	LOXAHATCHEE RIVER DISTRICT	Doc No:	LRD-POL-OPS-01.00
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SEPTAGE WASTE HAULING AND DISPOSAL POLICY

Purpose

This policy establishes the requirements and criteria for a Septage Hauling Company to use the District’s Wastewater Treatment Facility (WWTF) for the off-loading and disposal of hauled Liquid Waste. This policy has been developed to minimize the likelihood that hauled Liquid Waste off-loaded at the District’s WWTF will cause an Interference or result in detrimental impacts to the biological, solids separation, and/or biosolids dewatering processes employed at the District’s WWTF.

Policy

It is imperative that the District maintain the functionality of the District’s WWTF. Therefore, the District shall limit disposal of hauled Liquid Waste to the District’s WWTF pursuant to this policy. This policy limits the source and character of hauled Liquid Waste that can be disposed of into the District’s WWTF, because certain waste could have a detrimental impact on the treatment and performance of the District’s WWTF as well as the quality of the Irrigation Quality Water distributed to the District’s reclaimed water customers. Therefore, the following criteria must be strictly adhered to:

1. The only type of Liquid Waste permitted to be off-loaded and disposed of at the District’s WWTF is residential Domestic Sewage (i.e. wastewater). The District strictly prohibits off-loading and disposal of any other residential or non-residential hauled Liquid Waste, including waste from grease traps, industrial process water, car wash reclamation systems, gas stations, mobile waste bin cleaning systems, or similar, at the District’s sole discretion.
2. Septage haulers must be pre-approved prior to attempting to off-load Liquid Waste at the District’s WWTF.
3. The District strictly prohibits off-loading and disposal to the District’s WWTF any residential or non-residential hauled Liquid Waste originating from outside the District’s service area as defined in Palm Beach and Martin County Comprehensive Plans (see Figure 1).
4. Prior to discharging any hauled Liquid Waste at the District’s WWTF, the waste hauler must disclose, in writing, the source of all wastes to the District. The Septage Hauling Company will be required to verify the source(s) of all hauled wastes including the following:
 - a. Name of residence owner
 - b. Street address of residence. The address must be included on the “Trip Ticket” for the hauled Liquid Waste
 - c. Phone number of residence owner
 - d. Reason for septage pick-up, hauling and disposal
 - e. Estimated volume (gallons) of each address if more than one address

5. All Septage Hauling Companies are required to apply for re-authorization annually no later than November 1st.
6. If it is determined that a hauled Liquid Waste meets the District's requirements for discharging to the District's WWTF, the only location where the hauled Liquid Waste is legally permitted to be discharged at is the septage receiving station located immediately adjacent to the headworks structure at the District's WWTF site. Off-loading of hauled waste at any other location will result in District enforcement, including prosecution and fines, as outlined in Sections 10 and 11 of District Rule Chapter 31-13 entitled "Regulation of Sewer Use". Furthermore, illegal discharges will be reported to the Florida Department of Environmental Protection and the local Health Department.

The District reserves the right to refuse hauled Liquid Waste during a declared emergency.

Definitions

List definitions necessary to understand the policy statement (section above).

- A. Discharge: The introduction of Domestic Sewage at the District's WWTF from any domestic source. All discharges shall be at the septage receiving station located immediately adjacent to the headworks structure.
- B. Domestic Sewage (wastewater): Water-carried sewage from residential dwellings, commercial buildings, and institutions, whether treated or untreated, which are discharged to the District's WWTF on a continual basis.
- C. Headworks: The first treatment process unit at a WWTF where raw Domestic Sewage is introduced and inorganic solids (i.e. papers, plastics, etc.) and grit are removed from the waste stream.
- D. Interference: A discharge which alone or in conjunction with a discharge or discharges from other sources, either:
 - a. Inhibits or disrupts the WWTF, its treatment processes and/or operations.
 - b. Inhibits or disrupts its biosolids processes, use or disposal; or
 - c. Is a cause of a violation of the District's FDEP Domestic Wastewater Facility permit.
- E. Liquid Waste: Any form of liquid residue that is hazardous to the environment or people (Domestic Sewage, fats, oil, grease, gas station residue, industrial chemical, etc.)
- F. pH: A measure of the acidity or alkalinity of a substance, expressed in 0 to 14 standard units with 7 being neutral.
- G. Septage Hauling Company: A private company which collects Domestic Sewage from residential, commercial and/or institutional sources and transports the sewage to a WWTF for treatment and disposal.
- H. Trip Ticket: A chain-of-custody document which tracks and inventories the source, type and volume of all Domestic Sewage collected and hauled to a WWTF for treatment and disposal.

