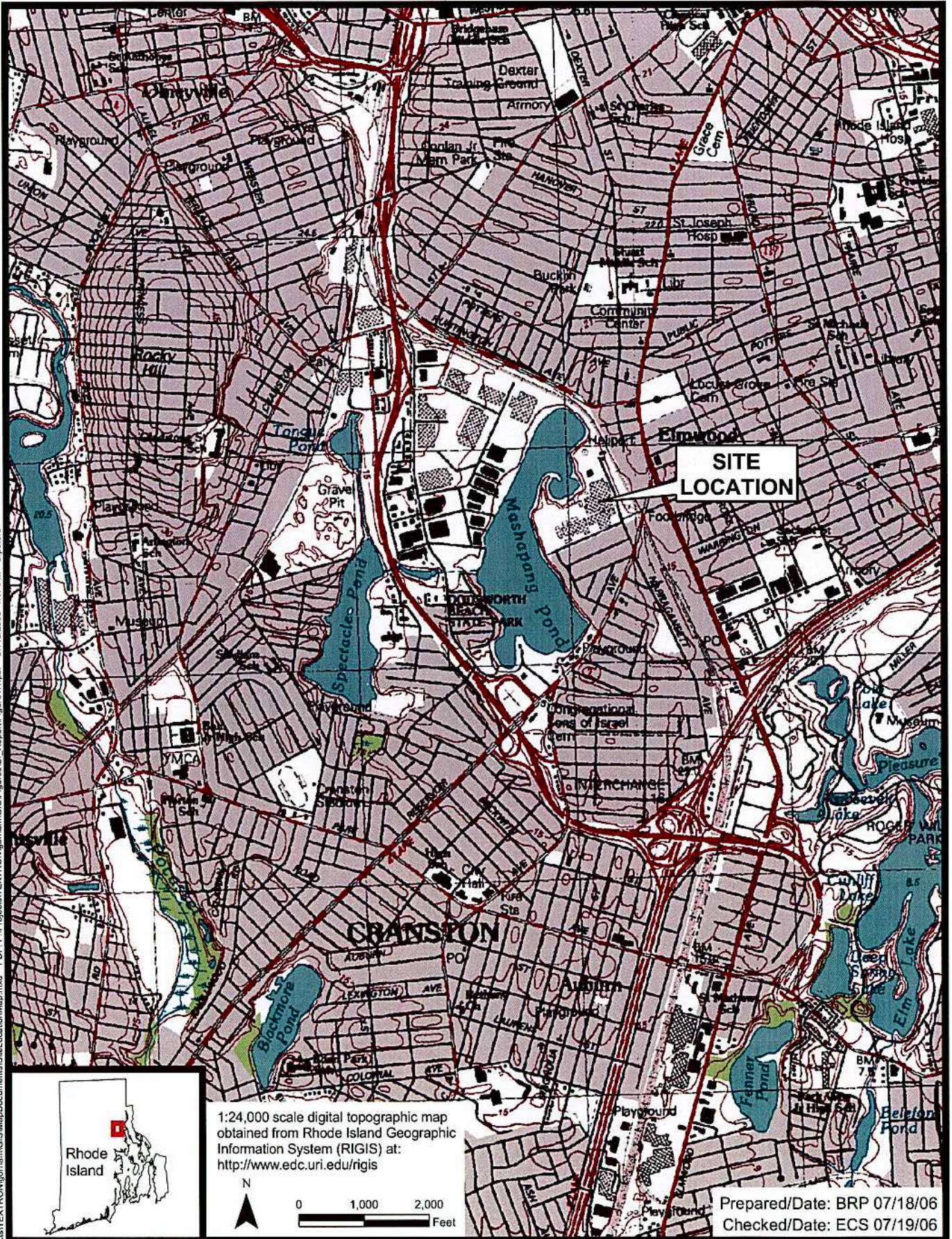
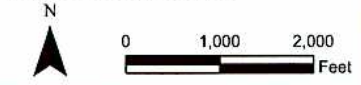


FIGURES

Document: P:\Projects\TEXTRO\Gorham\GIS\Map\LocationMap.mxd PDF: P:\Projects\TEXTRO\Gorham\GIS\Figures\SI_Report\Figure1.1.pdf 07/18/2006 4:17 PM bnpeters



1:24,000 scale digital topographic map
 obtained from Rhode Island Geographic
 Information System (RIGIS) at:
<http://www.edc.uri.edu/rigis>

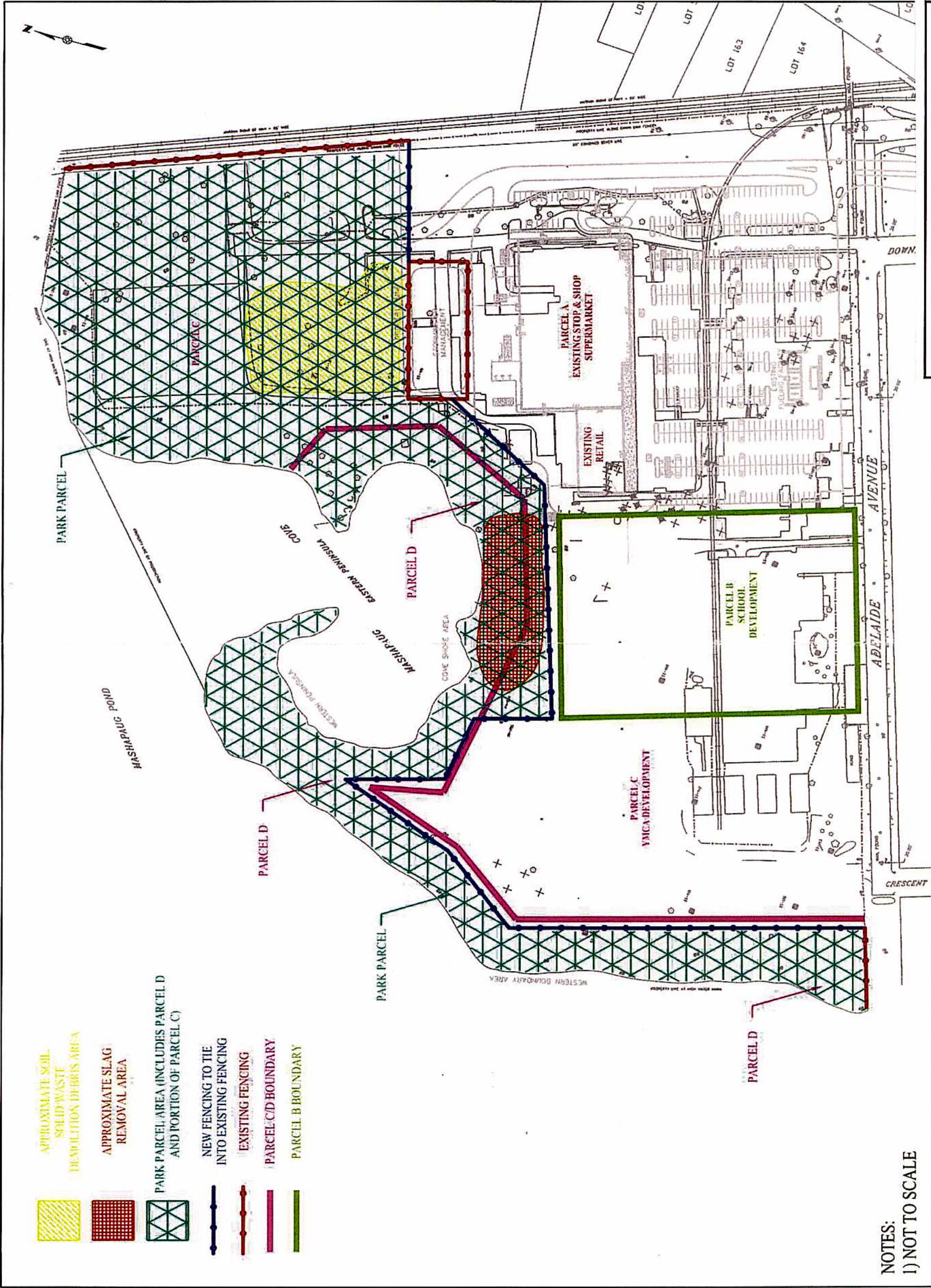


Prepared/Date: BRP 07/18/06
 Checked/Date: ECS 07/19/06

Supplemental SI
 Former Gorham Manufacturing Site
 Providence, Rhode Island



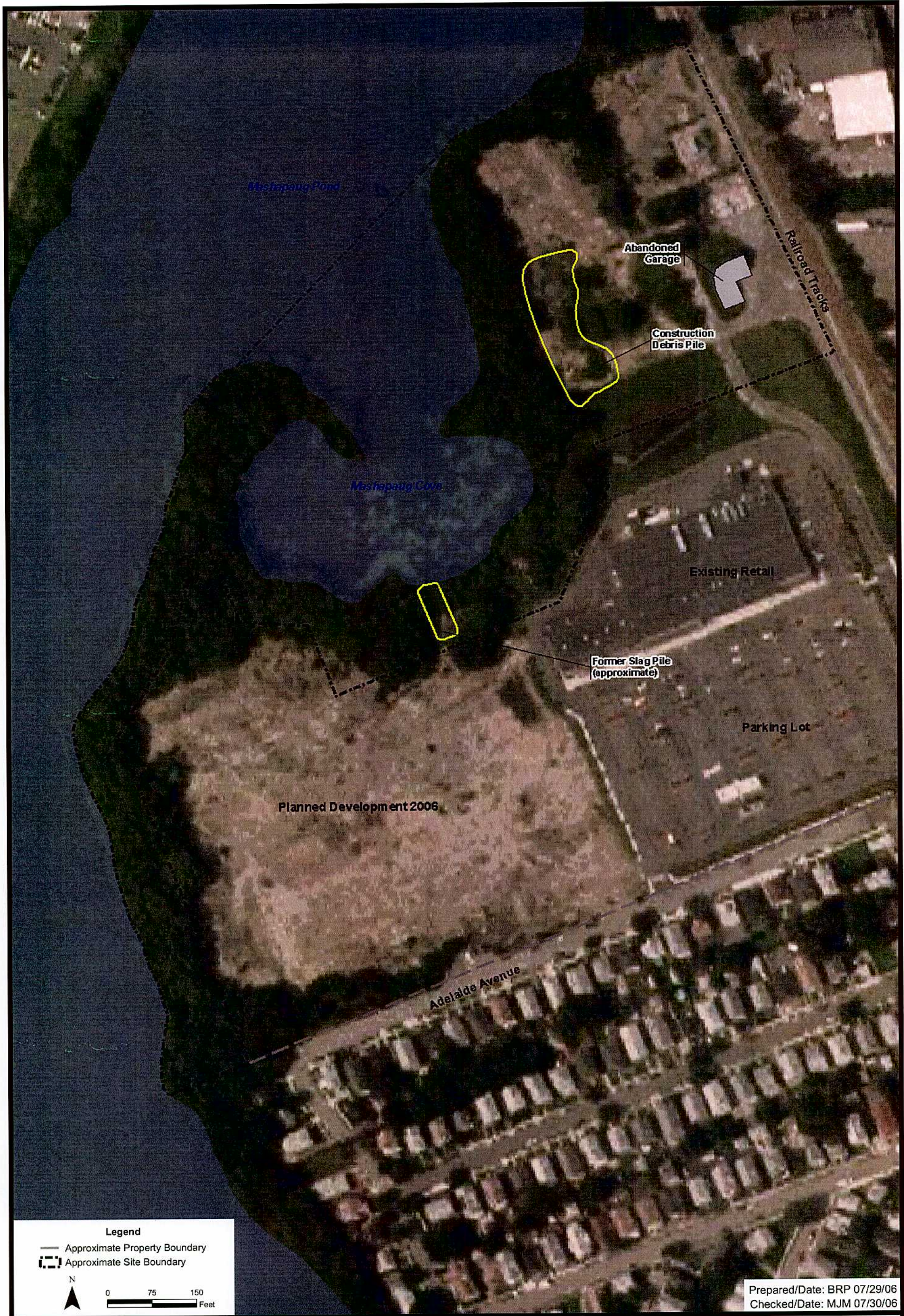
Site Location Map
 Project 3650-05-0041
 Figure 1.1



NOTES:
1) NOT TO SCALE

FORMER GORHAM MANUFACTURING FACILITY
PROVIDENCE, RHODE ISLAND
EXHIBIT A

Figure 1.2
Park Parcel Boundaries Per
Exhibit A of March 2006 Consent Order

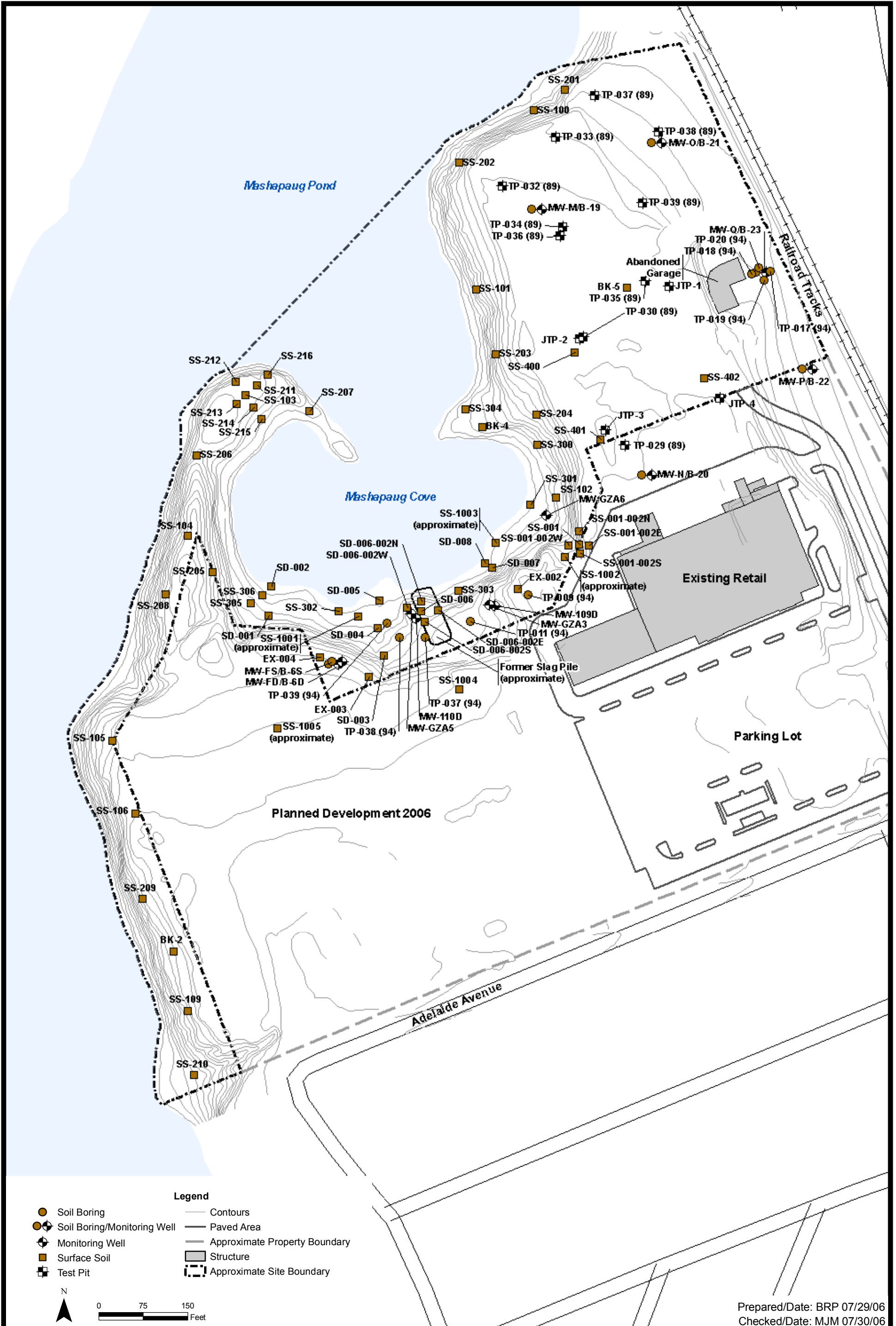




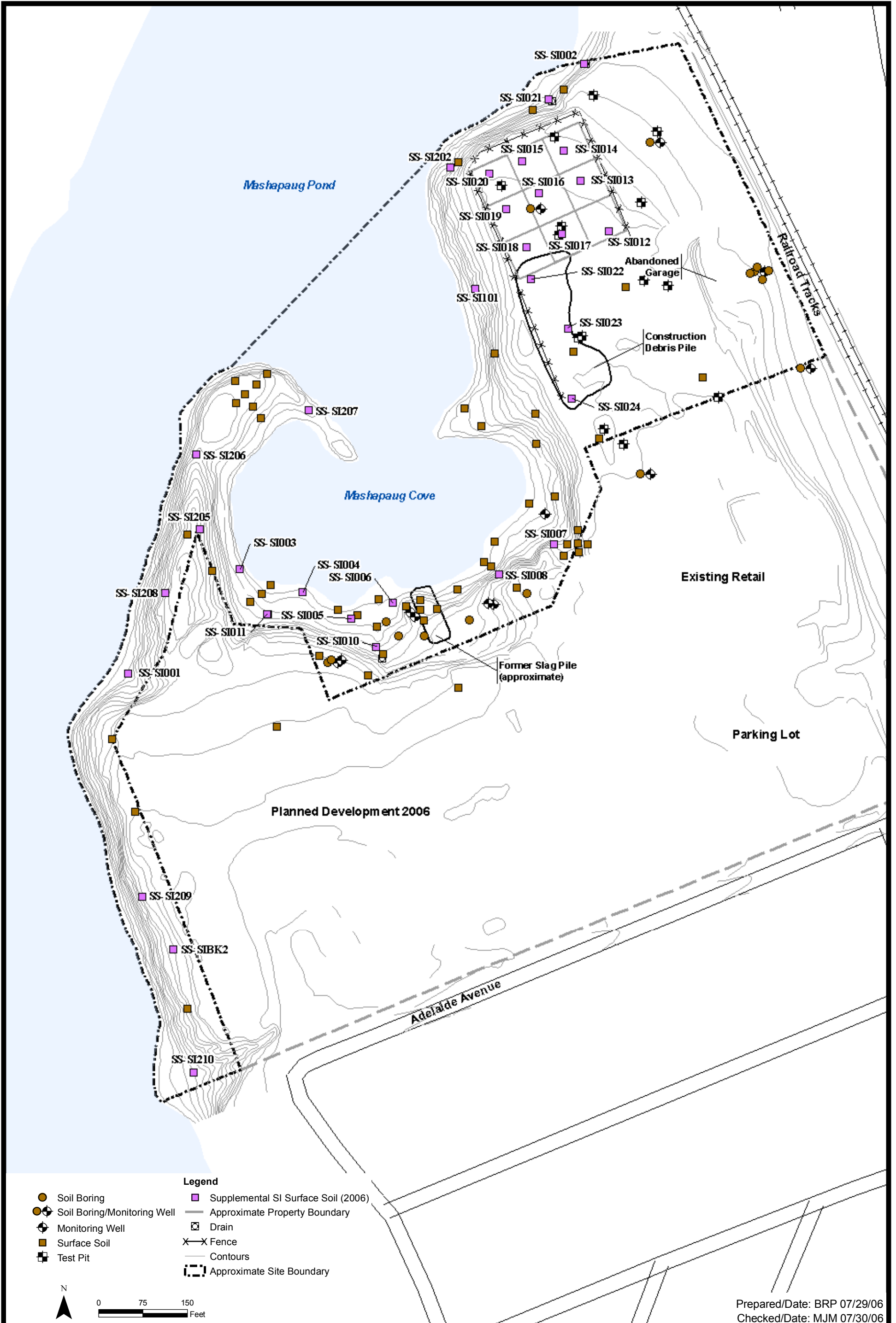
Legend

- ▲ URI Sediment Sample Location 1986
- ▼ URI Surface Water Sample Location 1986
- ▼ GZA Surface Water Sample Location 1986
- ▲ RIDEM Sediment Sample Location 1987
- ▼ RIDEM Surface Water Sample Location 1987
- ▲ RIDEM Sediment Sample Location 2005
- USEPA Water Column Station Surface Water Sampling 2001
- ▼ Surface Water Samples SW-1 through SW-4 were collected on April 15, 1999 by Harding Lawson Associates.
- Sediment Samples Cove-1 through Cove-3 were collected by R. Dorr on September 5, 2005.
- ⬜ Approximate Site Boundary

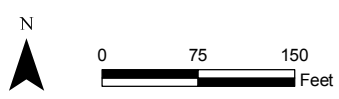
Prepared/Date: BRP 07/29/06
Checked/Date: MJM 07/30/06



