

6.0 Mitigation

6.1 General

No adverse impacts of the implementation of the proposed projects are foreseen.

6.2 Short-Term Construction-Related Mitigation

The following are the short term impacts and their mitigation.

Vehicular Traffic: There will be increased traffic due to construction vehicles. These impacts will be alleviated by proper scheduling of construction vehicle trips during non-peak hours, and efficient management of traffic controls around work areas.

Soil Erosion: Appropriate soil erosion and sedimentation control measures, including staggering of construction activities, will be implemented as required, prior to construction.

Storm Water Management: Before initiating any new construction, development, redevelopment, or land use change regulated by Chapter 29 of the City's Code of Ordinances, an applicant is required to obtain a storm water permit.

6.3 Mitigation of Long-Term Impacts

6.3.1 General Construction

Soil erosion and sedimentation control measures will be utilized while the construction activities are in progress. Soil erosion and sedimentation control measures will also be used while performing any maintenance activities along the gas pipelines. The construction activities will be conducted in suitable weather and appropriate vehicle and equipments will be employed to perform the construction and maintenance activities.

6.3.2 Siting Decisions

The installation of the gas pipelines is proposed along the existing road right-of-ways, and easements along public roads and residential driveways. The generator is proposed to be installed in the premises of the wastewater treatment plant. Thus, there is no irreversible alteration or damage to any additional area or other sensitive features caused as an impact of the proposed project.

6.3.3 Operation Impacts

Considering the location of the generator installation, no operational impacts are foreseen due to the proposed project.

6.4 Mitigation of Indirect Impacts

6.4.1 Master Plan and Zoning

The proposed project has no impacts on any historical features or neighborhoods, agricultural lands, wetlands, floodplains, stream banks, shorelines or other such sensitive features.

6.4.2 Ordinances

Proper soil erosion and sediment control measures will be employed in compliance with the applicable ordinances during construction. The noise levels, odor levels and air pollution from dust, general combustion sources and construction vehicle emissions will be maintained under the allowable levels.

6.4.3 Staging of Construction

The installation of the gas pipelines will be done in stages to alleviate inconvenience to the residents in terms of construction traffic disturbances, noise, pollutions etc.