

Technical Memorandum

To Erika Biemann, ATC
Greg Levesque, ATC

CC Mike Schmoller, WDNR

Subject Preliminary Summary of Environmental Laboratory Data
ATC Blount Transmission Substation, Madison Wisconsin

From Leo Linnemanstons, AECOM
Dave Henderson, AECOM

Date September 9, 2019

Page 1 of 6

This technical memorandum presents a preliminary summary of the laboratory results from environmental samples collected at the American Transmission Company (ATC) Blount Transmission (BLT) Substation located within the Madison Gas & Electric (MG&E) Blount Spot (BLS) Substation, 722 East Main Street, Madison Wisconsin.

Background Information

On the morning of July 19, 2019, ATC had a 138 kV transformer explode at the Madison Gas & Electric (MGE) Blount Substation in downtown Madison. The resulting explosion ruptured the transformer releasing a portion of the approximately 17,000 gallons of mineral oil that it contained. The explosion is believed to have also ignited the mineral oil causing a large fire.

The Madison Fire Department (MFD) first responders used an aqueous film forming foam (AFFF) fire suppressant agent, Fire Service Plus, Inc., FireAde brand, 3% AFFF Liquid Foam Concentrate for firefighting. Based on information from the manufacturer, the AFFF product contained at least one of the Per- and Polyfluoroalkyl Substances (PFAS).

A secondary fire was observed approximately 0.5 miles away at ATC's East Side Substation as one of the underground oil-filled electrical lines from the Blount Substation also had a minor fire. MFD extinguished the fire at East Campus Substation with dry chemical suppressant and mineral oil was contained within the containment structure.

After the first responders completed activities at the site, ATC mobilized its emergency response contractor, North Shore Environmental Construction, Inc. (NSEC), of Germantown Wisconsin. NSEC performed immediate cleanup of mineral oil and AFFF residuals that were observed in storm sewers and on the ground surface.

From historical information, the Blount Substation is also a closed Environmental Repair Program (ERP) site and is tracked in the WDNR's BRRTS as 02-13-001567 Madison Gas & Electric Manufactured Gas Plant (MGP) site.

As described in AECOM's Technical Memorandum entitled, *Preliminary Review of Initial PFAS Laboratory Data*, dated July 30, 2019, NSEC collected an initial set of water and soil samples for PFAS analyses. Those samples were shipped to Eurofins/TestAmerica Laboratory (Eurofins), Sacramento, CA under chain-of-custody (COC) control, and analysis was conducted following EPA Method 537 (Modified) isotope dilution. The results for those samples confirmed the presence of PFAS.

WDNR issued a responsible party letter to ATC on August 8, 2019 that required the submittal of a NR716 Site Investigation Work Plan to investigate the magnitude and extent of impacts from the release of mineral oil from the transformer and the subsequent release of PFAS from the AFFF used by the MFD. The WDNR letter required the Work Plan be submitted by August 23, 2019, but WDNR in subsequent email correspondence agreed that the Work Plan submittal may be delayed until the spill cleanup activities are completed and the laboratory reports from soil and water samples collected during the cleanup have been received.

Chronological Data Summary

A total of around 80 soil, water and oil samples were collected from the ATC Blount Substation and East Campus by NSEC, SCS, and AECOM between July 19th and August 8th, 2019. A sample inventory was created to present the samples collected and analysis performed and is presented in Table 1. Most samples were analyzed for DRO and PFAS. Exceptions to this are shown on Table 1. Data is sorted first by date then by matrix and sample time. Analytical results were tabulated and organized by matrix. Soil, water, and oil data are presented on Tables 1, 2, and 3, respectively. A total of 13 laboratory reports are associated with this data and a list is attached to this memorandum. The complete laboratory reports will be submitted separately as an attachment to the formal Spill Response and Immediate Cleanup Report to be completed later this month.

The sample IDs, sample location and reason for sampling are as follows:

1. Friday- 7/19/2019
 - a. Soil
 - i. **Breaker Soil:** 320-52453-1 and 500-167039-1
sample time 15:30 – soil obtained by NSEC from a “breaker” structure located northeast of the damaged transformer and within the firefighting area. The surface soil sample should also be representative of conditions immediately after firefighting activities.
 - b. Water
 - i. **Catch Basin Water:** 320-52453-1
sample time 14:00 – water obtained by NSEC from the eastern on-site storm sewer catch basin, inside the BLS substation fence/wall. This catch basin drains to the City of Madison storm sewer system at structure number IN 5247-050.
 - ii. **Surface Water:** 500-167039-1 and 320-52453-1
sample time 15:00 – ponded surface water obtained by NSEC from the gravel area northeast of the damaged transformer and within the firefighting area. This sample was obtained after fire-fighting activities were complete.
 - iii. **LW (Basin):** 500-167041-1, 320-52453-1, and 500-167039-1
sampled 14:30 and 16:20 – water sample obtained from the City of Madison's storm sewer system at the southwest corner of E. Washington Ave and Livingston St., structure number IN 5247-117. SCS first sampled this location at 14:30 (LW1), then NSEC and SCS both collected a split sample from the same location at 16:20

(LW Basin and LW2). These samples were obtained after fire-fighting activities were complete, while NSEC was conducting full-scale storm water system water recovery efforts (i.e. oil skimming and water recovery). Therefore, the water samples should be representative of the water present in the storm sewer system immediately after firefighting activities.

