

Note: Average concentration reported when more than one sample included in depth interval

N

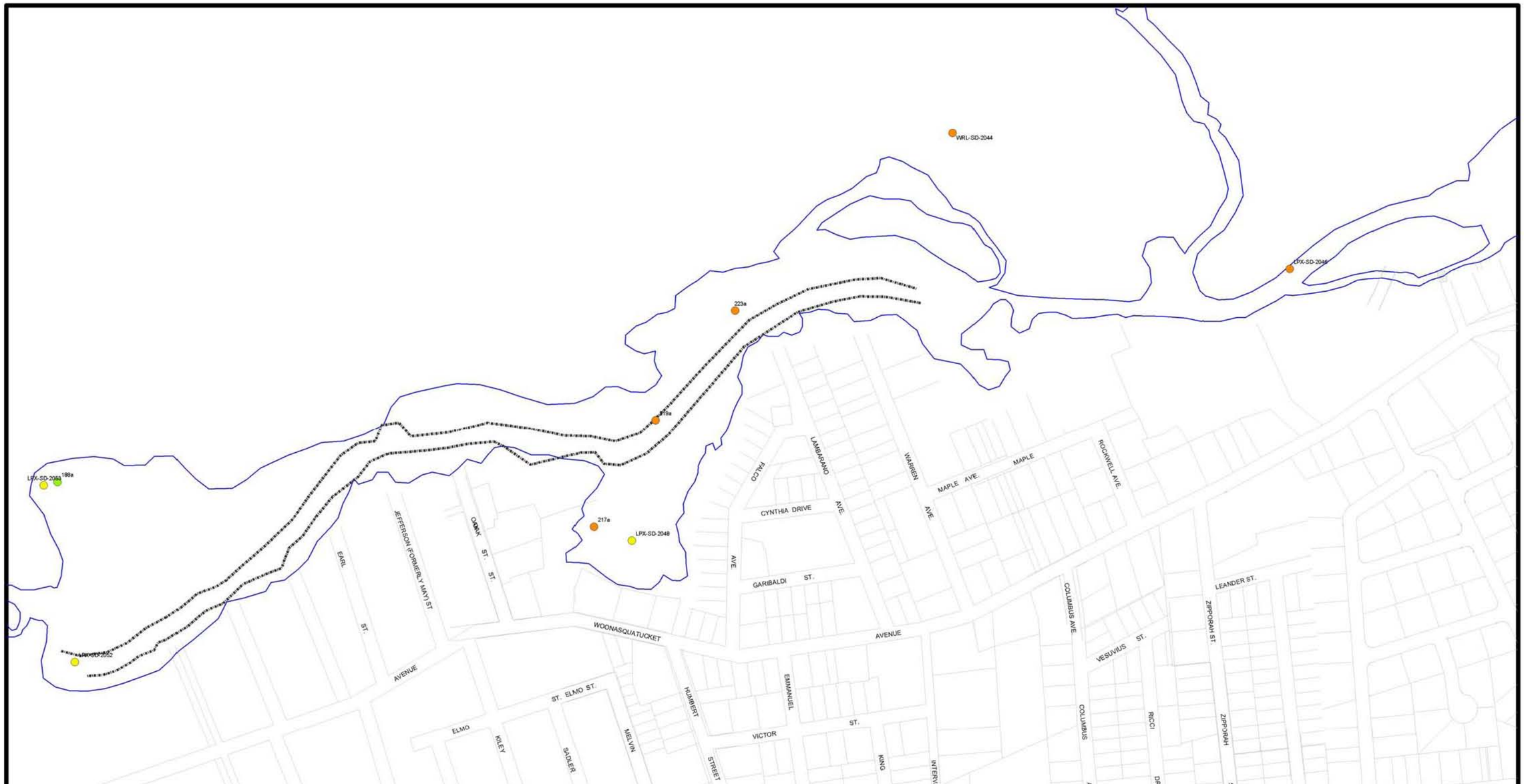
Date: 4/26

Document: Map_JH_LM_sed.mxd

Drawn By: Jim Hicks (Battelle)

Checked by: Patty White (Battelle)

Projection: Rhode Island State Plane (NAD 83 Feet)



Battelle

0 150 300 600
Feet

Explanation:

Roads

1997 River Channel

Recent Flow (Scour) Channel

Lyman Mill Subsurface (>1 ft) Borings
Dioxin TEQ Concentration (NG/KG)

