

**Palm Beach County Fleet Management
Asset Maintenance History**

10179580 2009 PIPEHUNTER 7834 Sewer Cleaner, Trailer Mounted, Up To 10,000 Gvwr

Workorder: 946044 **Meter:** 1 **In Date:** 11/17/2009 **Closed:** 11/20/2009
Problem: install registration holder

- Install Registration holder	Parts List	Qty
- Test Run	Shop Supplies	1.00
- Shop Supplies	Registration Holder 97960-3	1.00
Hours 1.50	Labor: 90.00 Parts: 10.58	Total: 100.58
:		

Workorder: 946195 **Meter:** 0 **In Date:** 11/19/2009 **Closed:** 11/19/2009
Problem: Pre Delivery Inspection

- Pre Delivery Inspection	Hours 5.00	Labor: 300.00	Parts: 0.00	Total: 300.00
:				

Workorder: 1005135 **Meter:** 0 **In Date:** 05/18/2010 **Closed:** 05/21/2010
Problem: TRAILER LIGHT CONNECTOR WIRING DAMAGED

- Replace damaged trailer light plug connector.	Parts List	Qty
- Shop Supplies	Shop Supplies	1.00
	755-5046 Male Connector	1.00
Hours 1.00	Labor: 60.00 Parts: 8.83	Total: 68.83
:		

Workorder: 1010115 **Meter:** 0 **In Date:** 09/15/2010 **Closed:** 10/13/2010
Problem: Check trailer lights & wiring harness. Wires melted near hitch. Brakes are locked up.

- Rewire damaged trailer wireharness, replace damaged trailer male connector, replace damaged breakaway switch, recharge battery & test run unit.	Parts List	Qty
- Shop Supplies	Shop Supplies	1.00
	755-5046 Male Connector	1.00
	004098 Breakaway Switch	1.00
Hours 7.00	Labor: 420.00 Parts: 17.92	Total: 437.92
:		

Workorder: 1012736 **Meter:** 43 **In Date:** 11/16/2010 **Closed:** 11/23/2010
Problem: P.M.SERVICE

- P. M. engine & pump.	Parts List	Qty
- P. M. Trailer.	Shop Supplies	1.00
- Shop Supplies	Oil Filter	1.00
	Fuel Filter	1.00
	15/40 Oil	15.00
Hours 8.00	Labor: 480.00 Parts: 71.34	Total: 551.34
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Workorder: 1103298 **Meter:** 68 **In Date:** 03/28/2011 **Closed:** 04/28/2011
Problem: CHANGE IGN. SWITCH TO KEY LESS,HANDLE FOR WATER VALVE&FOR PRESSURE BY PASS BRPKEN