- iv. **Blount Street:** 320-52453-1, 500-167039-1, and 500-167041-1 sampled 17:00 – water sample split obtained by NSEC and SCS from the City of Madison’s storm sewer system approximately ½ block south of the intersection of E. Main Street and S. Blount Street, structure number IN 5248-009.
- c. Oil
 - i. **Catch Basin Oil:** 500-167039-1
sample time 13:45 – oil obtained by NSEC from the eastern on-site catch basin, inside the BLS substation fence/wall. This catch basin drains to the City of Madison storm sewer system.
 - ii. **Main & Blount:** 500-167039-1
Sample time 16:45 - oil obtained by NSEC from a catch basin near the corner of Main Street and S. Blount Street, structure number IN 5248-009.
- 2. Tuesday- 7/23/2019
 - a. Soil
 - i. **Stained Soil:** 500-167154
Sampled at 16:00 – a soil sample from near the burned transformer is collected by NSEC as directed by WDNR to be analyzed for DRO to determine if n-Nonane is a concern.
- 3. Wednesday- 7/24/2019
 - a. Soil
 - i. **SS-01 to SS-12:** 500-167225-1 and 500-167225-2
Sampled between 8:30 to 11:00 – soil samples were obtained by AECOM in the grass right of way (terrace) outside the southern wall of BLT substation along E. Main Street. Samples were collected every 25 feet moving west starting at the E. Main Street entrance to the substation. During fire suppression activities, some oil-water-foam mix seeped under the wall and onto the terrace. Impacted soil along the terrace was excavated by NSEC. AECOM collected these samples post excavation to evaluate residual impacts.
 - ii. **SS-13 to SS-16:** 500-167225-1 and 500-167225-2
Sampled between 11:45 and 12:20 – AECOM collected two samples from the north side and two from south side of the transformer. Several inches of the surface had been scraped once earlier by NSEC.
 - iii. **SS-17:** 500-167225-1 and 500-167225-2
Sample time 13:00 – one sample was collected by AECOM approximately 5 feet west of the east catch basin (also known as stormceptor).
 - b. Water
 - i. **North Power Pole:** 500-167225-1 and 500-167225-2
Sample time 6:40 – water sample was obtained by AECOM from a void where a power pole was located directly east of the

transformer. Two wooden power poles were charred in the fire. When NSEC removed remaining buried portions of the poles, the voids filled with a water and oil mixture. This water is representative of shallow groundwater conditions on site within a week of the incident.

ii. **South Power Pole:** failed attempt

No sample was collected from the south power pole void due to lack of water at the bottom of the pit. The south void had about two inches of product above a small amount of water. Depth to product was approximately 47 inches.

4. Thursday- 7/25/2019

a. Soil

i. **EC-1 and EC-2:** 500-167337-1

Sampled at 12:05 and 12:10– Two soil samples were collected by AECOM from the East Campus Substation to evaluate residual DRO impacts.

b. Water

i. **Storm Ceptor:** 320-52698-1

Sample time 8:30 – AECOM collected a water sample from the east catch basin within the substation. This sample was collected to evaluate progression of product recovery nearly a week after the incident. This catch basin drains to the City of Madison storm sewer system at structure number IN 5247-050.

ii. **River Outlet:** 320-52698-1

Sample time 9:25 – a sample was collected by AECOM from the storm sewer outlet (near AS 5543-084) near the intersection of E. Washington Ave. and the Yahara River Bike Path to evaluate potential PFAS impact at the Yahara River. The distance from the transformer to this outlet via storm sewer is approximately 1.02 miles.

iii. **Blount St. Outlet:** 320-52698-1

Sample time 9:40 – a sample was collected by AECOM from the S Blount Street storm sewer outlet (Near IN 5349-001) to evaluate potential PFAS impact at Lake Monona. The distance from the transformer to this outlet via storm sewer is approximately 0.33 miles.

iv. **Path Outlet:** 320-52698-1

Sample time 10:00 – a sample was collected by AECOM from the storm sewer outlet at the north end of Law Park to evaluate potential PFAS impact at Lake Monona. The distance from the transformer to this outlet via storm sewer is approximately 0.40 miles.

v. **LVN-6:** 320-52698-1

Sampled at 13:00 – a sample was collected by AECOM from a catch basin (Structure #IN 5247-115) at the corner of S Livingston Street and E. Washington Ave to evaluate potential PFAS impact between the Storm Ceptor and the Yahara River.

vi. **BNT-3, BNT-4, and BNT-8:** 320-52698-1

Sampled between 13:30 and 14:15 – three samples were collected by AECOM from catch basins along S. Blount St to evaluate potential PFAS impact between the substation and Lake Monona.

5. Friday- 7/26/2019

a. Soil

i. **SS-18 and SS-19:** 500-167417-1 and 500-167417-2

Sample times 8:40 and 8:55 – two samples were collected by AECOM along the inside of the east wall of the substation to the north and south of SS-17. These were collected to evaluate extent of products that may have reached the east wall.

ii. **SS-20 to SS-28:** 500-167417-1 and 500-167417-2

Sampled between 13:05 and 13:45 – nine samples were collected by AECOM along the inside southern wall of the substation. Oil and water from the incident migrated across the site east and south. Immediately after the incident NSEC scraped the surface material. These samples were collected to evaluate residual impacts at the south end the substation.

b. Oil

i. **West Wall Manhole:** 500-167410-1

1. Sample time 13:45 – an oil/water sample was collected by NSEC a week after the incident from outside the west wall of the substation. The manhole is for MG&E's storm sewer area drain and also accepts discharges from a French drain system under the west perimeter wall and also a sump system beneath the west control building.

