

Borski, Jennifer - DNR

From: Borski, Jennifer - DNR
Sent: Wednesday, October 23, 2019 11:53 AM
To: Brian Wayner
Cc: 'kyle.weeks@omni.com'; 'bob.givens@omni.com'
Subject: FW: Miller Electric Melvin St. Parking Lot Proposed Soil Boring Map
Attachments: Proposed Soil Boring Map Melvin Street Parking Lot.pdf; Mauthe_FS_Cr_Soil_Maps.pdf; Mauthe_FS_Soil-GW_Map.pdf; Mauthe_FS_Cover.pdf

Brian,

Thank you for the reminder. I reviewed the email chain below and attached proposed soil boring map for B01-B06. I am comfortable with the proposed hand auger boring locations. Thank you for asking and providing time to review.

Resurfacing the lot is not a concern for DNR other than to maintain the integrity of existing monitoring wells, MW-101 and MW-109.

Parking lot replacement that includes removal of the asphalt, sub-base and possibly soil will require further coordination. Please see the attached maps scanned from the May 1993 Feasibility Report that may be of interest. As you are aware, finite delineation of the chromium contamination was not performed by USEPA and documentation of investigation/remedial work performed is also lacking. However, the attached maps provide some insight into possible residual chromium in shallow soil beneath the Miller parking lot.

Please keep me posted on how Miller intends to proceed (resurface or replace). Thank you.

We are committed to service excellence.

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Jennifer Borski

Vapor Intrusion Team Leader / Hydrogeologist
Remediation & Redevelopment Program / Environmental Management Division
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Oshkosh, WI 54901-9731
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dnr.wi.gov



From: Brian Wayner <Brian.Wayner@omni.com>
Sent: Wednesday, October 23, 2019 10:58 AM
To: Borski, Jennifer - DNR <Jennifer.Borski@wisconsin.gov>
Cc: Kyle Weeks <Kyle.Weeks@omni.com>; Bob Givens <Bob.Givens@omni.com>
Subject: FW: Miller Electric Melvin St. Parking Lot Proposed Soil Boring Map

Hi Jenna,

I'm just following up on this. Will you have time to look at the information below and attached within the next week or so? We are planning on hand boring so we have field staff availability to work around, but more importantly, we would like to get the work done before frost starts to become an issue.

Brian Wayner, P.E.

Environmental Manager

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OMNNI Associates

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One Systems Drive, Appleton, WI 54914

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From: Brian Wayner

Sent: Monday, October 14, 2019 4:38 PM

To: Jennifer Borski - DNR <Jennifer.Borski@Wisconsin.gov>

Cc: Kyle Weeks (Kyle.Weeks@omni.com) <Kyle.Weeks@omni.com>; Bob Givens <Bob.Givens@omni.com>

Subject: FW: Miller Electric Melvin St. Parking Lot Proposed Soil Boring Map

Hi Jenna,

As I mentioned in an earlier email, OMNNI will be perform some work for Miller Electric. The parking lot west of Mauthe is being evaluated for reconstruction. Part of the evaluation is to understand if the lot just needs to be resurfaced or if the subsoils are such that excavation is required and additional subbase installed. The attached map (and email thread below) is proposed borings to obtain a better understanding of the parking lot and subsurface conditions. I know the collection trench is beneath the parking lot and there are at least two monitoring wells. Do you have any concerns with the proposed boring locations or the project in general?

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From: Kyle Weeks <Kyle.Weeks@omni.com>

Sent: Monday, October 14, 2019 3:59 PM

To: Brian Wayner <Brian.Wayner@omni.com>

Cc: Bob Givens <Bob.Givens@omni.com>

Subject: RE: Miller Electric Melvin St. Parking Lot Proposed Soil Boring Map

Brian, Attached is the updated map.

Note, we are contracted by Miller Electric to investigate the existing parking lot pavement section and soil subgrade. OMNNI will be performing asphalt cores and then hand augers to an approximate depth of 4 feet.

