

**Built on Tradition**



**Highland Tank®**

## Wastewater Treatment & Containment System

Control Panel  
Drain



Highland Tank Corella®  
Oil/Water Separator

HighDRO® Double-Wall  
Wastewater Storage Tank

## Vehicle Maintenance Facility Wastewater Treatment & Containment System

HT-2515

### Advanced Protection for Sensitive Environments

The Highland Tank wastewater treatment and containment separator system is a complete solution for managing oily wastewater in environmentally sensitive areas. Combining our high-performance double-wall Corella® Oil/Water Separator with a watertight, secondary-contained High-DRO® wastewater holding tank.

This system ensures zero liquid discharge to the environment—protecting groundwater, drinking water supplies, and sensitive ecosystems.

Unlike conventional systems, Highland Tank's wastewater treatment and containment system is specifically engineered for facilities where discharge to the ground or sewer is prohibited. This makes it the ideal solution for vehicle maintenance facilities, fueling areas, and other regulated applications located near sole-source aquifers and coastal zones.

### How It Works

1. Separation – The Corella® Oil/Water Separator removes oil, grease, and floatables from wastewater generated in garages, fueling areas, and vehicle wash facilities.
2. Containment – Instead of discharging effluent to the ground, leaching systems, or storm drains, the treated wastewater flows into a sealed, tight tank with no outlet.
3. Removal – Wastewater is safely stored until it is pumped out by a licensed hauler and transported to an approved treatment facility.

This closed-loop design ensures zero discharge to the environment.

## Key Features

- **Zero Discharge Protection – No infiltration or exfiltration; prevents pollutants from reaching aquifers.**
- **Secondary Containment – Double-wall design with optional electronic leak detection ensures maximum safety.**
- **Regulatory Compliance – Meets or exceeds EPA, SPCC, and stricter state/local codes (e.g., NYSDEC, Suffolk County).**
- **Custom Engineered – Tailored configurations, including Series-J separators with pump-out chambers, can be designed for site-specific flow rates, soil conditions, and high groundwater tables.**
- **Durable Construction – Built to withstand the toughest operating conditions for long service life.**

## Advantages

### Zero Discharge to the Environment

Unlike septic systems, tight tanks are fully sealed, non-permeable, and have no outlet. Wastewater is safely stored and periodically removed - eliminating the risk of groundwater contamination.

### Protection of Sensitive Ecosystems

Highland Tank's separator and tank system helps to safeguard delicate environments such as bays, estuaries, and wetlands, where nitrogen limits and sole-source aquifers prohibit traditional wastewater discharge.

### Compliance with Regulations

This system helps users avoid costly fines and regulatory issues with a design that complies with the most stringent environmental standards. Real-time monitoring with Highland Tank's High-LINK® Technologies provides additional peace of mind.

### Custom-Built For Your Facility

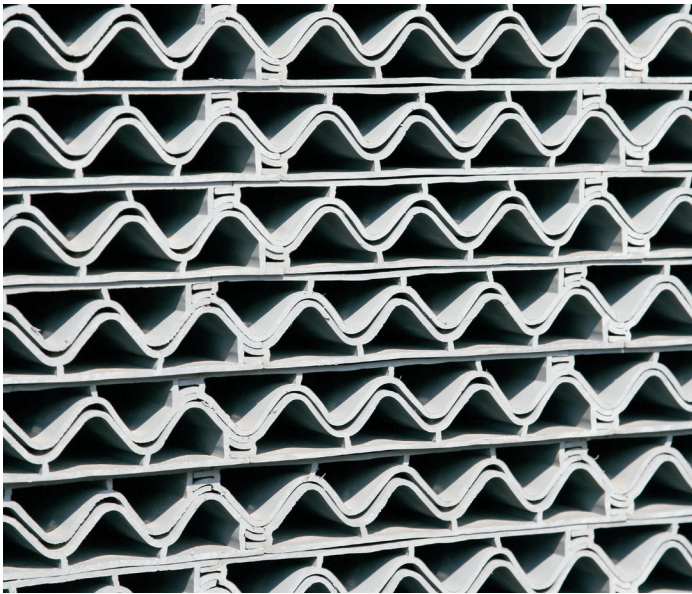
Every system is engineered to meet site-specific requirements, delivering the right balance of performance, reliability, and environmental stewardship.

## Robust Environmental Protection

For facilities near environmentally sensitive regions, the wastewater treatment and containment separator system provides robust environmental protection, regulatory compliance, and operational efficiency.

With Highland Tank's advanced separation technology, durable tank construction, and customizable solutions, you can confidently protect local water supplies and ecosystems while meeting the needs of your industrial or commercial operation.



