Group 1	Group 3	Group 4	Group 5	Group 6	Group 7	Group 8	Group 9
Highway & Bridge Maint Division	Port Everglades BCPEA	Facilities Management Division	Transportation Division	Aviation Department	Traffic Engineering Division	Solid Waste & Recycling Services	Office of Communication

BROWARD COUNTY FLORIDA

DAILY SERVICE REPORT

ITEM #: 160

VENDOR: Megawattage LLC

PURCHASE ORDER #: DO 128 WRSB 070113-43

LOCATION: Solid Waste + Recycling

WORK ORDER #: DO 128 WRSB 070113-43

DATE OF SERVICE: 7-10-13

ADDRESS: 7101 SW 205 Ave

PM: ☒

CITY: Pembroke Pines

SERVICE CALL: ☐

DESCRIPTION OF JOB: PM of Generator

MODEL #: Kohler 200R022171

SERIAL #: 252242

QTY	PARTS USED DESCRIPTION (MANDATORY VENDOR BACKUP NEEDED)	PRICE	AMOUNT
	Broken Block Heater	Hertz 60	
	Room Dusty + Engine Wipe Down	AC Volts 282	
	No Log Book of Maintinance	DC Volts 27	
	Oil PSI suspect 25 psi -	CCA 2800	
	Main File Tank at 1/4 Full of 500gal		
		Water Temp 160F	
	Hours 991	Oil PSI 25 psi	
		File 1/4 Full	
		125gal of 500gal	

LIST SUB-CONTRACTOS USED (MANDATORY VENDOR BACKUP NEEDED)

SERVICE PERSON, SUB-CONTRACTOR NAMES	TIME IN	TIME OUT	TOTAL REG	TOTAL OT
Bill	9:15 Am	10:10 Am	1 hour	
TOTAL				

WORK PERFORMED:

Pm of Generator

CONTRACTOR SIGNATURE Wm Cintron

PERSONNEL SIGNATURE S. O'Brien

INFORMATION BELOW TO BE COMPLETED BY AUTHORIZED DEPT PERSONNEL

JOB COMPLETE? ☒ YES ☐ NO

IF NO, STATUS:

IF YES, SIGN "FINAL ACCEPTANCE" *AUTHORIZED DEPT PERSONNEL SIGNATURE S. O'Brien

"I HAVE THE AUTHORITY TO ORDER WORK OUTLINED ABOVE WHICH HAS BEEN SATISFACTORILY COMPLETED AND AGREE TO PAY ALL PARTS AND HOUS AS INDICATED ON THIS SERVICE REPORT

PREVIOUS CONTRACT NO. E-X-07-333-M2 BID NO. L1098105B1

Attachment "A-1"

GENERATOR PREVENTIVE MAINTENANCE INSPECTION CHECKLIST

DATE: 7-10-13
TECHNICIAN Bill
LOCATION Solid Waste + Recycle #160 7101 SW 205 Ave

MANUFACTURER: Kohler
SERIAL NO. 252242
MODEL NO. 200RO2271

	DESCRIPTION	Satis-factory	UnSatis-factory	NA	RECOMMENDATIONS
Lubricating System					
1	Check lube oil level.	☑	☐	☐	
2	Check condition of lube oil hoses and connections	☑	☐	☐	
3	Check and add grease where applicable	☑	☐	☐	
4	Check for oil leaks	☑	☐	☐	
5	Obtain and perform lube analysis (minimum twice a year) **Date Completed** _____	☐	☐	☒	
Fuel System					
6	Check governor drive oil level	☑	☐	☐	
7	Check governor and controls	☑	☐	☐	
8	Drain water from fuel filter/separator	☑	☐	☐	
9	Check condition of fuel filter - Primary and Secondary	☑	☐	☐	
10	Check/set fuel linkage and throttle	☑	☐	☐	
11	Check prelude pump	☑	☐	☐	
12	Check condition of fuel hoses and connections	☑	☐	☐	
13	Check fuel pressure	☑	☐	☐	
14	Change element if necessary	☑	☐	☐	
15	Visually inspect fill and vent areas for defective equipment and possible H20 entry points	☑	☐	☐	
16	Visually inspect surrounding areas for ground contamination	☑	☐	☐	
17	Inspect and record fuel levels **LEVEL** 125 gal est	☑	☐	☐	
18	Extract fuel sample from tank bottom to top ensuring all fuel levels are represented. Test storage tank for water with fuel stick.	☐	☐	☐	
19	Seal sample with air tight cap	☐	☐	☐	
20	Test sample for any and all contaminants	☐	☐	☐	
21	List and record all contaminants and possible causes in report	☐	☐	☐	