Thanks,

Kyle

From: Kyle Weeks
Sent: Monday, October 14, 2019 3:29 PM
To: Brian Wayner <Brian.Wayner@omni.com>
Subject: RE: Miller Electric Melvin St. Parking Lot Proposed Soil Boring Map

Yes, Can do. I'll have it updated in a few minutes.
Kyle

From: Brian Wayner <Brian.Wayner@omni.com>
Sent: Monday, October 14, 2019 3:26 PM
To: Kyle Weeks <Kyle.Weeks@omni.com>
Cc: Bob Givens <Bob.Givens@omni.com>
Subject: RE: Miller Electric Melvin St. Parking Lot Proposed Soil Boring Map

Kyle,
Can you update your map to show the two monitoring wells (MW101 & MW109). I should have pulled the attached map out of the archives earlier.

Brian Wayner, P.E.

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From: Kyle Weeks <Kyle.Weeks@omni.com>
Sent: Monday, October 14, 2019 3:21 PM
To: Brian Wayner <Brian.Wayner@omni.com>
Cc: Bob Givens <Bob.Givens@omni.com>
Subject: Miller Electric Melvin St. Parking Lot Proposed Soil Boring Map

Brian,
Attached is my proposed soil boring map for the Miller Electric Parking Lot between Melvin St. and 2nd St.

These boring locations can get moved wherever is needed to stay out of the way.
Can you please send this to Jennifer Borski at WDNR for review? If she has not issue with the "gray-colored" piping trench zone, I may relocate a boring inside that zone for better boring location distribution.

Thanks,

Kyle Weeks, P.E.