6. Tuesday- 8/6/2019

a. Soil

i. **WC-2:** 500-167874-1

1. Sample time 11:30 – Soil sample collected by AECOM from trench excavation adjacent to transformer location just above the water table estimated at 4 ft below ground surface; represents soil to be removed during foundation excavation.

ii. **WC-4:** 500-167874-1

1. Sample time 12:30 - Soil sample collected by AECOM from rolloff box of stained surface scrapings from around the transformer and substation yard; represents soil that WDNR requested be removed as part of the spill cleanup.

b. Water

i. **WC-1:** 500-167874-1

1. Sample time 11:00 - Water sample collected by AECOM from trench excavation (below floating mineral oil layer and within apparent MGP impacts) adjacent to transformer location; represents water that may need to be treated during foundation construction.

ii. **WC-3:** 500-167874-1

1. Sample time 12:00- Water sample collected by AECOM from NSEC's FRAC tank (below floating mineral oil layer) containing water removed from storm sewers (equal parts from Livingston and Blount St catch basins); represents water that WDNR request be removed from sewers.

7. Thursday- 8/8/2019

a. Soil

i. **RES-SS-01, -08 and -12:** 500-168051-1

1. Three soil samples were collected by AECOM between 13:00 and 14:00. Based on the first round of samples collected from the terrace on 7/24/2019, additional excavation and soil removal was performed by NSEC. These three samples were collected to evaluate residual impacts.

Memo Attachments:

Table 1 – Sample Inventory

Table 2 – Soil Analytical

Table 3 – Water analytical

Table 4 – Oil Analytical

Figure 1 – Site Location

Figure 2 – Site Features

Figure 3 – Sample Locations – Madison City Region

Figure 4 – Sample Locations – ATC Blount SS

Attachment A – List of Eurofins/TestAmerica Laboratory Reports (reports submitted separately)



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1555 N. River Center Drive, Ste 214
Milwaukee, WI 53212

414.944.6080 tel
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TABLES



Table 1
Sample Inventory
ATC Blount SS-Environmental Emergency Spill Response
60611431; 722 E. Main Street Madison, WI 53703

| Sample ID | Location Notes | Sample Date | COC # | Sampled By | Matrix | Analysis Performed | | | | |
|-------------------|--|-------------|-----------------------|--------------|-----------|--------------------|-----|-----|---|---|
| | | | | | | PFAS | DRO | PCB | | |
| Breaker Soil | Center Inside SS | 7/19/2019 | 320-52453-1 | NSEC | Soil | x | | | | |
| | | | 500-167039-1 | | | | | | | x |
| Catch Basin Water | east side catch basin | | | 320-52453-1 | NSEC | Water | x | | | |
| Surface Water | on-site NE of trans. | | | 500-167039-1 | | | | | | x |
| LW1 | Structure #IN 5247-117 | | | 320-52453-1 | SCS | Water | x | | | |
| | | | | 500-167041-1 | | | | | | x |
| LW (Basin) | Structure # IN 5247-117 | | | 320-52453-1 | NSEC | Water | x | | | |
| | | | | 500-167039-1 | | | | | | x |
| LW2 | Structure #IN 5247-117 | | | 500-167041-1 | SCS Split | Water | x | | x | |
| | | | | 320-52453-1 | | | | | | |
| Blount Street | Structure # IN 5248-009 | | | 500-167039-1 | NSEC | Water | x | | | |
| | | | | 320-52453-1 | | | | | | x |
| Blount Street | | | 500-167041-1 | SCS Split | Water | x | | x | | |
| | | | 320-52453-1 | | | | | | | |
| Catch Basin Oil | east side catch basin | | 320-52453-1 | NSEC | Oil | Cancelled | | | | |
| | | | 500-167039-1 | | | | | | | x |
| Main & Blount | | | 500-167039-1 | NSEC | Oil | | | x | | |
| Stained Soil | | 7/23/2019 | 500-167154-1 | NSEC | Soil | | x | | | |
| SS-01 | Outside SS Terrace | 7/24/2019 | 500-167225-1 (DRO) | AECOM | Soil | x | x | | | |
| SS-02 | | | | | | x | x | | | |
| SS-03 | | | | | | x | x | | | |
| SS-04 | | | | | | x | x | | | |
| SS-05 | | | | | | x | x | | | |
| SS-06 | | | | | | x | x | | | |
| SS-07 | | | | | | x | x | | | |
| SS-08 | | | | | | x | x | | | |
| SS-09 | | | | | | x | x | | | |
| SS-10 | | | | | | x | x | | | |
| SS-11 | | | | | | x | x | | | |
| SS-12 | | | | | | x | x | | | |
| SS-13 | Gravel around transformer | | | | | x | x | | | |
| SS-14 | | | | | | x | x | | | |
| SS-15 | | | | | | x | x | | | |
| SS-16 | | | | | | x | x | | | |
| SS-17 | | | | | | x | x | | | |
| North Power Pole | 5ft from Storm Ceptor on-site E of trans. | | | | Water | x | | | | |
| EC-1 | East Campus | 7/25/2019 | 500-167337-1 | AECOM | Soil | | x | | | |
| EC-2 | | | | | | | | x | | |
| Storm Ceptor | east side catch basin | | 320-52698-1 | AECOM | Water | x | | | | |
| River Outlet | Yahara River outlet | | | | | | | x | | |
| Blount St Outlet | Monona Blount outlet | | | | | | | x | | |
| Path Outlet | Monona Blount outlet | | | | | | | x | | |
| LVN-6 | Structure #IN 5247-115 | | | | | | | x | | |
| BNT-3 | Square grate - main & blount | | | | | | | x | | |
| BNT-4 | Structure #IN 5248-028 | | | | | | | x | | |
| BNT-8 | Structure #IN 5248-009 | | | | | | | x | | |
| SS-18 | East wall inside SS | 7/26/2019 | 500-167417-1 (DRO) | AECOM | Soil | x | x | | | |
| SS-19 | | | | | | x | x | | | |
| SS-20 | | | | | | Adjacent to SS-12 | x | x | | |
| SS-21 | | | | | | Adjacent to SS-11 | x | x | | |
| SS-22 | | | | | | Adjacent to SS-10 | x | x | | |
| SS-23 | | | | | | Adjacent to SS-09 | x | x | | |
| SS-24 | | | | | | Adjacent to SS-08 | x | x | | |
| SS-25 | | | | | | Adjacent to SS-07 | x | x | | |
| SS-26 | | | | | | Adjacent to SS-06 | x | x | | |
| SS-27 | | | | | | Adjacent to SS-05 | x | x | | |
| SS-28 | Adjacent to SS-04 | x | x | | | | | | | |
| West Wall Manhole | Outside SS | | 500-167410-1 | NSEC | Oil | | | x | | |
| WC-1 | Sump | 8/6/2019 | 500-167874-1 | AECOM | Water | See Notes | | | | |
| WC-2 | NE Corner Excavation | | | | Soil | | | | | |
| WC-3 | Frac Tank SW | | | | Water | | | | | |
| WC-4 | Roll Off (Cap Barrier) | | | | Soil | | | | | |
| RES-SS-01 | Outside SS Terrace | 8/8/2019 | 500-168051-1 | AECOM | Soil | x | x | | | |
| RES-SS-08 | | | | | Soil | x | x | | | |
| RES-SS-12 | | | | | Soil | x | x | | | |