- Removed Instrument panel to access & Install new handles.	Parts List	Qty
- Shop Supplies	Shop Supplies	1.00
	Hand Valve Ball Handle (red)	1.00
	Valve Handle/prince Reel	1.00
Hours 3.00	Labor: 180.00 Parts: 106.54	Total: 286.54
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**Palm Beach County Fleet Management
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Workorder: 1107280	Meter: 68	In Date: 07/11/2011	Closed: 07/15/2011
Problem: Check trailer lights (blowing fuses on trucks)			
- Replace damage trailer connector & re-wire.		Parts List	Qty
- Shop Supplies		Shop Supplies	1.00
		755-5046 Male Connector	1.00
Hours 2.00	Labor: 120.00	Parts: 8.83	Total: 128.83
:			
Workorder: 1108595	Meter: 68	In Date: 08/08/2011	Closed: 08/15/2011
Problem: LEFT REAR TIRE			
- 8100 Forest Hill Blvd			
Hours 0.00	Labor: 0.00	Parts: 0.00	Total: 0.00
:			
Workorder: 1108598	Meter: 68	In Date: 08/10/2011	Closed: 08/15/2011
Problem: SERVICE			
- 8100 Forest Hill Blvd			
Hours 0.00	Labor: 0.00	Parts: 0.00	Total: 0.00
:			
Workorder: 1108790	Meter: 68	In Date: 08/10/2011	Closed: 08/18/2011
Problem: tires			
- 8100 forest hill blvd			
Hours 0.00	Labor: 0.00	Parts: 0.00	Total: 0.00
:			
Workorder: 1108791	Meter: 68	In Date: 08/10/2011	Closed: 08/18/2011
Problem: service			
- 8100 forest hill blvd			
Hours 0.00	Labor: 0.00	Parts: 0.00	Total: 0.00
:			
Workorder: 1109876	Meter: 85	In Date: 09/15/2011	Closed: 09/20/2011
Problem: Water leaking under tank when full			
- C/s: Water leaking unter unit. Fill tank, check for leaks & found leaking connector for water outlet. Repair leaking connector.		Parts List	Qty
- Shop Supplies		Shop Supplies	1.00
Hours 2.00	Labor: 120.00	Parts: 2.00	Total: 122.00
:			
Workorder: 1111170	Meter: 95	In Date: 10/21/2011	Closed: 10/26/2011
Problem: Needs new battery			
- Check charging system, battery & alternator. Found & replace bad battery.		Parts List	Qty
- Shop Supplies		Shop Supplies	1.00
		Group 24 Battery (acd 24ps)	1.00
Hours 1.00	Labor: 60.00	Parts: 75.43	Total: 135.43
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**Palm Beach County Fleet Management
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Workorder: 1112259 **Meter:** 103 **In Date:** 11/16/2011 **Closed:** 12/27/2011
Problem: P. M. Service, & see notes

- P. M. engine & pump.	Parts List	Qty
- Remove, rebuild, & reinstall both hose reel swivel.	Shop Supplies	1.00
- Replace 4 tires.	Oil Filter	1.00
- Service hydraulic system.	Fuel Filter	1.00
- P. M. Trailer.	1259 Hydr Filter Lbf Frm P1653a Wix 51259	1.00
- Repair wire for tag light.	Aw68 Hydro Fluid Hydraulic Oil 68	4.00
- Shop Supplies	1066 White Lithium (crc 05037)	1.00
	15/40 Oil	15.00
	St235/80r16 E, G/year Maraton Tire	4.00
	Waste Fee	4.00
	Tire Disposal Fee	4.00
	Hose Reel Swivel Repair Kit	2.00
Hours 18.50	Labor: 1,110.00	Parts: 1,050.23
:	0	Total: 2,160.23

Workorder: 1206903 **Meter:** 110 **In Date:** 07/25/2012 **Closed:** 07/31/2012
Problem: no start

- battery failed load recharged batt and retest ok	Parts List	Qty
- removed filter ck fuel and refilled filter. bleed all injectors	Shop Supplies	1.00
- removed instrument panel ck switches repaired load to lanyard line retested engine		
- repaired trailer cord		
- Shop Supplies		
Hours 7.00	Labor: 420.00	Parts: 2.00
:		Total: 422.00

Workorder: 1210920 **Meter:** 131 **In Date:** 11/08/2012 **Closed:** 11/16/2012
Problem: machine will not start but turns over

- ck charging and starting sys rr battery	Parts List	Qty
- Shop Supplies	24ps	1.00
	Shop Supplies	1.00
Hours 1.00	Labor: 60.00	Parts: 119.27
:		Total: 179.27

Workorder: 1300812 **Meter:** 131 **In Date:** 01/24/2013 **Closed:** 01/30/2013
Problem: BREAK AWAY CABLE BROKEN

- replace broke away cable	Parts List	Qty
	4086 Switch Cable	1.00
Hours 0.25	Labor: 15.00	Parts: 7.02
:		Total: 22.02

**Palm Beach County Fleet Management
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Workorder: 1301939 **Meter:** 147 **In Date:** 02/26/2013 **Closed:** 03/13/2013

Problem: pm, check brakes (queeking)