Prepared/Date: BRP 07/29/06
 Checked/Date: MJM 07/30/06

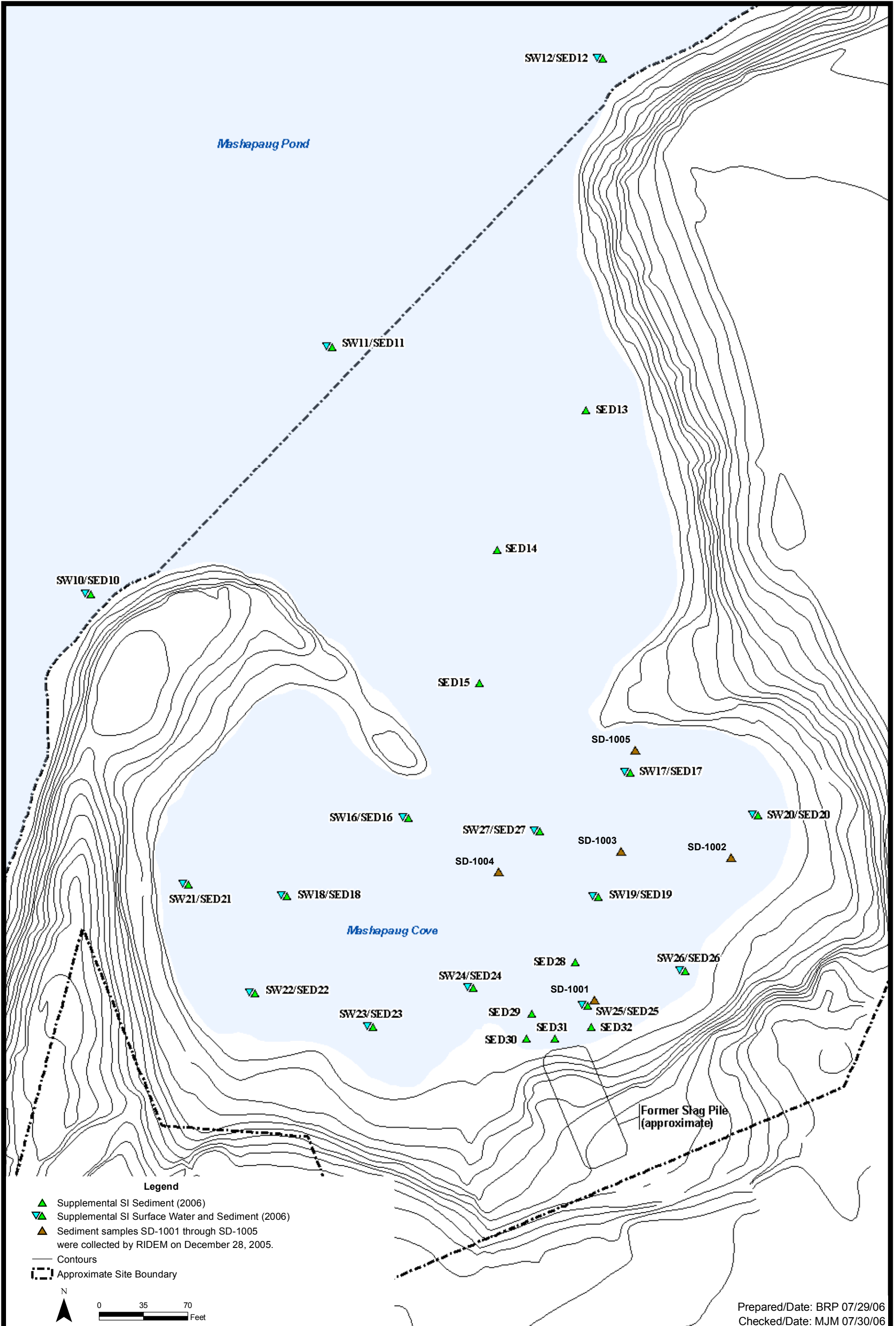


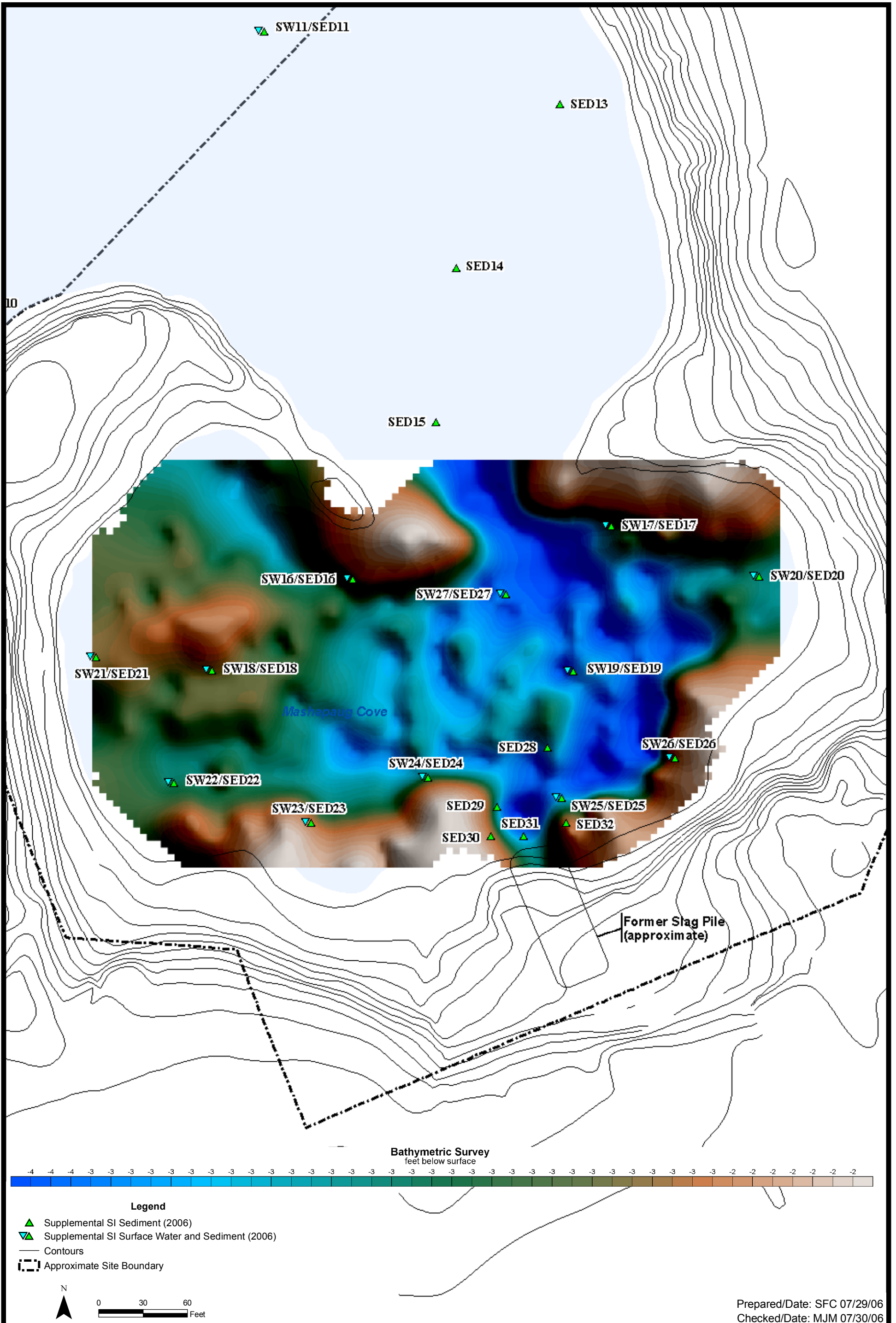
- | | |
|--------------------------------|---------------------------------------|
| ● Soil Boring | ■ Supplemental SI Surface Soil (2006) |
| ●⊕ Soil Boring/Monitoring Well | — Approximate Property Boundary |
| ⊕ Monitoring Well | ⊠ Drain |
| ■ Surface Soil | —X— Fence |
| ⊠ Test Pit | — Contours |
| | ⊠ Approximate Site Boundary |

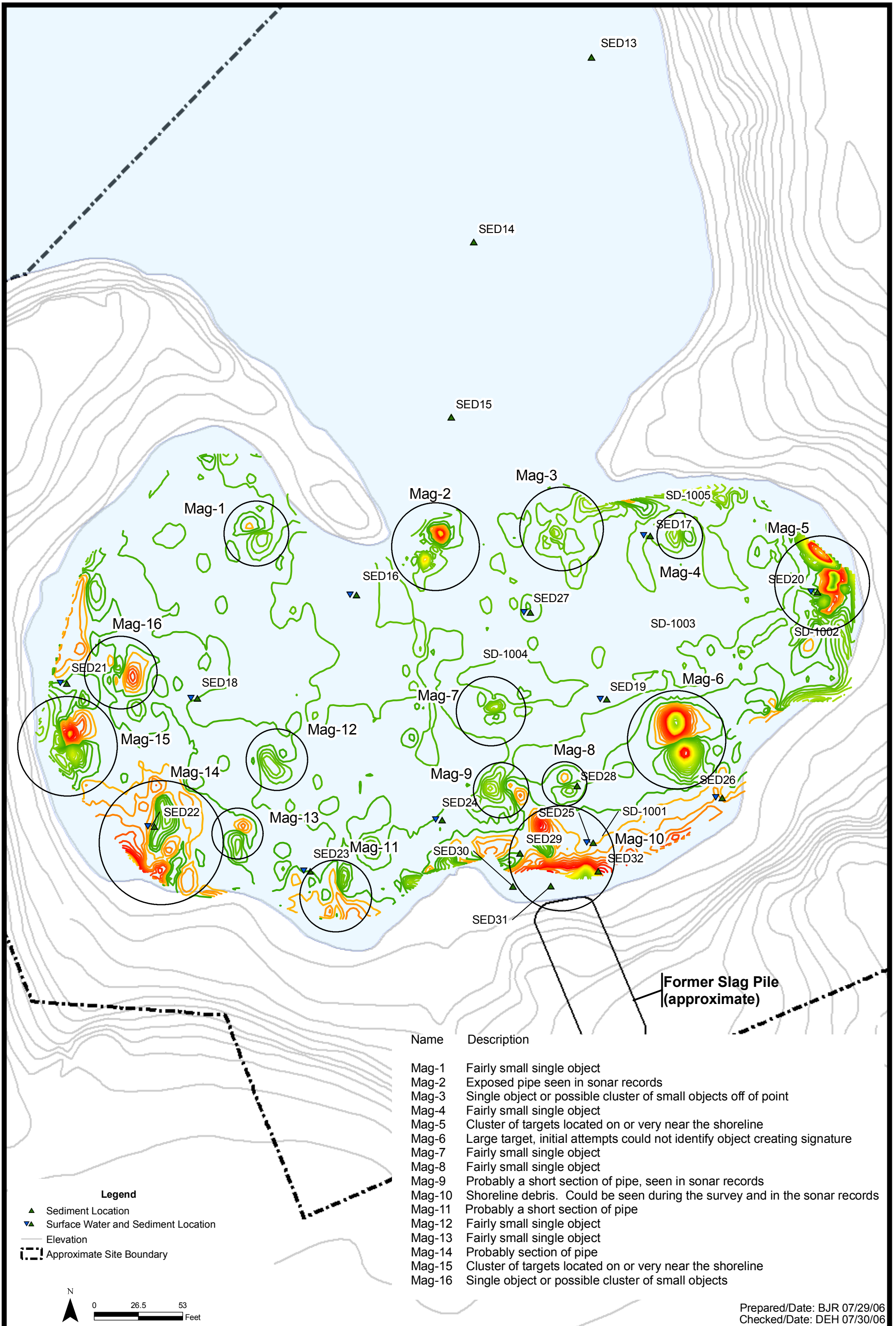


Prepared/Date: BRP 07/29/06
 Checked/Date: MJM 07/30/06

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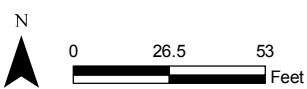




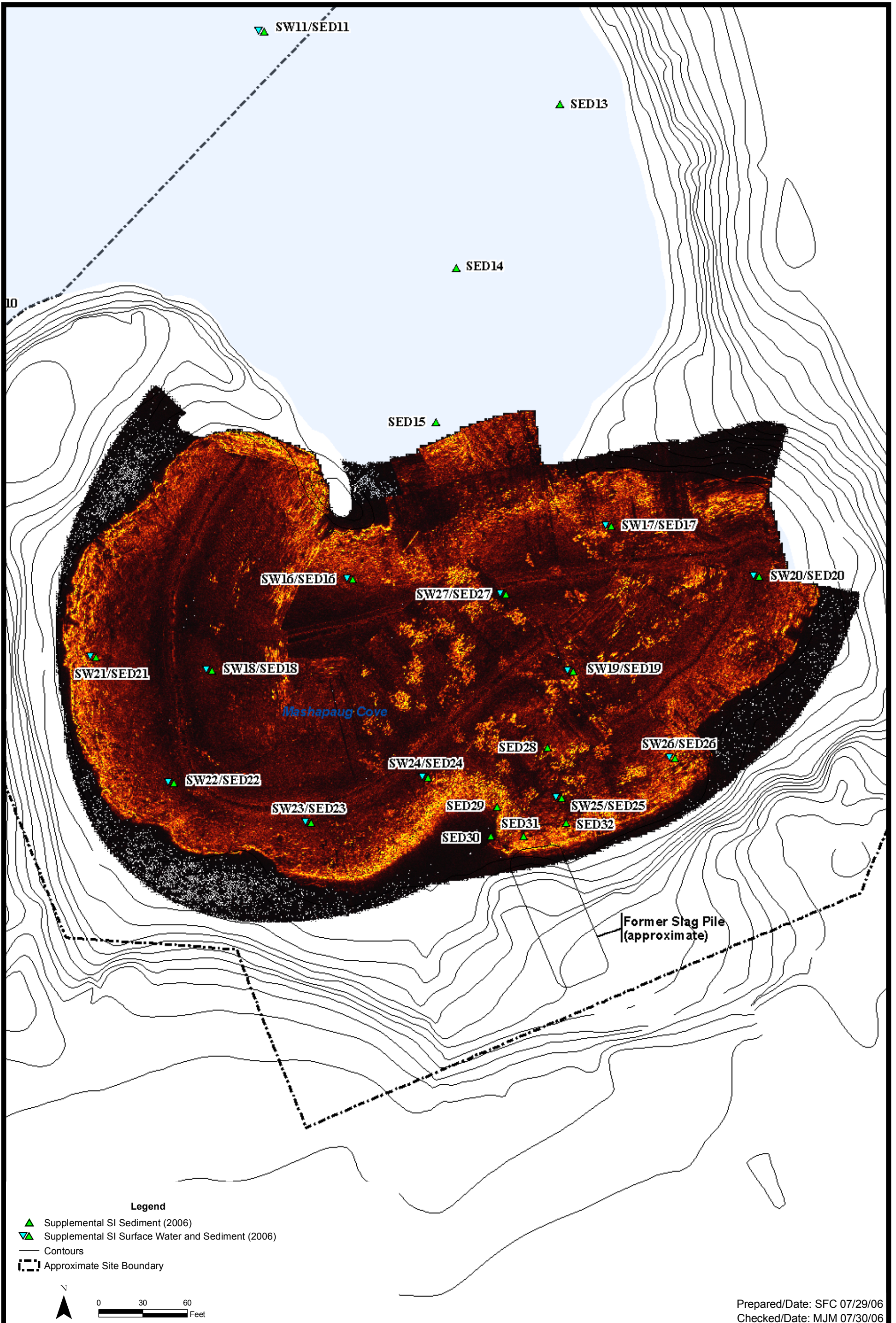


Name	Description
Mag-1	Fairly small single object
Mag-2	Exposed pipe seen in sonar records
Mag-3	Single object or possible cluster of small objects off of point
Mag-4	Fairly small single object
Mag-5	Cluster of targets located on or very near the shoreline
Mag-6	Large target, initial attempts could not identify object creating signature
Mag-7	Fairly small single object
Mag-8	Fairly small single object
Mag-9	Probably a short section of pipe, seen in sonar records
Mag-10	Shoreline debris. Could be seen during the survey and in the sonar records
Mag-11	Probably a short section of pipe
Mag-12	Fairly small single object
Mag-13	Fairly small single object
Mag-14	Probably section of pipe
Mag-15	Cluster of targets located on or very near the shoreline
Mag-16	Single object or possible cluster of small objects

- Legend**
- ▲ Sediment Location
 - ▼ Surface Water and Sediment Location
 - Elevation
 - ⋯ Approximate Site Boundary



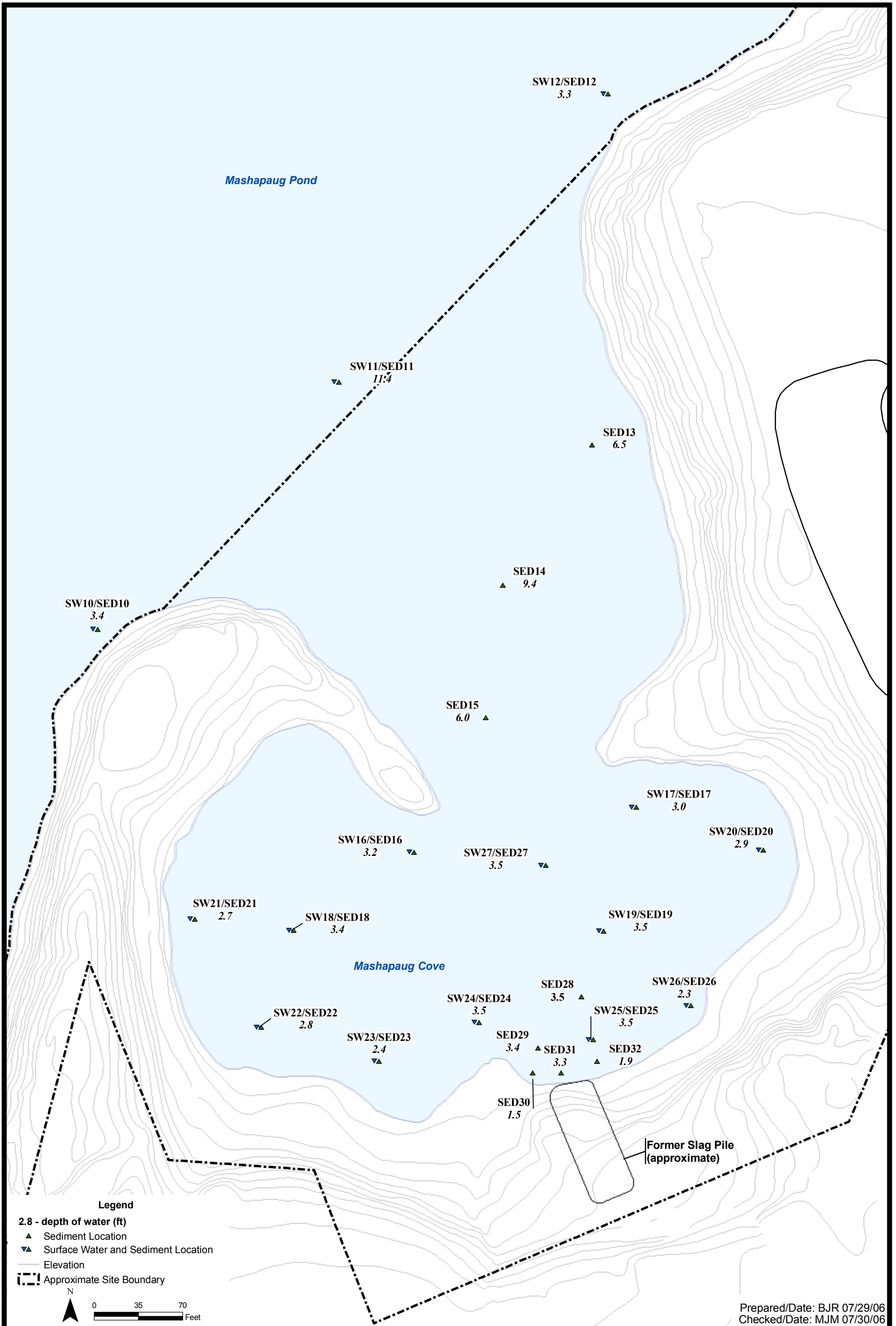
Prepared/Date: BJR 07/29/06
 Checked/Date: DEH 07/30/06