Table 1
Sample Inventory
ATC Blount SS-Environmental Emergency Spill Response
60611431; 722 E. Main Street Madison, WI 53703

Notes:

WC-1 was analyzed for VOC, SVOC, O&G HEM, RCRA Metals, pH, Flash Point, mercury, cyanide, phenol, sulfate

WC-2 was analyzed for VOC, SVOC, DRO, PFAS, RCRA Metals, pesticides, herbicides, PCBs, pH, Flash Point, mercury, cyanide, phenol, paint filter, reactive sulfide

WC-3 was analyzed for VOC, SVOC, DRO O&G HEM, RCRA Metals, pH, flash point

WC-4 was analyzed for VOC, SVOC, RCRA Metals, pH, flash point, mercury, cyanide, phenol, paint filter, reactive sulfide

NS = not sampled

x = submitted to laboratory for analysis

WC = Waste Characterization

SS = Blount Substation

NSEC = North Shore Environmental Construction, Inc.

SCS = SCS Engineers

PFAS = per- and polyfluoroalkyl substances

DRO = diesel range organics

PCB = polychlorinated biphenyl

RES = Resampled

TABLE 3
LABORATORY ANALYTICAL WATER SAMPLING RESULTS
ATC Blount SS-Environmental Emergency Spill Response
60611431; 722 E. Main Street Madison, WI 53703

Table with 20 columns (Parameters, NR 140 Standards, Catch Basin, Surface Water, Blount Street / Blount, LW (Basin) / LW2, LW1, North Power Pole, Storm Ceptor, River Outlet, Blount St Outlet, Blount St Outlet FD, Path Outlet, LVN-6, BNT-3, BNT-4, BNT-8) and 35 rows of chemical parameters and PFAS concentrations.

Notes:
DRO = Diesel Range Organics
PAHs = Polynuclear Aromatic Hydrocarbons
PFAS = Per- and polyfluoroalkyl substances
J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B = Compound was found in the blank and sample.
I = Value is EMPC (estimated maximum possible concentration).
CL = The peak identified by the data system exhibited chromatographic interference that could not be resolved. There is reason to suspect there may be a high bias.
Bold value = NR 140 Enforcement Standard Exceedance
Italic value = NR 140 Preventive Action Limit Exceedance
-- No NR 140 ES or PAL established.
NA = Not analyzed
*Spreadsheet updated with NR 140 Published February 2017 No. 734



Table 4
Oil Sample Laboratory Analytical Results
ATC Blount SS-Environmental Emergency Spill Response
60611431; 722 E. Main Street Madison, WI 53703

| Parameters | Generic RCLs | | | Catch Basin Oil | Main & Blount | West Wall MH |
|----------------|----------------|------------|---------------------|--------------------|--------------------|--------------|
| | Non-Industrial | Industrial | Groundwater Pathway | 7/19/2019 | 7/19/2019 | 7/26/2019 |
| Metals (mg/kg) | | | | | | |
| Silicon | -- | -- | -- | 24 | <8.1 | NA |
| PCBs (mgkg) | | | | | | |
| Aroclor 1016 | 4,110 | 28,000 | 9.4 ⁴ | <0.25 [*] | <0.25 [*] | <0.25 |
| Aroclor 1221 | 213 | 883 | 9.4 ⁴ | <0.25 | <0.25 | <0.25 |
| Aroclor 1232 | 190 | 792 | 9.4 ⁴ | <0.25 | <0.25 | <0.25 |
| Aroclor 1242 | 235 | 972 | 9.4 ⁴ | <0.25 | <0.25 | <0.25 |
| Aroclor 1248 | 236 | 975 | 9.4 ⁴ | <0.25 | <0.25 | <0.25 |
| Aroclor 1254 | 239 | 988 | 9.4 ⁴ | <0.25 | <0.25 | <0.25 |
| Aroclor 1260 | 243 | 1,000 | 9.4 ⁴ | <0.25 | <0.25 | <0.25 |
| PCB, Total | 234 | 967 | 9.4 | -- | -- | -- |