	Parts List	Qty
- pm	Napagold Fuel Filter	1.00
- pm service for trailer	Napagold Oil Filter	1.00
- ck brake squeeking remove drums inspect brakes clesan and adj shoe repack wheel bearing	15w40 Bulk South Reg	16.00
- repair wire harness for strobe lights	Mac Wite Lithium Gres	1.00
- service hyd system	Napa Trans Filter	1.00
- Shop Supplies	Brake Cleaner	2.00
	Shop Supplies	1.00
Hours 13.00	Labor: 780.00	Parts: 100.87
:		Total: 880.87

Workorder: 1303151 **Meter:** 147 **In Date:** 04/01/2013 **Closed:** 04/09/2013

Problem: TRAILER PLUG CONNECTION TO TRUCK

	Parts List	Qty
- replace damage trailer plug and rewire	Trailer Conn Plug	1.00
- Shop Supplies	Shop Supplies	1.00
Hours 2.00	Labor: 120.00	Parts: 7.90
:		Total: 127.90

Workorder: 1402726 **Meter:** 147 **In Date:** 03/20/2014 **Closed:** 04/08/2014

Problem: pm, jet machine directional calble head needs to be replaced

	Parts List	Qty
- pm	Napagold Air Filter	1.00
- trailer pm	Napagold Air Filter	1.00
- rr fit and rear brakes	Napagold Oil Filter	1.00
- rr trailer pig tail	Napagold Fuel Filter	1.00
- tightened turn table bearings	15w40 Bulk South Reg	16.00
- adj chains for both hyd motors	5403 Male Connector	1.00
- repaired rear light wiring	Backing Plate Assm	2.00
- flush out pump and rr fluid	Backing Plate Assm	2.00
- repoair rr tire	Seal	4.00
- Shop Supplies	Brake Cleaner	1.00
	1qt Syngear Oil 75-90	8.00
	Shop Supplies	1.00
Hours 24.50	Labor: 1,470.00	Parts: 653.41
:	0	Total: 2,123.41

Workorder: 1408560 **Meter:** 147 **In Date:** 08/26/2014 **Closed:** 09/15/2014

Problem: DRIVER REAR TIRE FLAT, FLAT BATTERY WONT START

	Parts List	Qty
- repair lr tire	30amp Circuit Breaker	1.00
- repaired wiring for starting circuit rr breaker and replaced melted wiring spoke with mike a tsouthern sewer for wiring diagram and braker size	Shop Supplies	1.00
- ck batt and recharged battery and pass		
- Shop Supplies		
Hours 8.25	Labor: 495.00	Parts: 6.52
:		Total: 501.52

**Palm Beach County Fleet Management
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Workorder: 1411332 **Meter:** 147 **In Date:** 11/13/2014 **Closed:** 11/24/2014

Problem: water leak after discaharge valve water leak

- Cut Away Bad Plumbing&removed Brokenfitting From Insideof Filter Housing. Installed New Blumbing.	Parts List	Qty
- Shop Supplies	Clamp T Bolt 2.31 2.62	2.00
	King Nipple	2.00
	Ptex Ultra Black 30z	1.00
	Hose	1.00
	Shop Supplies	1.00
Hours 4.50	Labor: 270.00	Parts: 55.19
:		Total: 325.19

Workorder: 1503525 **Meter:** 147 **In Date:** 04/06/2015 **Closed:** 04/30/2015

Problem: pm, tires, trailer jack foot missing

- pm	Parts List	Qty
- trailer pm	Napagold Air Filter	1.00
- brake svc	Napagold Fuel Filter	1.00
- hydrolic svc	Napagold Air Filter	1.00
- flushed out pump oil and rr oil	Napagold Oil Filter	1.00
- rr breakaway switch and repaired wiring to axle	15w40 Bulk South Reg	16.00
- rr 4 tires	Seal	4.00
- retrofitted jack	Brake Cleaner	1.00
- tightened turn table	Napa Trans Filter	1.00
- adj chains for hyd motors	1qt Syngear Oil 75-90	8.00
- repaired wiring for lights	Breakaway Switch	1.00
- Shop Supplies	St235/80r16 Lr-e Mthn	4.00
	Drop Leg	1.00
	13 Oz Aero Kroil	1.00
	Shop Supplies	1.00
	Tire Disposal Fee	4.00
Hours 23.50	Labor: 1,410.00	Parts: 1,180.54
:	0	Total: 2,590.54