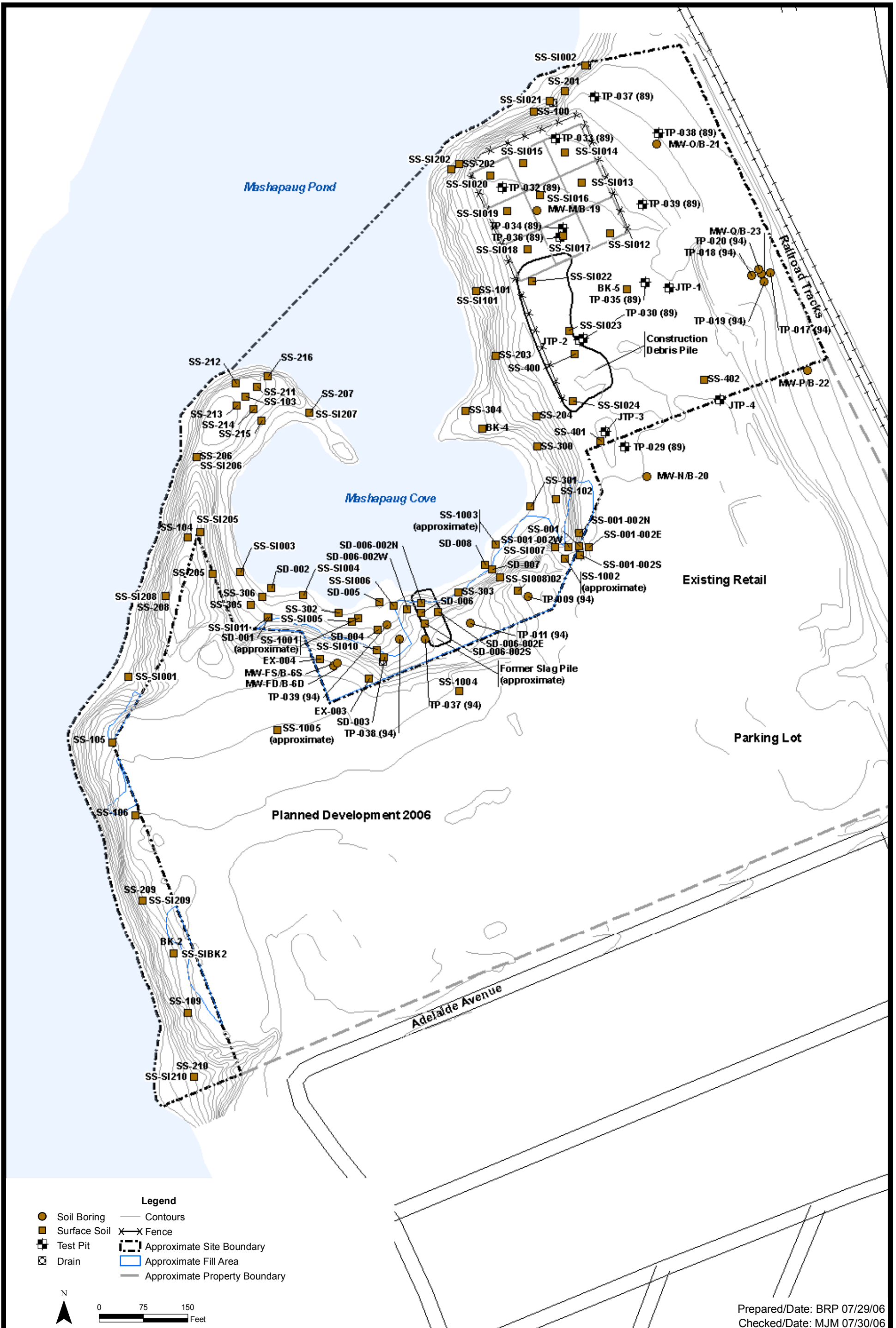


Prepared/Date: SFC 07/29/06
 Checked/Date: MJM 07/30/06

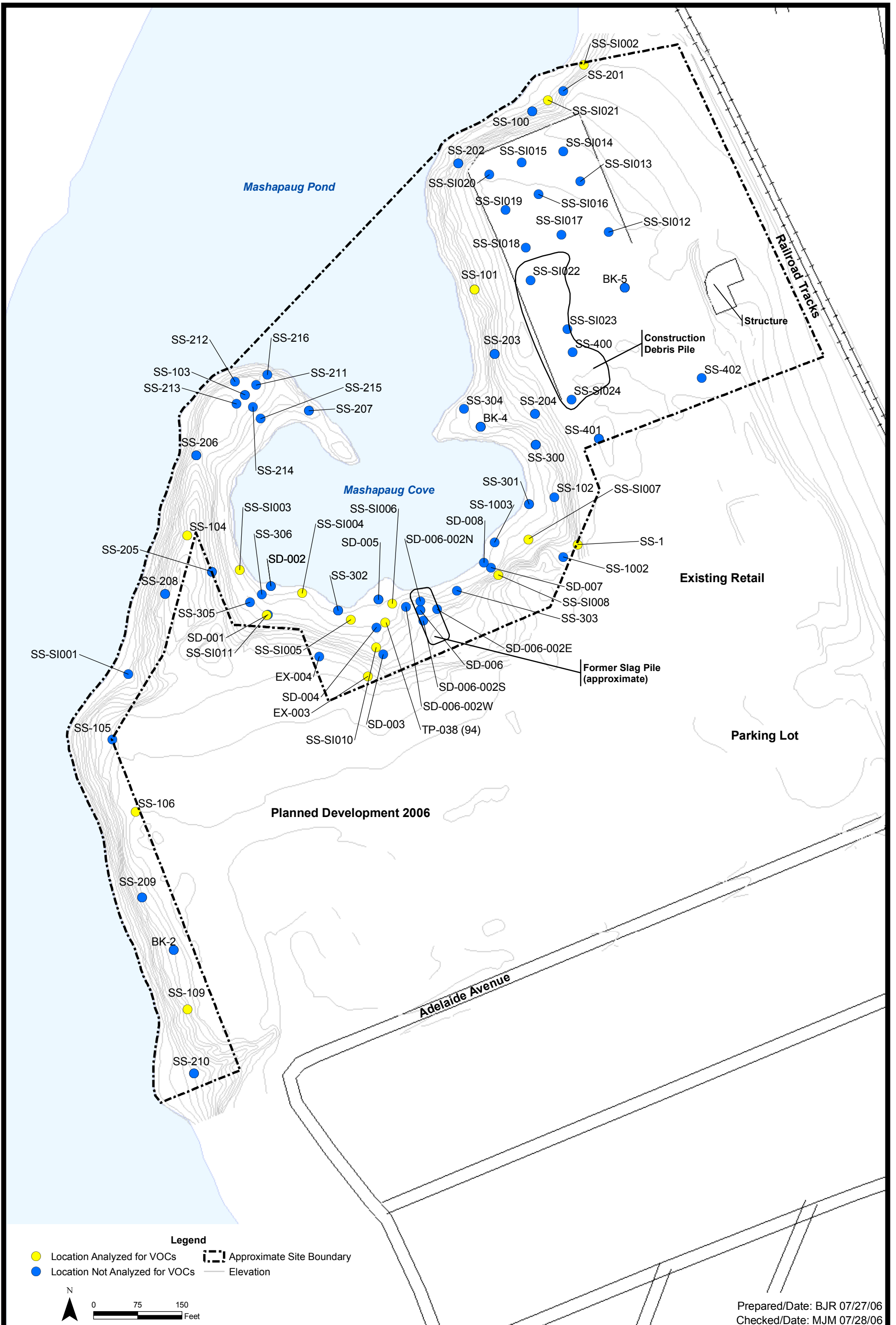


Figure 3.6. Collection of Sediment Cores at Mashapaug Cove Using Vibracorer™ Technology
Supplemental Site Investigation Report
Former Gorham Manufacturing Facility
Providence, Rhode Island

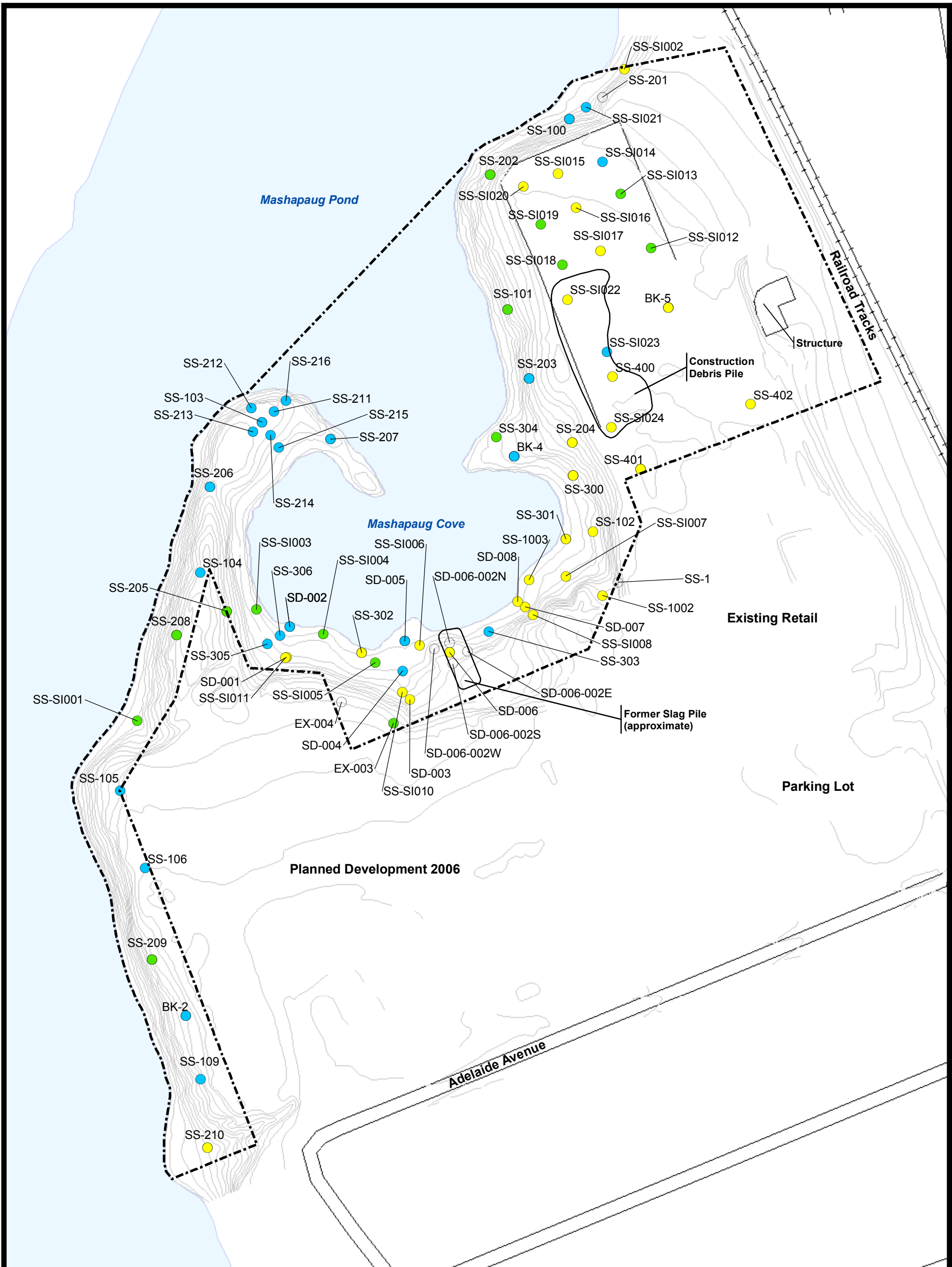




Prepared/Date: BRP 07/29/06
 Checked/Date: MJM 07/30/06



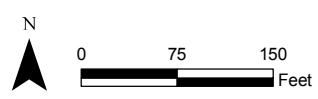
Prepared/Date: BJR 07/27/06
 Checked/Date: MJM 07/28/06



- Legend**
- Benzo(a)pyrene > 10,000 mg/kg
 - Benzo(a)pyrene > 0.8 and < 10,000 mg/kg
 - Benzo(a)pyrene > 0 and < 0.8 mg/kg
 - Benzo(a)pyrene Not Detected
 - Not Analyzed for Benzo(a)pyrene

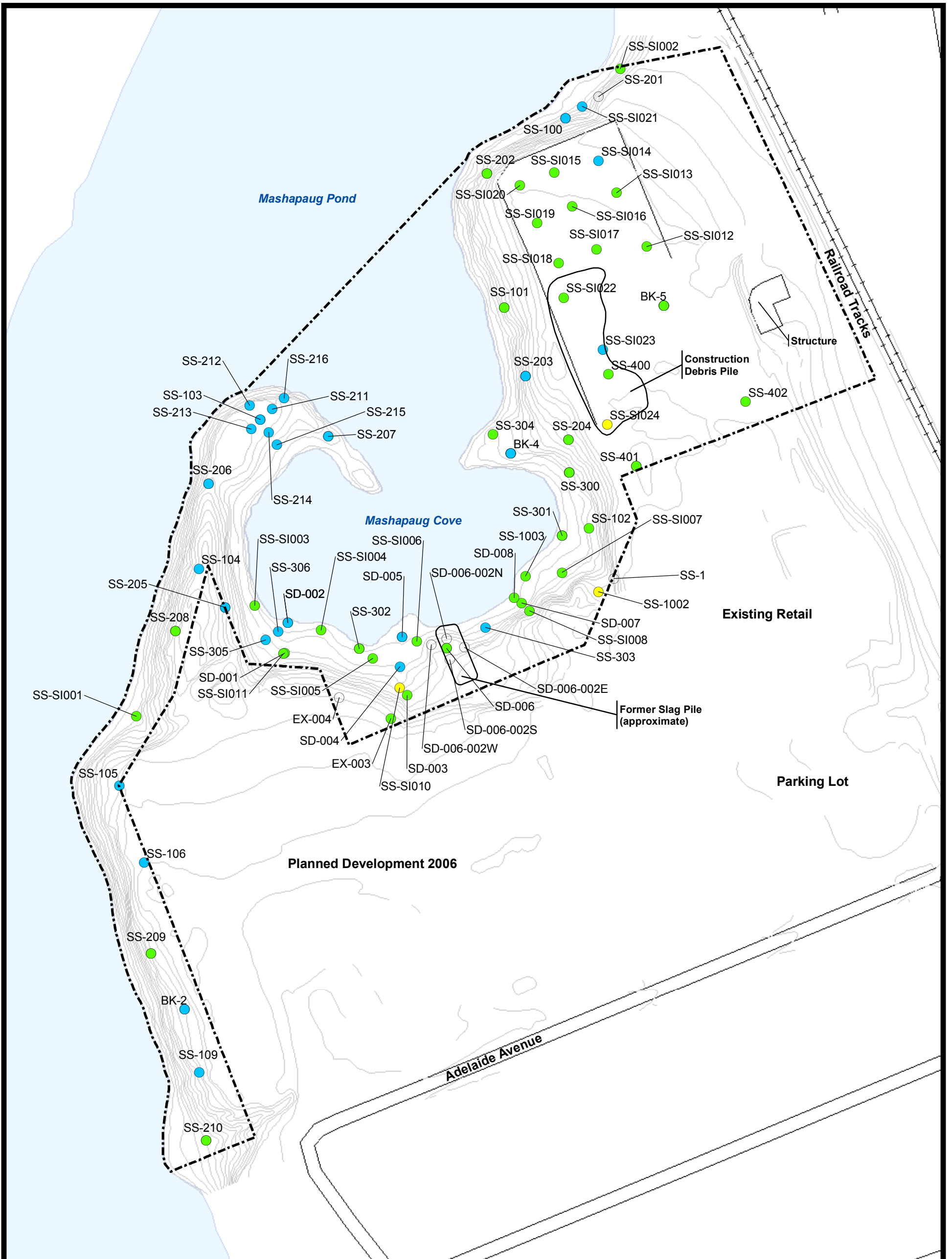
- ⬜ Approximate Site Boundary
- Elevation

Note:
 Industrial/Commercial Criteria for Benzo(a)pyrene: 0.8 mg/kg
 Upper Concentration Limit for Benzo(a)pyrene: 10,000 mg/kg



Prepared/Date: BJR 07/27/06
 Checked/Date: MJM 07/28/06

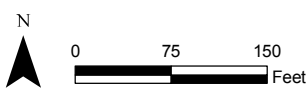
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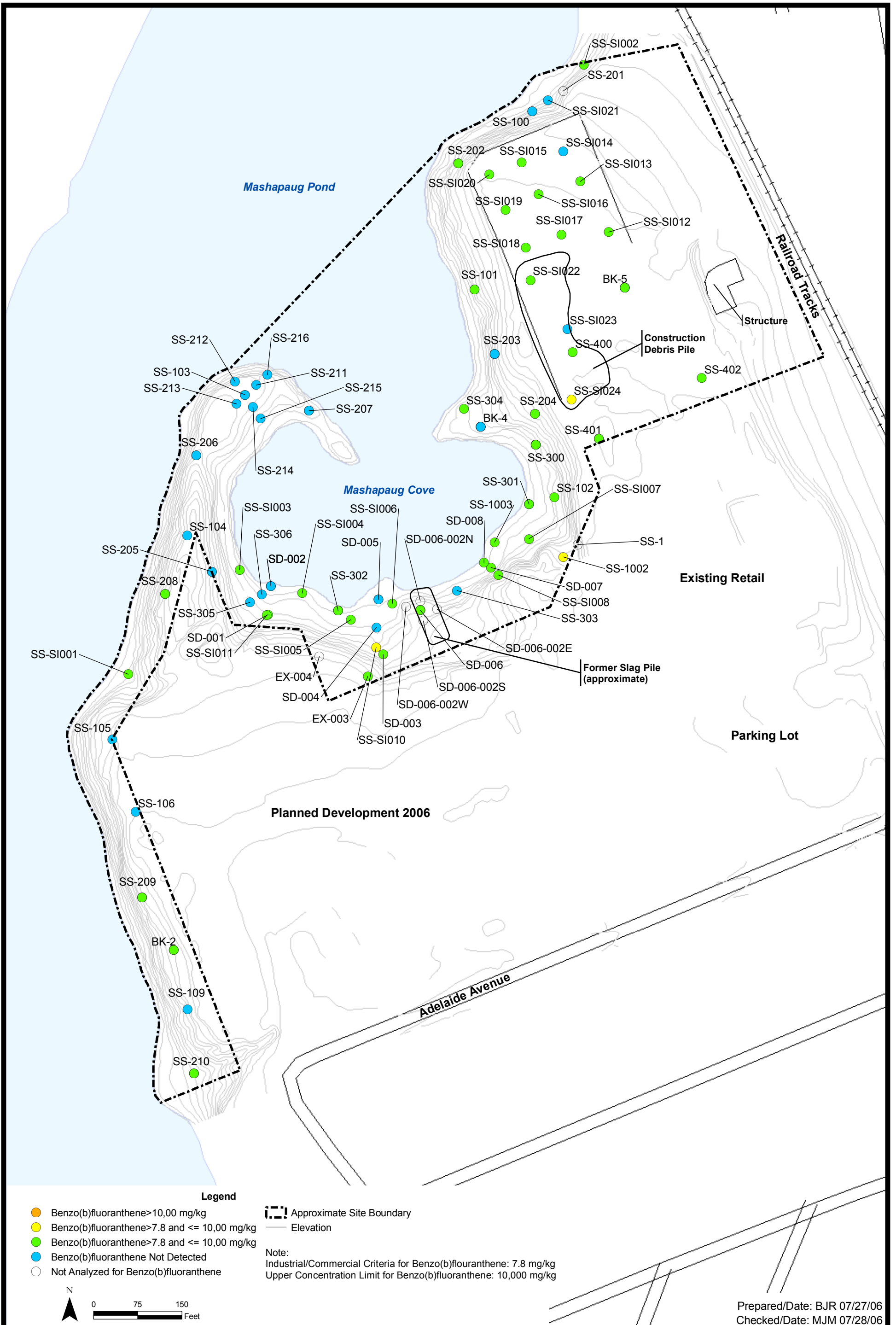
- Legend**
- Benzo(a)anthracene > 10,000 mg/kg
 - Benzo(a)anthracene > 7.8 and ≤ 10,000 mg/kg
 - Benzo(a)anthracene > 0 and ≤ 7.8 mg/kg
 - Benzo(a)anthracene Not Detected
 - Not Analyzed for Benzo(a)anthracene

