

3.4 POST CONSTRUCTION STORMWATER CONTROL FACT SHEETS (PTP)





Approach	Cover and Contain In situations where the grease collection dumpster is located outside, overhead cover in the form of a canopy and containment, via a curb system is recommended.
	Treat and Discharge For situations where grease has the potential to be released to the ground, a treat and discharge solution is recommended. This could be accomplished by installing a BMP such as a water quality unit (PTP-06) or another BMP designed to remove oils and greases.
	Internal Grease Management An internal collection system is a closed-loop, grease and oil collection system that utilizes two storage tanks, one each for fresh oil and waste oil. The system directly connects the flow of fresh oil to kitchen oil fryers. Once this oil has been used, the system can directly pump new oil in while the used oil is pumped out. Waste oil and grease is then drained through a filter and to the waste oil storage tank.
Maintenance	 A maintenance and operation plan must be submitted for grease management structures that specifically addresses the following items: Inspect storage area weekly and following rainfall events Repair or replace containment structures, perimeter controls, or storage bin as needed
	Sloped Cover Grease Collection
	Figure PTP-07- 1 Containment for grease disposal



Management Alternatives
 Exterior containment of grease is one management solution, but other management solutions exist. Alternative grease management techniques that are available include internal collection systems (shown in Figure PTP-07-02). These systems, if properly maintained and installed, may be better suited for restaurants or other food preparation facilities that utilize deep fryers or other cooking equipment using large quantities of oil. These systems are often preferred to minimize spills, transfer containers, and related employee injuries.
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The system is metered by a service provider who monitors need for delivery of new oil and removal of waste oil. This is performed through a pump system and directly transferred to the delivery/removal truck.

Although the City of Bowling Green does not endorse specific brands or products, one example of an internal collection system manufacturer and provider is Restaurant Technologies, Inc. (RTI). More information about RTI products can be found on their website, <u>www.rti-inc.com</u>.



Figure PTP-07- 2 Internal Grease Collection System