Notes:

PCBs = PolyChlorinated Biphenyls

NA = Not analyzed

mg/kg = miligrams per kilogram

^J Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

^B Compound was found in the blank and sample

^{*} Isotope dilution and/or LCS/LCSD is outside acceptance limits

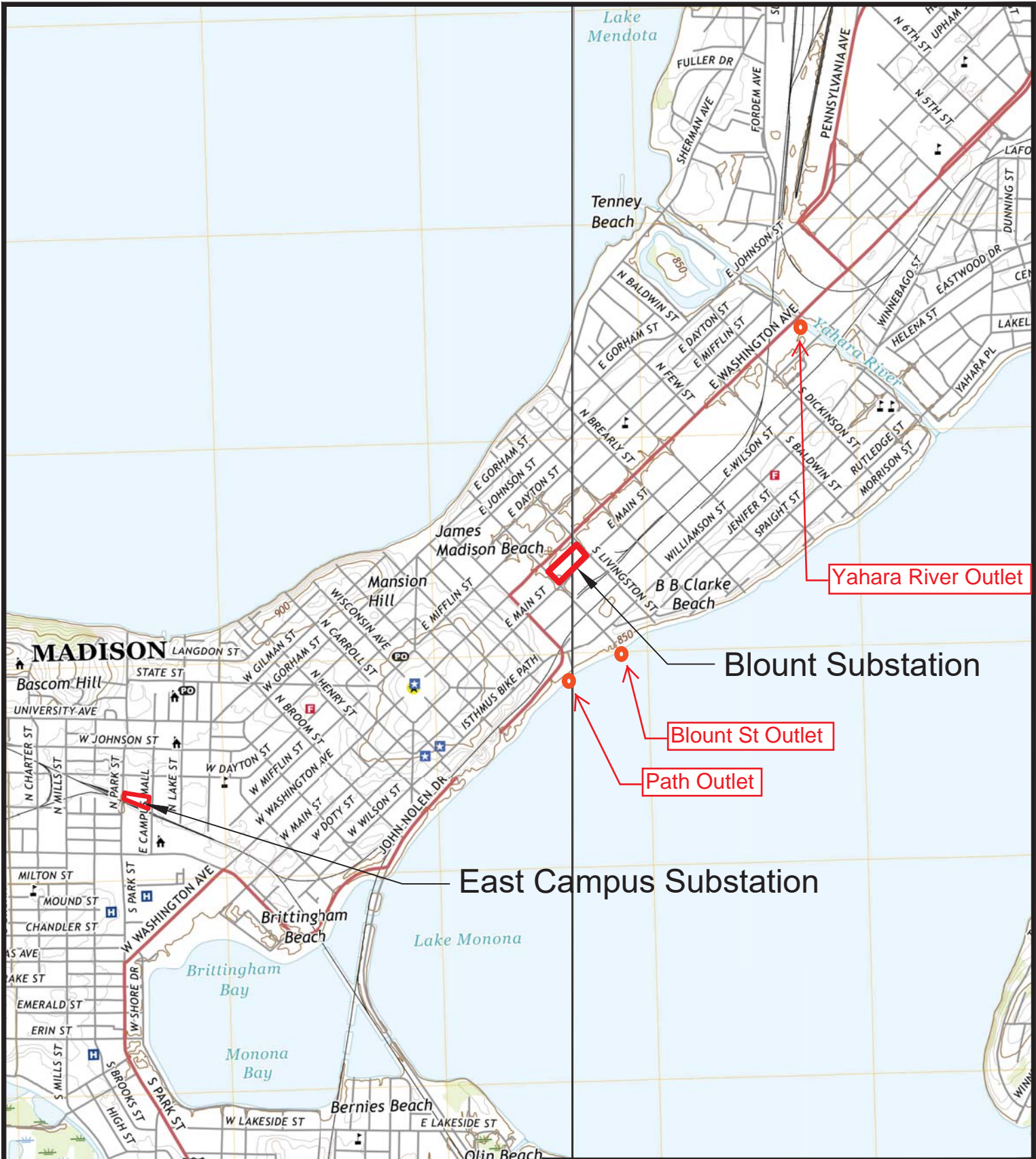
^{F1} MS and/or MSD Recovery is outside acceptance limits

⁴ Standards are for Total PCBs.

-- No Generic RCL established.