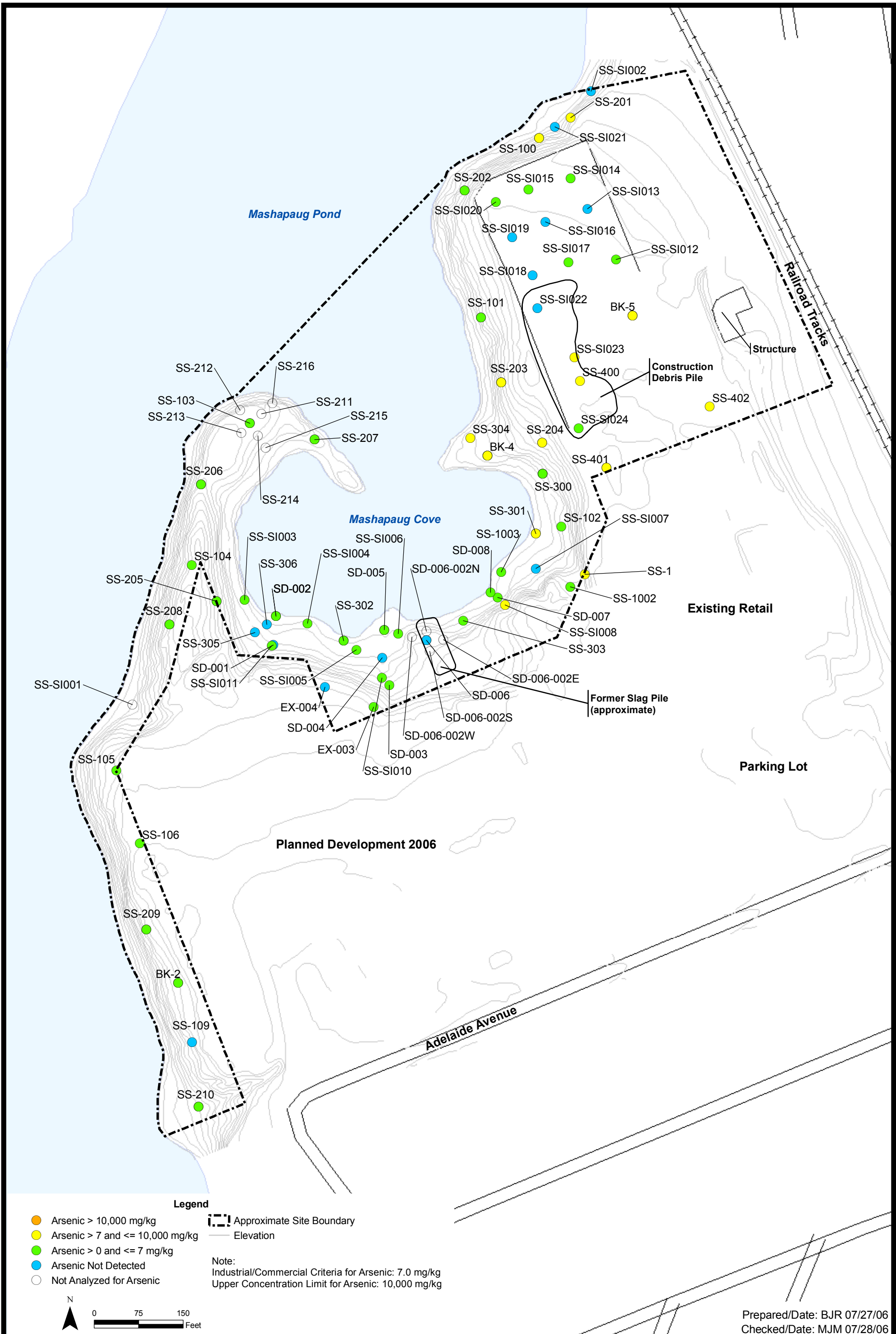
- ⬡ Approximate Site Boundary
- Elevation

Note:
 Industrial/Commercial Criteria for Benzo(a)anthracene: 7.8 mg/kg
 Upper Concentration Limit for Benzo(a)anthracene: 10,000 mg/kg

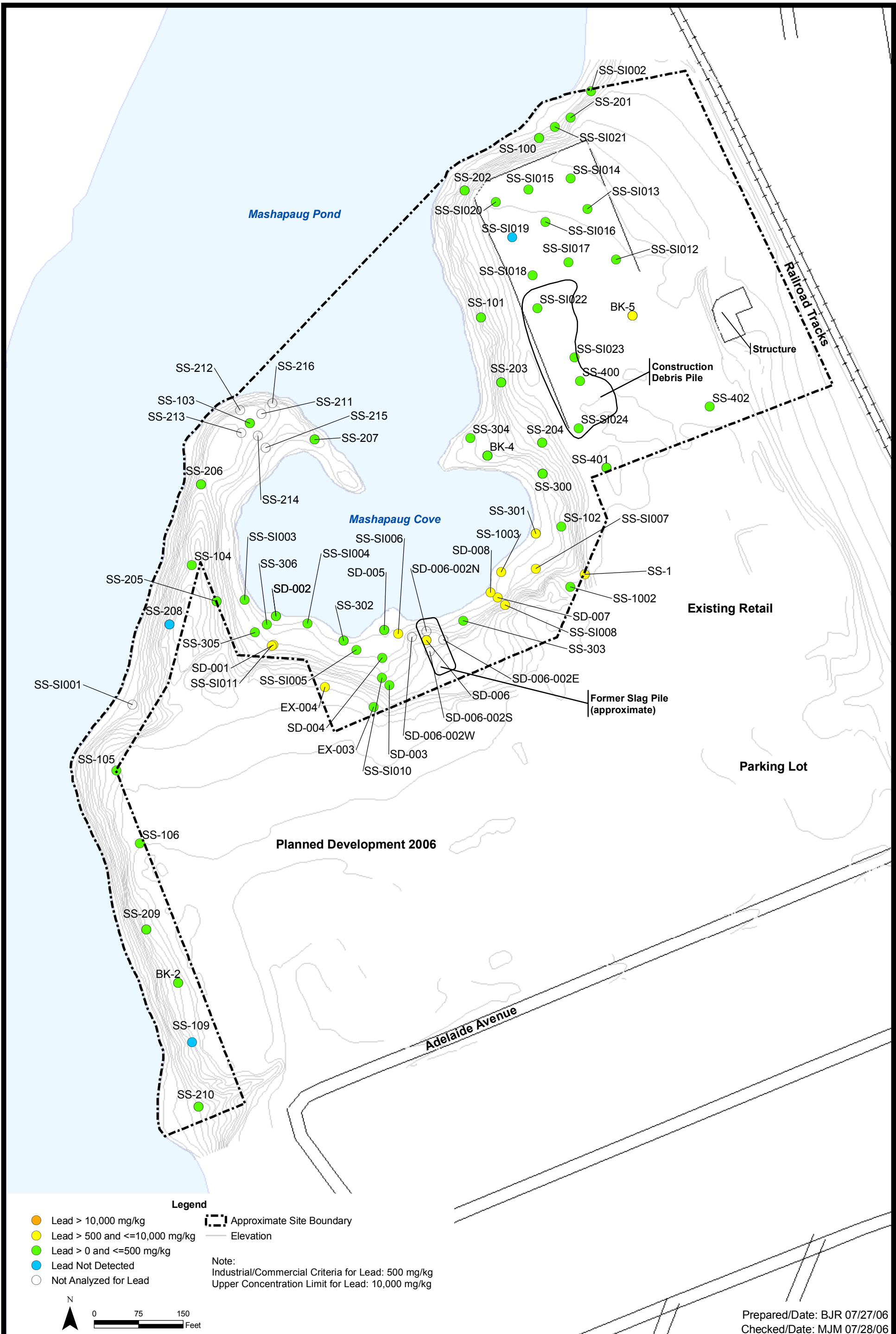


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 Checked/Date: MJM 07/28/06

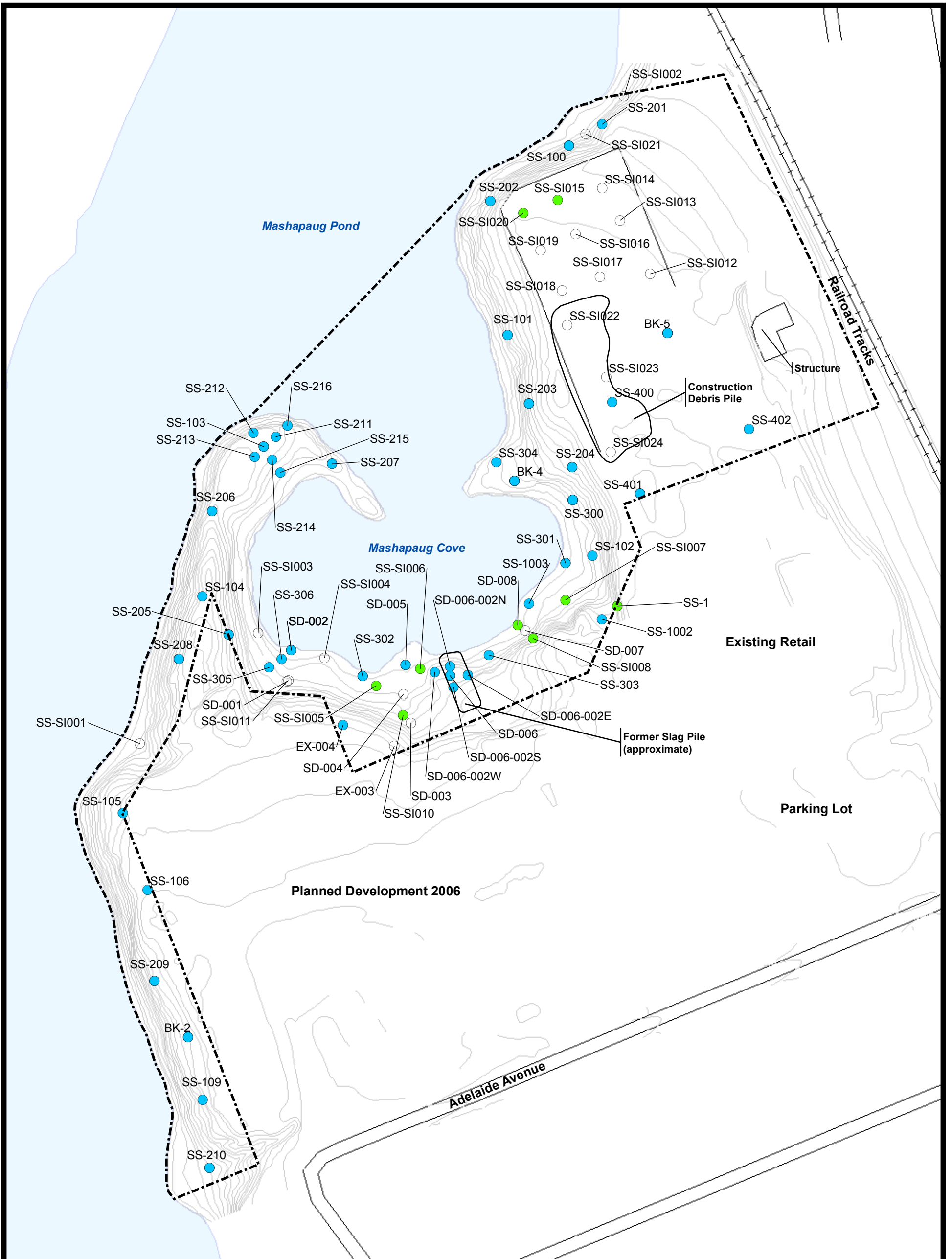




Prepared/Date: BJR 07/27/06
 Checked/Date: MJM 07/28/06



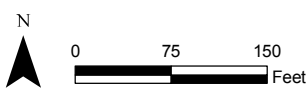
Prepared/Date: BJR 07/27/06
 Checked/Date: MJM 07/28/06



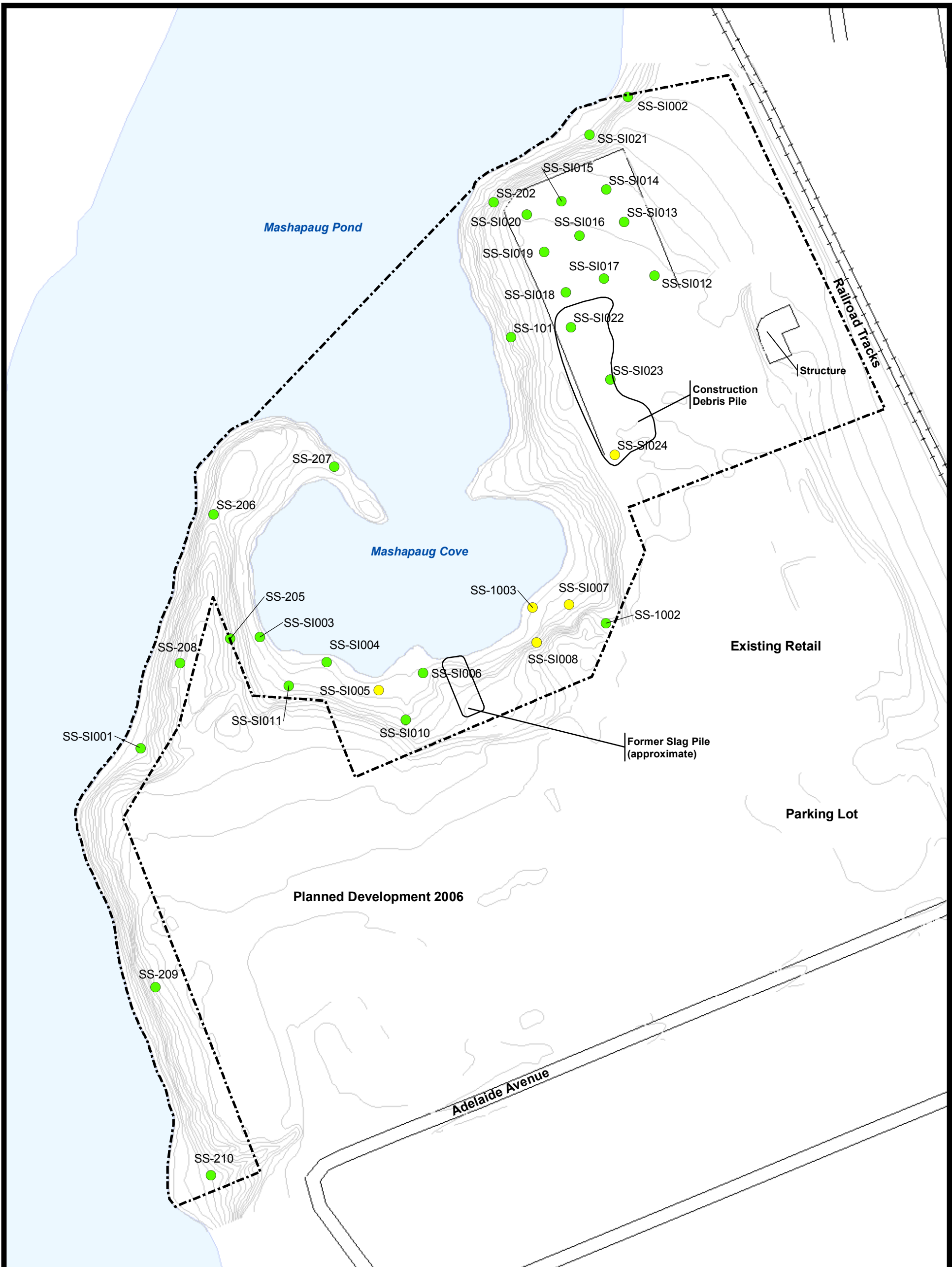
- Legend**
- Total PCBs > 10,000 mg/kg
 - Total PCBs > 10 and <= 10,000 mg/kg
 - Total PCBs > 0 and <= 10 mg/kg
 - Total PCBs Not Detected
 - Not Analyzed for Total PCBs

- Approximate Site Boundary
- Elevation

Note:
 Industrial/Commercial Criteria for Total PCBs: 10 mg/kg
 Upper Concentration Limit for Dioxin Total PCBs: 10,000 mg/kg



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Prepared/Date: BJR 07/27/06
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Figure 4.11
Distribution of Dioxins and Furans in Impacted Soil Sample SS-SI007
Supplemental Site Investigation Report
333 Adelaide Avenue
Providence, RI

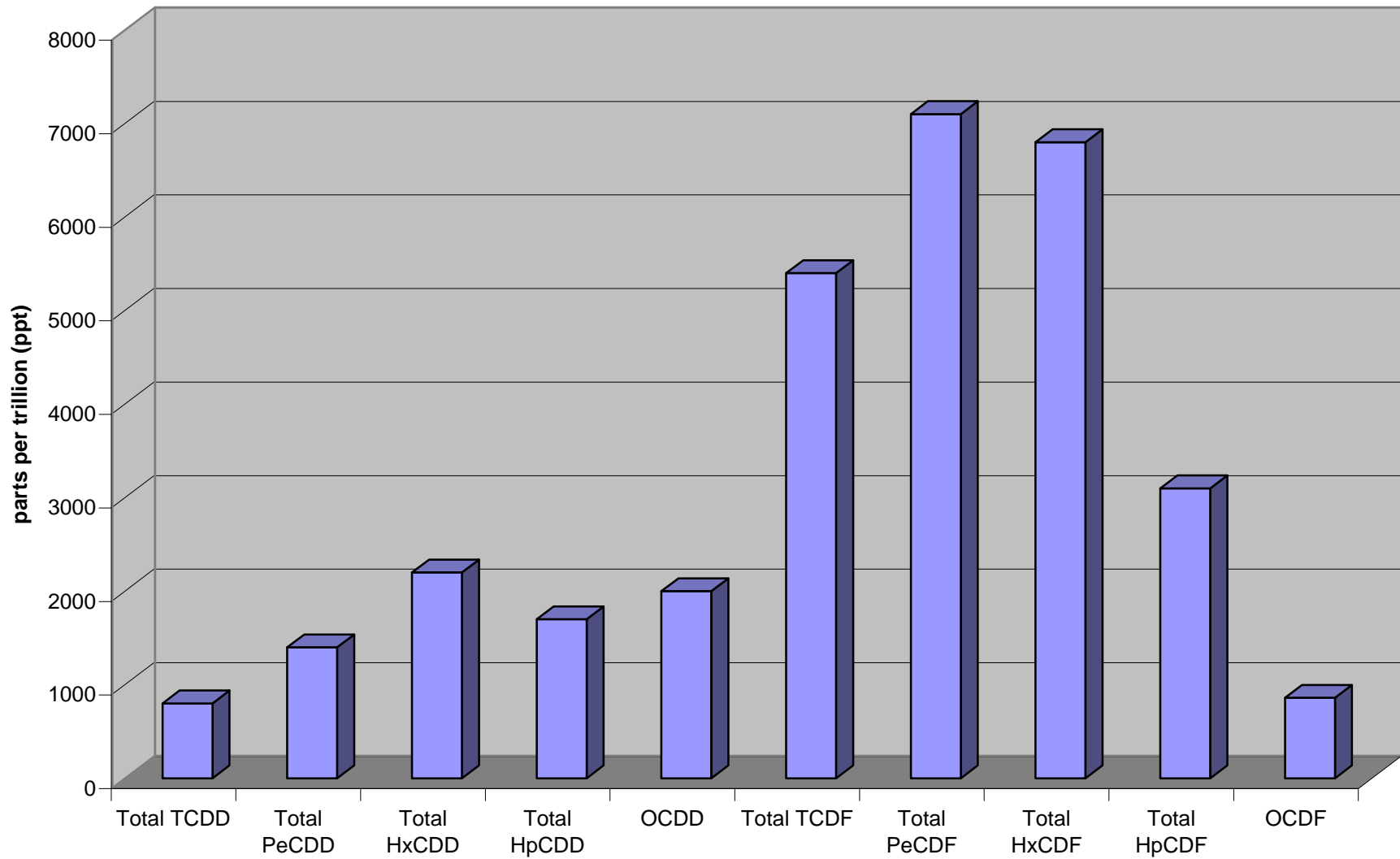
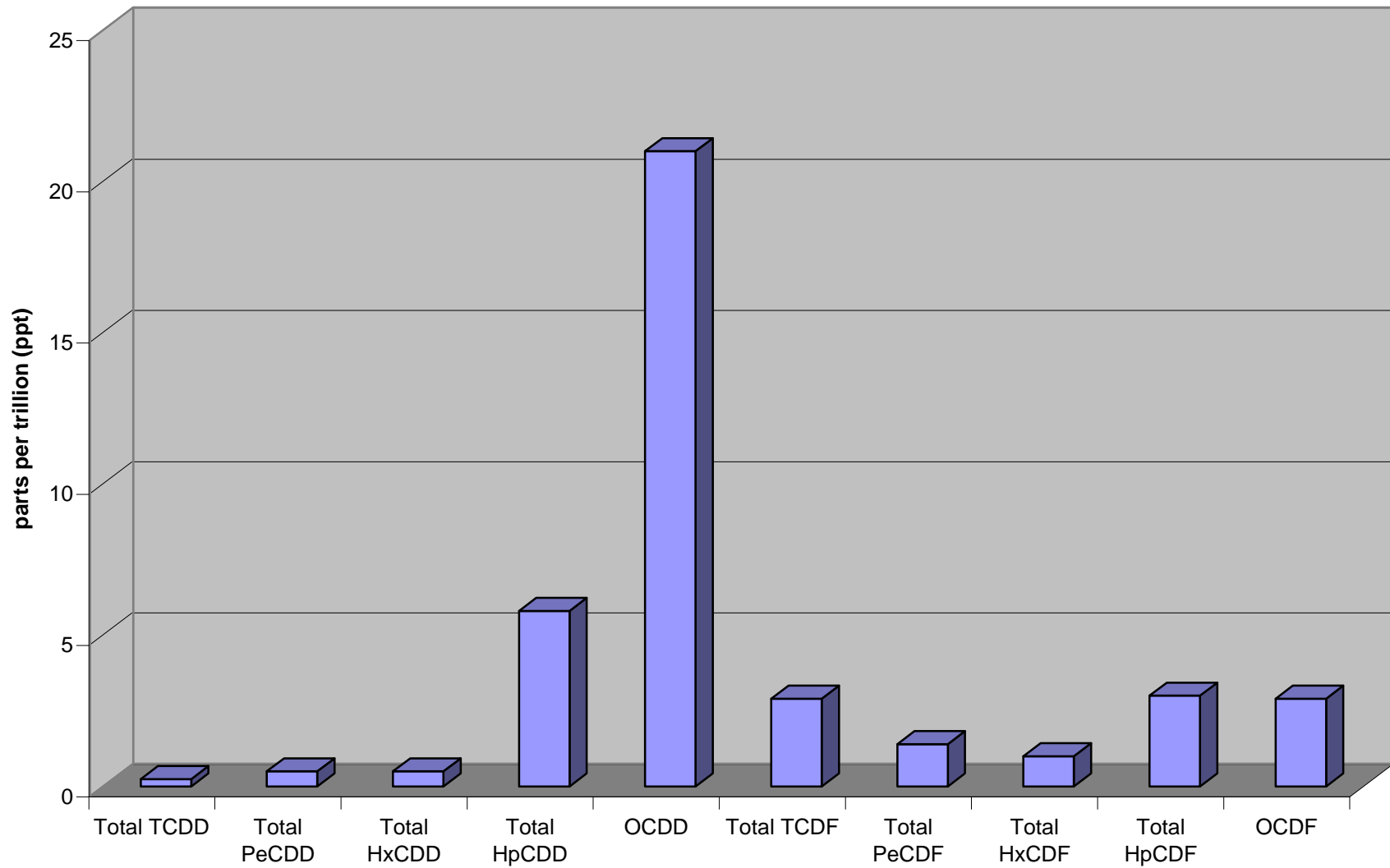