- 0 - 10
- 10 - 100
- 100 - 1000
- 1000 - 10000
- >10000

Note: Average concentration reported when more than one sample included in depth interval

N

Date: 4/26

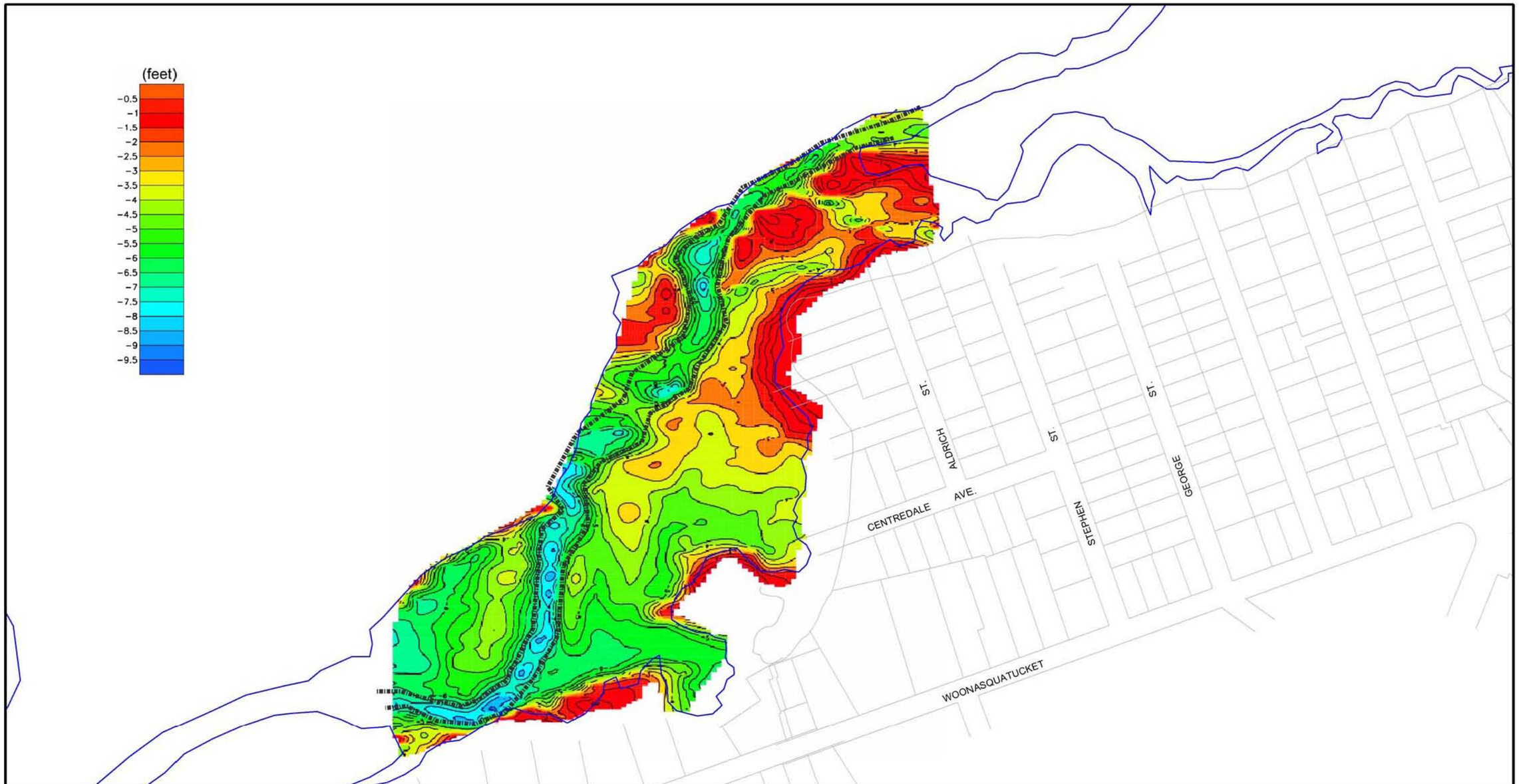
Document: Map_JH_LM_sed.mxd

Drawn By: Jim Hicks (Battelle)

Checked by: Patty White (Battelle)

Projection: Rhode Island State Plane (NAD 83 Feet)

Figure 8. Lyman Mill subsurface (>1 ft) borings



Battelle

0 95 190 380
Feet

Figure 9. Allendale water depth (0.5 ft contour interval)

Explanation:

Roads

1997 River Channel

Recent Flow (Scour) Channel

Contouring done using EarthVision geospatial modeling software (Method: Minimum Tension gridding algorithm)

