Safe Work Procedure		Tilling (Gas-Powered Manual)	
Department / Area: Physical Plant Services	Approved By: Regional Manager of Physical Plant Services	Date Created: September 5 2014	Review Date: Revised date:

Potential Hazards:
Fill in those that apply

H	M	L	Risk for Injury
☒	☐	☐	Combustibles / flammables – gas, oil
☐	☒	☐	Noise
☐	☒	☐	Forceful exertions – uneven terrain
☐	☐	☒	Awkward / Sustained postures – forward lean
☐	☐	☒	Surfaces causing falls – rough terrain
☐	☐	☒	Rotating tynes
☐	☐	☒	Vibration – hand, arm – increases with time
☐	☐	☒	Extreme heat
☐	☐	☒	Dirt / Dust

Personal protective equipment / devices required / other safety considerations:
➢ Appropriate closed toe footwear
➢ Hearing Protection
➢ Gloves when operating and cleaning
➢ Wear long pants
➢ No electronic devices when operating tiller
➢ Safety Glasses

Training / Reference Information:
➢ SCHIPP Module 1 training
➢ Department Orientation
➢ Operator's Manual

Note: Signs and symptoms of a musculoskeletal injury (MSI) can include pain, burning, swelling, stiffness, numbness/tingling, and/or loss of movement or strength in a body part. Report these to your supervisor.

Employers must ensure that workers are trained and follow this safe work procedure.
Steps to perform this task safely:
➢ Ensure all shields and guards are in place and working properly.

➢ Avoid unnecessary engine idling in enclosed spaces such as sheds or garages.

➢ Avoid tilling areas close to where people are present.

➢ Put up barriers and signage if required.

➢ Make best efforts to clear the area to be tilled.

➢ Watch for hidden hazards such as holes, roots, drain pipe, or insect nests. Use caution around low hanging branches and shrubs.

➢ Only reach under the machine when it is turned off and tynes have stopped turning.

➢ Do not touch hot motor parts or spray cold water on a hot engine.

➢ Do not make adjustments or refuel while the engine is running.

➢ Do no leave a running tiller unattended.

➢ Refuel in a well-ventilated, level area and allow engine to cool at least 10 minutes or as per operating manual prior to refueling.