Figure 4.12
Distribution of Dioxins and Furans in Unimpacted Soil Sample SS-SI208
Supplemental Site Investigation Report
333 Adelaide Avenue
Providence, RI



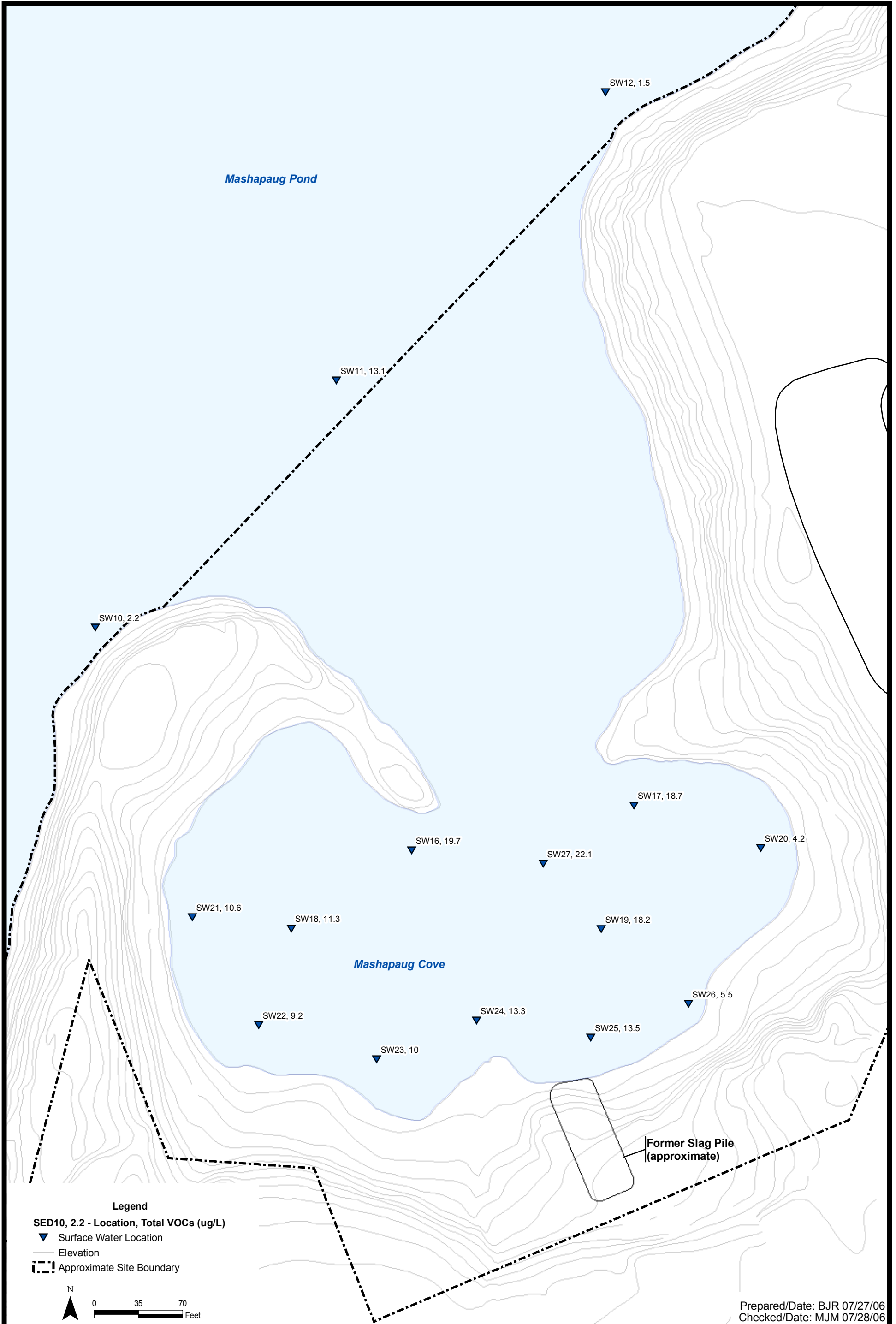




Figure 4.14. Sediment Core Typical of Mashapaug Cove
Supplemental Site Investigation Report
Former Gorham Manufacturing Facility
Providence, Rhode Island



Figure 4.15. Sediment Core Outwash Area of Mashapaug Cove
Supplemental Site Investigation Report
Former Gorham Manufacturing Facility
Providence, Rhode Island

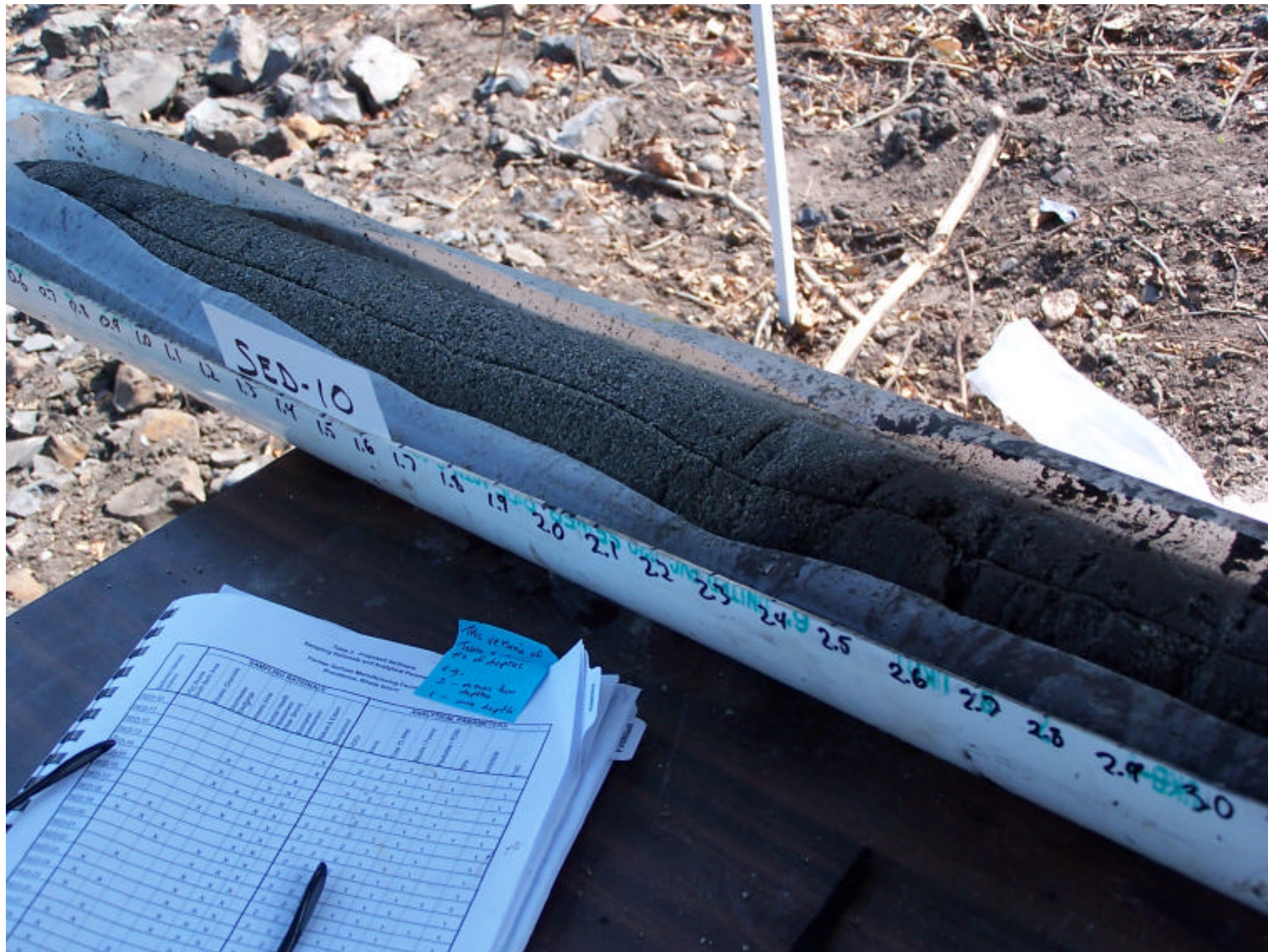
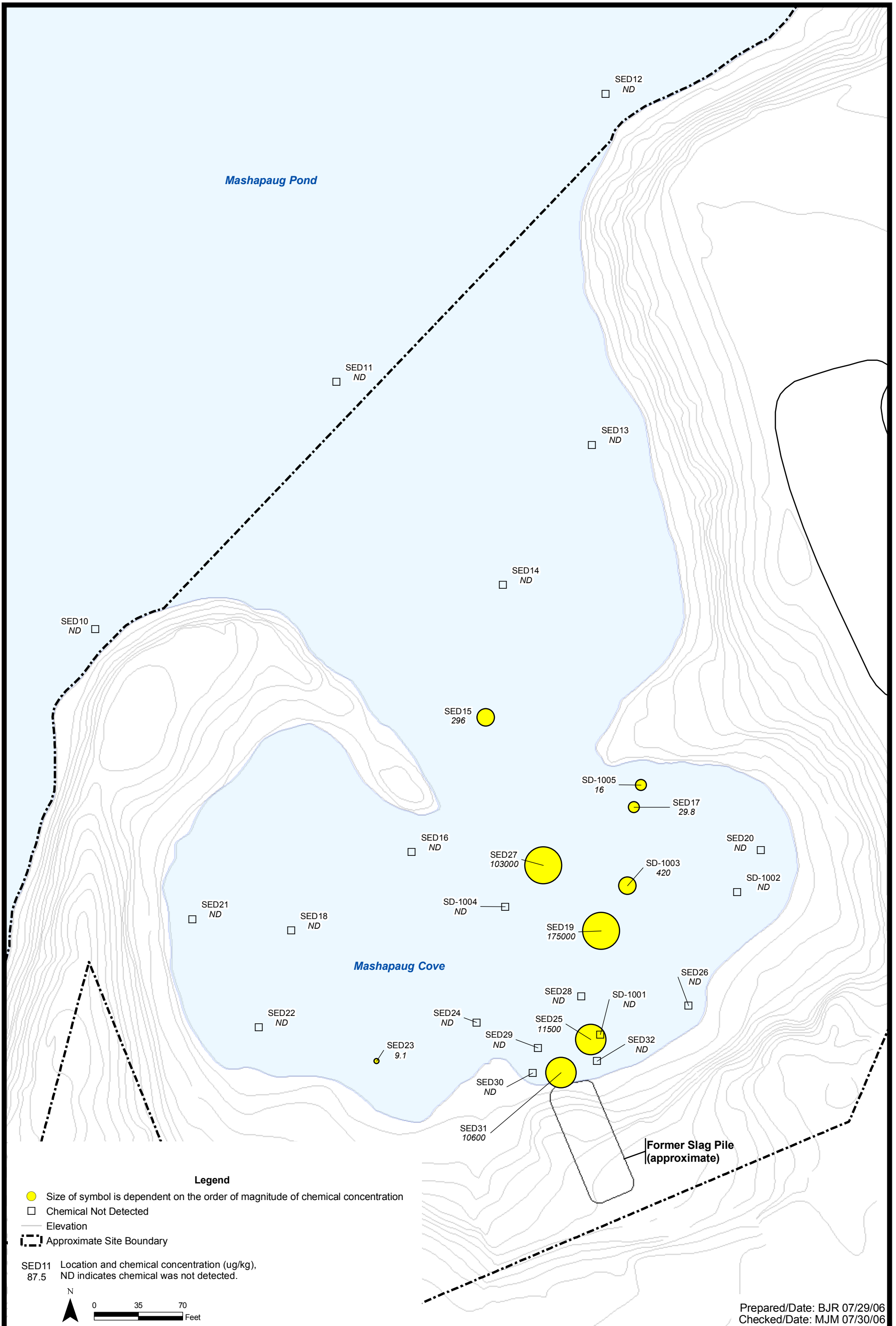
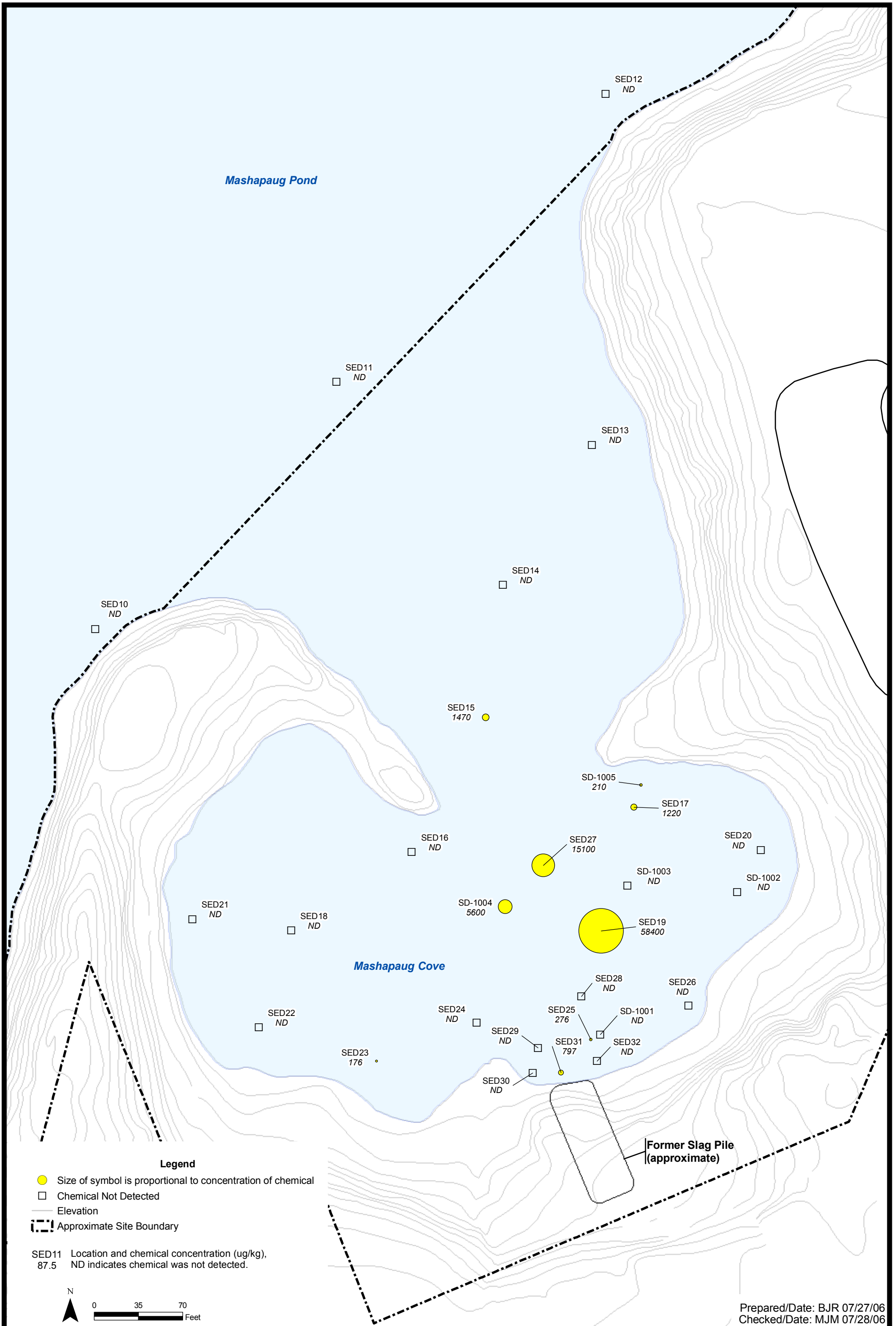
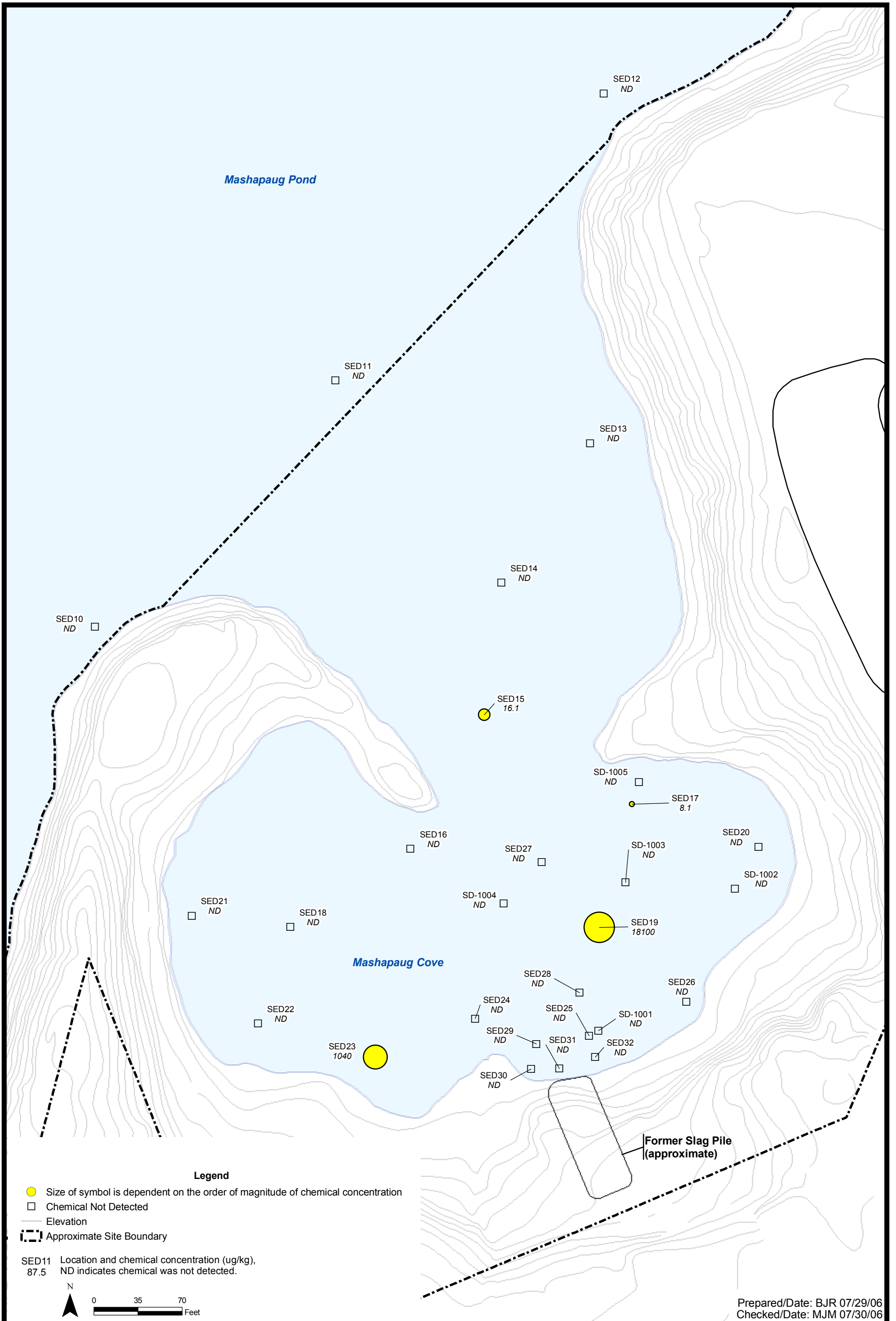
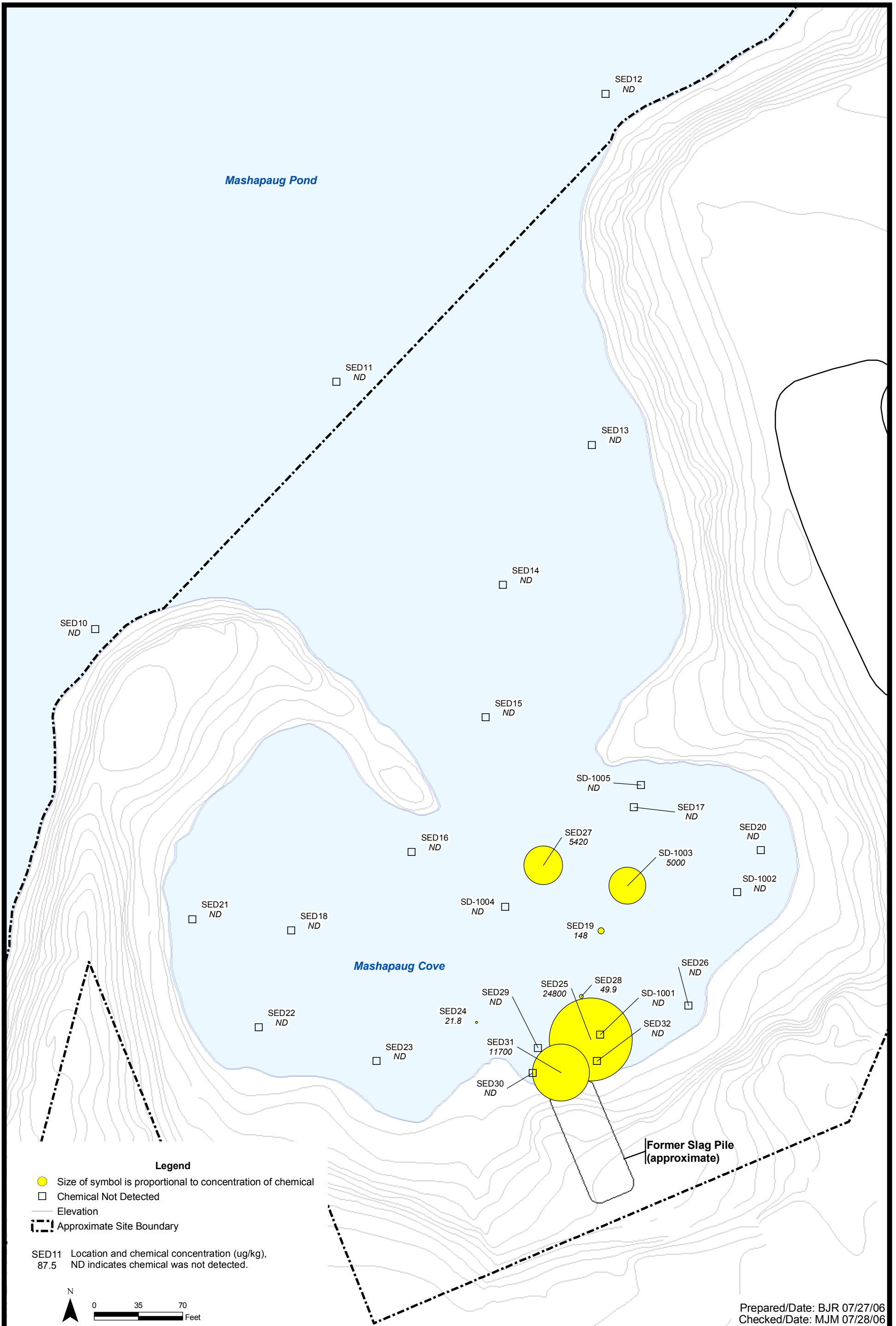