Relevant Procedures

The following procedures guide staff in the appropriate implementation of this policy:

- A. Septage Waste Hauling and Disposal Standard Operating Procedure

Relevant Policies

The following policies may relate to this policy:

- A. Chapter 31-3 Regulations for Sewer Systems
- B. Chapter 31-13 Regulation of Sewer Use (District Pretreatment Ordinance)

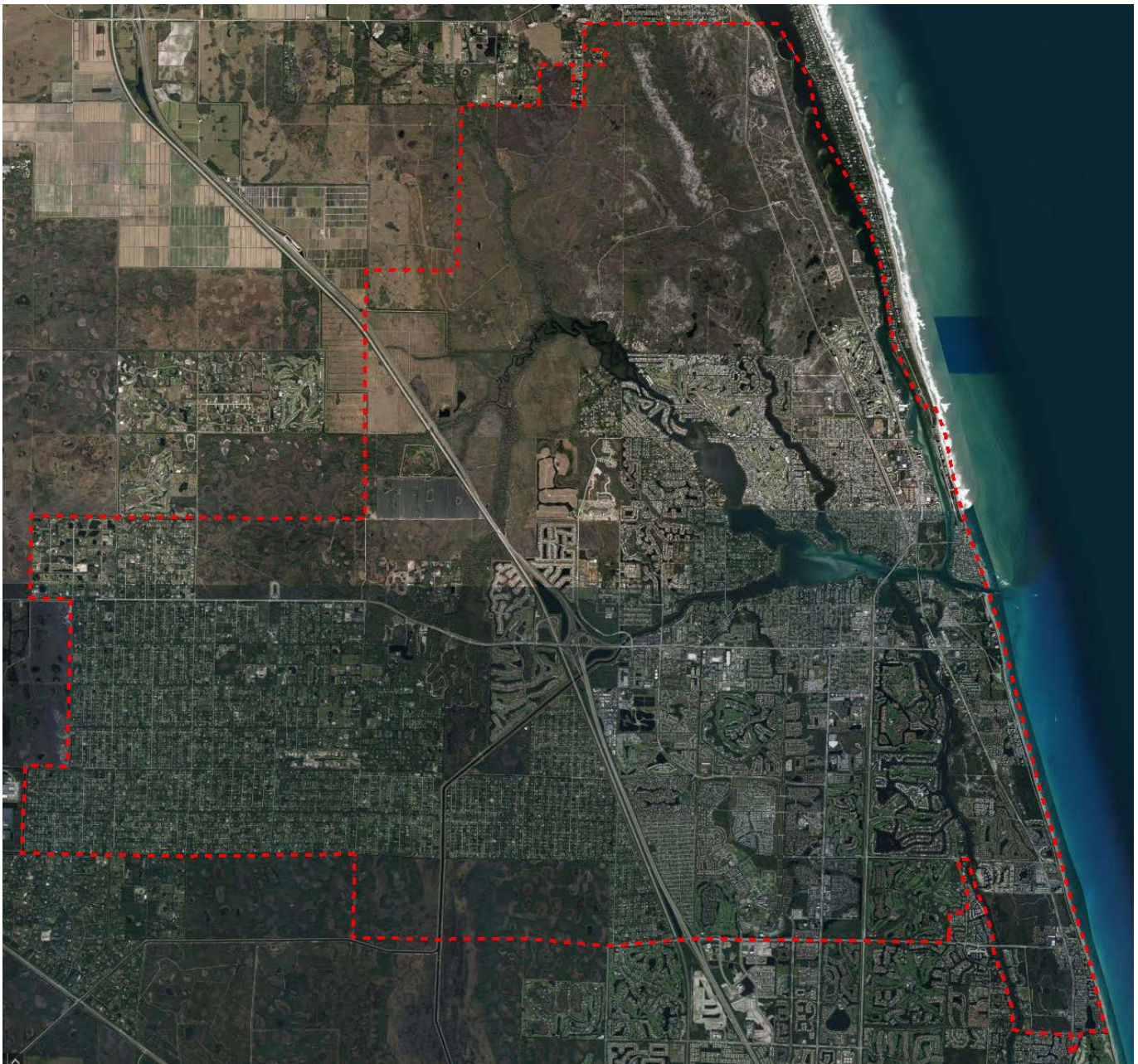
Consequences

Failure of any Septage Hauling Company to comply with all requirements stipulated in this policy will result in the immediate and permanent revocation of privileges to dispose of hauled Liquid Waste at the District's WWTF. In the event that the District discovers or it can be substantiated that any hauled Liquid Waste is being unlawfully introduced into the District's collection system all parties involved are subject to District enforcement, including prosecution and fines, as outlined in Sections 10 and 11 of District Rule Chapter 31-13 entitled "Regulation of Sewer Use". Furthermore, illegal discharges will be reported to the Florida Department of Environmental Protection and the local Health Department. All violations will be prosecuted to the fullest extent of the law as applicable under local and State laws.

Policy Questions

Questions regarding this policy should be directed to the author(s) listed above.

Figure 1 - Loxahatchee River District Service Area



Contact the Experts at Trash Bin Cleaners Direct to learn more about our wastewater filtration and recycling systems



United States
Environmental
Protection Agency

Region 9 Ground Water
Office (WTR-9)

EPA 909-F-99-002
JULY 1999

ALERT FOR RV, BOAT AND MOBILE HOME OWNERS AND PARK OPERATORS ABOUT SAFE WASTEWATER DISPOSAL

DO NOT USE CHEMICALS WHICH HARM SEPTIC SYSTEMS

Formaldehyde: active ingredient in some deodorizers, also called Formalin. Formaldehyde is an EPA-recognized probable carcinogen (i.e., causes cancer).