N

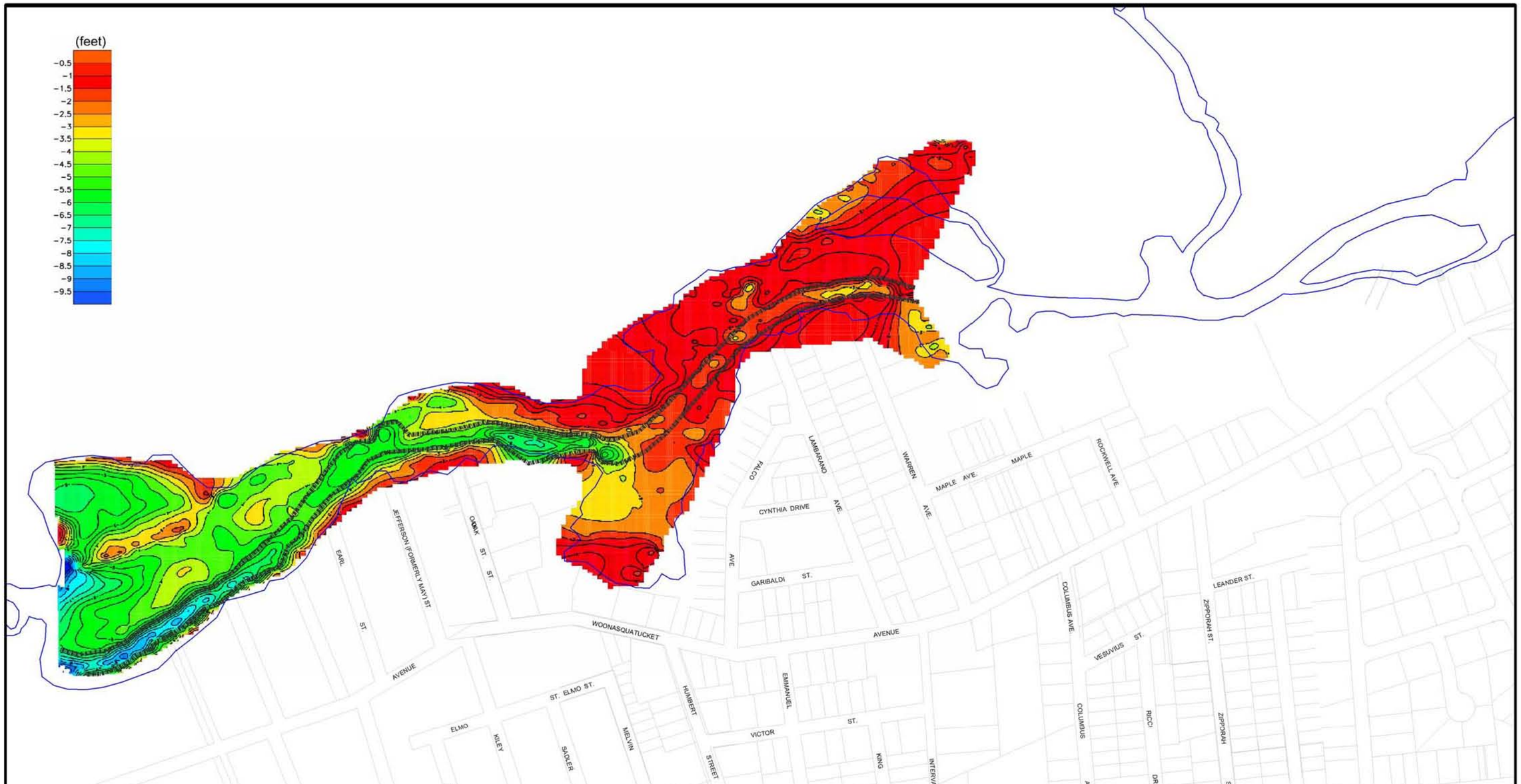
Date: 4/26

Document: Map_JH_AD_wd.mxd

Drawn By: Jim Hicks (Battelle)

Checked by: Patty White (Battelle)

Projection: Rhode Island State Plane (NAD 83 Feet)



Battelle

0 150 300 600
Feet

Figure 10 Lyman Mill water depth (0.5 ft contour interval)

Explanation:

Roads

1997 River Channel

Recent Flow (Scour) Channel

Contouring done using EarthVision geospatial modeling software (Method: Minimum Tension gridding algorithm)

