



COMPASS



Monthly Newsletter May 2018 Volume 18 Number 5 Editor: Felix J. Ciolino HSSE/HR Assistant

Safety Section

HOMELAND SECURITY: YELLOW-ALERT
MARSEC: Level 1

May 2nd/9th SAFETY MEETING:
Hurricane Preparation/Heat Stress/Policy Review

MAY VESSEL DRILLS:

- | | |
|-------------------|-------------------|
| 1. Security Drill | 3. Abandon Vessel |
| 2. Grounding | 4. Barge Fire |

2ND QUARTER E-LEARNING INFO:

- | | |
|---------------------------|-----------------------------|
| - Benzene Awareness | - Hazwoper 8 HR Refresher |
| - Hydrogen Sulfide | - Environmental Awareness |
| - Hurricane Preparedness | - Safe Food Handling |
| - HAZCOM Chemical Safety | - Slips, Trips, & Falls |
| - HAZCOM Chemical Storage | - HAZCOM Your Right to Know |

2018 STATS	<i>April</i>	<i>2018 Year to Date</i>
<i>OIL SPILLS</i>	<i>0</i>	<i>0</i>
<i>NEAR MISSES</i>	<i>9</i>	<i>112</i>
<i>LOST TIME INJURIES</i>	<i>0</i>	<i>0</i>

Crew News

- The river is still over 10 ft. which means our high river procedures are still in effect:
 1. No light boat downstream
 2. All bottom deck doors must be closed and dogged
 3. Wheelhouse watch must be maintained at all times
 4. All barges must be moored with 6 parts on the bow and stern and 4 parts on the intermediate lines
 5. One boat needs to be at the Marrero Fleet whenever possible
 6. When coming in to either fleet, remember to do a fleet check on all barges and make sure all lines are tied properly
- This month's Safety Meeting will be held at our new office which is located at 17 Louisiana.
- Congratulations to Noah Ledet and Jonathan Jordan who both reached service milestones last month. Noah, who is a Captain on the M/V Uncle Sam, reached 15 years and Jonathan, who is a tankerman on the M/V Uncle Sam, reached 5 years. Thank you both for your years of service.
- PBL would like to welcome aboard Cody Smith, Zachary Slaton, and Samuel Horton. Cody will be working on the M/V Independence as a tankerman, Zach will be working as a deckhand on the M/V Independence, and Sam will be working as a deckhand on the M/V Uncle Sam.

May Birthdays

<i>May 8th</i>	<i>Breck Jamison</i>
<i>May 24th</i>	<i>Terry Boffone</i>
<i>May 26th</i>	<i>Jarred Bosarge</i>
<i>May 30th</i>	<i>Roland Biliot</i>
<i>May 31st</i>	<i>Christopher Moore</i>

Protecting Your Environment

What Impact Does Recycling Have on the Environment?

Recycling is crucial and even the smallest step can have significant benefits for the environment. A better understanding of the advantages of recycling can ensure that it becomes a natural and important part of your life.

Recycling Reduces Landfill Waste

The Environmental Protection Agency's Advancing Sustainable Materials Management: 2014 Fact Sheet (EPA fact sheet) states that 258 million tons of municipal solid waste (MSW) were generated that year alone. From that amount, the following occurred:

- 34.6% (89 million tons) of waste was recovered, of which 23 million tons were composted and 66 million tons were recycled (pg. 4)
- 33 million tons were incinerated for energy generation (pg. 4)
- 136 million tons (52%) ended up in the landfill (pg. 4)

The environmental problem of landfills is a difficult issue to fix. As more waste ends in landfills, the bigger the problem gets. Products that are not biodegradable or are slow to decompose, like plastic, can remain in landfill sites for centuries, often emitting gases that could be harmful to the environment.

The EPA fact sheet (pg. 7, fig. 8), shows the landfill is composed of the following waste, which could easily be recycled:

- 21% of food, the largest component of landfill
- 14% of paper and paperboard
- 10% of rubber, leather and textiles
- 18% of plastic

With increased recycling efforts, the waste destined for landfills can be further reduced, thereby minimizing problems and helping the environment.

Conserves Natural Resources

Manufacturing of products requires virgin sources of both renewable wood, and non-renewable fossil fuels or metal ore. The National Institutes of Health Environmental Management System reports that "94% of the natural resources used by Americans are non-renewable." The amount of these resources such as fossil fuels and mineral ores that can be mined are limited. At their current rate of extraction and use, the world will eventually run out of these precious natural resources. So it is vital to save them for future generations. When products manufactured from the natural resources like metals or plastic are discarded in landfills, they are lost to humanity forever.