Para-dichlorobenzene: Known carcinogen and drinking water contaminant. Common ingredient in mothballs, urinal cakes and bowl fresheners.

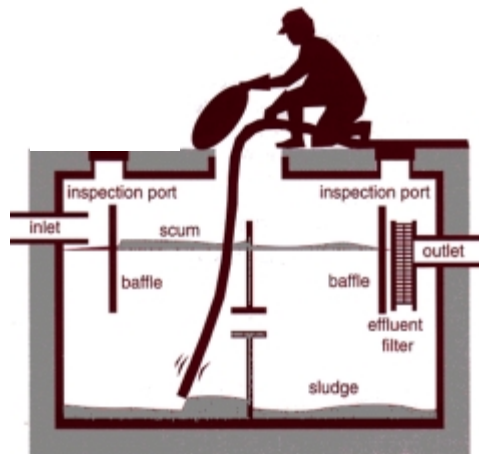
OTHER CHEMICALS TO BEWARE OF INCLUDE heavy metals (such as Zinc), benzene, toluene, xylene, ethylene glycol (anti-freeze), methylene chloride, 1,1,1-trichloroethane (TCA), trichlorethylene (TCE) and perchloroethylene (PCE). Strong acids and bases, such as sulfuric acid or caustic soda, can destroy biological activity and damage tanks and pipes.

If you spend any time in a recreational vehicle (RV) or boat, you probably know of the problem of odors from sewage holding tanks. There are a number of commercial products available to control those odors. Some of those products contain chemicals which may pollute water resources. If you use those chemicals and then empty your holding tank into a septic system (or other onsite wastewater treatment system) or dispose of holding tank waste illegally, you may be creating health and environmental hazards. These chemicals and their by-products may pass through onsite wastewater treatment systems, flowing to soil, ground water, and possibly nearby surface waters. They may also corrode treatment system parts, creating a safety hazard.

How septic systems work. A typical septic system contains two major components: a septic tank and an absorption field, also known as a drainfield or leachfield. These systems use natural processes to treat wastewater onsite, as opposed to offsite at a municipal wastewater treatment plant. The purpose of the septic tank is to separate solids from the liquid waste, and to promote partial breakdown of contaminants by microorganisms (bacteria) naturally present in wastewater. The leachfield also treats the wastewater through physical, biological and chemical processes in the soil.

Mixing chemicals with waste in sewage holding tanks or septic systems may produce toxic fumes, corrode pipelines and tanks, and pollute soil and ground water when discharged.

