

MSD Project Clear (MSDPC) is making a significant investment to improve air quality in the St. Louis region by updating the biosolids facilities at the Lemay and Bissell Point Wastewater Treatment Plants. MSDPC's new facilities will use modern, more efficient, and more environmentally friendly processes, resulting in significantly cleaner air.

Design Update

The design team, led by Crawford, Murphy, and Tilly (CMT), reached the important 90% completion point in September. The milestone put in place equipment specifications, site layouts, and piping configurations. Design reflects both the operational goals of MSD Project Clear and compliance with federal and state environmental regulations.

Construction Update

The construction team, led by Kokosing/Plocher (KP), has completed these critical tasks:

- Site preparation and groundbreaking
- Acquisition of phased building permits from St. Louis County (Lemay) and the City of St. Louis (Bissell) for foundations and steel superstructure of the Solids Processing Buildings (SPB)
- Basement foundation excavation for the new Solids Buildings at both locations
- First two incinerator reactors have been fabricated and are awaiting shipment and received delivery of the first heat exchanger

With the design-build approach, construction is able to begin while project design is still in progress.

WHAT IS COMING UP NEXT?

- 100% design is expected in early 2025.
- Procurement has begun for equipment such as motor control centers, switchgear, process equipment, HVAC equipment. Ordering these items well ahead of construction is needed to make sure they can be installed on time.
- Construction work will include deep foundation installation and reinforced concrete construction.



Bissell Wastewater Treatment Plant, October 2024: Solids Processing Building excavation and foundation construction. Completed elevator pit visible in center of basement.



Lemay Wastewater Treatment Plant, October 2024: Solids Processing Building (SPB) basement and interconnecting tunnel excavation.

PROJECT TIMELINE



NEIGHBORHOOD IMPACT

Residents, workers, and travelers may notice the continuation of these impacts:

- Noise of equipment working. Standard hours for construction are 7:00a-3:30p Monday through Friday.
- Staging of equipment at various locations on the site.
- Increase in construction traffic.



*Lemay Wastewater Treatment Plant:
Rendering of completed Solids Processing
Building. No smoke stacks!*



*Rendering of the proposed solids treatment
facility changing the landscape at the Bissell
Treatment Plant.*

SMU Project Team makes a difference along the Mississippi Greenway

On Friday, October 11th, volunteers from the Solids Management Upgrade (SMU) Project Team joined forces with Great Rivers Greenway (GRG) for a cleanup along the Mississippi Greenway near the Bissell Wastewater Treatment Plant. The effort focused on gathering trash and preparing the area for the Mary Meachum Celebration, hosted by GRG the following week.



"The cleanup event was a great way for MSD Project Clear to be a good neighbor and give back to the community."

Bess McCoy
Manager of Public Affairs

The success of the volunteer effort demonstrates the positive impact that partnerships between organizations like MSD Project Clear and GRG can have on the community. Thanks to everyone who participated!



CONTACT INFORMATION

Bess McCoy, Manager of Public Affairs
MSD Project Clear
Phone: (314) 768-6243 | Email: emccoy@stlmsd.com