

From: Beggs, Tauren R - DNR
Sent: Monday, June 20, 2022 2:28 PM
To: Paul Lindquist
Cc: Susan Petrofske; Jeanne Tarvin
Subject: RE: Clarification for Sanitary Sewer Utility Laterals and Flow Direction, Mirro Plt 9 (Former), BRRTS # 02-36-545108

Hi Paul,

I believe this is everything I needed, thanks for the clarifications.

Regards,

We are committed to service excellence.

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

Tauren R. Beggs

Phone: (920) 510-3472

Tauren.Beggs@wisconsin.gov (preferred contact method during work at home)

From: Paul Lindquist <PLINDQUIST@ramboll.com>
Sent: Monday, June 20, 2022 2:23 PM
To: Beggs, Tauren R - DNR <Tauren.Beggs@wisconsin.gov>
Cc: Susan Petrofske <SPETROFSKE@ramboll.com>; Jeanne Tarvin <jarvin@ramboll.com>
Subject: RE: Clarification for Sanitary Sewer Utility Laterals and Flow Direction, Mirro Plt 9 (Former), BRRTS # 02-36-545108

Good afternoon Tauren;

Ramboll cannot attest to the accuracy of the figure that you provided; however, we are not aware of former or existing sanitary sewer laterals originating from the former Mirro Plant No. 9 facility toward the sanitary main along South 15th Street. As discussed in the Additional Site Investigation Work Plan, Ramboll has proposed to televise the sanitary sewer main to verify the conditions and the construction of the sanitary sewer main pipe.

In addition, according to the map provided by the City of Manitowoc Public Works department (attached pdf titled "Mirro Bldg. - San. & Storm Sewer Map.pdf"), invert elevations and flow direction arrows indicate sanitary sewer flow from South 16th Street and South 15th Street north to Franklin Street. From Franklin Street, sanitary sewer flow is to the east. Sanitary sewer flow along Washington Street is east.

Please let us know if you have any further questions.

Thanks.

Paul Lindquist
Managing Consultant

D 262-901-3510
M 612-209-8676
plindquist@ramboll.com



Proudly celebrating
diversity #Pride2022



From: Beggs, Tauren R - DNR <Tauren.Beggs@wisconsin.gov>

Sent: Monday, June 20, 2022 10:46 AM

To: Paul Lindquist <PLINDQUIST@ramboll.com>; Susan Petrofske <SPETROFSKE@ramboll.com>

Subject: Clarification for Sanitary Sewer Utility Laterals and Flow Direction, Mirro Plt 9 (Former), BRRTS # 02-36-545108

Good morning Paul and Susan,

As part of my review of the Site Investigation Work Plan, I'm looking for a few clarifications regarding the sanitary sewer utilities. Attached is probably the best utility map that I have for the Mirro Plt 9 site.

It looks like there were lateral connections from the site out to sanitary sewer utilities in S. 16th Street, Washington Street, and Franklin Street. Were there also lateral connections from the site to the sanitary utility in S. 15th Street?

Then I was also trying to determine flow direction in the sanitary sewer:

- Does S. 16th Street flow north to Franklin Street then east on Franklin Street?
- Flow is to the east on Washington Street?
- Does flow on S. 15th Street go to the south towards Washington Street or north to Franklin Street? Then I assume the flow is then east along either Washington Street or Franklin Street?

Please let me know if I have this right.

Thanks,

We are committed to service excellence.

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

Tauren R. Beggs

Hydrogeologist & Northeast Region Land Recycling Expert

Remediation and Redevelopment Program

Wisconsin Department of Natural Resources

2984 Shawano Ave

Green Bay, WI 54313

Phone: (920) 510-3472

Tauren.Beggs@wisconsin.gov (preferred contact method during work at home)

dnr.wi.gov

LEGEND

Sanitary Manhole

- <all other values>
- Cleanout (100)
- Lift Station
- Manhole (100)
- Miscellaneous Cells

Sanitary Pipe

- <all other values>

STATUS

- ABANDONED
- ACTIVE
- INACTIVE
- REMOVED
- SEALED
- UNKNOWN

Sanitary Lateral

- <all other values>

Level

- Lateral
- Lateral Offset Distance
- Riser
- Cleanout (100)
- Inlet (round casting)
- Inactive Lateral
- Inactive Lat Offset Dist.
- Bulkhead (sealed, plug)
- Riser