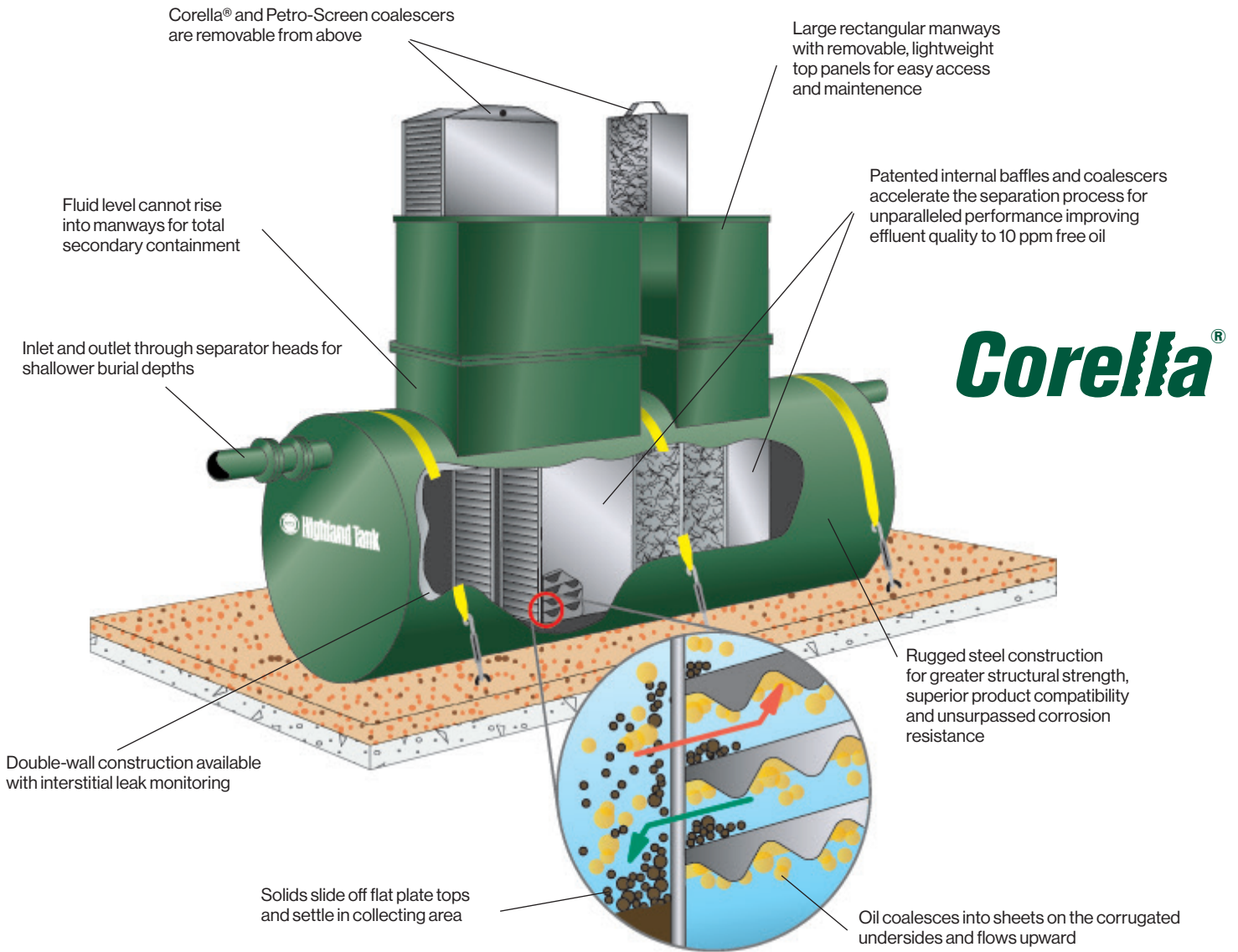


**Corella® The Newest Advancement in Oil/Water Separation Technology**

The Corella® Coalescer is a removable, inclined parallel, flat/corrugated plate coalescer that enhances separation of both oil and solids from all strata of the wastewater stream. It is individually engineered to specific application and job-site requirements to maximize utility.