N

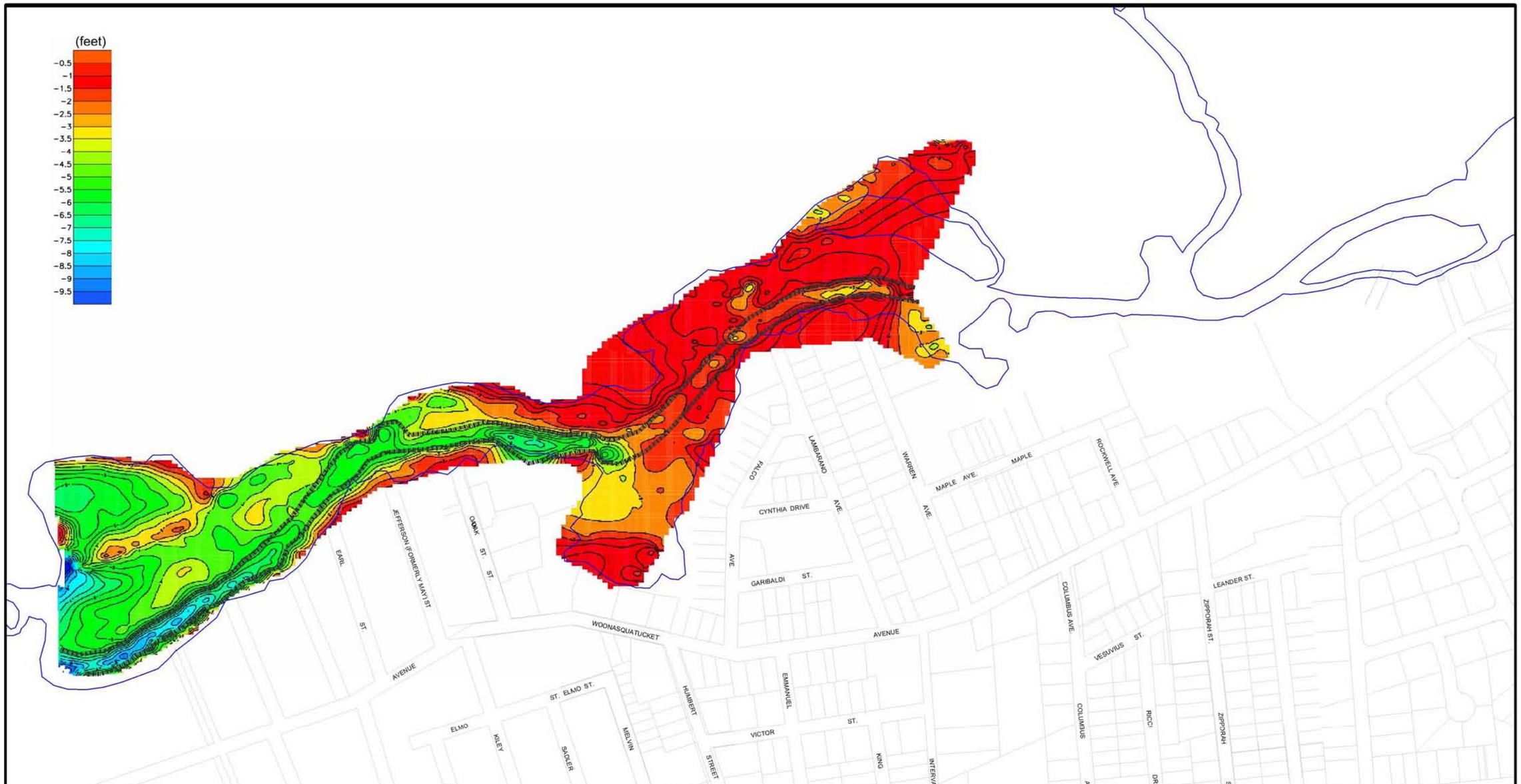
Date: 4/26

Document: Map_JH_LM_wd.mxd

Drawn By: Jim Hicks (Battelle)

Checked by: Patty White (Battelle)

Projection: Rhode Island State Plane (NAD 83 Feet)



Battelle

0 150 300 600
Feet

Figure 10 Lyman Mill water depth (0.5 ft contour interval)

Explanation:

Roads

1997 River Channel

Recent Flow (Scour) Channel

Contouring done using EarthVision geospatial modeling software (Method: Minimum Tension gridding algorithm)