When chemicals, such as formaldehyde, are added to septic systems, they can cause bacteria in the system to die. When this happens, the septic system cannot treat waste adequately. Solids that are allowed to pass from the septic tank, due to inadequate or incomplete treatment, may clog the leachfield. Furthermore, clogged systems may send inadequately or incompletely treated sewage to the surface, threatening the health of people or pets who come into contact with it. Or it may percolate to ground water, where the chemicals and untreated wastewater could contaminate nearby drinking water wells, rivers and streams. Please **read labels carefully** to identify any hazardous ingredients.



* NATIONAL SMALL FLOWS CLEARINGHOUSE

The restoration of contaminated ground water is extremely costly and can take years. To prevent problems, RV and mobile home parks, as well as dump station operators, may take measures to control hazardous chemical disposal into their waste treatment systems. If they do not, and their system causes contamination, they may be forced to **close the dump station or the park** until the problem can be corrected.

\$ A healthy, well-maintained and appropriately sized septic tank will generally require less pumping over its service life, saving time and money.

**REPORT SEWAGE SPILLS
and other health hazards to the local
health department.
Keep People and Pets Away!**

PARK OPERATORS:

The United States Department of Health, Education and Welfare said in 1957 that "... there are no known chemicals, yeasts, bacteria, enzymes or other substances capable of eliminating or reducing the solids and scum in a septic tank" and according to EPA, this is still true. No products have been verified by EPA to eliminate the need for routine maintenance, and some may actually accelerate system failure by allowing solids to clog the dispersal system; while the products may claim to "remove" sludge, they may just "move" sludge. Tanks should be checked routinely (see photo) for solids and scum buildup.



Sludge Removal (pumpouts) may be needed more often for RV, Mobile Home and Boat waste systems than for single-family septic systems, especially if your tanks are undersized and/or your residents are conservative with water. Oversizing your tanks, or adding additional tanks, may allow greater waste stabilization. Consult a wastewater professional.



RVers CAN HELP...
Here's How:

- Minimize your need of holding tank deodorizers by using rest stop facilities when you can.

- If you must use a holding tank deodorizer, read the label carefully. **Biodegradable** (enzyme and citrus-based) products are available. Whichever product you

choose, **follow label directions** and add no more than recommended amounts.

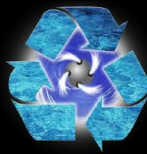
- Some products that claim to be flushable, such as some types of cat litter, may clog hoses and septic tanks; use toilets for waste and toilet paper only.

- Ask questions of your park manager about drinking water and wastewater management. Sanitation costs can be minimal, but not free.

- Educate other RVers. Don't be shy about health.

Septic System Care: The National Small Flows Clearinghouse,
The Safe Drinking Water Act

**Contact the Experts at Trash Bin Cleaners Direct
to learn more about our wastewater filtration and recycling systems**

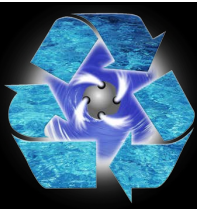


Top 25 Reasons to Invest in our Systems!

