

Attachment D GLWA Site Locations (Equipment)

A. WASTEWATER TREATMENT PLANT

1) Wastewater Treatment Plant

9300 W. Jefferson Plant
Detroit, MI. 48209

- a) Specific Location – Electrical Bldg. #1
No. of Cells – 72
Battery Mfr. – Powersave DDm, Enersys; WWW.energy.sys
Model/Type – 50-09
Rated Capacity – 200 Amp Hr. (normal) @ 8 Hr. Rate
Part Number – 821750, CNK Part No. 802532
Application – Switchgear Control

- b) Specific Location – Electrical Bldg. #2, Basement
No. of Cells – 72
Battery Mfr. – Powersave DDm, Enersys; WWW.energy.sys
Model/Type – 50-09
Rated Capacity – 200 Amp Hr. (normal) @ 8 Hr. Rate
Part Number – 821750, CNK Part No. 802532
Application – Switchgear Control

- c) Specific Location – EB-2 Main Switchgear area by New Substation
No. of Cells – 60
Battery Mfr. – Power Battery Company Inc
Model/Type – (VRLA)/CG-12105/ Valve Regulated Lead Acid
Run Time; 90 Min. @ 24 KVA
Rated Sp. Gravity @ 77°– n/a
Application – Used on Myers, CPI Illuminator Series C III UPS for
Emergency Lighting System for Pipe Gallery at WWTP

- d) Specific Location – Electrical Bldg. #3
No. of Cells – 72
Battery Mfr. – Powersave DDm, Enersys; WWW.energy.sys
Model/Type – 50-09
Rated Capacity – 200 Amp Hr. (normal) @ 8 Hr. Rate
Part Number – 821750, CNK Part No. 802532
Application – Switchgear Control

- e) Specific Location – Electrical Bldg. #10
 No. of Cells – 72
 Battery Mfr. – Powersave DDM, Enersys; WWW.energy.sys
 Model/Type – 50-09
 Rated Capacity – 200 Amp Hr. (normal) @ 8 Hr. Rate
 Part Number – 821750, CNK Part No. 802532
 Application – Switchgear Control
- f) Specific Location – Telephone Room/New Admin. Bldg. Basement,
 RmB1-1
 No. of Cells – 24
 Battery Mfr. – C&D Technologies, 80-15P Valve Regulated Lead Acid
 Battery; WWW.cdtechno.com; 1-800-543-8630, 215-609-2700
 Model/Type – ms endure II
 Rated Capacity – 840Amp. Hr. @ 8 Hr. Rate, 1.75VPC
 Rated Sp. Gravity @ 77°– 1.24
 Application – Telephone Communication
- h) Specific Location – Administration Bldg., Basement
 No. of Cells – 23
 Battery Mfr. – Exide
 Model – 3 ETA-5 (18 Cells), 3 CA-9 (3 Cells), 2 ETA-5 (2 Cells)
 Rated Capacity – 180 Amp. Hr. (18 Cells), 200 Amp. Hr. (3 Cells) and
 180 Amp., Hr. (2 Cells)
 Rated Sp. Gravity – 1.200 to 1.220 @ 77° for Model #3 ETA-5 and #2
 ETA-5; 1.205 to 1.220 @ 77°F for Model #3 CA-9
 Application – For Telephone Communication Specific
- i) Specific Location – PS-2 Basement
 No. of Cells – 20
 Battery Mfr. – Johnson Control
 Model – 3CQC-11/Lead Calcium
 Rated Capacity – 100 Amp. Hr.
 Rated Sp. Gravity 1.215 @ 77°
 Application – Switchgear Control
- j) Specific Location – PS-2 VFD Room (2nd Fl.)
 No. of Cells – 6
 Battery Mfr. – C & D Technologies
 Model/Type – UPS12-475FR/37BPO30XJ1BNL/Sealed Lead Acid
 Rated Capacity – 104 minutes @ full load
 Rated Sp. Gravity @ 77° – 1.3
 Application – UPS for Control System

- j) Specific Location – PS-2 VFD Room (2nd Fl.)
No. of Cells – 6
Battery Mfr. – C & D Technologies
Model/Type – UPS12-475FR/37BPO30XJ1BNL/Sealed Lead Acid
Rated Capacity – 104 minutes @ full load
Rated Sp. Gravity @ 77° – 1.3
Application – UPS for Control System
- k) Specific Location – Chlorination
Battery Mfr. – Best Power
Model/Type – FE 5.3kva
AC Volt Input: 120/208/*240*
Amps Input - 38/22/10/
Input pf. – 0.95
AC Volt Output - *120*/208/240
Amps Output: 44/26/22
Output pf. – 0.70
5.3kva/3.7 kW
DC Input - 48v, 96A
TVSS Rating - 0.400 kv
Application – UPS
- l) Specific Location – De-Chlorination
Battery Mfr. – Best Power
Model/Type – FE 5.3kva
AC Volt Input: 120/208/*240*
Amps Input - 38/22/10/
Input pf. – 0.95
AC Volt Output - *120*/208/24
Amps Output: 44/26/22
Output pf. – 0.70
5.3kva/3.7 kW
DC Input - 48v, 96A
TVSS Rating - 0.400 kV
Application – UPS

- m) Specific Location- Complex A Sludge Thickening Facility
 No. of Cells – 20
 Battery Type SL-12105
 Run Time; 90 Min. @ 8000 Watts; 240 VDC
 Application – Used on Myers Power
 Products Model No. 4C7S –BB 6001, Serial No. 65909 L1-1, Output 8000
 Watts Emergency Lighting System

- n) Specific Location- Complex B Sludge Thickening Facility
 No. of Cells – 20
 Battery Type SL-12105
 Run Time; 90 Min. @ 8 Watts; 240 VDC
 Application – Used on Myers, Myers Power
 Products Model No. 4C7S –BB 5001, Serial No. 65909 L1-2, Output 8000
 Watts Emergency Lighting System

- o) Specific Location- Scum Concentrator Facility
 No. of Cells – 20
 Battery Type SL-12105
 Run Time; 90 Min. @ 8000 Watts; 240 VDC
 Application – Used on Myers Power
 Products Model No. 7E7S BA2014-BA3002-T-M-S-N-E-42K AIC, Serial
 No. 67329 L1-1, Output 8000 Watts
 Application - Emergency Lighting System

B. Conner Creek CSO Basin

Conner Creek CSO Basin, Battery Room
 Lead Acid , No. of 4 cells, SG:1.24 g/L
 12V c10 50 Ah to 1.8 VPc
 12 V c8 50 Ah to 1.75 VPc
 Model: VARTA Vb12143
 Manufacturer: Enersys. Enersys.com
 Application: Switchgear Control

C. Oakwood CSO Basin

1.) Specific Location: Oakwood CSO Basin

No. of Cells – 72

Battery Mfr. – Powersave DDm, Enersys; WWW.energy.sys

Model/Type – 50-09

Rated Capacity – 200 Amp Hr. (normal) @ 8 Hr. Rate

Part Number – 821750, CNK Part No. 802532

Application – Switchgear Control

2.) Specific Location- Oakwood CSO Basin

No. of Cells – 202

Battery Mfr. – Hoppecki

Model/Type – FNC 222C/ KL222P

Run Time; XX Min. @ 24 KVA

Nom. 1.2 V/44.4 A

Application – Used on Myers, 2-D-7-N-C4001-5-Z UPS for
Emergency Lighting System