

The Gowanus Canal Conservancy

(GCC) is a Brooklyn-based environmental organization that was formed to advocate for the restoration and green development of the Gowanus Canal. The GCC's work focuses on improving the water quality and environmental integrity of the Gowanus Canal and its watershed. The GCC hosts community and public education programs and organizes monthly public stewardship "Clean & Green" volunteer events. Through engagement facilitated by the GCC residents have become passionate about the Canal and knowledgeable about its history, ecology and social value. Direct action stewardship programs have fostered a sense of ownership for the canal - made evident by the hundreds of volunteers who have participated in GCC events.



Environmental Stewardship





Gowanus Canal
CONSERVANCY





STATEN
ISLAND

NEW JERSEY

MANHATTAN

QUEENS

BROOKLYN



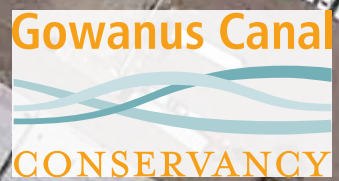


DSNY/GCC Site

Google



DSNY/GCC Salt lot



The salt lot



The Beginning

- Started with 4 pallet bins, ~1CY per bin
- Partnered with 3 businesses and 1 CSA
- Hauled ~450 pounds each weekend by bicycle trailer
- Taught the basics of composting at 6 monthly stewardship events in 2011

Shared Space



June 2011

- 4,500 SF dedicated to Conservancy's stewardship work
- Street trees & shrubs in nursery for planting projects in the area



September 2012

Partnered with GrowNYC Dec. 2011

Greenmarket diversion to local composters (432 tons in 2012)

Earth Matter

13.3%

NYRP

11.3%

Project Eats

11.5%

Red Hook

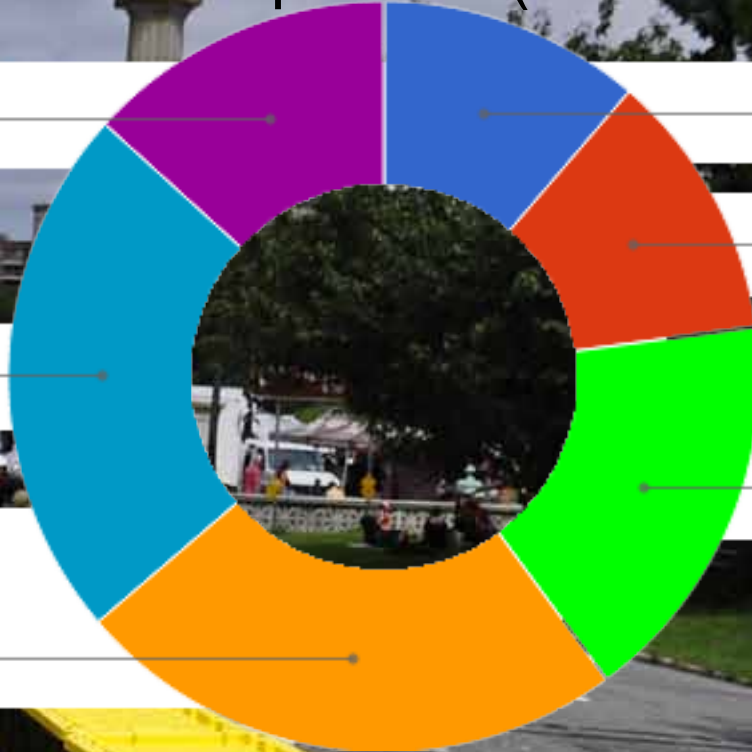
23%

BIG Compost

17%

Gowanus
Canal
Conservancy

23.8%





- 50 tons of food-scrap received since January 2012
- 25 tons of finished compost produced



Council Member Brad Lander - 39th District
 Carroll Gardens - Cobble Hill - Columbia Waterfront - Gowanus -
 Kensington - Windsor Terrace - And parts of Borough Park and Park Slope



J Brooklyn Neighbors Composting

Pest-free, smell-free compost system uses 1 ton/day of our food waste to create rich soil for our gardens, parks, homes and trees.



Cost \$165,000

Location The Sanitation Department site at 2nd Ave & 5th St, used with permission by the Gowanus Canal Conservancy.