Figure 4.16. Sediment Core from Outside Outer Cove Supplemental Site Investigation Report Former Gorham Manufacturing Facility Providence, Rhode Island





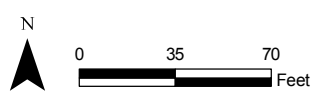




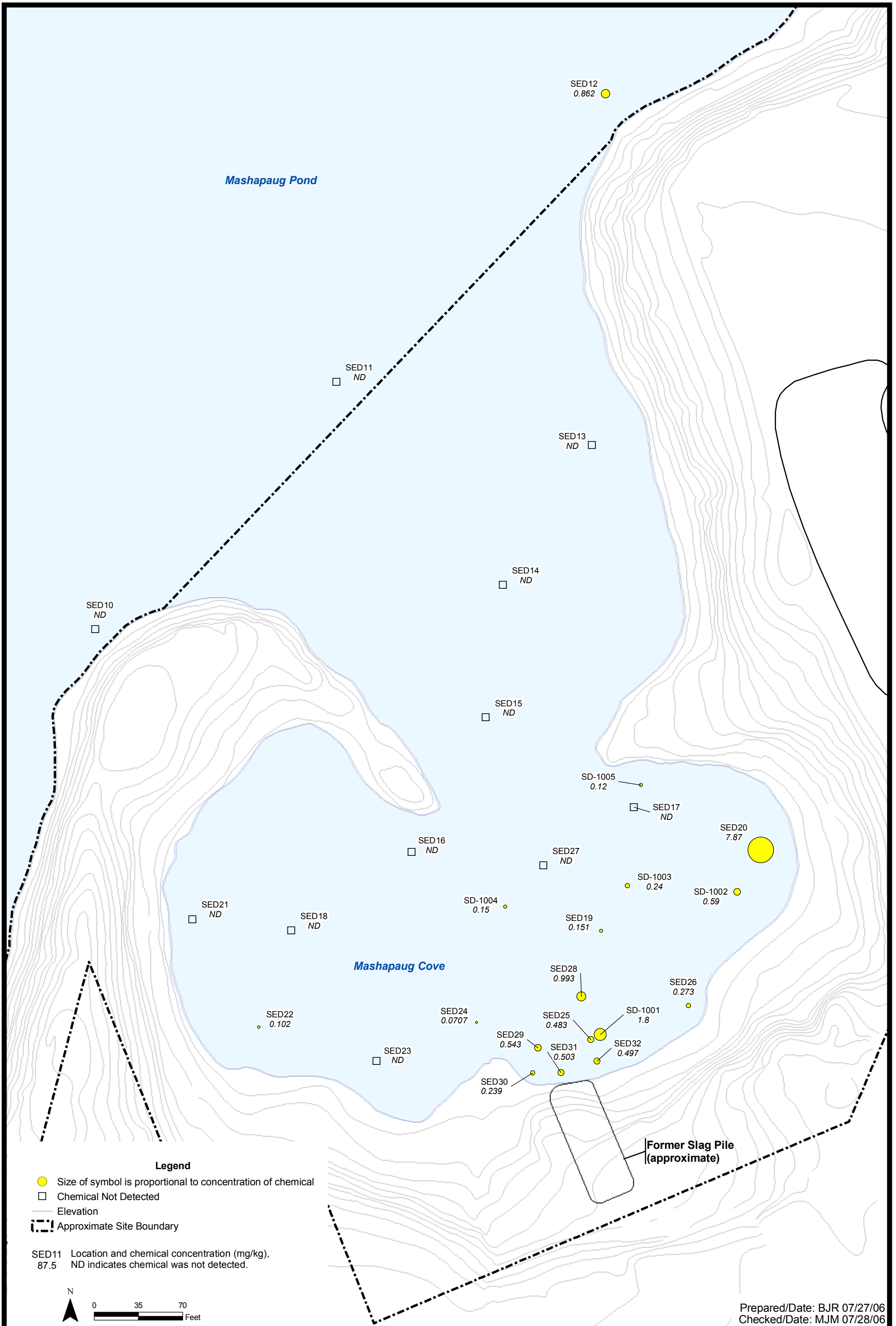
Legend

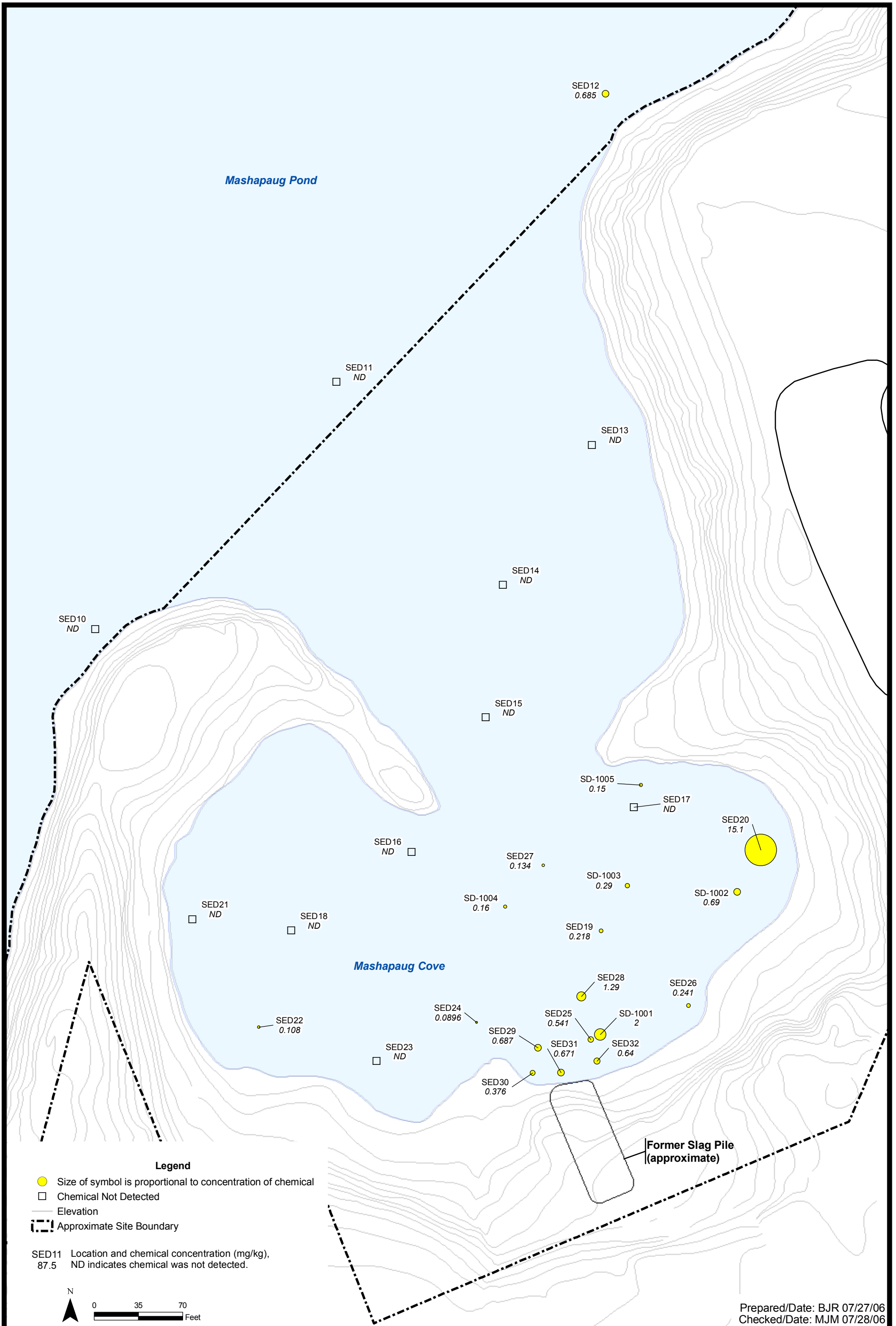
- Size of symbol is proportional to concentration of chemical
- Chemical Not Detected
- Elevation
- - - - - Approximate Site Boundary

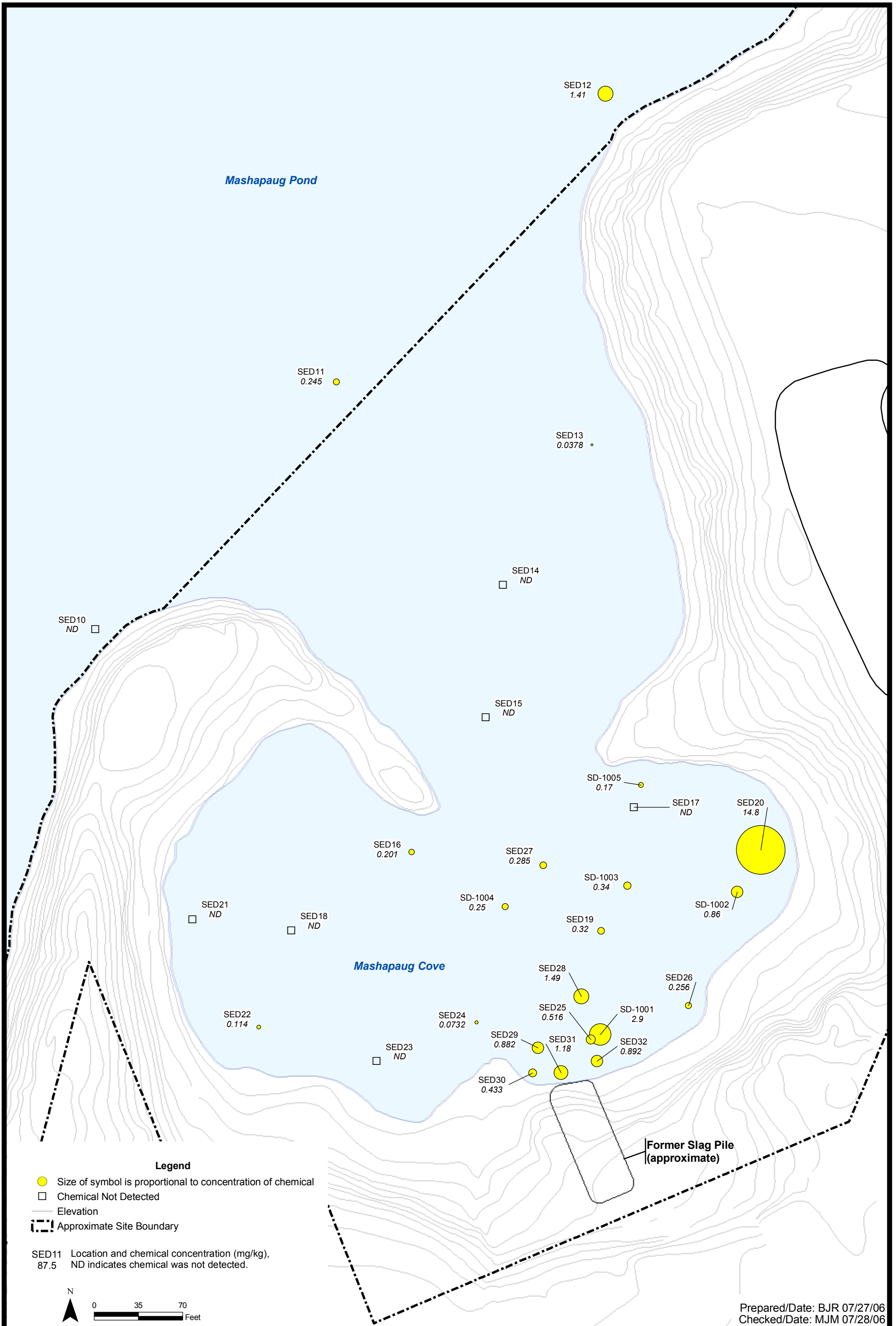
SED11 Location and chemical concentration (ug/kg),
87.5 ND indicates chemical was not detected.



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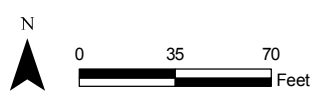




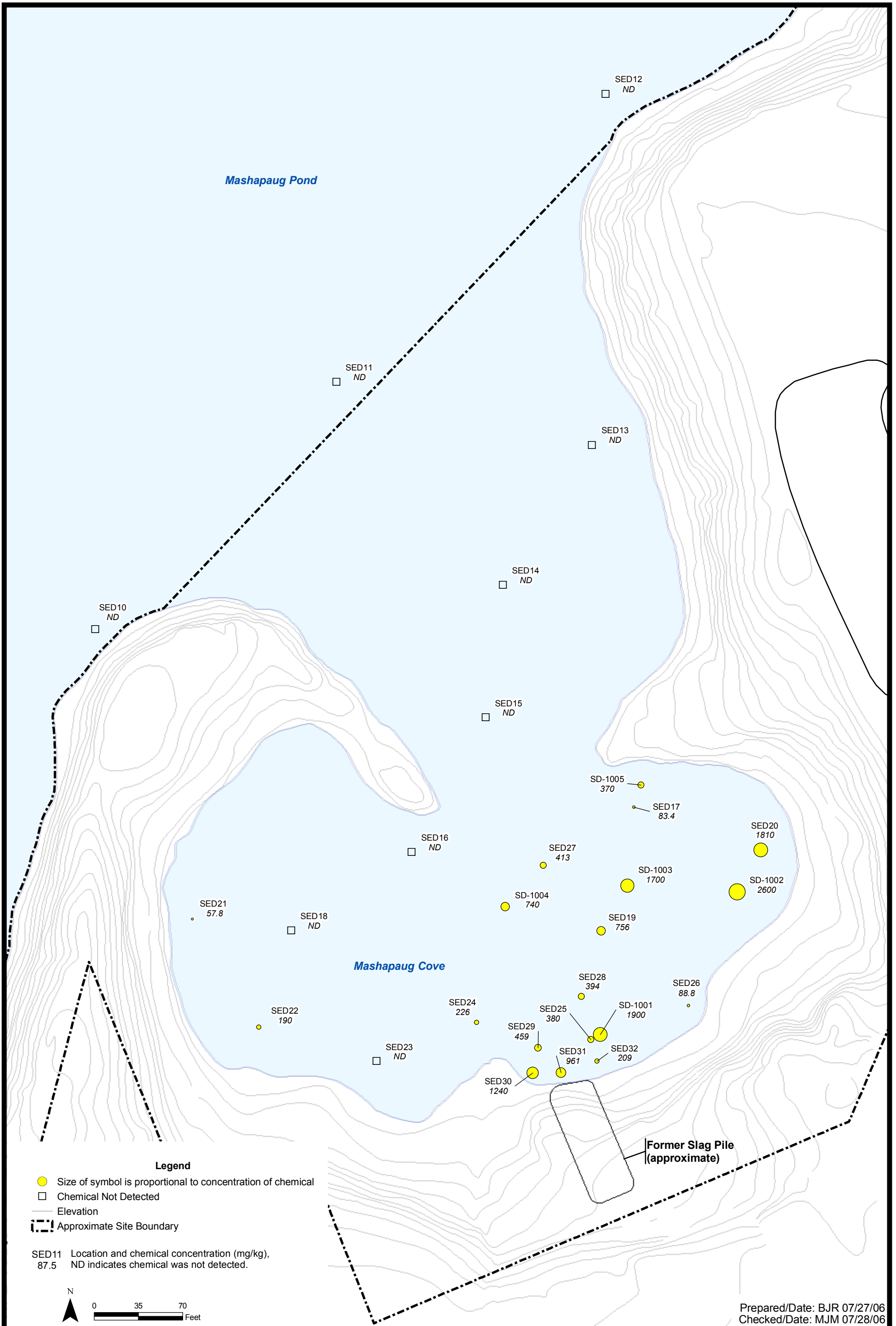
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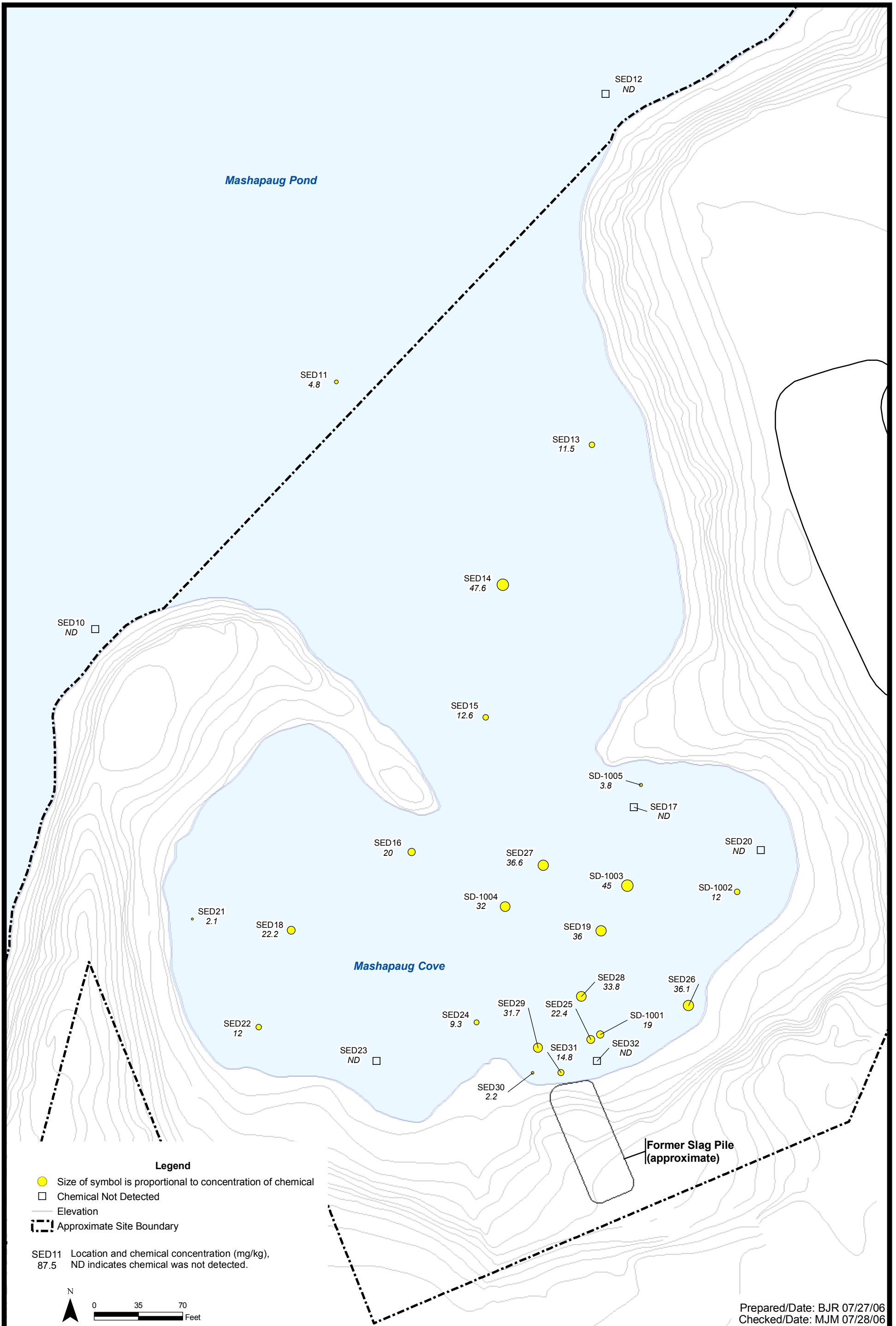
- Size of symbol is proportional to concentration of chemical
- Chemical Not Detected
- Elevation
- - - - - Approximate Site Boundary

SED11 Location and chemical concentration (mg/kg),
87.5 ND indicates chemical was not detected.