Generic RCLs from WDNR RR-890, January 2014; WDNR RCL Calculator December 2017

FIGURES



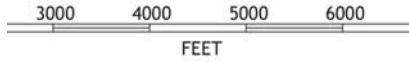
Yahara River Outlet

Blount Substation

Blount St Outlet

Path Outlet

East Campus Substation



QUADRANGLE LOCATION

AECOM
 Milwaukee Office
 1555 RiverCenter Dr
 Milwaukee, WI
 414.944.6080

ATC Blount Transmission Substation
 722 East Main St.
 Madison, WI




SITE LOCATION



| | | | |
|-----------------------------|----------------------|--------------------|--------------|
| Project Number: 60611431 | Drawn By: EMS/JSW | Date: 8/30/2019 | Figure No. 1 |
|-----------------------------|----------------------|--------------------|--------------|

Notes:
 1. TOPO maps from <http://store.usgs.gov> Madison East and West quadrangles, dated: 2018

LEGEND

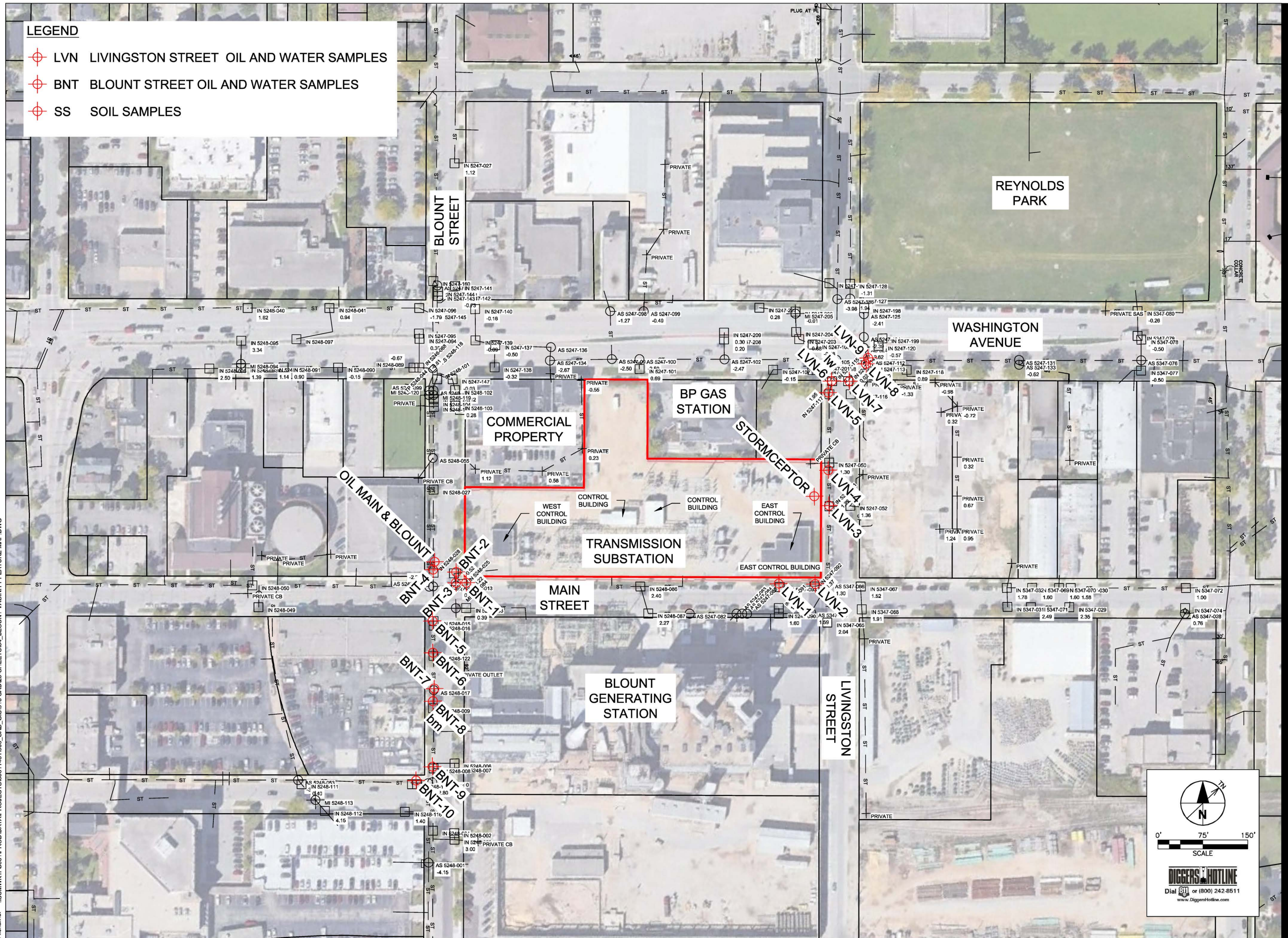
-  LVN LIVINGSTON STREET OIL AND WATER SAMPLES
-  BNT BLOUNT STREET OIL AND WATER SAMPLES
-  SS SOIL SAMPLES

PROJECT
 ATC BLOUNT
 SUBSTATION
 RESPONSE AND
 CLEANUP
 MADISON, WISCONSIN

CLIENT
 AMERICAN
 TRANSMISSION CO.