◀ **Patented Corella® technology**

**Corella® - Cleaner. Safer. Smarter.**



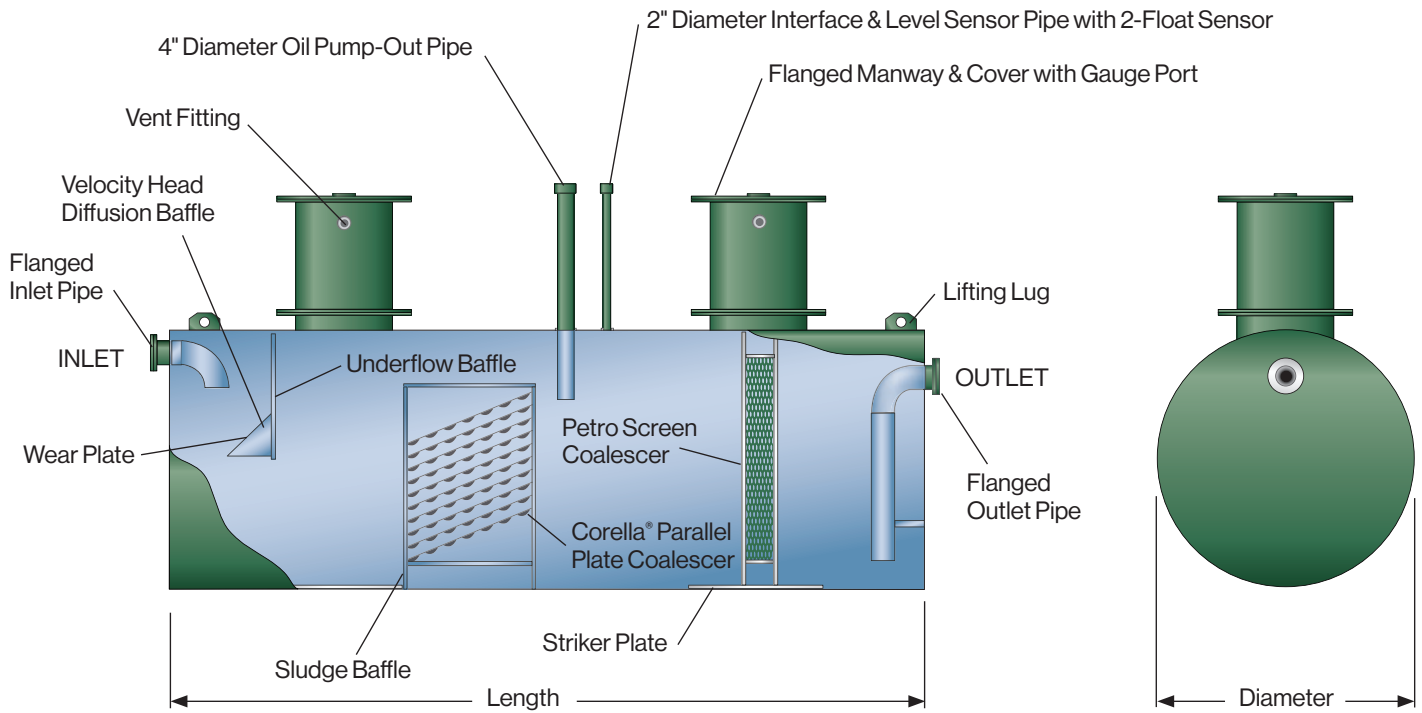
**Corella®**

**UL-2215 LISTED**



**Highland Tank®**

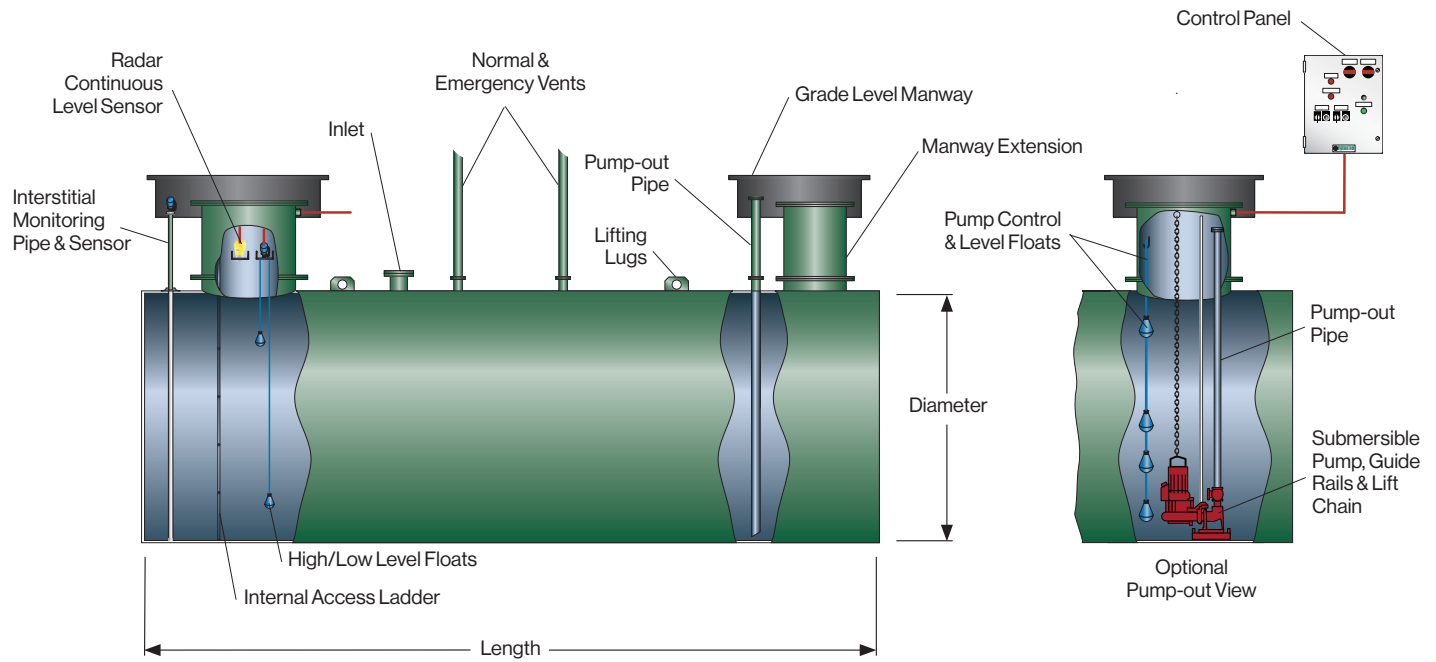
# Oil/Water Separator Drawing & Details



Model HT or HTC	Flow Rate Gal/Min	Recommended Total Volume Gallons	Oil Pump-Out Gallons	Nominal Dimensions		Inlet & Outlet Diameter
				Diameter	Length	
350	35	350	70	3'-6"	6'-0"	4"
550	55	550	110	3'-6"	7'-9"	4"
1,000	100	1,000	200	4'-0"	10'-9"	6"
2,000	200	2,000	400	5'-4"	12'-0"	6"
3,000	300	3,000	600	5'-4"	18'-0"	8"
4,000	400	4,000	800	5'-4"	24'-0"	8"
5,000	500	5,000	1,000	6'-0"	23'-10"	8"
6,000	600	6,000	1,200	6'-0"	28'-8"	10"
7,000	700	7,000	1,400	7'-0"	24'-4"	10"
8,000	800	8,000	1,600	7'-0"	28'-0"	10"
9,000	900	9,000	1,800	8'-0"	24'-0"	12"
10,000	1,000	10,000	2,000	8'-0"	26'-8"	12"
12,000	1,200	12,000	2,400	8'-0"	32'-0"	12"
15,000	1,500	15,000	3,000	10'-0"	25'-6"	14"
20,000	2,000	20,000	4,000	10'-6"	31'-0"	16"
25,000	2,500	25,000	5,000	10'-6"	38'-9"	18"
30,000	3,000	30,000	6,000	10'-6"	46'-6"	20"
40,000	4,000	40,000	8,000	12'-0"	47'-3"	24"
50,000	5,000	50,000	10,000	12'-0"	59'-6"	24"
60,000	6,000	60,000	12,000	13'-0"	60'-6"	24"

Plate spacing and orientation may vary depending on site conditions. Custom sizing is available. Consult Highland Tank for Series G & J sizing information.

