

DO YOU KNOW WHAT MONTGOMERY TOWNSHIP PUBLIC WORKS IS DOING FOR THE ENVIRONMENT?

- **SOLAR TRASH COLLECTORS**

Why? To reduce the number of pick ups regular garbage containers require.

How? A solar powered mechanism compacts the trash. The solar trash collector can hold up to 4-5 times the volume of a regular trash bin.

AND

It tracks compaction and signals when it's full and pick up is necessary.

RESULT

Saves personnel time, fuel consumption and mileage on trucks.

LOCATIONS: Bus stop opposite ShopRite on 206, Van Horne Park, Hobler Park, Montgomery Park (2), Montgomery Arboretum, and Mill Pond Park



- **COMPOST TEA ***

Why? To eliminate the use of all fertilizers and pesticides on public land in areas of passive recreation (at present approx. 20 acres).

How? Uses a formula developed and used by Harvard University that combines water, compost, molasses, kelp, organic fish fertilizer which is "brewed" so that beneficial organisms grow.

RESULT

High cost of fertilizers and pesticides eliminated. Improved water quality from eliminating run-off of pesticides and fertilizers, eliminates health risks to personnel and residents.

* Use of compost tea is in early stages of development, eventually the goal is to use it on all 140 acres of passive recreation **AND** athletic fields.

- **ROAD BRINING ****

Why? Reduce the cost and environmental impact of salt on the roads, reduce the potential of roads becoming icy and make the clearing of roads of snow easier, faster and more efficient.

How? Uses beet juice in combination with a salt brine to pre-coat the roads prior to a storm. Snow activates the salt reducing snow from sticking and ice from forming. Particularly effective at lower temperatures.

RESULT

Lower cost of materials, lower cost of personnel time required in clearing roads, less danger to motorists. Roads can require clearing less frequently. Reduces salt run-off, safe for animals.

** Beet juice is the product left over from sugar beets, it helps the brine stick to the roads; it extends the life cycle of the salt brine sprayed on the roads. Public Works plans on an average of 5 storms/year. Treatment with salt totals approx. \$37800, treatment with brine & salt totals approx. \$26,145.