2 FEN OAK CT.
 MADISON, WI 53718
 (866) 899-3204 tel
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CONSULTANT
 AECOM
 1555 N RIVERCENTER DR.
 MILWAUKEE, WI 53212
 (414) 944-6080 tel
 www.aecom.com



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KEY PLAN

PROJECT NUMBER

60611431

DRAWING TITLE

BLOUNT VICINITY
FEATURE MAP

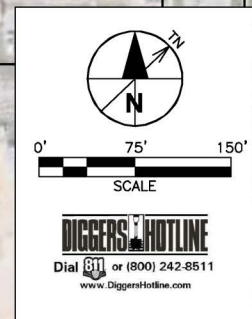
DRAWING NUMBER

02-CE-03

SHEET NUMBER

04

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 Plot File Date Created: 4:17 PM
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LEGEND

⊕ SS SOIL SAMPLES

PROJECT
 ATC BLOUNT
 SUBSTATION
 RESPONSE AND
 CLEANUP
 MADISON, WISCONSIN

CLIENT
 AMERICAN
 TRANSMISSION CO.

2 FEN OAK CT.
 MADISON, WI 53718
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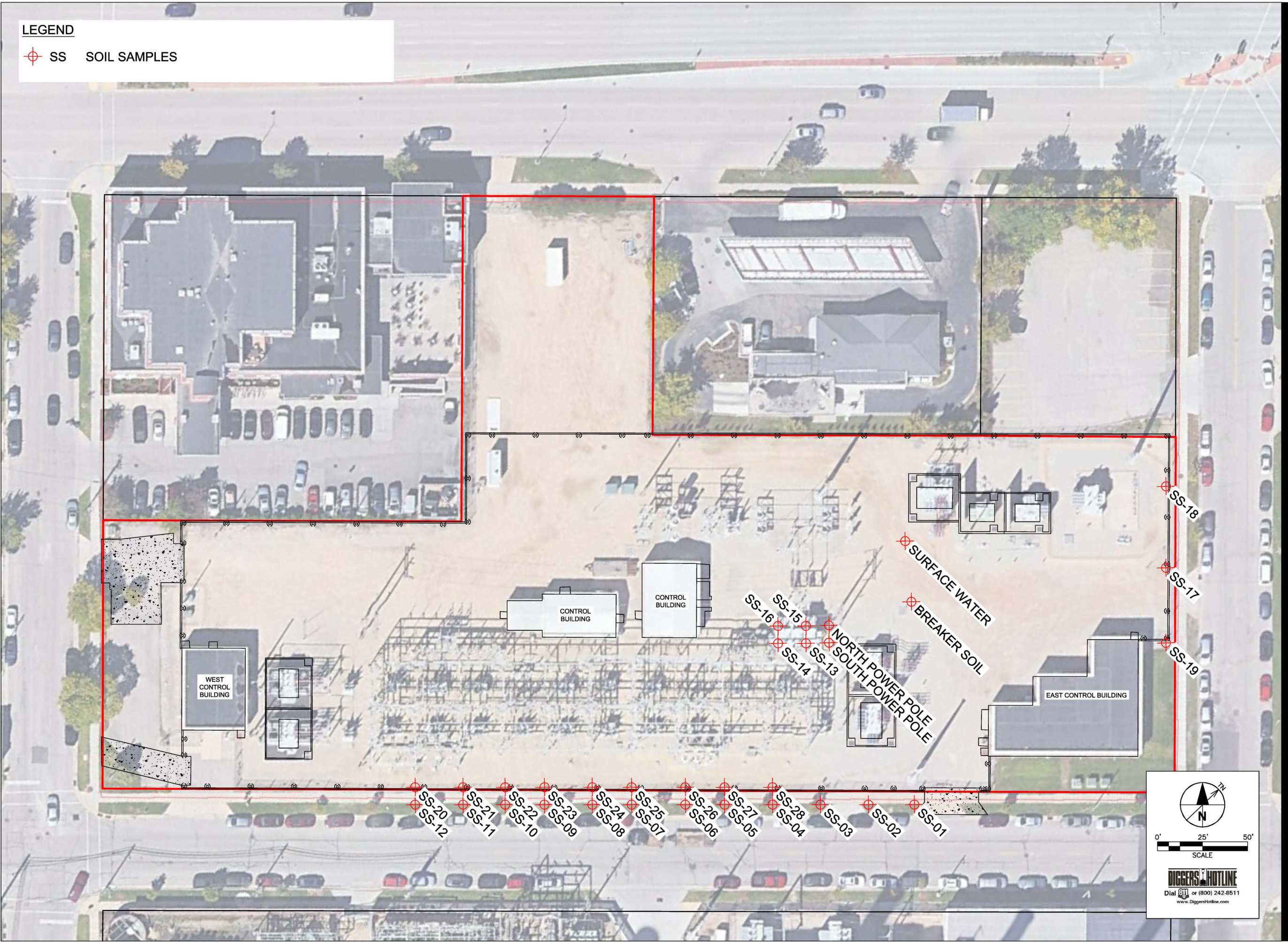
KEY PLAN

PROJECT NUMBER
 60611431

DRAWING TITLE
 BLOUNT SOIL
 CONTAMINATION MAP

DRAWING NUMBER SHEET NUMBER
 02-CS-01 06

Plotted By: brandt
 Plot File Date Created: 4:19 PM
 Filename: \\USMHWK1FS001\PRODDATA\PROJECTS\60611431\BLOUNT CAD_CIS\910 CAD\20-SHEETS\08_BLOUNT SOIL CONTAMINATION MAP.DWG



North arrow pointing up.

Scale bar: 0' to 50'.