22	Provide written report and representative samples within 24 hours of completion	☐	☐	☒	
Cooling System					
23	Pressure test performed annually Date Completed _____	☐	☐	☒	
24	Check coolant level - add if low Amount Added _____	☑	☐	☐	
25	Inspect/set jacked water heater	☑	☐	☐	
26	Check water filter and DCA level	☑	☐	☐	
27	Check for leakage	☑	☐	☐	
28	Check condition of water hose Good ✓ Bad _____ Replaced? _____	☑	☐	☐	
29	Check thermostats	☑	☐	☐	
30	Check all belts and make adjustments where necessary	☑	☐	☐	
31	Check remote pumps and motors	☑	☐	☐	
32	Added Inhibitor? Yes ___ No ___ Amount Added _____	☐	☐	☒	
33	Check coolant PH-antifreeze Amount Added _____	☑	☐	☐	
34	Check heat exchanger	☑	☐	☐	
32	Check fan and radiator for physical damage, obstruction and leaks	☑	☐	☐	
Air System					
33	Check air filter	☑	☐	☐	
34	Check air filter service indicator	☐	☐	☒	
35	Check air compressor	☐	☐	☒	
36	Check air hoses and connections	☐	☐	☒	
37	Check turbo charger for noise while running	☑	☐	☐	
Exhaust System					
38	Check exhaust manifold	☑	☐	☐	
39	Check valves and valve rotators	☑	☐	☐	
40	Check drain muffler	☐	☐	☑	
41	Check louvers and dampers	☑	☐	☐	
Electrical System					
42	Test battery; clean terminals	☑	☐	☐	
43	Check visual and audible alarms	☑	☐	☐	

44	Check/adjust switchboard relays	☑	☐	☐	
45	Clean dust from panels	☑	☐	☐	
Electrical System (cont.)					
46	Check paralleling system	☑	☐	☐	
47	Test fault lamps and replace as necessary	☑	☐	☐	
48	Check/adjust electrical meter	☑	☐	☐	
49	Inspect governor and linkage	☑	☐	☐	
50	Check generator control panel	☑	☐	☐	
51	Test auto-start/stop system	☑	☐	☐	
52	Check/tighten electrical connections (control panel only)	☑	☐	☐	
53	Check exciter	☑	☐	☐	
54	Check/test voltage regulator and calibrate	☑	☐	☐	
55	Check circuit breakers	☑	☐	☐	
56	Repair minor leaks	☑	☐	☐	
57	Check air compressor if not electric start	☐	☐	☒	
58	Lubricate generator starter/cranking motor	☑	☐	☐	
59	Check battery connections; clean and tighten	☑	☐	☐	
60	Check battery fluid level **Added?** Yes____ No ____	☑	☐	☐	
61	Inspect isolators, including wiring connections from generator to the electrical system	☑	☐	☐	
62	Check engine room ventilation	☑	☐	☐	
63	Check remote electrical equipment	☑	☐	☐	
64	Check clock mechnism for "exercise cycle system" semi-annually for functionality and accuracy. Adjust as necessary **Adjusted?** Yes ___ No ___	☑	☐	☐	
Engine Safety Controls					
65	Check operation of safety controls	☑	☐	☐	
66	Prime Move	☑	☐	☐	
67	Check Battery System	☑	☐	☐	
68	Test shunt trip unit	☑	☐	☐	
69	Test idle shutdown timer	☑	☐	☐	
70	Check engine gauges	☑	☐	☐	
71	Test/adjust oil pressure safeties	☑	☐	☐	- Showing low oil PSI 25 - Suspect

72	Test/adjust overspeed safeties; record overspeed stop	☑	☐	☐	
73	Test hi-temp safety circuit	☑	☐	☐	
	Engine Test - No Load				
74	Start engine; check operation	☑	☐	☐	
75	Water temperature: 160F	☑	☐	☐	
76	Adjust RPM if necessary Yes ____ No ____	☑	☐	☐	
77	Observe oil pressure and record: **Reading** 25psi	☐	☒	☐	Suspect 25 psi -
	Engine Test - Using Load, if necessary use appropriate Load Bank				
78	Perform Load test	☐	☐	☐	
79	Record RPM ____	☐	☐	☐	
80	Shut down engine and return to normal automatic condition	☐	☐	☐	
81	Check exhaust for leaks, restrictions and density	☐	☐	☐	
82	Engine Water Temperature ____	☐	☐	☐	
83	Lube Oil Temperature ____	☐	☐	☐	
84	Battery Charge Rate ____	☐	☐	☐	
85	Engine Lube oil Pressure ____	☐	☐	☐	
86	Fuel Pressure ____	☐	☐	☐	
	Generator Sets				
87	Check and record under load. Volts; Amps; Frequency	☐	☐	☐	
88	Phase A Volts Reading: ____	☐	☐	☐	
89	Phase B Amps Reading ____	☐	☐	☐	
90	Phase C Frequency ____	☐	☐	☐	
91	Check operation of transfer switch	☐	☐	☐	
92	Adjust frequency to 60 Hz under load	☐	☐	☐	
93	Check generator slip rings air flow and temperature	☐	☐	☐	
94	Lubricate generator bearings, drive and joints	☐	☐	☐	
95	Adjust voltage regulator Yes ____ No ____	☐	☐	☐	

Broward County Representative Signature

Broward County Representative Signature

S. O'Brien