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Miller Electric

Proposed Soil Borings

Legend

W Melvin St

S Douglas St

W 2nd St

B01

B02

B05

B03

B04

B06

Monitoring Well MW-109

Collection Trench
Approx. limits

Lift Station

Monitoring Well MW-101

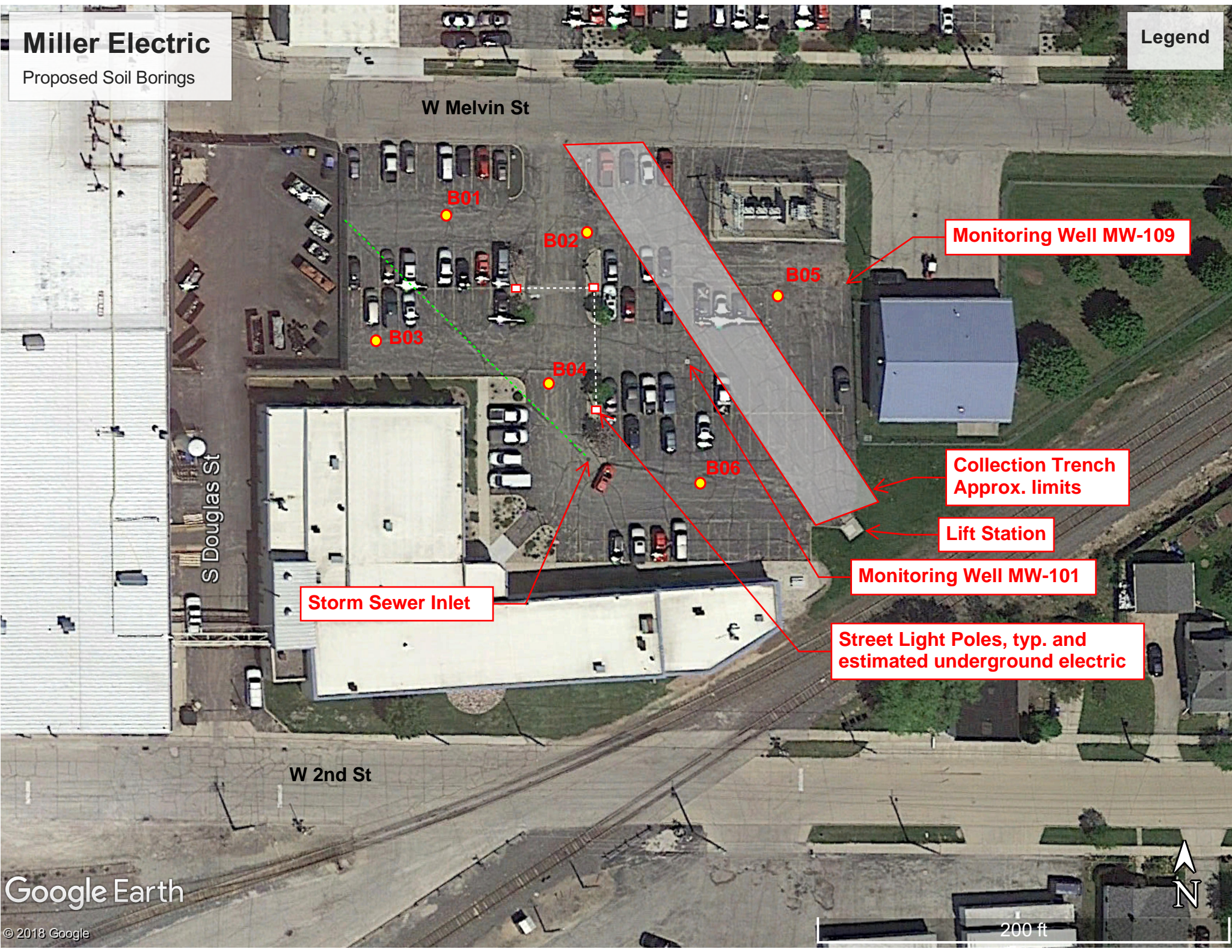
Storm Sewer Inlet

Street Light Poles, typ. and
estimated underground electric

Google Earth

© 2018 Google

200 ft





May 28, 1993

GLO32860.FF.NN

Mr. Terry Koehn
Wisconsin Department of Natural Resources
1125 N. Military Ave.
P.O. Box 10448
Green Bay, WI 54307-0448

Dear Mr. Koehn:

Subject: Final Feasibility Study Report
N.W. Mauthe Site, Appleton, Wisconsin

Enclosed are four copies of the Final Feasibility Study Report for the N.W. Mauthe site in Appleton, Wisconsin. Copies have also been sent directly to the persons listed below.

If you have any questions about the project, please call me at (414) 272-1052 ext. 382.

Sincerely,

CH2M HILL

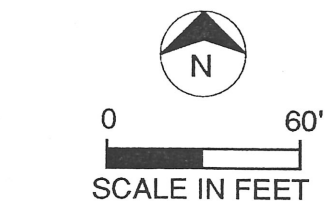
A handwritten signature in black ink, appearing to read 'Jeffrey J. Keiser', is written over the typed name.

Jeffrey J. Keiser
Project Manager

100120F2.GLO

Enclosures

cc: Mr. Gary Edelstein/DNR/Madison (4 copies)
Mr. Jon Peterson/U.S. EPA (9 copies)
Ms. Susan Coll/U.S. EPA (w/o attachments)
Mr. John Fleissner/CH2M HILL/RTL
Mr. Phil Smith/CH2M HILL/QC Review
Mr. Mark Hinchey/CH2M HILL/QC Review



LEGEND

- MW17 OLD MONITORING WELL LOCATION AND NUMBER
- ▣ W2 NEWLY INSTALLED MONITORING WELL LOCATION AND NUMBER
- SG5 STORM SEWER MANHOLE LOCATION AND NUMBER
- ⊖ SG1 SANITARY SEWER MANHOLE LOCATION AND NUMBER
- SB1 SOIL BORING LOCATION AND NUMBER
- ⊠ E1 TEST PIT LOCATION AND NUMBER
- SHALLOW GROUNDWATER COLLECTION LINE
- SURFACE WATER DITCH
- SW3 SURFACE WATER SAMPLING LOCATION AND NUMBER
- SW5 EXTRACTION SYSTEM CROCK SAMPLING LOCATION AND NUMBER
- SS1○ SURFACE SOIL SAMPLE LOCATION AND NUMBER
- SP5◆ SUMP PUMP LOCATION AND NUMBER