Workorder: 1504160 **Meter:** 212 **In Date:** 04/22/2015 **Closed:** 04/30/2015

Problem: NO PRESSURE OR WATER AT BOTH HOSES

- ck filter for sys ck pump engagement exercised all valves and choke lines added water to tank and bleed sys ck for pressure ok	Parts List	Qty
- Shop Supplies	Shop Supplies	1.00
Hours 3.00	Labor: 180.00	Parts: 2.00
:		Total: 182.00

Workorder: 1507973 **Meter:** 214 **In Date:** 08/10/2015 **Closed:** 08/25/2015

Problem: wont start starter clinks, ck pressure on jet hose

- charged batt and load tested failed load replace batt repaired hold down bracket	Parts List	Qty
- ck pump engagement excise valve cleaned out debris from tank refilled tank and primed good pressure present	Battery	1.00
- Shop Supplies	Shop Supplies	1.00
Hours 4.50	Labor: 270.00	Parts: 104.87
:		Total: 374.87

**Palm Beach County Fleet Management
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Workorder: 1604922 **Meter:** 236 **In Date:** 05/11/2016 **Closed:** 05/25/2016

Problem: Pm service

- Pm service.	Parts List	Qty
- Hydraulic service.	15-40 Oil	16.00
- Trailer service.	Napagold Air Filter	1.00
- Repaired lights and wiring.	Napagold Fuel Filter	1.00
- Brake service two axles.	Napagold Air Filter	1.00
- Repaired R/r tire.	Napagold Oil Filter	1.00
- Tightened turn table.	Napa Trans Filter	1.00
- Adjusted chains for hydraulic motors	Led Sup Mdl 44 42 Dio	1.00
- Repaired plumbing.	Led Adapter Plug	1.00
- Repaired wiring to front axle for brakes.	Brake Cleaner	2.00
- Shop Supplies	15w40 Bulk South Reg	16.00
	Shop Supplies	1.00
Hours 21.50	Labor: 1,290.00	Parts: 239.03
:	0	Total: 1,529.03

Workorder: 1609482 **Meter:** 236 **In Date:** 09/12/2016 **Closed:** 09/29/2016

Problem: Jet machine wont start.Diesel tank was open to weather.Replace green hose assy.

- Replace battery and check charging system.	Parts List	Qty
- Replace green hose.	Battery	1.00
- Clean debris from green hose from parking lot and spray for ants on unit.	Hose Made W/ Fittings	1.00
- Shop Supplies	Shop Supplies	1.00
Hours 4.75	Labor: 285.00	Parts: 2,215.51
:		Total: 2,500.51

Workorder: 1702197 **Meter:** 236 **In Date:** 03/02/2017 **Closed:** 03/20/2017

Problem: No crank No start.

- Repair corroded wiring for ignition system.replace fuel filter.clean debris from fuel lines and lift pump check valves.fully recharge and test battery and charging system.	Parts List	Qty
- Shop Supplies	Napagold Fuel Filter	1.00
	Shop Supplies	1.00
Hours 3.00	Labor: 180.00	Parts: 16.07
:		Total: 196.07

Workorder: 1703878 **Meter:** 236 **In Date:** 04/18/2017 **Closed:** 05/15/2017

Problem: No start.

- Diagnose for no start.replace and rewire for murphy tattle switch.relocate and rewire for new fuse holder.replace damage wiring in cluster.	Parts List	Qty
- Diagnose for pressure pump inop.remove and clean check valves.flush and replace pump oil.adjust pump belts.secure broken guard shield.	1qt Syngear Oil 75-90	4.00
- Repair flat left rear tire.nitrogen fill all.	Non-chlor Brake Clnr	1.00
- Shop Supplies	13 Oz Aero Kroil	1.00
	Fusehold	1.00
	Tattletale Magnetic Switch	1.00
	Shop Supplies	1.00
	Freight Charge	1.00
Hours 14.00	Labor: 840.00	Parts: 191.60
:		Total: 1,031.60

