

**LOWER MANHATTAN FEDERAL TRANSPORTATION RECOVERY PROJECTS
COMMON ENVIRONMENTAL PERFORMANCE COMMITMENTS**

These common environmental performance commitments are made by the Project Sponsors accepting the Environmental Analysis Framework for Federal Transportation Recovery Projects in Lower Manhattan. As noted in the Environmental Analysis Framework, actual requirements and specifications implementing the commitments will be set forth in each Project Sponsor's public involvement and governmental entities coordination plan, construction environmental protection plan, design documents and contracts.

Air Quality:

<u>Proposed Commitments</u>
Use ultra low sulfur diesel fuel in off-road construction equipment with engine horsepower (HP) Rating of 60 HP and above.
Where practicable, use diesel engine retrofit technology in off-road equipment to further reduce emissions. Such technology may include Diesel Oxidation Catalyst/Diesel Particulate Filters, engine upgrades, engine replacements, or combinations of these strategies.
Limit unnecessary idling times on diesel powered engines to 3 minutes.
Locate diesel powered exhausts away from fresh air intakes.
Control dust related to construction site through a Soil Erosion Sediment Control Plan that includes, among other Things: <ul style="list-style-type: none"> a. Spraying of a suppressing agent on dust pile (non-hazardous, biodegradable); b. Containment of fugitive dust; and c. Adjustment for meteorological conditions as appropriate.

Noise and Vibration:

<u>Proposed Commitments</u>
Where practicable, schedule individual project construction activities to avoid or minimize adverse impacts.
Coordinate construction activities with projects under construction in adjacent and nearby <u>locations to avoid or minimize impacts.</u>
Consider condition of surrounding buildings, structures, infrastructure, and utilities where <u>appropriate.</u>
Prepare contingency measures in the event established limits are exceeded.

Cultural and Historic Resources:

<u>Proposed Commitments</u>
Establish coordination among projects to avoid or minimize interruption in access to cultural and historic sites.
Initiate public information and involvement outreach with sensitivity to local cultural resources.
Identify public information outlets that will receive and provide current information about access during construction.
Consult with the New York State Office of Historic Preservation and the New York City Landmarks Preservation Commission regarding potentially impacted, culturally significant sites. Monitor noise and vibration during construction at such sites as appropriate.

Access and Circulation

<u>Proposed Commitments</u>
Establish a project-specific pedestrian and vehicular maintenance and protection plan.
Promote public awareness through mechanisms such as:
a. Signage;
b. Telephone hotline; and
c. Web site updates.
Ensure sufficient alternate street, building, and station. access during construction period.
Regular communication with New York City Department of Transportation and participation in its construction coordination efforts

Economic Effects

<u>Proposed Commitments</u>
Coordinate with LMDC, Downtown Alliance or other entities to minimize residential and retail impacts as required through:
a. Relocation assistance, as applicable, to persons or businesses physically displaced by the project; and
b. Focus on essential businesses and amenities to remain in Lower Manhattan.
Add appropriate signage for affected businesses and amenities

Design for the Environment:

<u>Proposed Commitments</u>
Energy Efficiency/Renewable Energy
Enhanced Indoor Environmental Quality IE
Conserving Materials and Resources
Environmentally friendly Operations &. Maintenance
Water Conservation and Site Management
Waste Management and Recycling (including during construction)