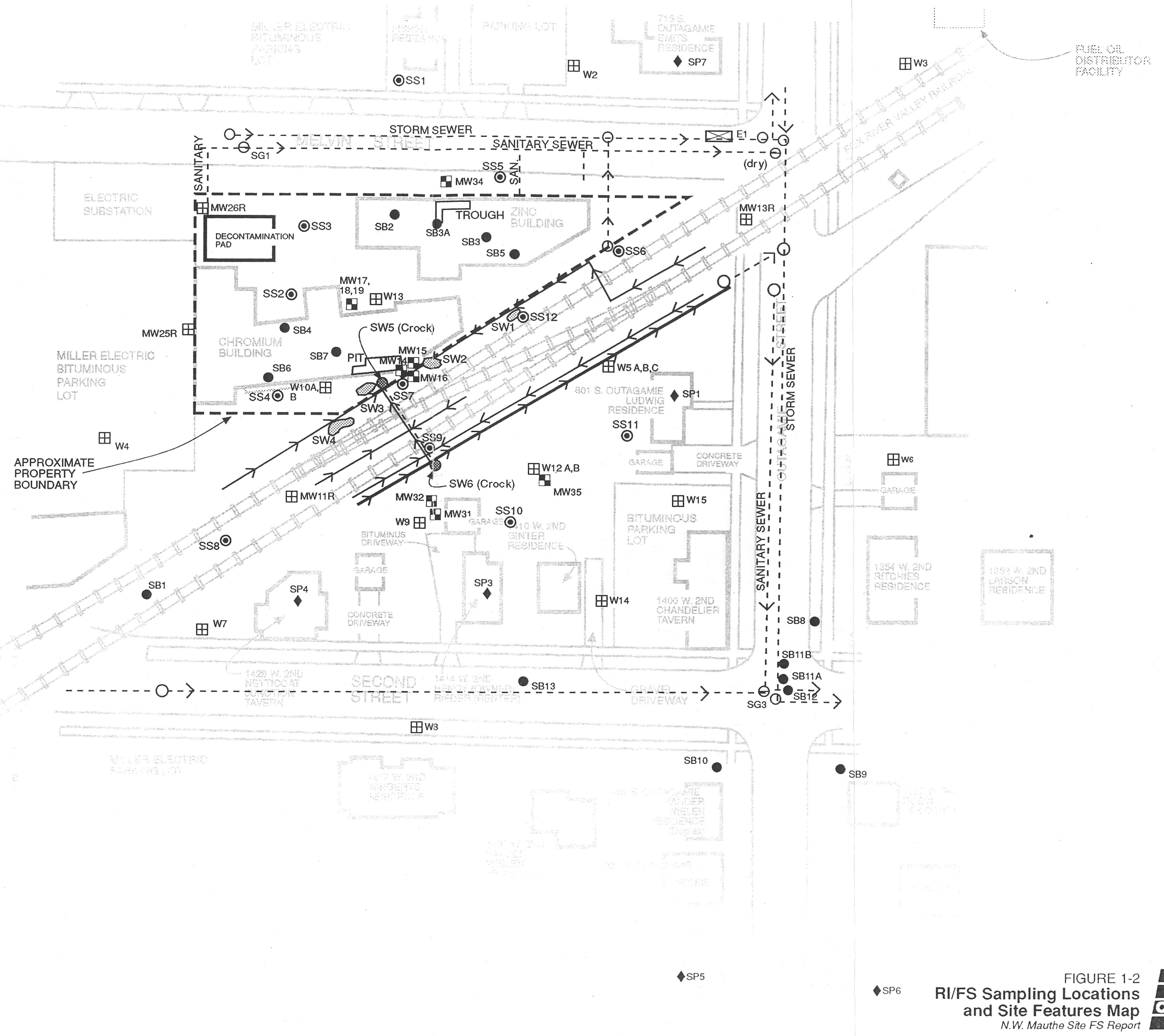
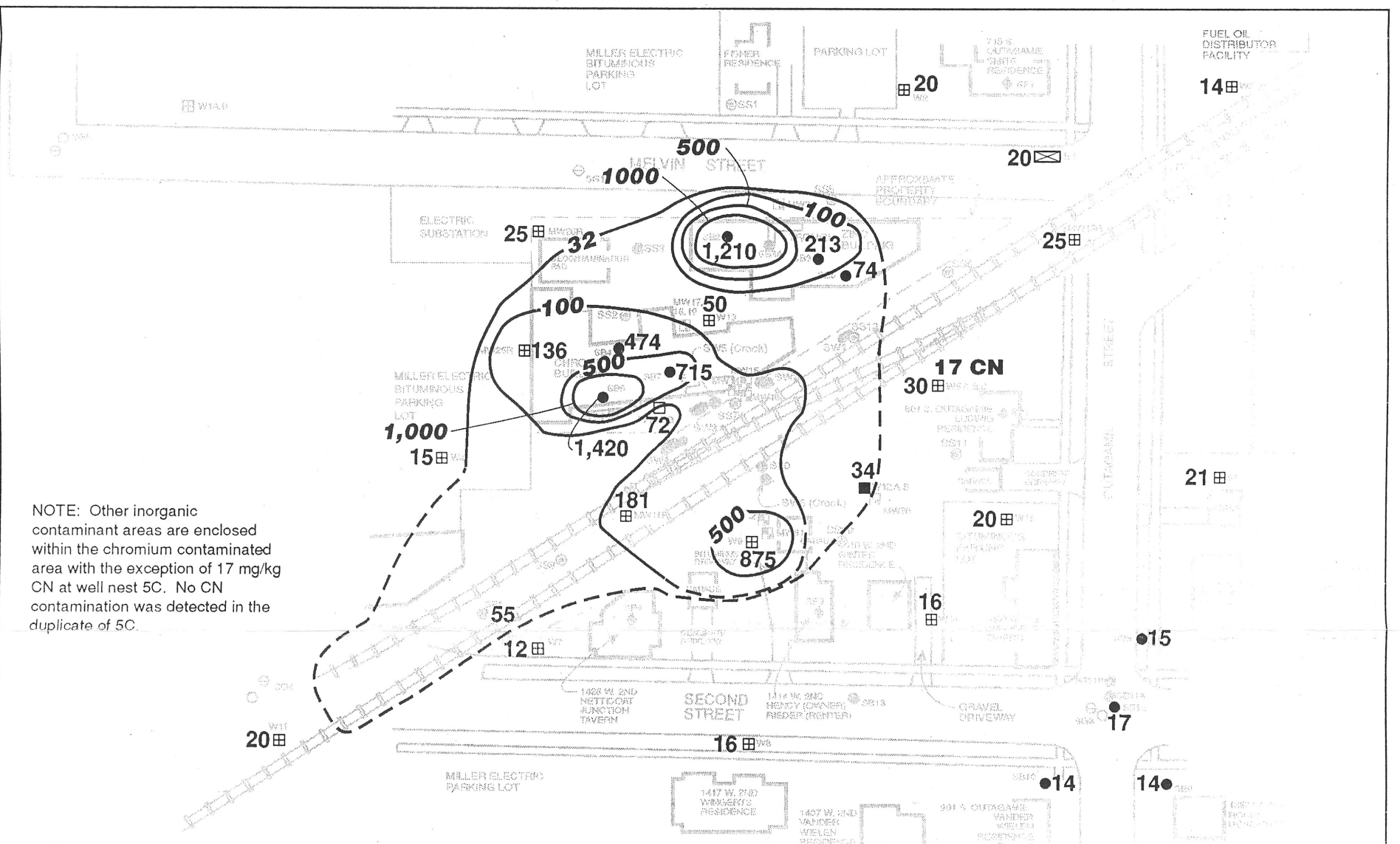
