Thanks For Your Support

By following these few simple BMP’s it can greatly reduce the amount of Phosphorous entering our sewer system and treatment facility.
**What Is Phosphorus**

A solid, nonmetallic element existing in at least three allotropic forms, one that is yellow, poisonous, flammable, and luminous in the dark, one that is red, less poisonous, and less flammable, and another that is black, insoluble in most solvents, and the least flammable. The element is used in forming smoke screens. Its compounds are used in matches and phosphate fertilizers, and it is a necessary constituent of plant and animal life in bones, nerves, and embryos. Symbol: P, atomic weight: 30.974, atomic number: 15; specific gravity: (yellow) 1.82 at 20°C, (red) 2.20 at 20°C, (black) 2.25-2.69 at 20°C.

**PHOSPHORUS BMP’S**

- Use slow-release forms of fertilizer to minimize run-off losses.
- Use a fertilizer spreader set by the recommendation on the fertilizer bag.
- Never apply fertilizer to sidewalks and driveways, sweep up and return to lawn.
- Overwatering is wasteful and provides a means of transport of nutrients to the environment.
- Redirect downspouts from paved areas to vegetated areas.
- Only water lawns on an as needed basis, rather than an calendar schedule.
- Pay attention to weather patterns and reset automatic sprinklers after rain or during cooler periods.
- Soil management techniques improve filtration and water holding capacity, improve soil with a good organic soil amendment.
- Ground cover or mulch on bare soil areas to prevent runoff, this will help to conserve moisture, protect roots, reduce weeds and loss of soil and nutrients.
- Core aeration lawn to improve rooting and water penetration.

Maintain natural buffer areas where no fertilizer is applied.

- Plant selection and lawn maintenance decisions can reduce the need for fertilizer and water.
- Mow grass up to 3 inches high and leave clippings to recycle nutrients and reduce fertilizer needs.
- Purchase phosphate free cleaning products and detergents.

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