

Subject: **ADVISORY LETTER, TAMPA BAY WATER SOUTH  
HILLSBOROUGH PIPELINE PROJECT, HILLSBOROUGH  
COUNTY, FLORIDA (SSI JOB No. 25-2035)**

Dear Resident,

Seismic Surveys, LLC (SSI) has been engaged by Garney Construction to support the upcoming construction activities for the South Hillsborough Pipeline. During construction, crews will use machinery and equipment that causes vibration that you may notice for brief periods of time in your home or business. Please be assured that vibration levels will remain well within established safety limits for residential and commercial structures.

Vibratory equipment generates ground vibrations that travel outward from the work area in the form of vibration waves, which naturally dissipate with distance. Extensive studies conducted by the United States Bureau of Mines have established vibration limits designed to protect homes and businesses from construction activity. The vibration thresholds for this project are set well below these values to provide an added margin of protection for nearby residential and commercial buildings. For example, if your structure has small pre-existing cracks, it would take vibration levels significantly higher than those expected during the project to cause those pre-existing cracks to show slight separation.

To ensure compliance with the project limits, SSI will install vibration monitoring instruments near the active work areas. These monitors continuously measure vibration levels during all vibration-generating activities. If vibration levels approach the allowable project thresholds, automated alerts are sent to SSI and Garney Construction personnel so work can be adjusted immediately if needed. This monitoring provides a reliable, objective record of vibration levels—much more accurate than human perception—and ensures operations remain within safe limits.

If you have any questions about the vibration monitoring program, please contact the project team at [SHPinfo@tampabaywater.org](mailto:SHPinfo@tampabaywater.org) or (813) 485-6480. Thank you for your patience and understanding throughout this project. SSI is committed to ensuring vibration levels remain safe and fully compliant with project requirements.

Sincerely,

**SEISMIC SURVEYS, LLC**