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Checked/Date: MJM 07/28/06

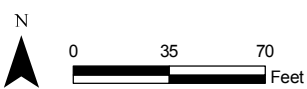




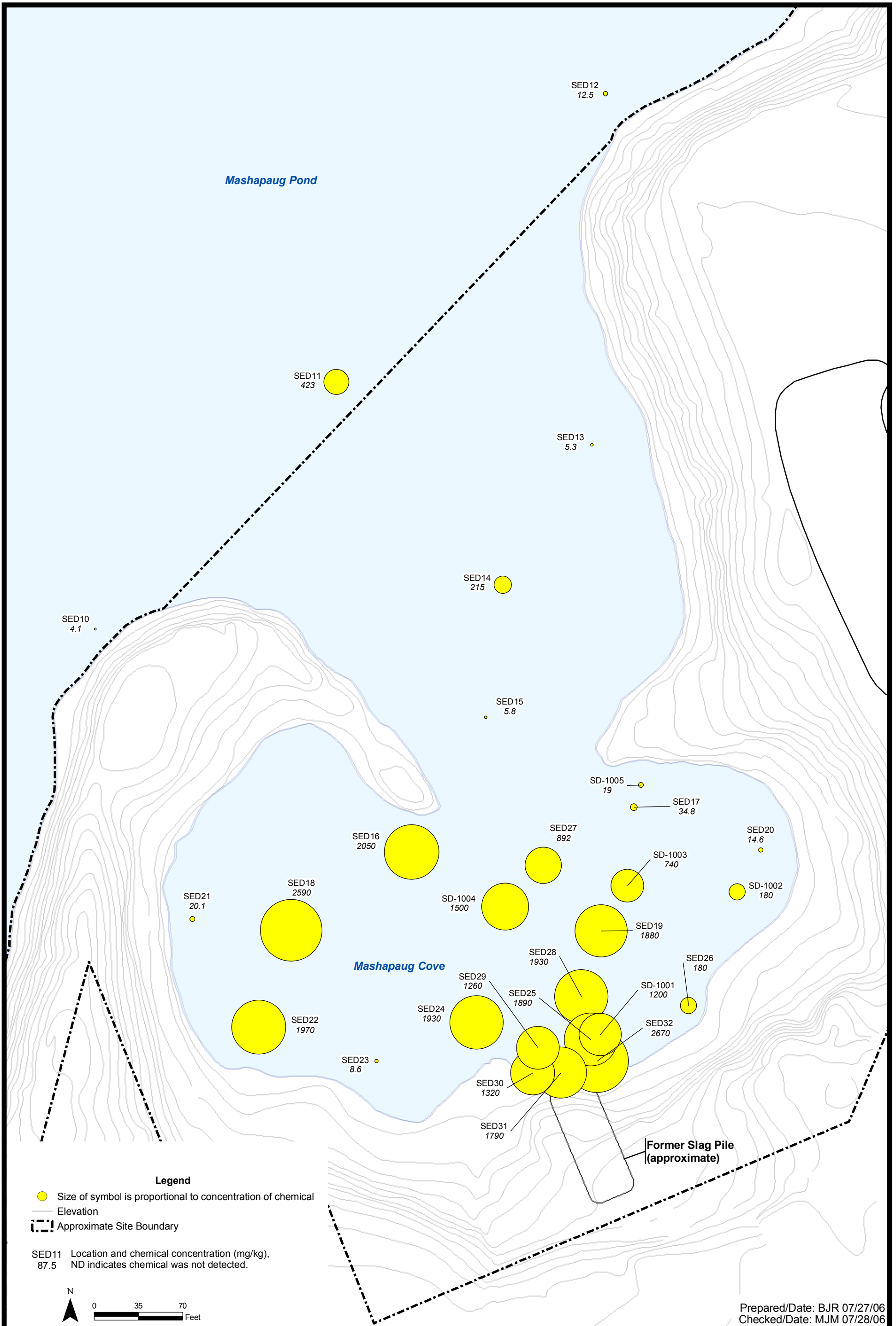
Legend

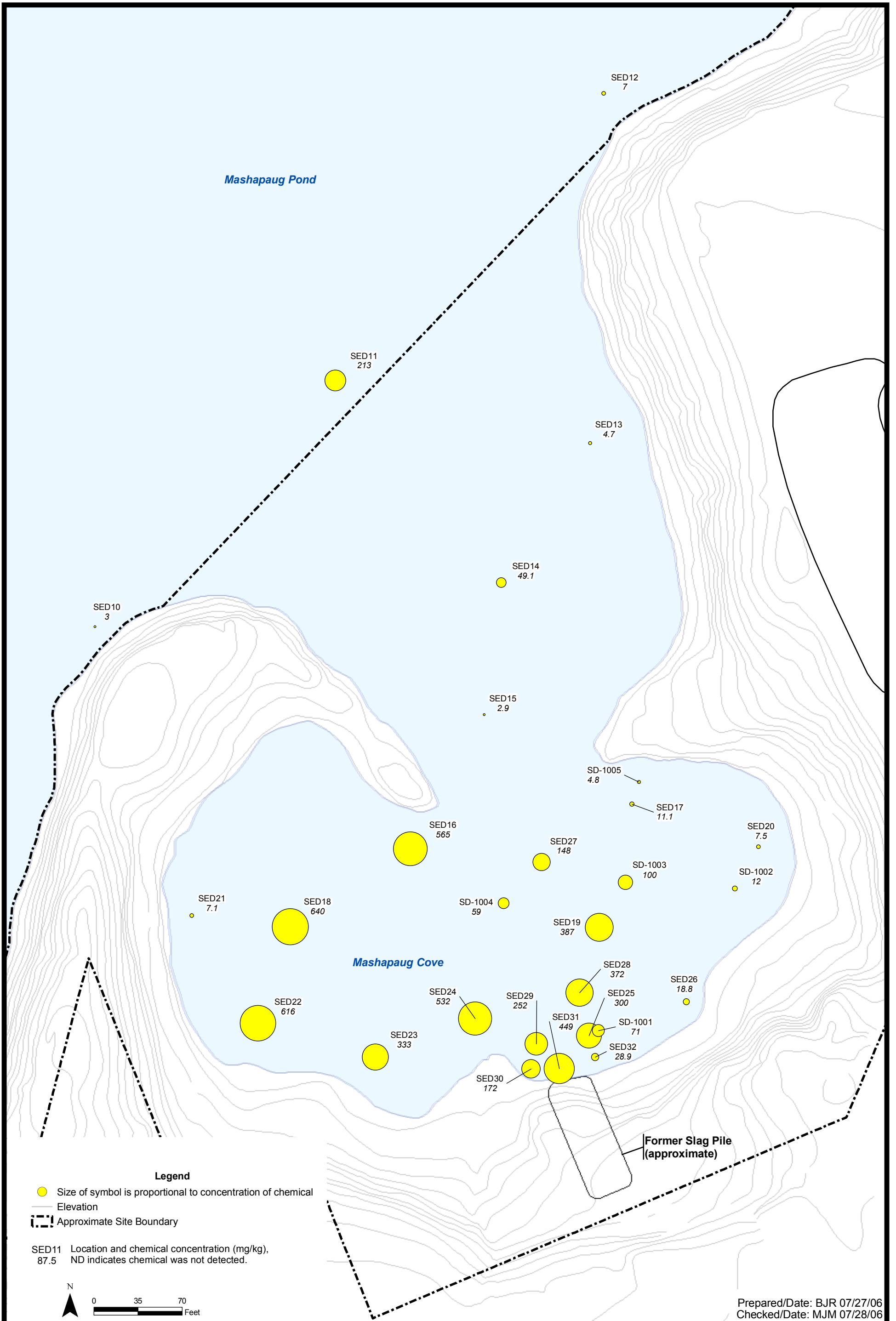
- Size of symbol is proportional to concentration of chemical
- Chemical Not Detected
- Elevation
- - - - - Approximate Site Boundary

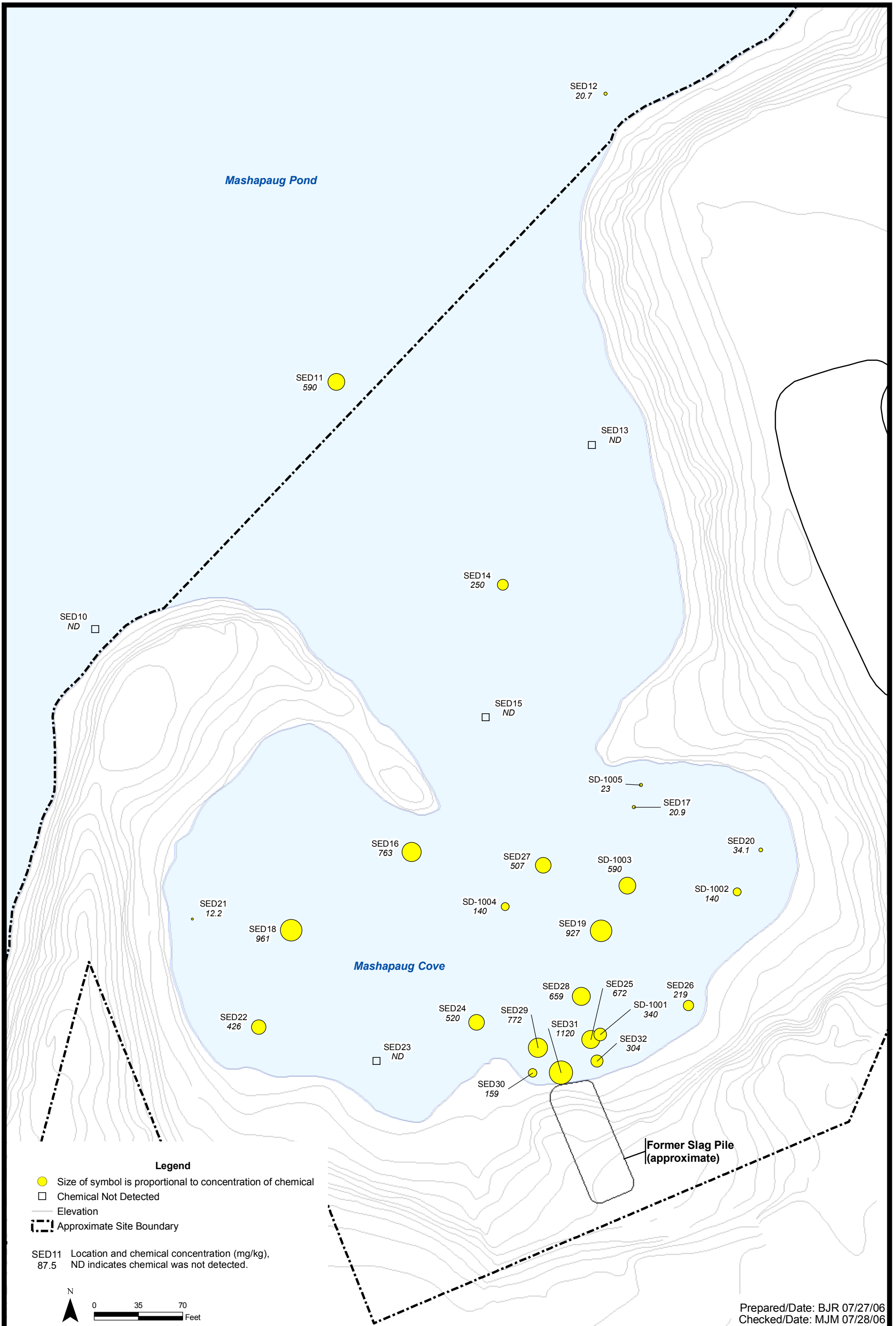
SED11 Location and chemical concentration (mg/kg),
87.5 ND indicates chemical was not detected.

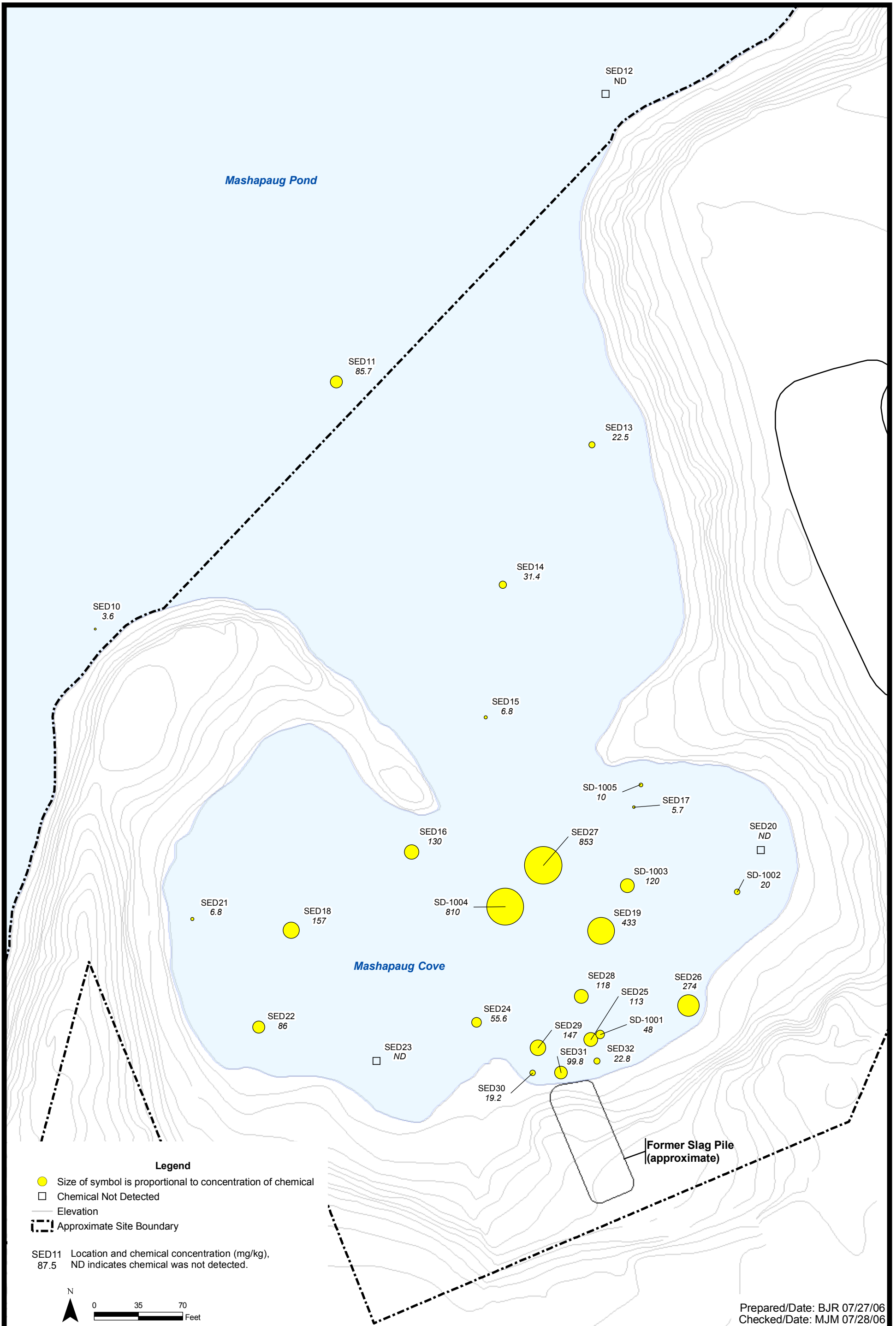


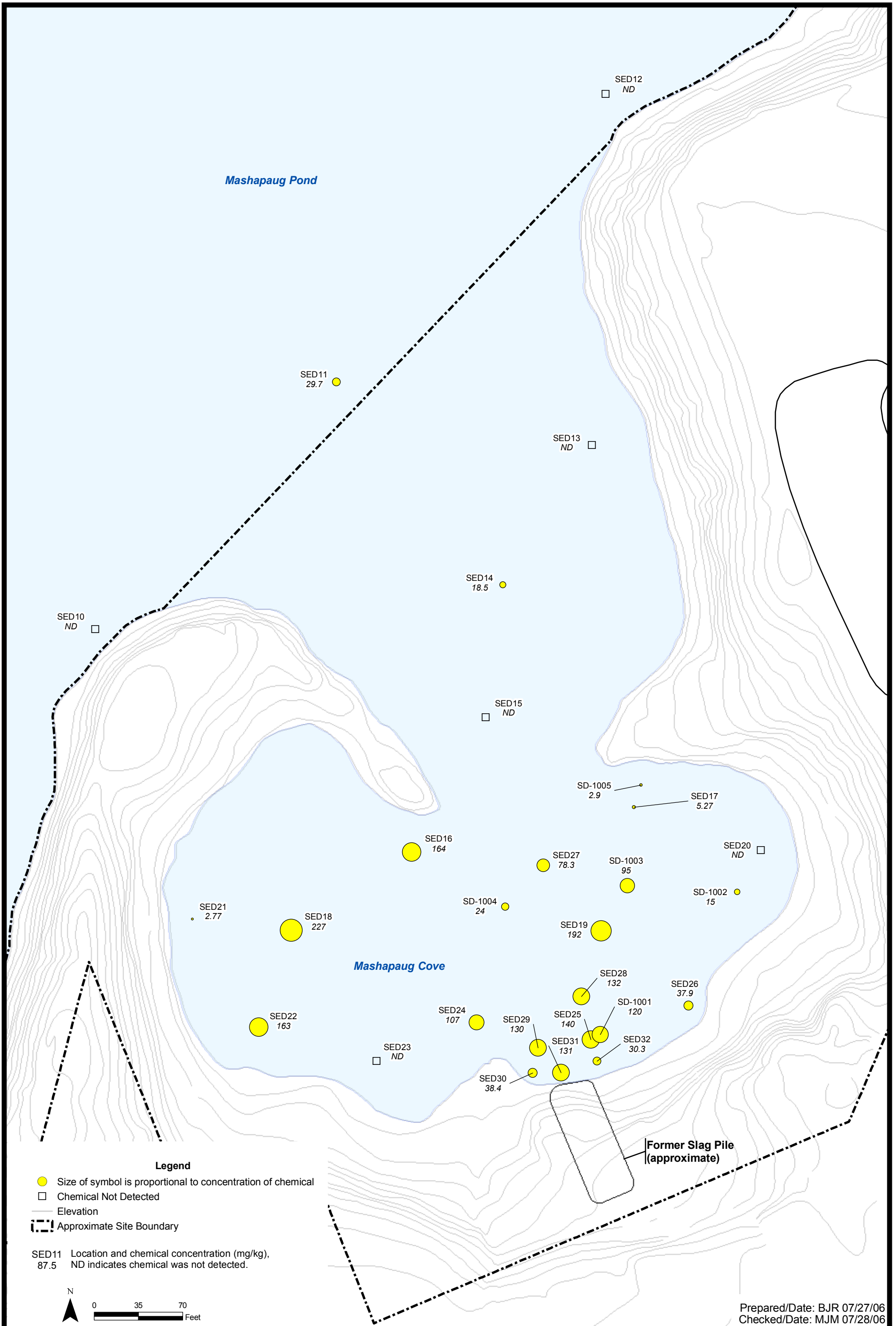
Prepared/Date: BJR 07/27/06
Checked/Date: MJM 07/28/06