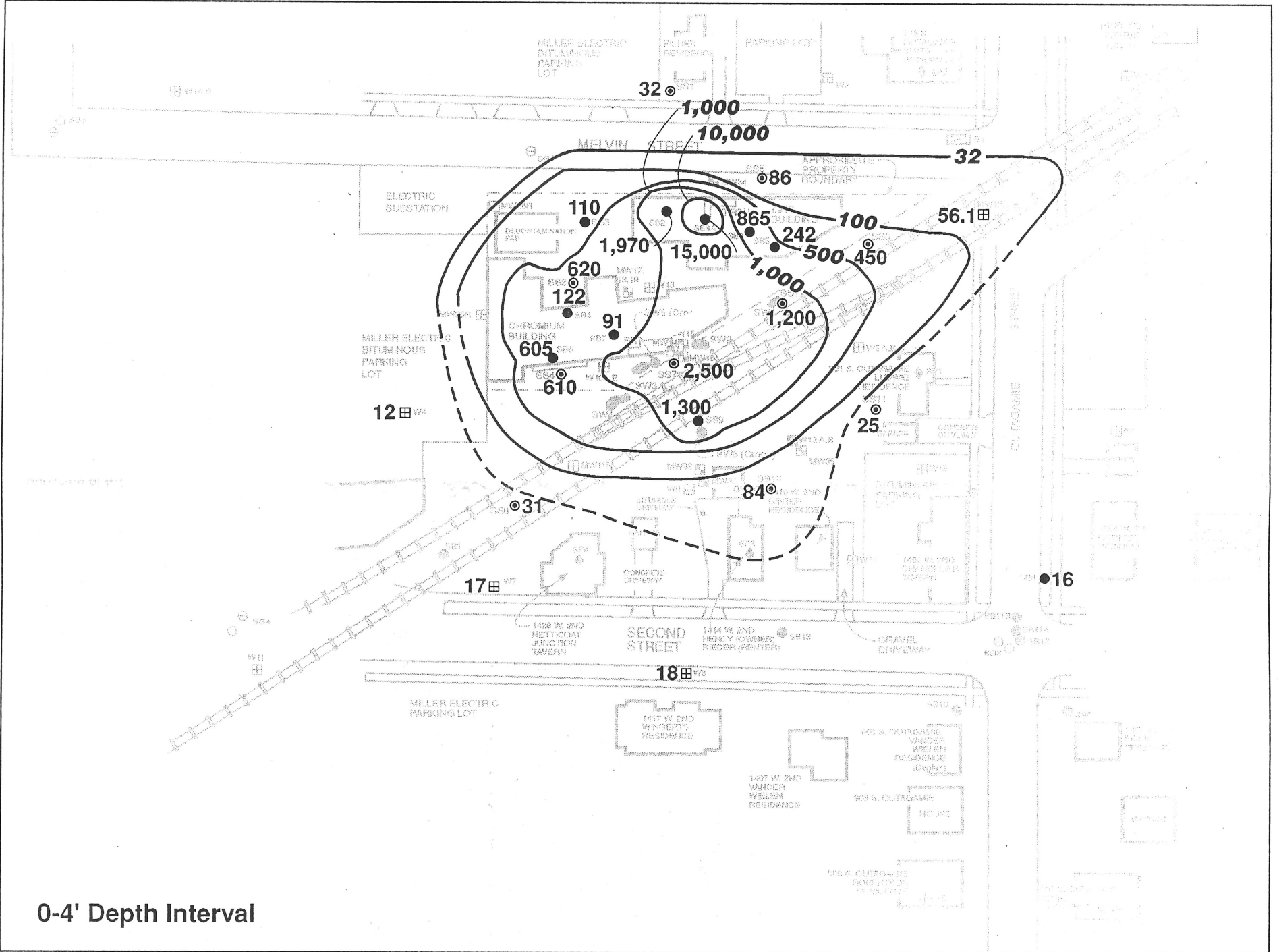


