



# Composting

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Water Bureau Permitting  
Requirements

# Permit Requirements for lined facilities

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If pad, runoff collection, and basin are lined and no discharges to surface waters or groundwater:

Stormwater permit	No
NPDES discharge permit	No
Groundwater discharge permit	No

Liner requirements: Determination to be finalized

# If storm water, leachate (waste water) collected and recycled back to windrows/piles-unlined

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Even without a liner design must facilitate collection

Storm water permit	No
NPDES discharge permit	No
Groundwater discharge permit	Yes*

\* Permit requirement based on total size and/or density.

# If storm water, leachate (waste water) collected and recycled back to windrows/piles-unlined

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Groundwater permit requirements:

Determine groundwater flow direction  
Groundwater Monitoring requirements based on feedstock

Management, design, soils, feedstock could affect type and amount of monitoring required

Threshold for requirements to be determined



## Storm Water vs Process Water (leachate)

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Stormwater & NPDES requirements:

If storm water comes into contact (leachate) with windrows/piles, etc., NPDES Permit required if discharge to surface water.

Storm water runoff from other industrial areas such as equipment lots, maintenance areas etc. may still require a storm water permit



# Process waste water discharge to surface water

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NPDES permit requirements:

Characterization of wastewater  
sampling requirements

# Minimum parameters of concern

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## Groundwater:

BOD<sub>5</sub> (metals)

TIN

TP

DO

TSS

TDS

pesticides

## NPDES:

Part 4, Part 8

NH<sub>3</sub>

BOD<sub>5</sub>

DO

TSS

TDS

varies depending of  
receiving water body  
size, type, location,  
sensitivity

Parameters of concern also vary with feedstock

## Permit fees

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NPDES application 75.00

Storm water permit 260.00/annually

NPDES individual permit 1,650

NPDES general permit 150

Groundwater permit \*: 3650/1,500

\* no application fee



## Additional notes

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Groundwater, NPDES and stormwater requirements include certified operator

At this time there are no operational practices in lieu of groundwater monitoring

# Questions

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Groundwater

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