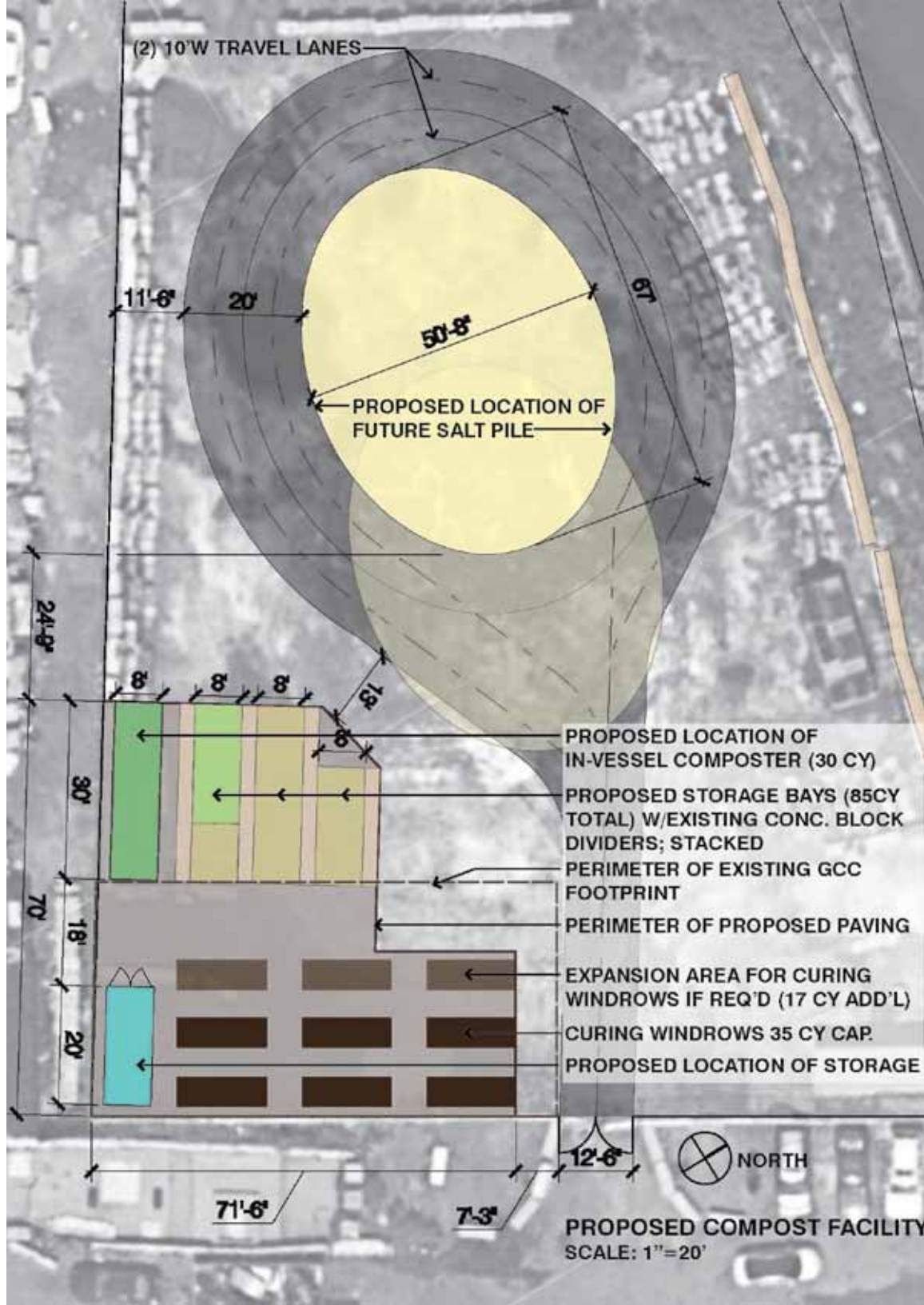
Who Benefits

All community residents and public schools harness the benefits of our own food waste and reduce the harms of shipping it out-of-state.