# Wastewater Storage Tank Drawing & Details



Underground model shown. Aboveground versions available in the same range of sizes with custom sizing and design available.

Stainless steel construction is also available. These tanks withstand the wider range of temperatures, chemicals and pH factors encountered in industrial applications.

Highland Tank has extensive experience in the design, manufacture and installation of wastewater storage tank systems.

Volume Gallons	Nominal Inside Dimensions	
	Diameter	Length
*1,000	5'-4"	6'-0"
1,500	5'-4"	9'-0"
2,000	5'-4"	12'-0"
2,500	5'-4"	15'-0"
3,000	5'-4"	18'-0"
4,000	5'-4"	24'-0"
4,000	6'-0"	19'-0"
4,000	8'-0"	10'-8"
5,000	6'-0"	23'-10"
5,000	8'-0"	13'-4"
6,000	6'-0"	28'-8"
6,000	8'-0"	16'-0"
8,000	10'-0"	14'-0"

Volume Gallons	Nominal Inside Dimensions	
	Diameter	Length
8,000	8'-0"	21'-4"
10,000	10'-0"	17'-0"
10,000	8'-0"	26'-8"
12,000	10'-0"	20'-6"
12,000	8'-0"	32'-0"
15,000	10'-0"	25'-6"
15,000	8'-0"	40'-0"
20,000	10'-0"	34'-0"
20,000	10'-6"	31'-0"
25,000	10'-6"	38'-9"
30,000	10'-6"	46'-6"
40,000	12'-0"	47'-6"
50,000	12'-0"	59'-6"

\* Single-wall only. All Highland Tank storage tank drawings are available for viewing or downloading in PDF or AutoCAD DXF format at [highlandtank.com](http://highlandtank.com)



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