Storm Pipe

- <all other values>

STATUS

- ABANDONED
- ACTIVE
- INACTIVE
- REMOVED
- SEALED
- UNKNOWN

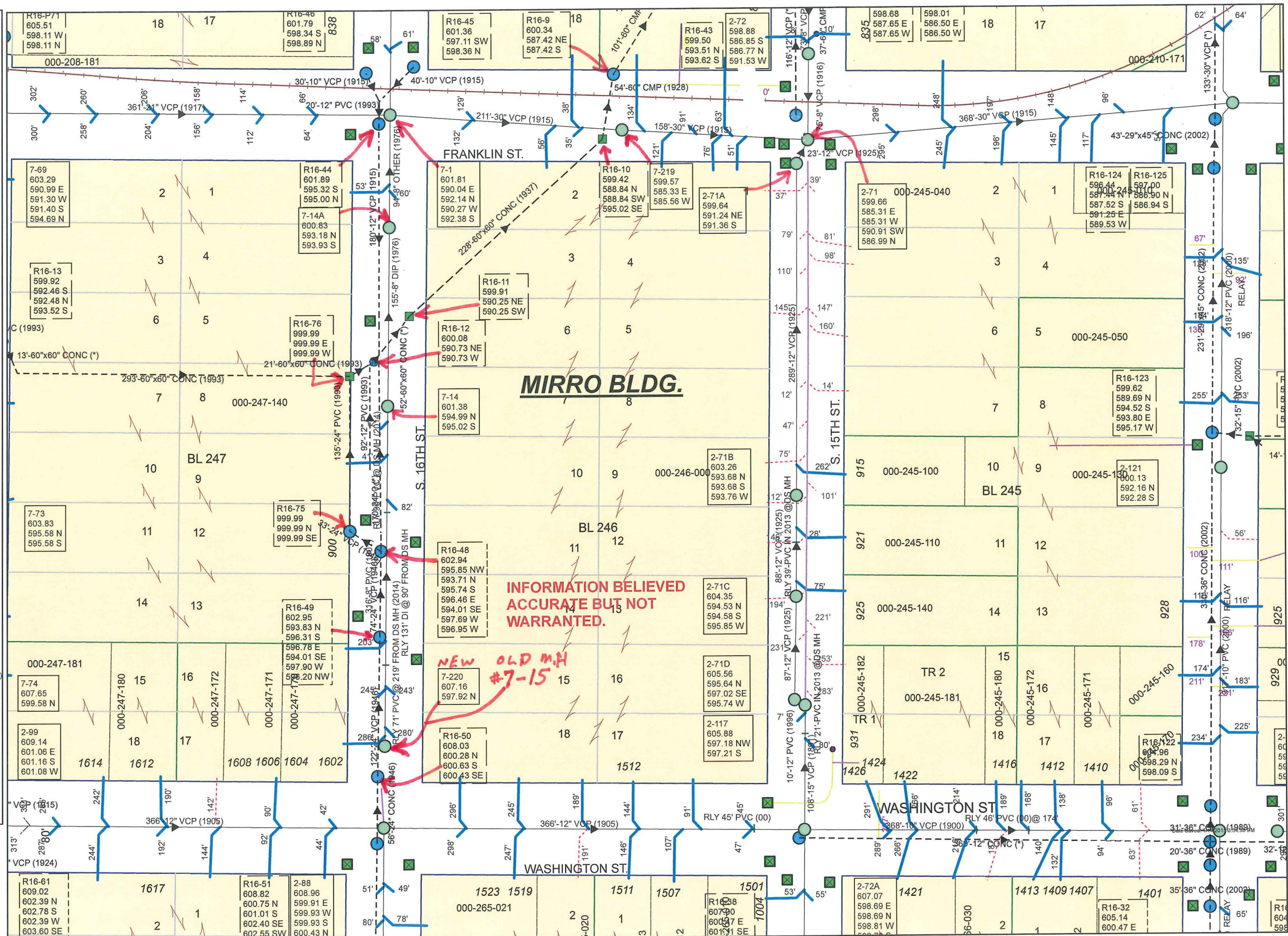
- CB Cell (100)
- CB_MH (100)
- Cleanout (100)
- Inlet, any style (100)
- Inlet/Manhole (100)
- Manhole, Standard (100)
- Miscellaneous Cells
- Open Grt/Beehive MH (100)
- Rem/Abandoned MH
- Storm Outfall
- Storm/Detention Ponds
- Storm Lateral Point