Natural Resource Savings

Recycling ensures sustainable use of limited resources. For instance, LessIsMore.org lists the following savings in natural resources through recycling one ton of a material:

- Recycled office paper: Saves "17 trees, 7,000 gallons of water, 463 gallons of oil, and 3 cubic yards of landfill space"
- Recycled plastic: Saves up to 16.3 barrels of oil
- Recycled steel: Saves 1.8 barrels of oil and 4 cubic yards in landfills

Resources Wasted With Potential for Recycling Recovery

The University of Southern Indiana provides an idea of the resources discarded every year in U.S. which can be easily recovered by recycling.

- The aluminum discarded each year is enough "to rebuild the US commercial air fleet four times over."
- Similarly, the 1,200 pounds of organic garbage produced by an average American can be composted.

Saves Forests and Other Habitats

Forests are cut to produce pulp for making paper. Paper pulp accounts for 40% of use of the world's timber according to World Wide Fund For Nature. In the tropics, deforestation for paper destroys more forests than mining or palm oil cultivation points out the Union of Concerned Scientists. Besides reducing tree numbers and species, the associated fauna also get affected as their habitats are destroyed.

Many precious metals like gold, copper, diamonds and metal ores are found in rainforest regions reports Mongabay. Besides loss of forests, the forests are degraded due to construction of roads through forests, and formation of temporary settlements. Moreover, settlers reduce animal populations by illegal hunting.

In 2007, a NBC News report showed that recycling efforts in China resulted in significantly arresting deforestation worldwide, including the US and Europe. China imported wastepaper, which along with fiber from its own wastepaper and clothes, accounted for 60% of its pulp sources. Saving trees also happens in the U.S. when paper is recycled. "If every American recycled just one-tenth of their newspapers, we would save about 25,000,000 trees a year," notes the University of Southern Indiana.

Reduces Energy Consumption

Large amounts of energy are required to mine raw materials, process them and transport them around the world. So much of this energy can be saved if manufactured products like plastics, metals, or paper are properly segregated and recycled, the American Geoscience Institute (AGI) explains.

The amount of energy saved depends on the material they clarify. So recycling metals saves the most energy. For instance, AGI states:

- Only 10-15% of energy is needed to recycle glass compared to manufacturing it from scratch, as producing glass requires a lot of heat and energy
- Among all manufactured materials, aluminum production is the most energy intensive. However recycling aluminum can save 94% of this energy.
- Similarly recycling other metals like beryllium, lead, iron and steel, and cadmium reduces energy use by 80%, 75%, 72%, and 50%, respectively, compared to new production.

In 2014, the 34.6% of MSW which was recycled saved enough energy "to provide electricity to 30 million homes," according to AGI. The EPA iwarm widget can be used by individuals to learn how much energy they can save by recycling different domestic waste.

Decreases Pollution

Recycling reduces pollutions in two ways: by reducing manufacture of fresh materials, littering and landfills, and avoiding incineration.

Manufacturing Process

There is environmental damage due to mining raw materials or logging for wood. This is followed by the manufacturing process. Many specific contaminants like radionuclides, dust, metals, brine etc. leach out and pollute the surrounding land and water during mining, according to the Massachusetts Institute of Technology. These sources of air, land and water pollution can be avoided by recycling.

- [Vijayalaxmi Kinhal](http://greenliving.lovetoknow.com/How_Does_Recycling_Affect_the_Environment) Ecologist
greenliving.lovetoknow.com/How_Does_Recycling_Affect_the_Environment

SPORTS

Saints Move Up 13 Spots to Grab Their Guy

See Entire Draft Results Here:

<http://www.sportingnews.com/nfl/news/nfl-draft-picks-2018-results-full-list-tracker-order-round-1-7/j88rbmqvpxhidhis89d24j69>



MLB is in Full Swing and the Boston Red Sox Currently Have the Best Record at 21-7

See Current Standing Here:

<http://www.espn.com/mlb/standings>



Pelicans Sweep the Trailblazers; Stumble in Game 1 Against The Champs

See Pels vs Blazers Game 3 & 4 Highlights:

<https://www.youtube.com/watch?v=xT3S4FcrwUo>
<https://www.youtube.com/watch?v=QD72RGze74Y>



Tigers Drop Series to Ole Miss Bringing Their Record to 26-19

See LSU vs Ole Miss Game 2 Highlights Here:
<https://www.youtube.com/watch?v=-tDkFAx8ywM>



“It’s a funny thing about life: If you refuse to accept anything but the very best you will very often get it.”

- W. Somerset Maugham

PEOPLE

*Sustainability for **PBL** depends on people: having the right people with the right skills in the right roles.*

PERFORMANCE

We aim to achieve real performance momentum and are committed to continuous improvement.

CHARACTER

How you act when no one is watching.

“BE EXCEPTIONAL”

“BE UNCOMMON”

“Prepare yourself for success”

*Safe and reliable operations are **PBL's** number one priority!*