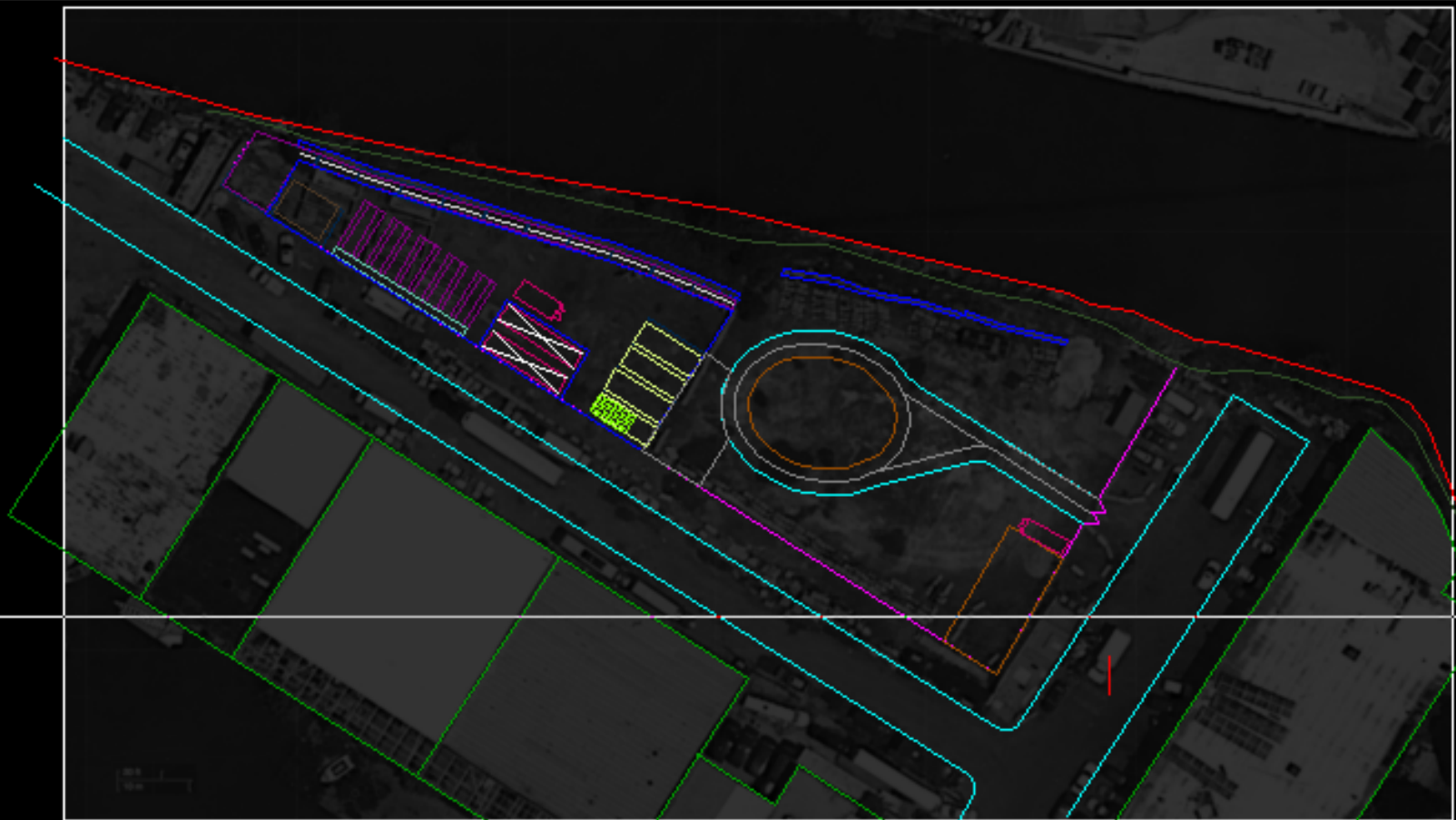
Project Description

We help stop the harmful impact of transporting our food waste out-of-state, and instead drop our compostables at neighborhood farmers markets. Waste is locally processed in a 30-foot closed container, which creates compost for our street trees, gardens, homes and parks.





Revising site plans



OPTION 1

UTILIZING TWO IN-VESSEL UNITS EACH UNIT SPLITS WEEKLY LOADS OF 35 YARDS. ONCE RUNNING, APPROXIMATELY 26 CY OF MATERIAL IS EMPTIED WEEKLY AND WINDROWED ON FORCED AERATION TO CONTINUE AEROBIC COMPOSTING FOR 5 WEEKS.

32 TONS GREENS/MONTH ON 11,000SF

Area of trapezoidal pile
 $A = ((\text{Top} + \text{Base}) / 2) \times \text{Height}$
 $5' + 10' / 2 = 7.5' \times 5' = 37.5 \text{ SF}$

$30' \text{ (windrow length)} \times 37.5 \text{ SF} = 1125 \text{ CF} = 41 \text{ CY}$

Gowanus Canal

CONSERVANCY

EXISTING / OPTION1 / **OPTION2** / OPTION3

SNAP GRID ORTHO POLAR OSNAP OTRACK DUCS DYN LWT

Hurricane Sandy



The clean-up





Going forward

- Complete Lander funded project
- Develop a robust compost program (operations, public outreach and educational workshops)
- Build a financially sustainable model
- Distribute finished product for the cleaning and greening of the Gowanus Canal Watershed area



Contact us

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