1. World fastest cleaning speeds! Clean light to medium soiled trash bins, in an average of 5 to 8 seconds with roughly 1-2 gallons of water. Conserve up to 25 gallons of water per trash bin or 50 gallons per stop.
2. Clean the filthiest starter trash cans "First Time Cleaning" in an average of 30 seconds! Unlike other systems that take an average of 5 to 12 Minutes to clean 1 cart. Saving you up to 70 gallon of water per cart.
3. Clean-up to 400 trash bins per day. Realtime video shows 32 carts cleaned at a waste company in under 30 minutes video https://youtu.be/ra5FaPnA3HQ
4. Our Diamond Package can clean up to 500 maintenance trash bins per day. Watch our video on our highly filtered wastewater) Video https://youtu.be/zWGug3IPrvU
5. TBCD exclusive 17-stage wastewater filtration & Hydro-Clear recycling allows you to double and triple the amount of trash bins that you can clean in a day, Starting with three 1,000 micron easy clean basket filters, 4 Oil absorber stages & 4 solid separation tanks. multiple stage filtration stages, filters down 5 micron. (Inexpensive & easy to maintain). (Some competitors add an shop wet vacuum and call it a recovery system)
6. Hydro-Clear 3-stage wastewater recycling System with Hydrocarbon, Oil, Fuel, Phosphate, Chlorides & Odor control filters total 17-total stages. Included with our Titanium & Diamond packages. Avail. on all models.
7. High-Speed Stainless Steel 4 jet Cleaning Heads (Best in Class). Not cheaper quality aluminum heads models and or 2 & 3 nozzle ss models. (We have never needed to replace a worn our head yet).
8. 100% Chemical Free Trash Cart Cleaning. We use high-temperature hot water and 31,500 Cleaning Units (CU's) on our Titanium & Diamond models. Bio-degradable cleaners can be highly toxic to aquatic life and can make disposal of your wastewater very expensive
9. True Heat High-Efficiency diesel-fired 600,000 Btu heaters, can save you up to \$1,600.00 per month on diesel fuel, compared to other pressure washers on the market.
10. We offer only Street Legal trucks and trailers. We do not use an open-top trash bin hopper to hold all your unfiltered garbage & wastewater. It is illegal to transport wastewater in an open-top trash bin hopper. Check with your local EPA first. Do your due diligence and make sure you do not invest in a non-street legal vehicle.
11. Street Legal Vehicles: Proper GVWR Gross Vehicle Weight when full. (Warning not all Mfgs are DOTI compliant some have GVWR that can be 4,000 lbs. overloaded) Investing in an improper engineered system can cost you your life, your business, endanger the public and damage your vehicles! (It's insane to have up to 4,000 lbs. of weight hanging off the rear of a truck or trailer. See why https://youtu.be/fWd8ml9mFMo
12. Trash Bin Cleaners Direct, LLC. 125-page marketing and contractor training guide, written by Dan Swede is
13. Logo and design and full truck and trailer sign wraps are available at wholesale prices.
14. Optional 6 in 1 subscription-based, route management software that can store a customer's credit card, provide invoicing, and has optional text messaging, email invoice & marketing capabilities. This system can also be linked to separate accounting software and credit card processing service. \$49.00 to \$99.00 per month
15. Free custom website all you pay is a small \$99.00 per month hosting & SEM fee, no contracts. (Not-template based website, We do not make a copy of copy that ruins it for everyone's websites)
16. Multifunction System: Trash Cart & High-Speed Pressure Cleaning Systems attracts clients like waste companies, municipalities. Our systems can pressure clean concrete at up to 200 Sq. Ft per Minute. (Fastest cleaning speeds on the industry). Watch us clean a 1500 sq. ft driveway cleaned in 7 minutes. Watch one of the most amazing pressure washing videos on the Internet; https://youtu.be/PLBolkQkyrE
17. Multiple accessories are available: High-Speed Surface Cleaners from 8" up to 60" wide models, Soft Wash Systems, Wet Sandblast, Extension Wands up to 20' long, Turbo Nozzles for dumpster cleaning and graffiti removal, Muck Scuppers & more.
18. American made with the highest quality components on the market.
19. Separate 270-gallon wastewater recovery tank & supply tanks. Our newest models offer 2- 400-gallon tanks. We do not use the rear hopper as our main wastewater holding tank. See why https://youtu.be/fWd8ml9mFMo
20. Ultra-High-Volume 9 GPM @ 3500 PSI High-Temperature 31 HP 896cc (Not an undersized 688cc 22HP Honda powered) We deliver up to 40% more horse power!
21. Free hands on training at our facility on our high-speed trash can cleaning, residential & commercial pressure washing & fleet washing techniques, pricing & wastewater recycling at no extra charge. Included with purchase
22. We do not own cart cleaning services. We do not believe in competing with clients.
23. Technical & marketing support (33 years experiance in pressure washing, fleet washing & trash bin cleaning sys
24. We provide sales leads (when available) & support on government & corporate bids contracts.
25. 100% financing is available WAC. Financing available for start-up companies. (No business plans are needed).

Please feel free to contact the experts at Trash Bin Cleaners Direct info@trashbincleanersdirect.com and let us know what it will take to earn your business. www.TrashBinCleanersDirect.com Phone 877-699-0755

PRESSURE CLEANERS DIRECT



TRASH BIN CLEANERS DIRECT

Contact the Experts at TBCD
www.trashbincleanersdirect.com
www.pressurecleanersdirect.com
info@trashbincleanersdirect.com
Phone 877-699-0755

LEARN ABOUT THIS AMAZING NEW BUSINESS OPPORTUNITY, THAT IS ATTRACTING THOUSANDS OF NEW RESIDENTIAL & COMMERCIAL CLIENTS PER DAY!



