

# Orange County Utilities Solid Waste Management Division

Lithium-Ion Battery Fire Incident  
on December 1, 2021



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## Resilience Through Difficult Times

- Quickly adapted
- Rerouted customers to Porter Transfer Station HHW facility
- Developed a temporary collection site at the former sheriff's office shooting range
- Provided timely updates to the public

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Fire Damage

APPENDIX A PHOTO LOG  
ORANGE COUNTY SOLID WASTE DIVISION  
HHW FACILITY, 5901 YOUNG PINE ROAD, ORLANDO, FLORIDA



Photo 1. South entrance of canopy-covered receiving and collection area.  
View to north.



Photo 2. North exit of canopy-covered receiving and collection area.  
View to east.

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Fire Damage

APPENDIX A PHOTO LOG  
ORANGE COUNTY SOLID WASTE DIVISION  
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Photo 3. Battery, electronics, and propane tank (empties and partials) collection area.  
View to west.



Photo 4. East side of canopy-covered waste collection area.  
View to southwest.

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## Fire Damage

APPENDIX A PHOTO LOG  
ORANGE COUNTY SOLID WASTE DIVISION  
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Photo 5. Battery, electronics, and propane collection area.  
View to northwest.



Photo 6. Electronics, aerosols, and flammable liquids collection area.  
View to west.

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## Fire Damage

APPENDIX A PHOTO LOG  
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Photo 7. Oxidizers, pesticides, propane, acids, and caustics collection area.  
View to west.



Photo 8. New drums, 6000 gal stormwater tank, pallet and empty drums collection area.  
View to northwest.

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Fire Damage



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Fire Damage



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# Event Tracking Sheet

Events	Documents	Date/Status
Household Hazardous Waste Facility Fire Date: 12/7/2021		
1 Folder	W:\Sharing\FILE_ROOM\Environmental-Engineering\Operation Areas\Household Hazardous Waste\PERMA-FIX\HHW Fire Incident on 12-1-2021\	Updated daily
2 36-2 Accident Incident form	Reference Number: 21022\956407	Submitted on 12-1-2021
3 FDEP Fire Report		Submitted on 12-1-2021
FDEP Site Visit	Inspector: wiraama.vorramberger@fl.gov Documents requested: - Fire Marshal Report: See folder, received on 12-9-2021 - November's Manifest: See folder - Inventory Sketch Layout: Included in Trilydro report. - Site characterization report: Trilydro, Bill Kelly (904-513-9742) In Progress	David Gregory submitted partial request on 12-10-2021 - Copy of Manifest for 11-30-2021
4 Insurance Fire Inspection	County's Insurance Fire Inspector: Kevin B. Hays (407) 416-4417, FFF's Insurance' Fire Inspector: AL Alcalá 1.800-971.7252	In progress
5 Public Notice of Pollution	DEF Incident ID: 13370	Submitted on 12-2-2021
6 Pictures Folder	See Folder on 1	Done
7 Alternate HHW locations	See Folder on 1	Done 12-3-21
8 PFS/HHW E operation days	E-day option added to PFF's DO	Done 12-3-21. Will continue. Requested extension to Kevin on 2-23-22
9 HHW Flyer/Electronic board/ Signs	additional signs installed	Done 12-3-21 and 2-9-22
Permafix of Florida Reports	Waste Characterization report - 1/25/2022 Waste Clean up Plan - received on 12-13-21 Waste removed from Facility on 2-16-2022 Confirmation email of waste removed and facility turned on to OC: 2/17/2022	In progress To be submitted to FDEP for approval
10 Trilydro: William Kelly: 904-328-0585 Building/Structural Preliminary		
11 Assessment	Preliminary assessment-12-6-2021 Safe to start clean up Former gun Range selected. Drawings for access roads and proposed facility operation Layout created 12-10-2021 Preps commenced on 12-15-2021 completed on 2/3/2022	Final Report received: 12-15-2021
12 Alternate Facility Preps		
Landfill HHW start up day	First Day 2/7/2022	
13 Equipment provided	Six (6) Fire ext Radio on 2/23/2022	
14 HHW fire debris clean up	Starting 12/27/2021, completed on 2-16-2022	
4W Claim Engineering report	Received on 2/22/21	
Budget checkup with Michelle	Pending	
Meetings Tracking	12-2-2021 - 2/23/2022	

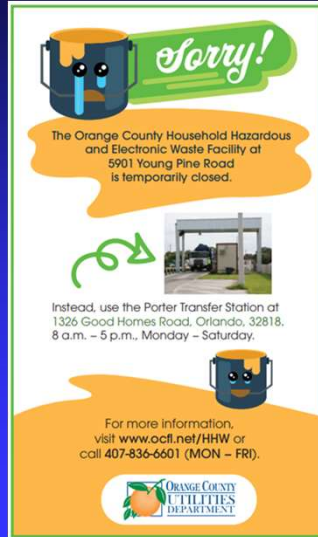
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# November's Manifest