Storm Lateral

- <all other values>

Level Description

- Lat not hook-up to sewer
- Private Lateral
- ROW Lateral



**SAMPLING LOCATIONS
PHASE II ESA
MIRRO PLANT 9 (1512 WASHINGTON STREET)
MANITOWOC, WISCONSIN**

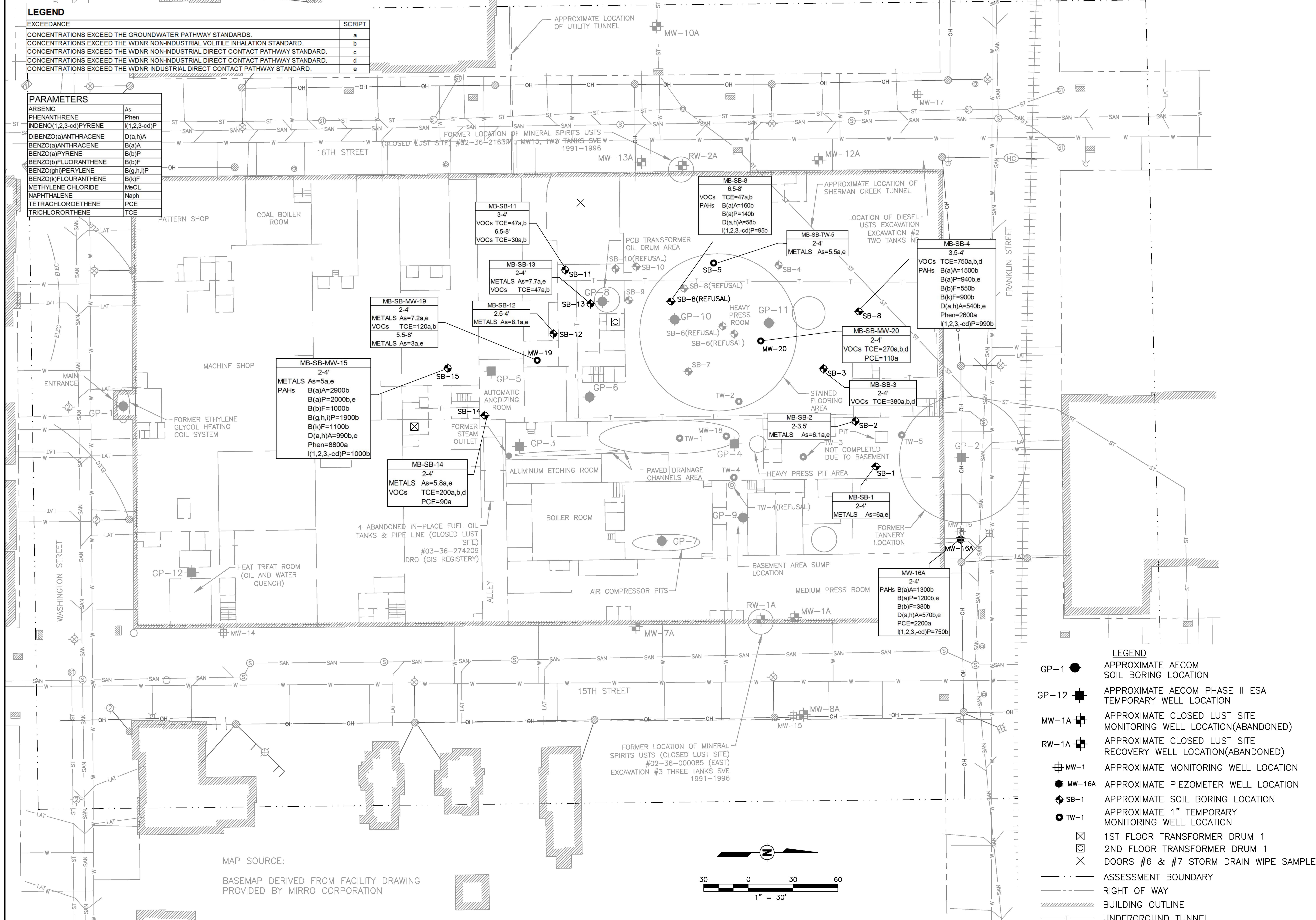
Issued

Rev	Date	Description

Designed:	AGM	9/13/2010
Drawn:	REO	9/13/2010
Checked:	AGM	9/13/2010
Approved:		

PROJECT NUMBER	200803466
SHEET REFERENCE NUMBER	

FIGURE 3



L:\work\Projects\60163491\000_CAD\01_Drawing\Sheets\Figure 3_Sample Locations.dwg, 3/24/2011 4:38:23 PM, BREUNIG, ADAM, STS:stb