

STORMWATER MANAGEMENT AT CONSTRUCTION SITES

As a small municipality, the City of West Lake Hills maintains certain water quality standards to comply with requirements from the Texas Commission on Environmental Quality (TCEQ).

Responsible stormwater protection at construction sites is a key part of protecting our natural waterways. It is the duty of contractors and owners of construction projects to adhere to the guidelines in City code, which are summarized here.

EROSION & SEDIMENTATION CONTROLS

According to City code Sec. 22.03.392:

- ❖ No site or construction plan shall be approved unless it shows all improvements reasonably required to prevent erosion during and after completion of development.
- ❖ No permanent certificate of occupancy shall be issued unless the improvements shown on the site plan have been installed, constructed or created and erosion is effectively controlled.

CONSTRUCTION PLAN REVIEW

- ❖ As noted in the City's Stormwater Management Plan, the City will review all site work construction plans for appropriate mitigation of impact.

BEST MANAGEMENT PRACTICES

- ❖ Written stormwater management best management practices (BMPs) must be maintained on site.

SOIL STABILIZATION

According to the City of West Lake Hills Drainage and Erosion Control Design Manual:

- ❖ Required temporary erosion control measures are to be installed prior to commencing construction and shall remain in place until vegetation is established and the construction area is stabilized.
- ❖ Maximum use shall be made of vegetation to minimize soil loss. Vegetation measures should begin as soon as possible during construction in order to allow for establishment at construction termination.

PROHIBITED DISCHARGES

As noted in the City's Stormwater Management Plan, the following discharges are prohibited:

- ❖ Wastewater from washout of concrete and wastewater from drilling operations, unless managed by an appropriate control
- ❖ Wastewater from washout and cleanout of stucco, paint, release oils, and other construction materials
- ❖ Fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance
- ❖ Soaps or solvents used in vehicle and equipment washing
- ❖ Discharges from dewatering activities, includes discharges from dewatering of trenches and excavations, unless managed by appropriate BMPs

SITE INSPECTIONS & ENFORCEMENT

As noted in the City's Stormwater Management Plan:

- ❖ The City inspects erosion and sedimentation controls at construction sites on a minimum frequency of once per month during active construction, to ensure control measures have been selected, installed, implemented, and maintains according to requirements.
- ❖ The City inspects sites in response to complaints and conducts follow-up inspections to ensure that corrective measures have been implemented by the responsible party.
- ❖ The City requires annual post-construction inspections and report from project engineers in compliance with the City code.

IF YOU SEE SOMETHING, SAY SOMETHING:

- ❖ If you notice an illicit discharge from a construction site, please call 512-327-3628 so the report can be investigated.

For more information about how the City of West Lake Hills is working to protect the quality of our stormwater, visit: <https://www.westlakehills.org/228/Stormwater-Pollution-Education-and-Aware>