**Palm Beach County Fleet Management
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Workorder: 1706994 **Meter:** 265 **In Date:** 07/18/2017 **Closed:** 07/24/2017

Problem: P.M.SERVICE

- Trailer pm.	Parts List	Qty
- Service hydraulic system.	15w40 Bulk South Reg	16.00
- Reflector tape installed.	Napagold Oil Filter	1.00
- Tag lamp.fabricate to lower position to keep from being damage.	Napagold Fuel Filter	1.00
- Install down leg pin and cable	Napa Trans Filter	1.00
- Shop Supplies	Aw68 Bulk Sr	4.00
	11 X 7 R S Tape	1.00
	Coupler	2.00
	lic light w/bracket	1.00
	Pin W/ring & Clip	1.00
	Shop Supplies	1.00
Hours 9.00	Labor: 540.00	Parts: 321.64
:		Total: 861.64

Workorder: 1803433 **Meter:** 282 **In Date:** 04/02/2018 **Closed:** 04/12/2018

Problem: No electric brakes

- Replace damage wiring harness and 6 way trailer plug.	Parts List	Qty
- Replace break away switch.	Male Trailer Connector	1.00
- Shop Supplies	Bulk Trailer Wire	10.00
	Breakaway Switch	1.00
	Dielect Silicone Comp	1.00
	Wire Term 16-14 Blt	10.00
	Term 24-22 Conn	10.00
	Cable Tie	1.00
	Butt Connector	1.00
	Shop Supplies	1.00
Hours 5.00	Labor: 300.00	Parts: 132.49
:		Total: 432.49

Workorder: 1803955 **Meter:** 282 **In Date:** 04/17/2018 **Closed:** 06/29/2018

Problem: No water pressure on discharge hoses

- Diagnose for no pump pressure.fill and flush tank and plumbing.remove and clean check valves.test operation multiple times.ok.	Parts List	Qty
- Shop Supplies	Shop Supplies	1.00
Hours 3.00	Labor: 180.00	Parts: 2.00
:		Total: 182.00

**Palm Beach County Fleet Management
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Workorder: 1808986 **Meter:** 285 **In Date:** 08/30/2018 **Closed:** 02/14/2019
Problem: PM

	Parts List	Qty
- Pump motor Pm	Hose Made Mako	1.00
- Install new pump and relief	15-40 Oil	16.00
- Trailer Pm	Napagold Oil Filter	1.00
- Replace brakes and repack bearings	Napagold Air Filter	1.00
- Rewire trailer plug	Napagold Fuel Filter	1.00
- R&r Hyd. tank for welding of frame. Replace lines	Napa Trans Filter	1.00
- Test out pump	Hose Made Mako	1.00
- Clean tank	Hose Made	1.00
- Replace tag light	St235/80r16 Trailer King	4.00
- Shop Supplies	Aw68 Hydro Fluid Hydr	8.00
	Ptex Ultra Grey 3oz	2.00
	belt	1.00
	Relief Valve	1.00
	Pump	1.00
	Ptex Thrd Lck Blue Sm	1.00
	1qt Syngear Oil 75-90	5.00
	Ptex Thrd Lck Red Sm	1.00
	Ptex Thread Seal	1.00
	Anti-seize Lubricant	1.00
	Blaster Penetrant	1.00
	Trailer Jack	2.00
	Seal	2.00
	Dielect Silicone Comp	1.00
	Male Trailer Connector	1.00
	Hardware Kit	4.00
	Hub & Drum Assembly	4.00
	Cerulean 2 Grs Cartr	2.00
	Lh Brake Assy	2.00
	Rh Brake Assy	2.00
	Hose Made Mako	1.00
	Napagold Fuel Filter	1.00
	Non-chlor Brake Clnr	6.00
	Hose Clamp	4.00
	Fuel Line Hose	25.00
	License Bracket W/light	1.00
	Hose Made Mako	1.00
	Shop Supplies	1.00
	Tire Disposal Fee	4.00
	Freight Charge	1.00

