

# Types of Reuse

## General Fill

Consisting of soil, sand, gravel or rock that meets residential and ground-water protection soil standards can be reused anywhere it meets engineering specifications, except on undeveloped or agricultural crop land.

## Restricted-Use Fill

Contains up to 40% historic fill and meets Gen. Fill chemical concentration limits with relaxation for semi-volatile organic compounds can be reused for highway embankments or materials in transportation corridors.

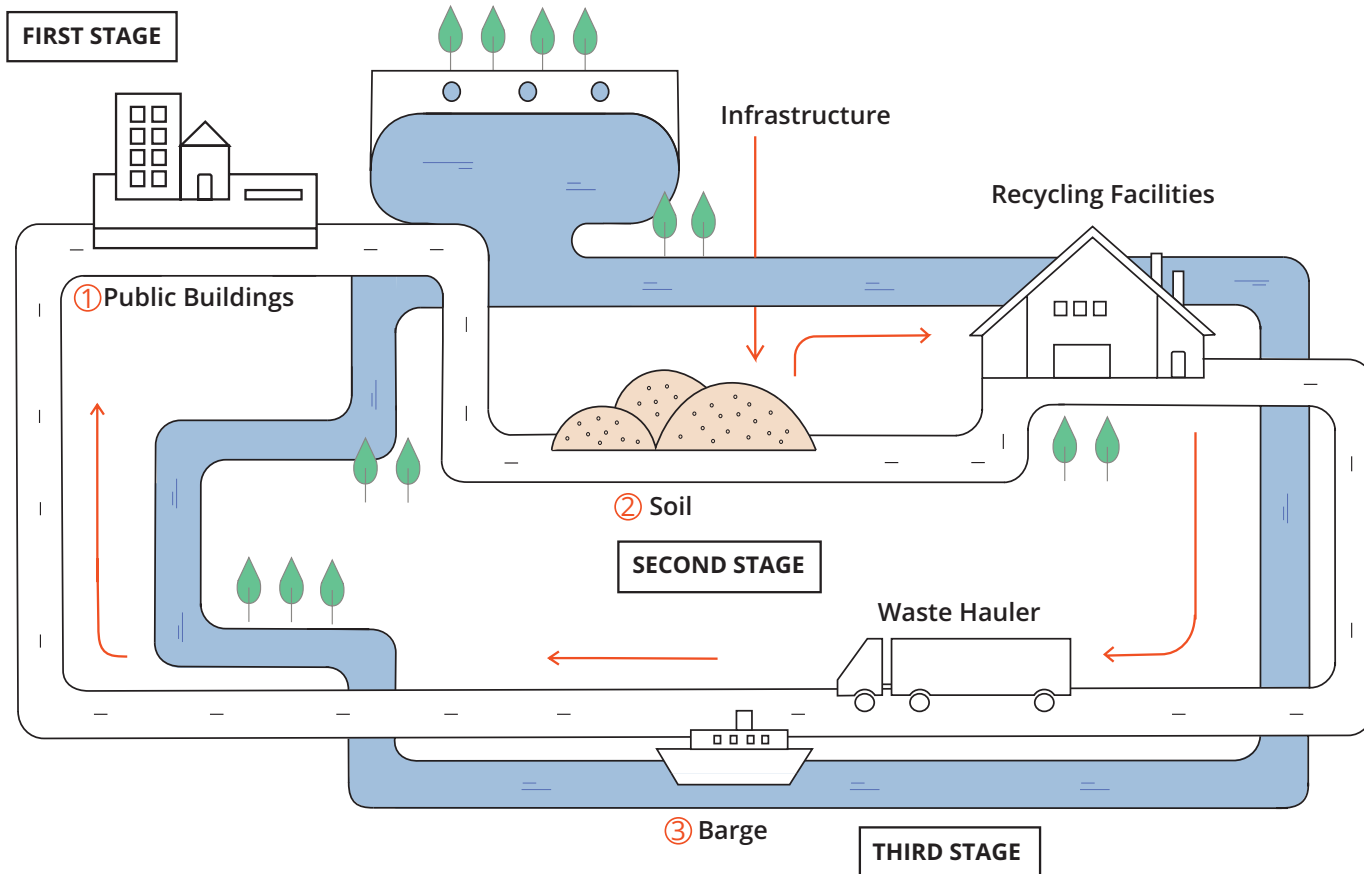
## Limited-Use Fill

Any fill that meets General Fill chemical concentration limits with a relaxation for metals up to restricted commercial soil standards can be used under pavements or foundations.

## Reuse on Site

Fill can be used as backfill for the excavation from which it was taken or as fill in areas of similar physical characteristics on the same project site.

# The Soil Loop



## What is B.U.D.?

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### ① Integration into Public Buildings & Infrastructure

This is integrated into infrastructure such as firehouses, libraries, schools, police precincts, and more.

### ② Excavation, Sire Creation & New Construction

Fill generated in New York City is allowed to be reused in four different ways.

### ③ Transportation to New Site

Soil that has gained the BUD certification and is ready for reuse is transported by either a barge or waste hauler.





## Keeping NYC Green

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## Why Soil?

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## The Benefits

The benefits of closing the soil loop is most effectively done by expanding re-use of reduction in construction costs. For taxpaying public, this means lower capital costs or more projects with the same amount of money. CO<sup>2</sup> emissions from trucking new soil into the city from outside the metropolitan area and reduces landfill use.



Learn More:

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Pratt Institute, COMD Design Corps. 2019, Peg Smith



# What New York Is Built On

Closing the Soil  
Loop from One  
Borough to  
Another