Invest in the World's Fastest & The Most Environmentally Friendliest Trash Bin Cleaning Systems. There Are Huge Demands Growing for These Services.

- ✓ **Attract Hundreds, Even Thousands of New Customers To Your Company!**
- ✓ **Brand-New Emerging Service Industry With Unlimited Growth Potential!**
- ✓ **Completely Unsaturated Service Industry With Very Little or No Competition!**
- ✓ **Marketing & Assistance Program (MAP). Full Training Package!**
- ✓ **6 in 1 Route Management, Marketing & Accounting Software & So Much More!**

- ✓ **Follow-Up Curbside Trash Bins Cleanings Take as Little as 10 Seconds!**
- ✓ **Clean & Sanitize Up To Four Hundred (400) Trash Bins Per Day!**
- ✓ **All Systems Include (11 to 17-Stage) Wastewater Recycling Systems!**
- ✓ **Recovers & Recycle Wastewater Up To 100' Away From the Vehicle!**
- ✓ **Can Pressure Clean Most Driveways In Under 10 Minutes. (Up to 200 Sq Ft. Per Minute)**
- ✓ **Additional Chemical Spraying Systems Avail. (Sanitize Large Areas or Soft Wash Homes)**
- ✓ **No Franchise Fees or Territory Restrictions.**

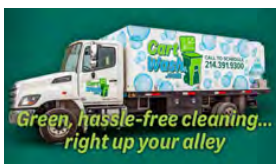
Bonus 12-Volt Chemical Sanitizer Sprayer with 33' Hose is Included With Purchase! (Sale Ends 3-31-2020)



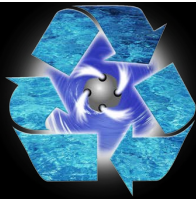
Viruses, Bacteria, Paint, Cooking Oil, Phosphates from fertilizers, pesticide & herbicides are commonly found in trash bins. Learn how TBCD recycling systems will keep you street legal while tripling the amount of bins cleaned per day.

Trash bin cleaning is the perfect addition to residential service companies. Construction, carpet cleaning, power washing, pest control companies especially in heavily saturated markets will benefit from the massive influx of clientele.

World's Most Environmentally Friendly High-Speed Trash Bin Cleaning Systems



TBCD & PCD is your #1 source for Trash Bin Cleaning Systems, Mobile Hot & Cold-Water Pressure Cleaning Packages, Mobile Fleet Washing Equipment & High-Speed Surface Cleaners.



**Congratulations! You Have a Chance To Be The Leader in Your Area.
 The Time is Now! Start Dominating Your Market.**

World health issues emphasize how important it is to keep everything Clean & Sanitized.

Gross Income Opportunity Gross Income Opportunity Charts

ESTIMATED GROSS INCOME OPPORTUNITIES BASED ON \$19.95 PER CLEANING

TRASH CART CLEANING PER DAY	DAILY	WEEKLY	MONTHLY	CARTS CLEANED PER YEAR	GROSS YEARLY	HOURLY
25 TRASH CARTS PER DAY	\$498.75	\$2,493.75	\$10,806.25	6,500 CLEANING PER YEAR	\$129,675.00	\$62.34
50 TRASH CARTS PER DAY	\$997.50	\$4,987.50	\$21,612.50	13,000 CLEANING PER YEAR	\$259,350.00	\$124.69
75 TRASH CARTS PER DAY	\$1,496.25	\$7,481.25	\$32,418.75	19,500 CLEANINGS PER YEAR	\$389,025.00	\$187.03
100 TRASH CARTS PER DAY	\$1,995.00	\$9,975.00	\$43,225.00	26,000 CLEANINGS PER YEAR	\$518,700.00	\$249.38
125 TRASH CARTS PER DAY	\$2,493.75	\$12,468.75	\$54,031.25	32,500 CLEANINGS PER YEAR	\$648,375.00	\$311.72
200 TRASH CARTS PER DAY	\$3,990.00	\$19,950.00	\$86,450.00	52,000 CLEANINGS PER YEAR	\$1,037,400.00	\$498.75