FIGURE 1-2
RI/FS Sampling Locations
and Site Features Map
N.W. Mauthe Site FS Report





NOTE: Other inorganic contaminant areas are enclosed within the chromium contaminated area with the exception of 17 mg/kg CN at well nest 5C. No CN contamination was detected in the duplicate of 5C.

4-10' Depth Interval

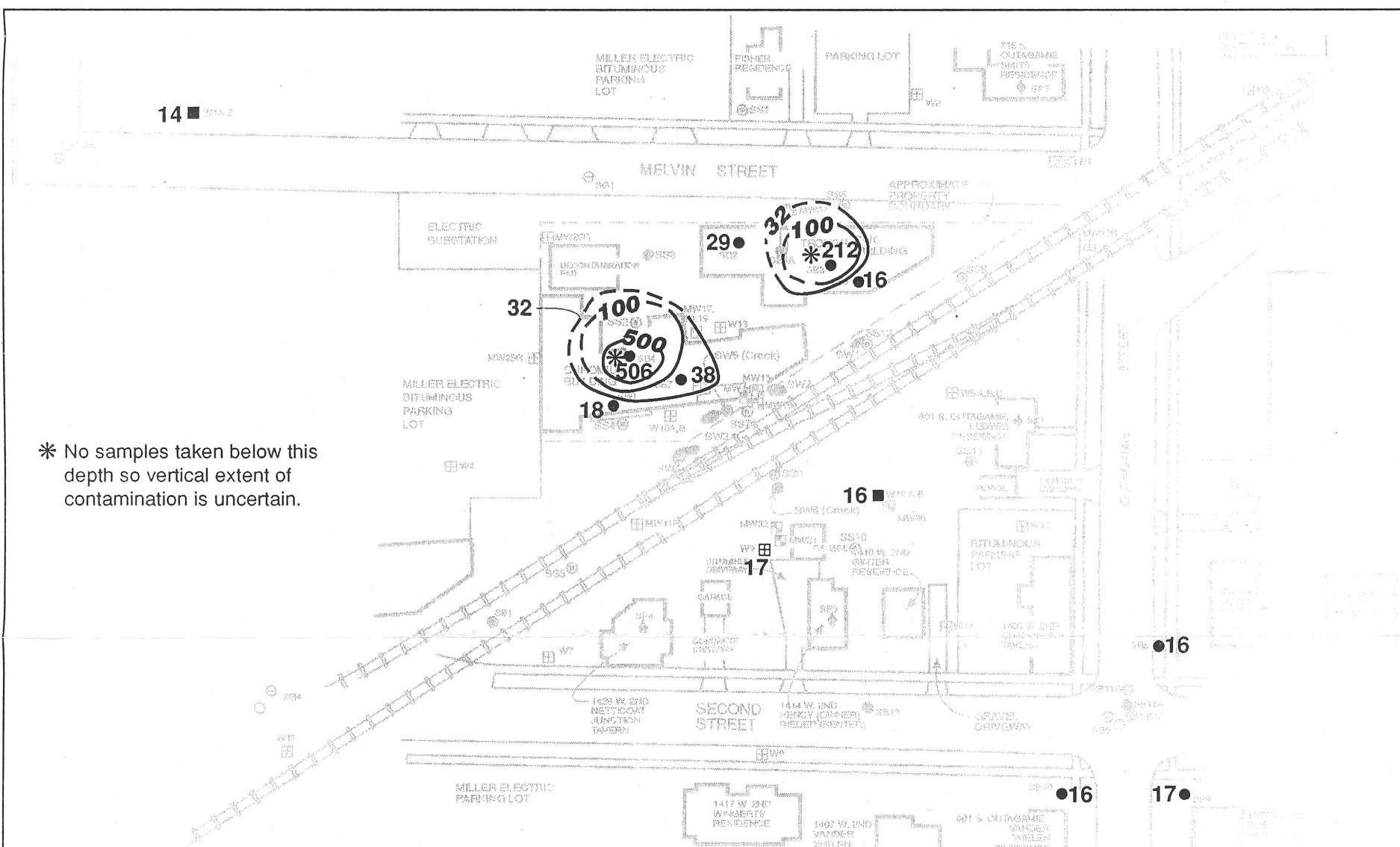
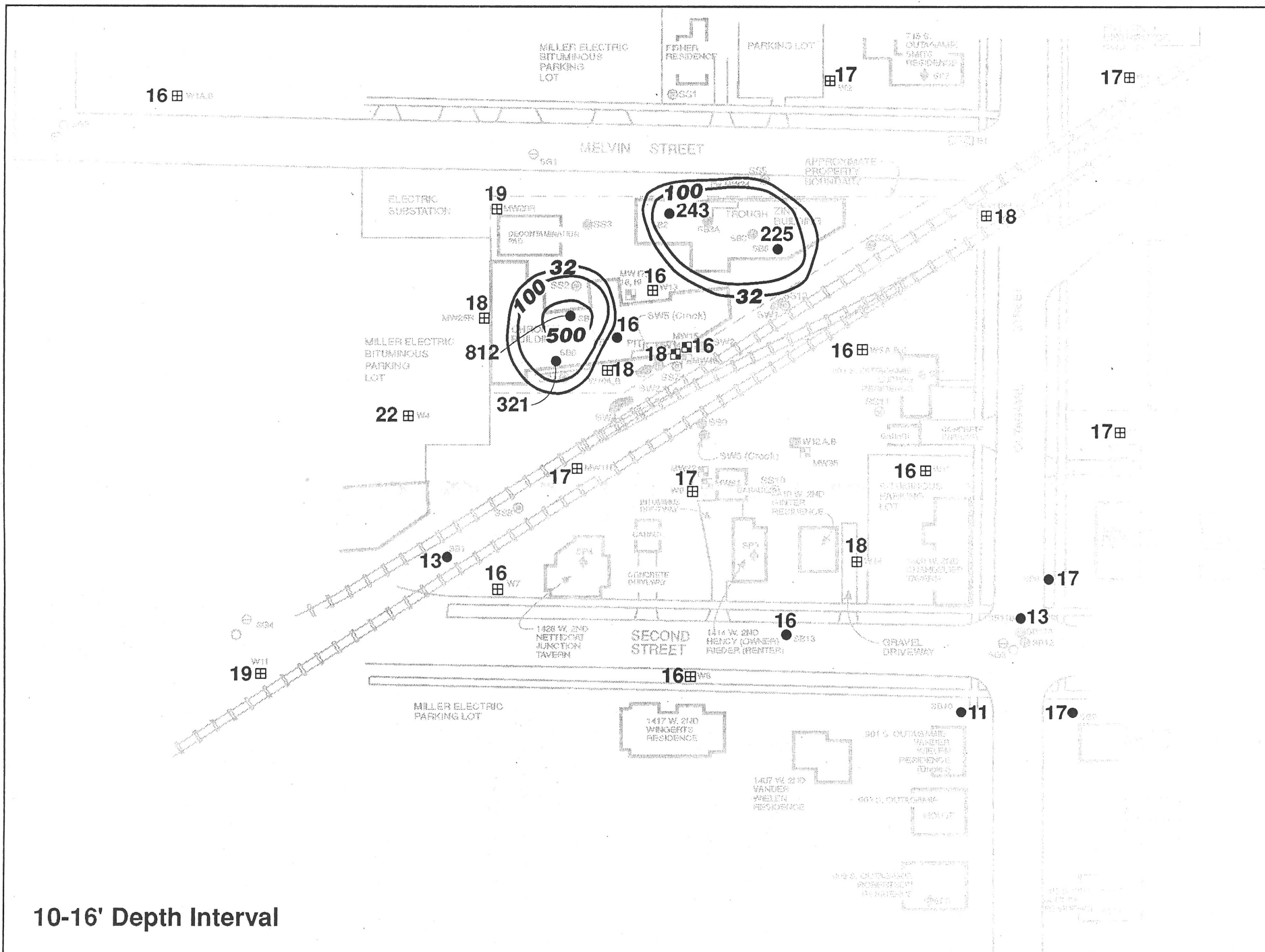
SCALE IN FEET