N

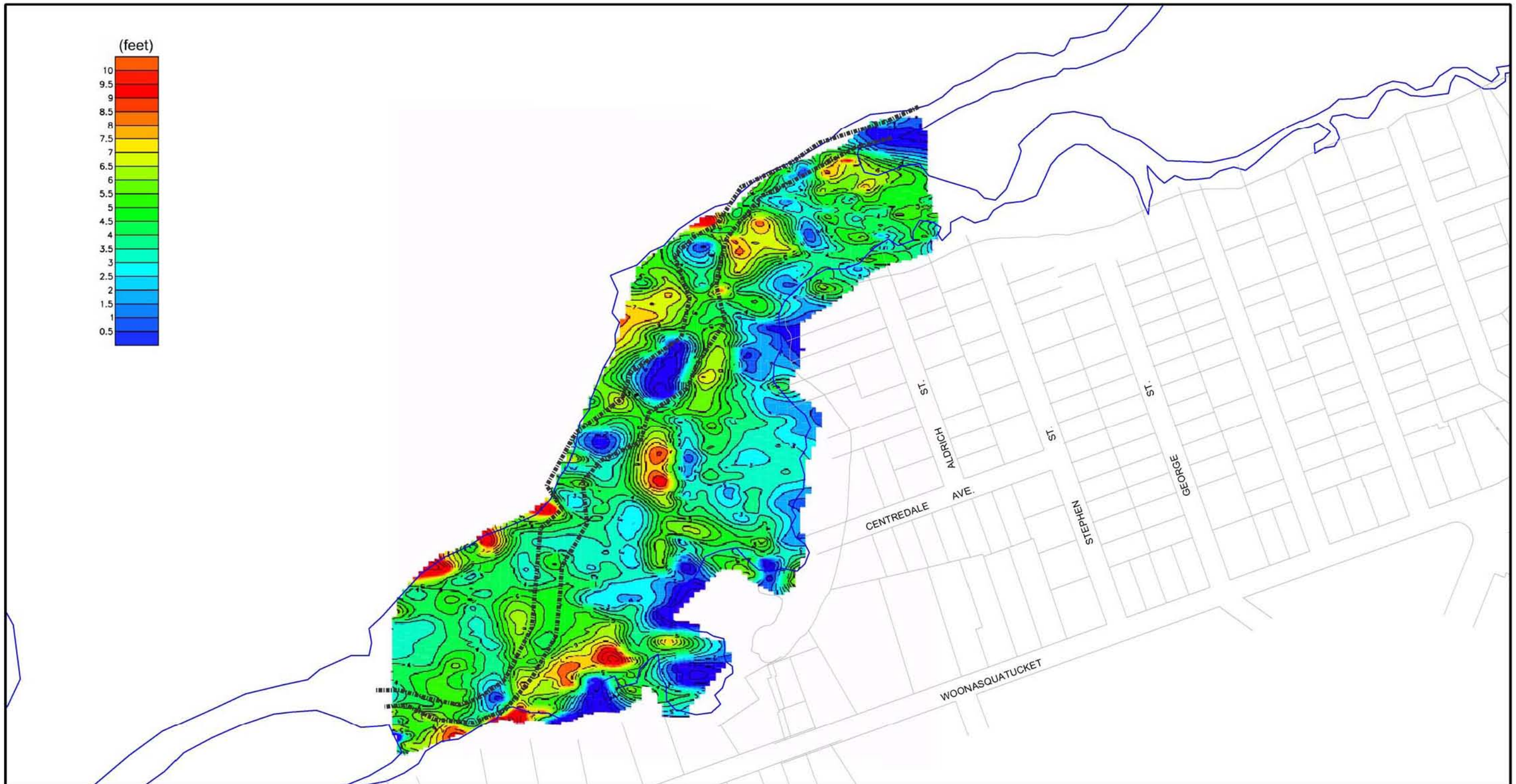
Date: 4/26

Document: Map_JH_LM_wd.mxd

Drawn By: Jim Hicks (Battelle)

Checked by: Patty White (Battelle)

Projection: Rhode Island State Plane (NAD 83 Feet)



Battelle

0 100 200 400
Feet

Figure 11. Allendale soft sediment thickness (0.5 ft contour interval)

Explanation:

Roads

1997 River Channel

Recent Flow (Scour) Channel

Contouring done using EarthVision geospatial modeling software (Method: Minimum Tension gridding algorithm)