Hours 59.00
:

Labor: 3,953.0 Parts: 17,439.91
0

Total: 21,392.91

**Palm Beach County Fleet Management
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Workorder: 1810022 **Meter:** 282 **In Date:** 09/27/2018 **Closed:** 09/27/2018
Problem: 4 Tires
- 4 Tires
Hours 0.00 Labor: 0.00 Parts: 0.00 Total: 0.00
:

Workorder: 1810643 **Meter:** 282 **In Date:** 10/16/2018 **Closed:** 11/08/2018
Problem: repair cracked welds by Apex
- Repair cracked frame
Hours 0.00 Labor: 0.00 Parts: 0.00 Total: 0.00
:

**Palm Beach County Fleet Management
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Workorder: 1902659 **Meter:** 285 **In Date:** 03/11/2019 **Closed:** 01/03/2020
Problem: pump issues

	Parts List	Qty
- Replace water diverter valve	Mako Hoses Made	1.00
- Replaced pump drive belts and pump assembly changed pullies	belt	1.00
- To Mako 3xs	4" Exhaust Hose 4ft	1.00
- R&r Aps clutch assembly	Ball Valve Handle .75	1.00
- Replaced water pump	Red Handle For Ball Valve	2.00
- Test run	belt	3.00
- Replaced trailer plug assembly	Sheave	1.00
- Fabricated new belt guard assembly	Sheave	1.00
- Shop Supplies	Hinge	2.00
	Plunger Pipe 32mm	3.00
	O-ring	2.00
	O Ring	2.00
	Taper Roller Bearing	2.00
	Radial Shaft Seal	2.00
	Shaft Seal	3.00
	Inlet Valve Kit	3.00
	Packing Kit	3.00
	Push Rod	2.00
	Socket	1.00
	16.5 Oz Aero Kroil	1.00
	Fuel Pump	1.00
	Steel Plunger	1.00
	Greased Hub 5 Stud	4.00
	Greased Hub 5 Stud	4.00
	Brush	4.00
	Hose Made Mako	1.00
	Fitting From Mako	1.00
	Pressure Regulator	1.00
	Hose Assy	1.00
	Hose Made Mako	1.00
	Cap	1.00
	Aw68 Hydro Fluid Hydr	15.00
	Non-chlor Brake Clnr	4.00
	Jackprt	2.00
	Anchor Shackle	4.00
	Shop Supplies	1.00
	Freight Charge	1.00
	Freight Charge	1.00
	Freight Charge	1.00
	Freight Charge	2.00

Hours 71.00
:

Labor: 5,183.0 Parts: 18,743.93
0

Total: 23,926.93

**Palm Beach County Fleet Management
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Workorder: 2001603 **Meter:** 291 **In Date:** 02/14/2020 **Closed:** 03/17/2020
Problem: PM Service.

- Pm Service.	Parts List	Qty
- Pm Trailer.	Napagold Oil Filter	1.00
- Service front and rear brakes.	15w40 Bulk South Reg	16.00
- Replace breakaway switch.	Napagold Air Filter	1.00
- Fabricate and replace 6 feet hose reel extension.	Napagold Fuel Filter	1.00
- Unseize hose reel guides and replace missing pins.	Napa Trans Filter	1.00
- Fabricate and replace tag light bracket and rewire.	Wd40 Spr	1.00
- Repair and rewire trailer plug.	Non-chlor Brake Clnr	2.00
- Service hydraulic system.	Breakaway Switch	1.00
- Shop Supplies	Hose Made Mako	1.00
	License Bracket W/light	1.00
	1/2"x6" Hitch Pin	2.00
	Shop Supplies	1.00
Hours 19.00	Labor: 1,387.0	Parts: 268.68
:	0	Total: 1,655.68

Workorder: 2009456 **Meter:** 291 **In Date:** 09/18/2020 **Closed:** 09/18/2020
Problem: Transition Prep Charge

- Transition Prep Charge			
Hours 2.00	Labor: 146.00	Parts: 0.00	Total: 146.00
:			