LEGEND

OLD MONITORING WELL LOCATION AND NUMBER	TEST PIT LOCATION AND NUMBER
NEWLY INSTALLED MONITORING WELL LOCATION AND NUMBER	SURFACE WATER SAMPLING LOCATION AND NUMBER
STORM SEWER MANHOLE LOCATION AND NUMBER	EXTRACTION SYSTEM CROCK SAMPLING LOCATION AND NUMBER
SANITARY SEWER MANHOLE LOCATION AND NUMBER	SURFACE SOIL SAMPLE LOCATION AND NUMBER
SOIL BORING LOCATION AND NUMBER	SUMP PUMP LOCATION AND NUMBER
	CHROMIUM CONCENTRATION CONTOUR IN SOIL (mg/kg)
	APPROXIMATE CHROMIUM CONCENTRATION IN SOIL (mg/kg)

FIGURE 2-3 (Sheet 1 of 2)
Total Chromium Concentrations in Soil
 N.W. Mauthe Site FS Report





* No samples taken below this depth so vertical extent of contamination is uncertain.

16-22' Depth Interval

LEGEND	
	OLD MONITORING WELL LOCATION AND NUMBER
	NEWLY INSTALLED MONITORING WELL LOCATION AND NUMBER
	STORM SEWER MANHOLE LOCATION AND NUMBER
	SANITARY SEWER MANHOLE LOCATION AND NUMBER
	SOIL BORING LOCATION AND NUMBER
	TEST PIT LOCATION AND NUMBER
	SURFACE WATER SAMPLING LOCATION AND NUMBER
	EXTRACTION SYSTEM CROCK SAMPLING LOCATION AND NUMBER
	SURFACE SOIL SAMPLE LOCATION AND NUMBER
	SUMP PUMP LOCATION AND NUMBER
	CHROMIUM CONCENTRATION CONTOUR IN SOIL (µg/kg)
	APPROXIMATE VOC CONCENTRATION CONTOUR IN SOIL (µg/kg)

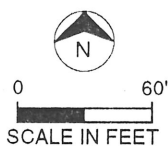


FIGURE 2-3 (Sheet 2 of 2)
Total Chromium Concentrations in Soil
N.W. Mauthe Site FS Report