ESTIMATED GROSS INCOME OPPORTUNITIES BASED IN \$14.95 PER CLEANING

TRASH CART CLEANING PER DAY	DAILY	WEEKLY	MONTHLY	CARTS CLEANED PER YEAR	GROSS YEARLY	HOURLY
25 TRASH CARTS PER DAY	\$373.75	\$1,868.75	\$8,097.92	6,500 CLEANING PER YEAR	\$97,175.00	\$46.72
50 TRASH CARTS PER DAY	\$747.50	\$3,737.50	\$16,195.83	13,000 CLEANING PER YEAR	\$194,350.00	\$93.44
75 TRASH CARTS PER DAY	\$1,121.25	\$5,606.25	\$24,293.75	19,500 CLEANINGS PER YEAR	\$291,525.00	\$140.16
100 TRASH CARTS PER DAY	\$1,495.00	\$7,475.00	\$32,391.67	26,000 CLEANINGS PER YEAR	\$388,700.00	\$186.88
125 TRASH CARTS PER DAY	\$1,868.75	\$9,343.75	\$40,489.58	32,500 CLEANINGS PER YEAR	\$485,875.00	\$233.59
200 TRASH CARTS PER DAY	\$2,990.00	\$14,950.00	\$64,783.33	52,000 CLEANINGS PER YEAR	\$777,400.00	\$373.75

ESTIMATED GROSS INCOME OPPORTUNITIES BASED IN \$9.95 PER CLEANING

TRASH CART CLEANING PER DAY	DAILY	WEEKLY	MONTHLY	CARTS CLEANED PER YEAR	GROSS YEARLY	HOURLY
25 TRASH CARTS PER DAY	\$248.75	\$1,243.75	\$5,389.58	6,500 CLEANING PER YEAR	\$64,675.00	\$31.09
50 TRASH CARTS PER DAY	\$497.50	\$2,487.50	\$10,779.17	13,000 CLEANING PER YEAR	\$129,350.00	\$62.19
75 TRASH CARTS PER DAY	\$746.25	\$3,731.25	\$16,168.75	19,500 CLEANINGS PER YEAR	\$194,025.00	\$93.28
100 TRASH CARTS PER DAY	\$995.00	\$4,975.00	\$21,558.33	26,000 CLEANINGS PER YEAR	\$258,700.00	\$124.38
125 TRASH CARTS PER DAY	\$1,243.75	\$6,218.75	\$26,947.92	32,500 CLEANINGS PER YEAR	\$323,375.00	\$155.47
200 TRASH CARTS PER DAY	\$1,990.00	\$9,950.00	\$43,116.67	52,000 CLEANINGS PER YEAR	\$517,400.00	\$248.75

ESTIMATED GROSS INCOME OPPORTUNITIES BASED IN \$8.95 PER CLEANING AT A WASTE FACILITY OR MUNICIPALITY

TRASH CART CLEANING PER DAY	DAILY	WEEKLY	MONTHLY	CARTS CLEANED PER YEAR	GROSS YEARLY	HOURLY
100 TRASH CARTS (3 HOURS)	\$895.00	\$4,475.00	\$19,391.67	26,000 CLEANINGS PER YEAR	\$232,700.00	\$111.88
125 TRASH CARTS (4 HOURS)	\$1,118.75	\$5,593.75	\$24,239.58	32,500 CLEANINGS PER YEAR	\$290,875.00	\$139.84
200 TRASH CARTS (5 HOURS)	\$1,790.00	\$8,950.00	\$38,783.33	52,000 CLEANINGS PER YEAR	\$465,400.00	\$223.75
300 TRASH CARTS (8 HOURS)	\$2,685.00	\$13,425.00	\$58,175.00	78,000 CLEANING PER YEAR	\$698,100.00	\$335.63

Huge Opportunities in the Waste Industries



Millions of filthy trash bins are melted down at plastic recycling plants, instead of being cleaned. This is costing waste facilities millions in unnecessary replacement costs. The solution is to outsource the trash bin cleaning services to contractors with the right Eco-friendly high-speed cleaning equipment.

TBCD Multitasking Cleaning Systems Runs Dozens of Optional Accessories.