N

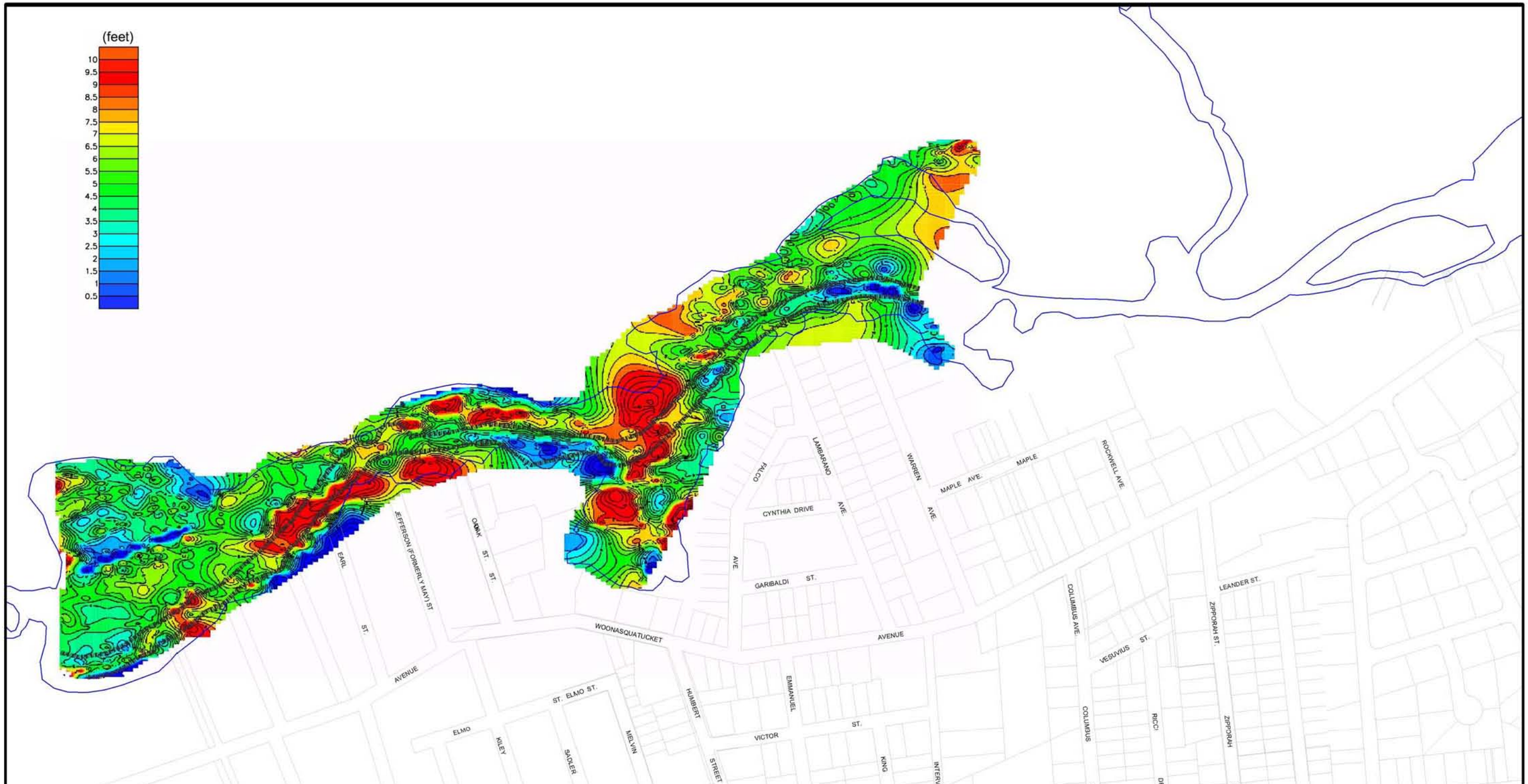
Document: Map_JH_AD_sst.mxd

Drawn By: Jim Hicks (Battelle)

Date: 4/26

Checked by: Patty White (Battelle)

Projection: Rhode Island State Plane (NAD 83 Feet)



Battelle

0 150 300 600
Feet

Figure 12. Lyman Mill soft sediment thickness (0.5 ft contour interval)

Explanation:

Roads

1997 River Channel

Recent Flow (Scour) Channel

Contouring done using EarthVision geospatial modeling software (Method: Minimum Tension gridding algorithm)

N

Date: 4/26

Document: Map_JH_LM_wd.mxd

Drawn By: Jim Hicks (Battelle)

Checked by: Patty White (Battelle)

Projection: Rhode Island State Plane (NAD 83 Feet)