<b>Manifest Number: 023462962JJK</b>						
<b>DATE: 11/30/21</b>						
<b>PLACE: Young Pine Rd.</b>						
<b>CUSTOMER SERVED:</b>	<b>1,764</b>					
<b>AVERAGE POUND PER CUSTOMER:</b>	<b>12</b>					
<b>AVERAGE COST OF DISPOSAL:</b>	<b>0.62</b>	Note: Fire Incident on 12-1-2021				
QTY	DESCRIPTION	POUNDS	UNIT PRICE	AMOUNT	COST %	WASTE %
36	Flammable Liquid	14,316	\$ 0.43	\$6,155.88	0.45	65.47%
	Flammable Solid		\$ -	\$0.00	0.00	0.00%
11	Pesticide	3,287	\$ 1.41	\$4,634.67	0.34	15.03%
1	Aerosols	453	\$ 1.67	\$756.51	0.06	2.07%
7	Corrosives	3,433	\$ 0.56	\$1,922.48	0.14	15.70%
1	Oxidizers	156	\$ -	\$0.00	0.00	0.71%
	Antifreeze		\$ -	\$0.00	0.00	0.00%
	Motor Oil		\$ -	\$0.00	0.00	0.00%
2	Small LP Tanks	220	\$ 0.77	\$169.40	0.01	1.01%
	PCB's		\$ 0.50	\$0.00	0.00	0.00%
	Dioxin		\$ -	\$0.00	0.00	0.00%
58	<b>TOTAL</b>	<b>21,865</b>	<b>TOTAL:</b>	<b>\$13,638.94</b>	<b>100%</b>	<b>100%</b>

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## HHW Flyer



The flyer features a cartoon character of a blue bucket with a sad face and a green speech bubble that says "Sorry!". Below this, text in an orange speech bubble states: "The Orange County Household Hazardous and Electronic Waste Facility at 5901 Young Pine Road is temporarily closed." A green arrow points to a photograph of the Porter Transfer Station. Text below the photo reads: "Instead, use the Porter Transfer Station at 1326 Good Homes Road, Orlando, 32818, 8 a.m. - 5 p.m., Monday - Saturday." At the bottom, a small cartoon bucket character is next to the text: "For more information, visit [www.ocfl.net/HHW](http://www.ocfl.net/HHW) or call 407-836-6601 (MON - FRI)." The Orange County Utilities Department logo is at the very bottom.

**Sorry!**

The Orange County Household Hazardous and Electronic Waste Facility at 5901 Young Pine Road is temporarily closed.

Instead, use the Porter Transfer Station at 1326 Good Homes Road, Orlando, 32818, 8 a.m. - 5 p.m., Monday - Saturday.

For more information, visit [www.ocfl.net/HHW](http://www.ocfl.net/HHW) or call 407-836-6601 (MON - FRI).

ORANGE COUNTY UTILITIES DEPARTMENT

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## Temporary Site



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## Porter Transfer Station HHW Facility



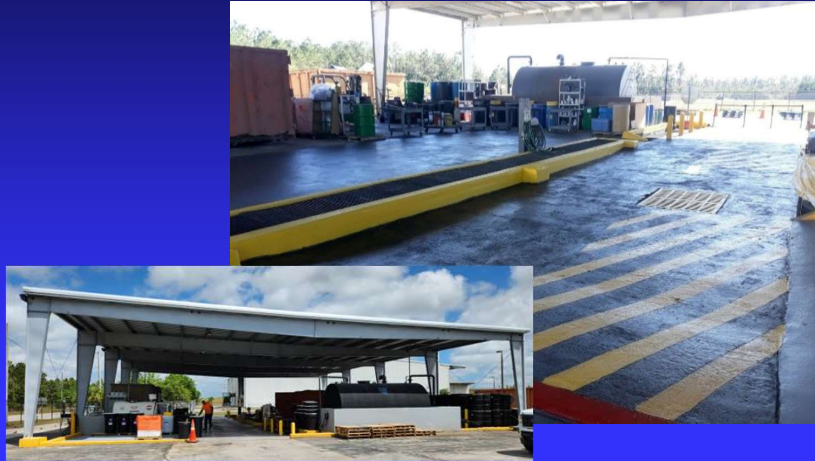
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## Porter Transfer Station HHW Facility



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## HHW Permanent Site at Landfill Reopened in September 2023



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## QUESTIONS?

Oscar Ramos, Environmental Coordinator

[Oscar.Ramos@ocfl.net](mailto:Oscar.Ramos@ocfl.net)

407-836-6636

[ocfl.net/HHW](http://ocfl.net/HHW)



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