DIGGERS HOTLINE
 Dial 811 or (800) 242-8511
 www.DiggersHotline.com

LEGEND

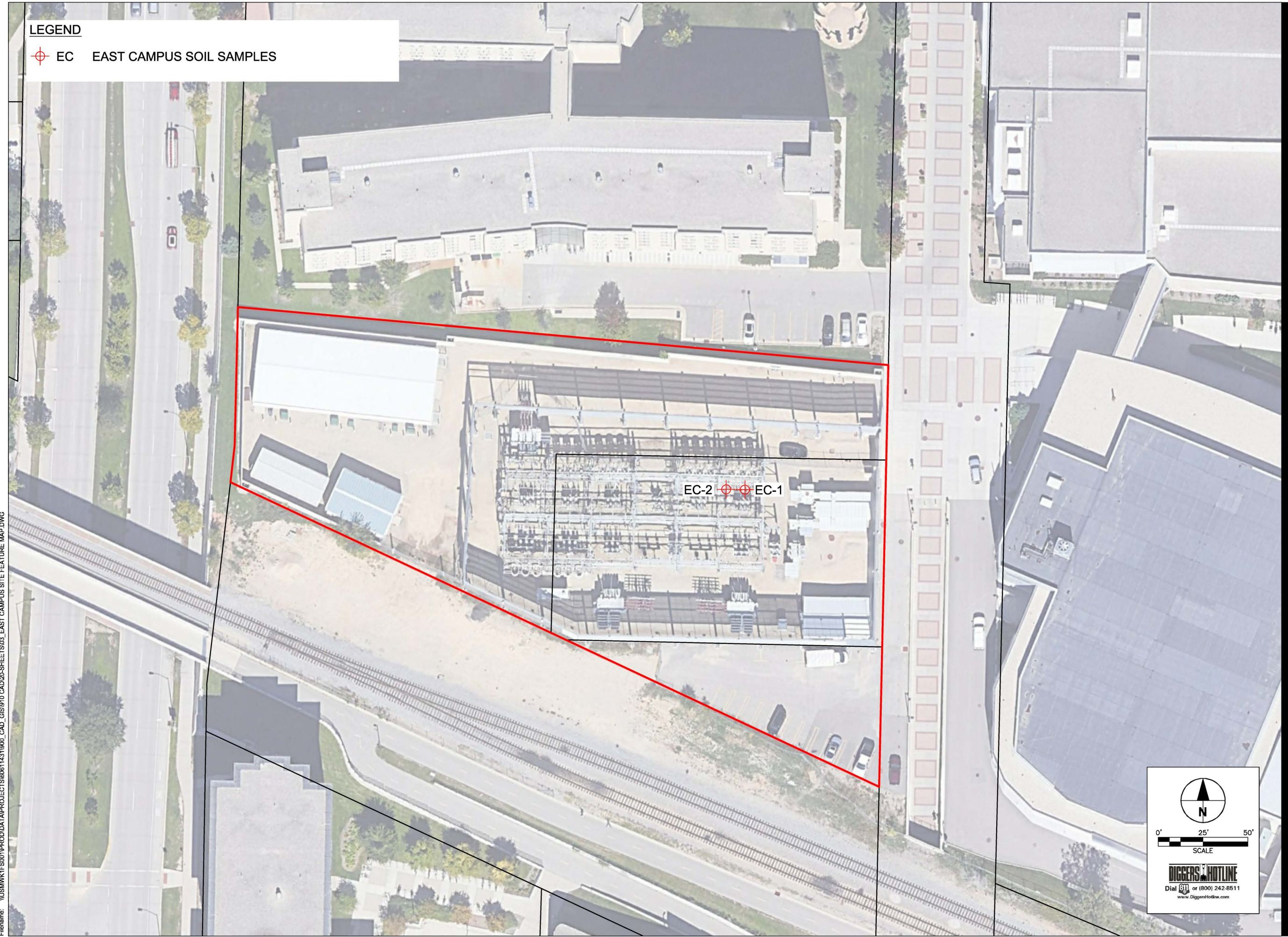
⊕ EC EAST CAMPUS SOIL SAMPLES



PROJECT
 ATC BLOUNT
 SUBSTATION
 RESPONSE AND
 CLEANUP
 MADISON, WISCONSIN

CLIENT
 AMERICAN
 TRANSMISSION CO.
 2 FEN OAK CT.
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KEY PLAN

PROJECT NUMBER
 60611431

DRAWING TITLE
 EAST CAMPUS SITE
 FEATURE MAP

DRAWING NUMBER SHEET NUMBER
 02-CE-02 03

Plotted By: brandt
 Plot File Date Created: 4:15 PM
 Sep/06/2019
 Filename: \\USM\WK1\F5001\PRODDATA\PROJECTS\60611431\900_CAD_CIS\910_CAD\20-SHEETS\03_EAST CAMPUS SITE FEATURE MAP.DWG

ATTACHMENTS

| <u>Lab Report#</u> | <u>Collection Date</u> |
|--------------------|------------------------|
| 320-52453-1 | 7/19/2019 |
| 500-167039-1 | 7/19/2019 |
| 500-167041-1 | 7/19/2019 |
| 500-167154-1 | 7/23/2019 |
| 500-167225-1 | 7/24/2019 |
| 500-167225-2 | 7/24/2019 |
| 500-167337-1 | 7/25/2019 |
| 320-52698-1 | 7/25/2019 |
| 500-167417-1 | 7/26/2019 |
| 500-167417-2 | 7/26/2019 |
| 500-167410-1 | 7/26/2019 |
| 500-167874-1 | 8/6/2019 |
| 500-168051-1 | 8/8/2019 |