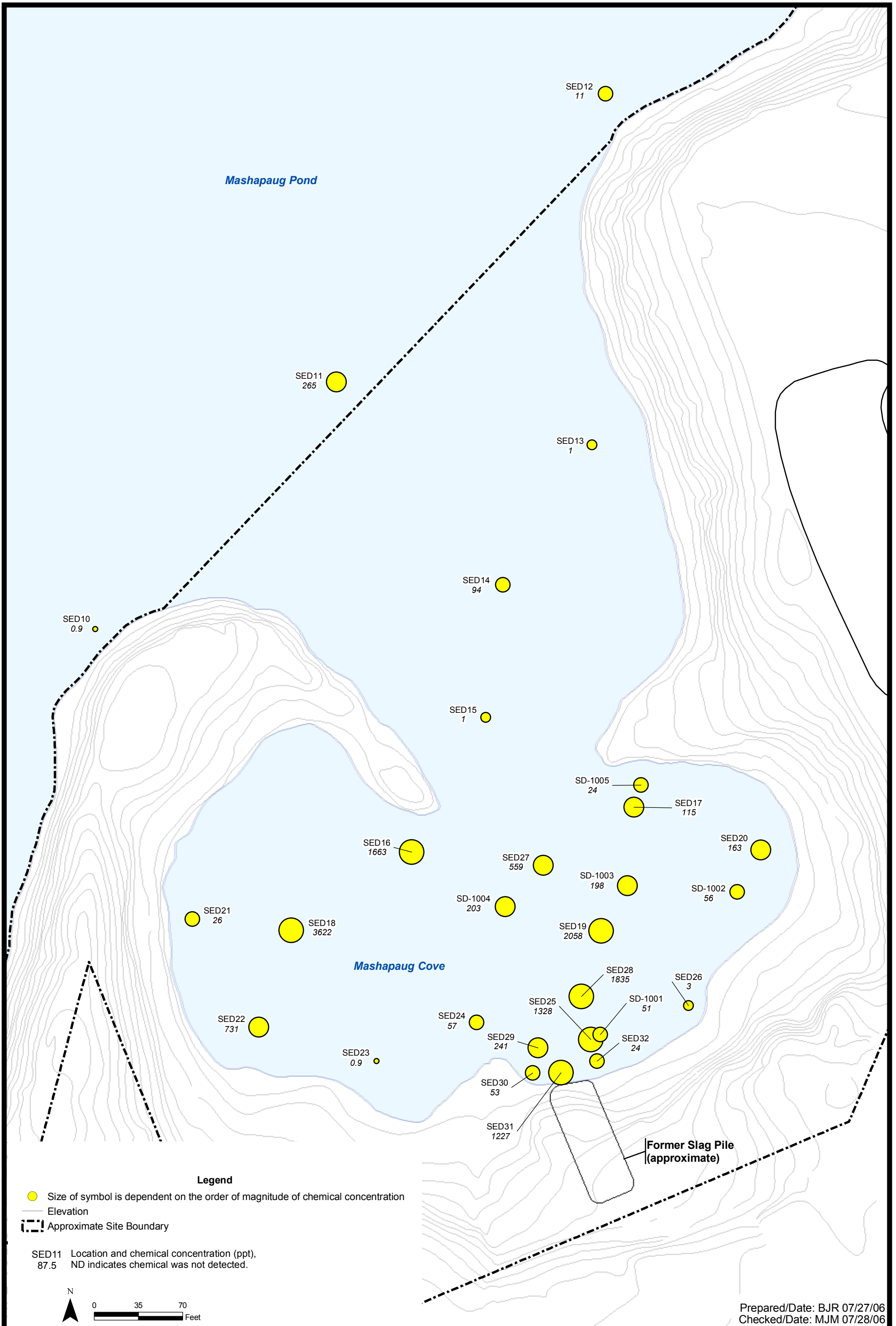


Figure 4.32
Distribution of Dioxins and Furans in Impacted Sediment Sample SED1901
Supplemental Site Investigation Report
333 Adelaide Avenue
Providence, RI

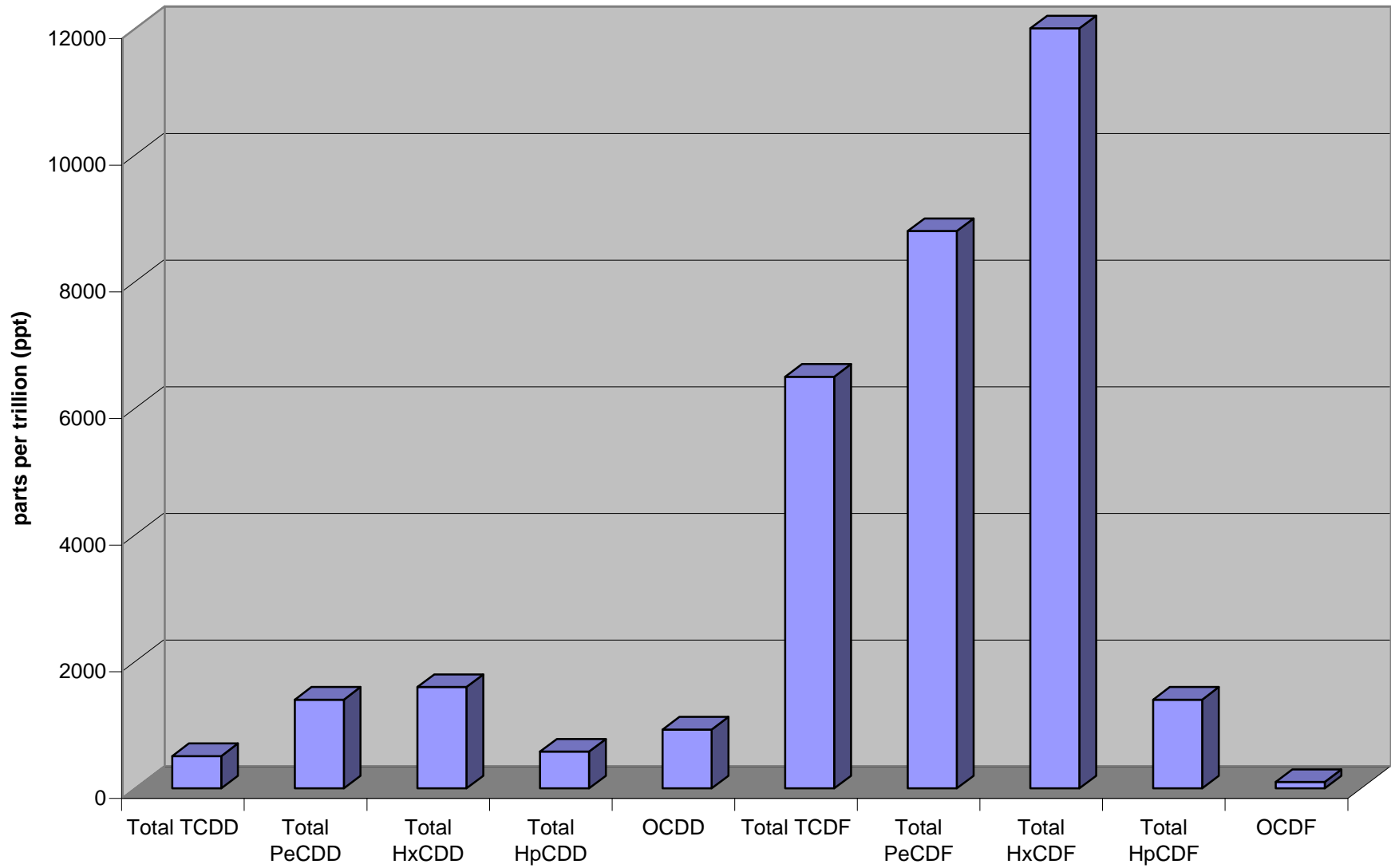


Figure 4.33
Distribution of Dioxins and Furans in Impacted Sediment Sample SED1101
Supplemental Site Investigation Report
333 Adelaide Avenue
Providence, RI

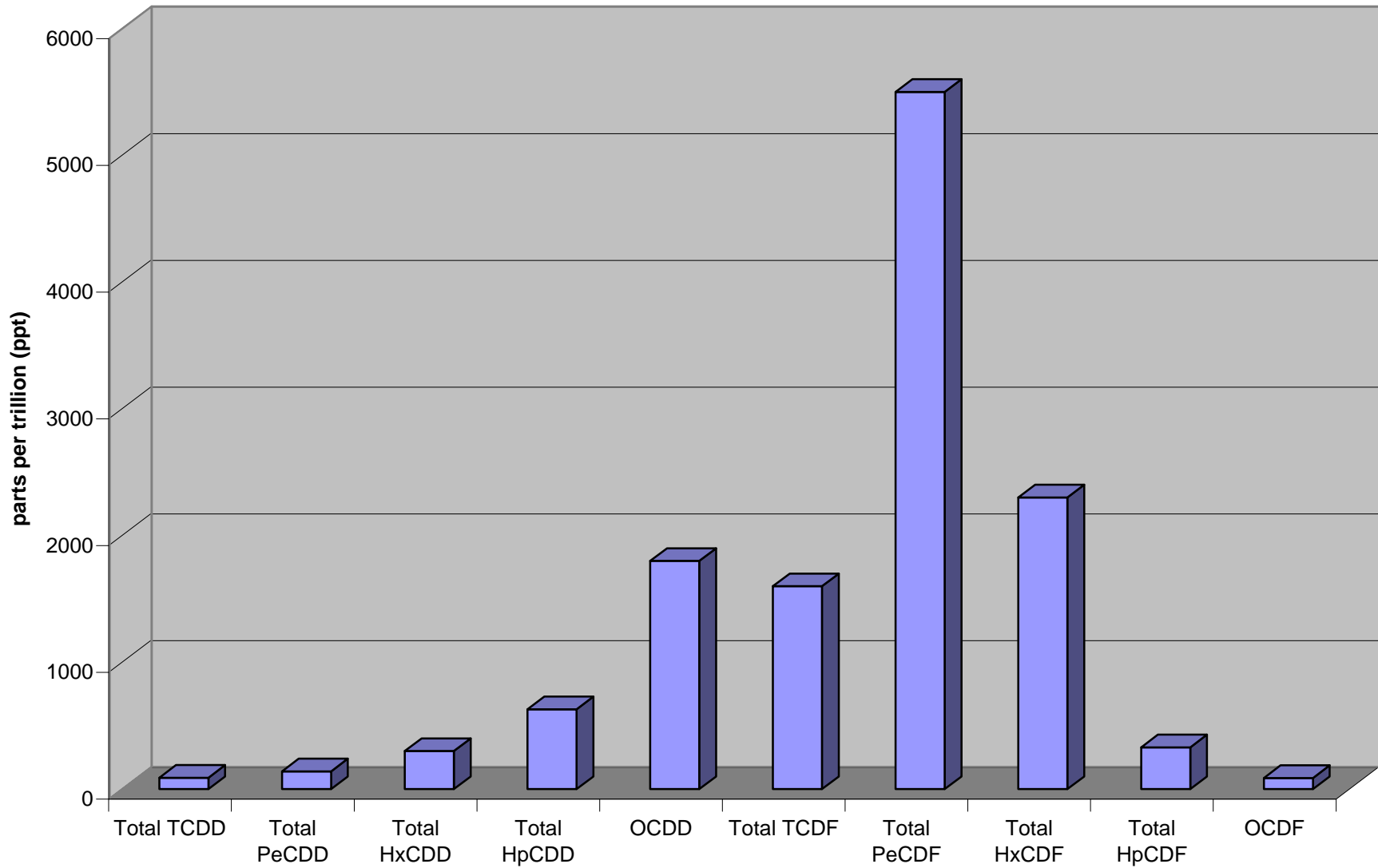
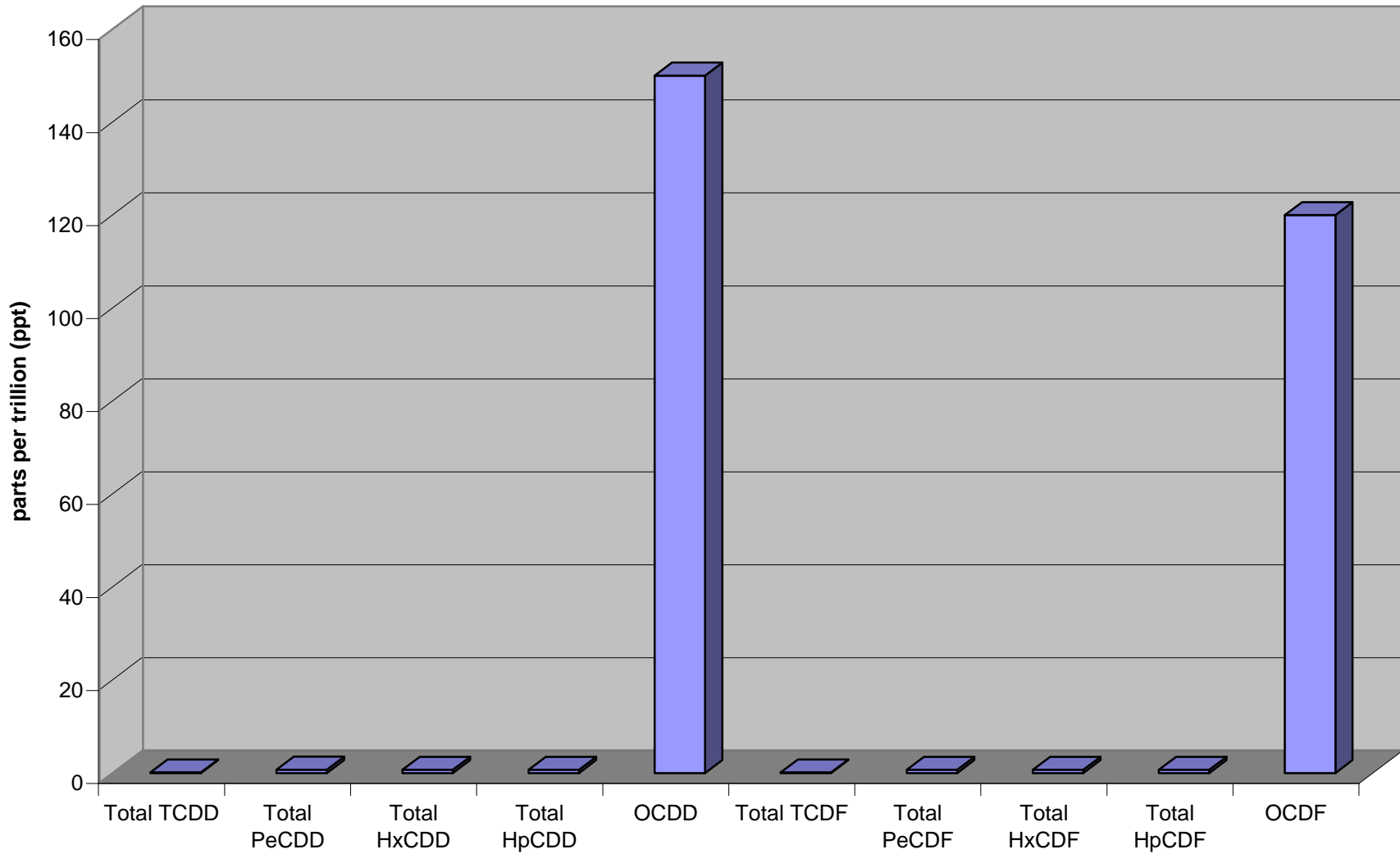


Figure 4.34
Distribution of Dioxins and Furans in Unimpacted Sediment Sampl SED1201
Supplemental Site Investigation Report
333 Adelaide Avenue
Providence, RI





LEGEND:

- MONITORING WELL LOCATION
- 39.27 - WATER TABLE ELEVATION
- GROUNDWATER CONTOUR (dashed where inferred)
- GROUNDWATER FLOW DIRECTION



Figure 4.36
Groundwater Contour Map January 1995
 (from 1995 RI Report)

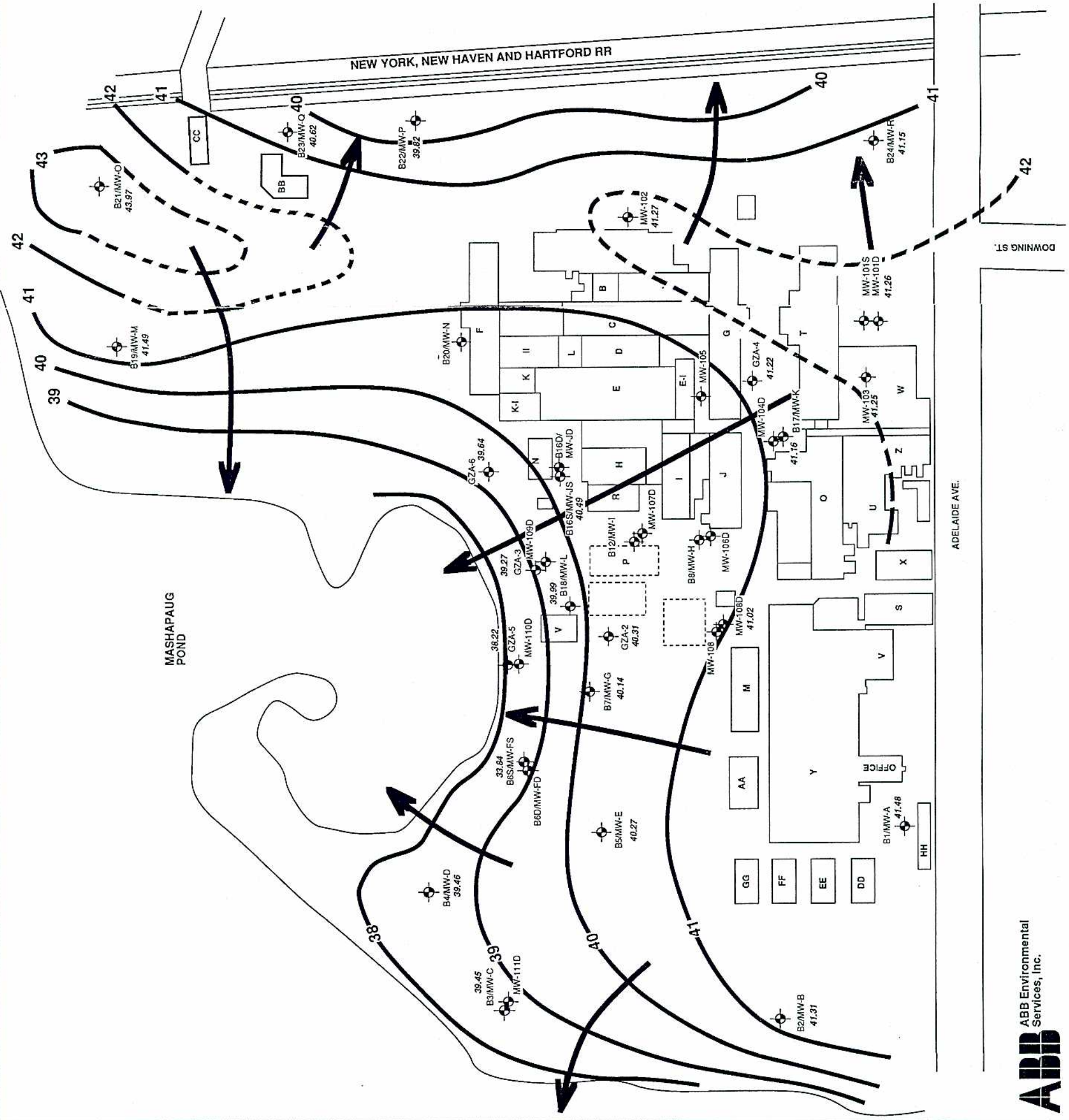


FIGURE 3-4
 GROUNDWATER CONTOUR MAP - JANUARY 4, 1995
 GORHAM MANUFACTURING SITE
 PROVIDENCE, RHODE ISLAND



LEGEND:

- MONITORING WELL LOCATION
- (11)** - TCE CONCENTRATION (ug/l)



Figure 4.38
TCE Concentrations in Shallow Aquifer
(from 1995 RI Report)

