

# "BLUE WEEKS" & SERVICE CHANGES

- Office Closed
- Blue Week - Recycling Pick Up
- Combined Scattered and Cluster Recycle Routes
- Holiday Change
- Scattered Route-Monday: Recycle & Trash
- Cluster Route-Tuesday: Recycle & Trash

# 2021

## JANUARY

|    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|
| 27 | 28 | 29 | 30 | 31 | 1  | 2  |
| 3  | 4  | 5  | 6  | 7  | 8  | 9  |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 1  | 2  | 3  | 4  | 5  | 6  |

## FEBRUARY

|    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|
| 31 | 1  | 2  | 3  | 4  | 5  | 6  |
| 7  | 8  | 9  | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 28 | 1  | 2  | 3  | 4  | 5  | 6  |
| 7  | 8  | 9  | 10 | 11 | 12 | 13 |

## MARCH

|    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|
| 28 | 1  | 2  | 3  | 4  | 5  | 6  |
| 7  | 8  | 9  | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 28 | 29 | 30 | 31 | 1  | 2  | 3  |
| 4  | 5  | 6  | 7  | 8  | 9  | 10 |

## APRIL

|    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|
| 28 | 29 | 30 | 31 | 1  | 2  | 3  |
| 4  | 5  | 6  | 7  | 8  | 9  | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 25 | 26 | 27 | 28 | 29 | 30 | 1  |
| 2  | 3  | 4  | 5  | 6  | 7  | 8  |

## MAY

|    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|
| 25 | 26 | 27 | 28 | 29 | 30 | 1  |
| 2  | 3  | 4  | 5  | 6  | 7  | 8  |
| 9  | 10 | 11 | 12 | 13 | 14 | 15 |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 30 | 31 | 1  | 2  | 3  | 4  | 5  |

## JUNE

|    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|
| 30 | 31 | 1  | 2  | 3  | 4  | 5  |
| 6  | 7  | 8  | 9  | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 27 | 28 | 29 | 30 | 1  | 2  | 3  |
| 4  | 5  | 6  | 7  | 8  | 9  | 10 |

## JULY

|    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|
| 27 | 28 | 29 | 30 | 1  | 2  | 3  |
| 4  | 5  | 6  | 7  | 8  | 9  | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| 1  | 2  | 3  | 4  | 5  | 6  | 7  |

## AUGUST

|    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  |
| 8  | 9  | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | 31 | 1  | 2  | 3  | 4  |
| 5  | 6  | 7  | 8  | 9  | 10 | 11 |

## SEPTEMBER

|    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|
| 29 | 30 | 31 | 1  | 2  | 3  | 4  |
| 5  | 6  | 7  | 8  | 9  | 10 | 11 |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 26 | 27 | 28 | 29 | 30 | 1  | 2  |
| 3  | 4  | 5  | 6  | 7  | 8  | 9  |

## OCTOBER

|    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|
| 26 | 27 | 28 | 29 | 30 | 1  | 2  |
| 3  | 4  | 5  | 6  | 7  | 8  | 9  |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 1  | 2  | 3  | 4  | 5  | 6  |

## NOVEMBER

|    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|
| 31 | 1  | 2  | 3  | 4  | 5  | 6  |
| 7  | 8  | 9  | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 28 | 29 | 30 | 1  | 2  | 3  | 4  |
| 5  | 6  | 7  | 8  | 9  | 10 | 11 |

## DECEMBER

|    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|
| 28 | 29 | 30 | 1  | 2  | 3  | 4  |
| 5  | 6  | 7  | 8  | 9  | 10 | 11 |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 26 | 27 | 28 | 29 | 30 | 31 | 1  |
| 2  | 3  | 4  | 5  | 6  | 7  | 8  |

Bins need to be out by 8:00 am. Call 785-966-2946 for questions, issues, or to schedule glass drop off.

## PBPN Planning & Environmental Protection Fall 2020 Edition

# THE REZ RECYCLER



### Please see the important December 2020 Service Updates:

Scattered Route Only - Trash will be picked up on Tuesday, 12/22/2020

Cluster Route Only - Trash will be picked up on Wednesday, 12/23/2020

Scattered and Cluster Route - Trash will be ran as normal on 12/30/20 and 12/31/20

### Inclement Weather Only

Curbside disposal and recycling services will attempt to run routes as normal during inclement weather/closings when roads are safe.

We will make every attempt possible using Prairie Band's media channels and Facebook to announce if routes will run during inclement weather or be rescheduled.

Follow us on [Facebook](#) at PBPN Planning and Environmental Protection!

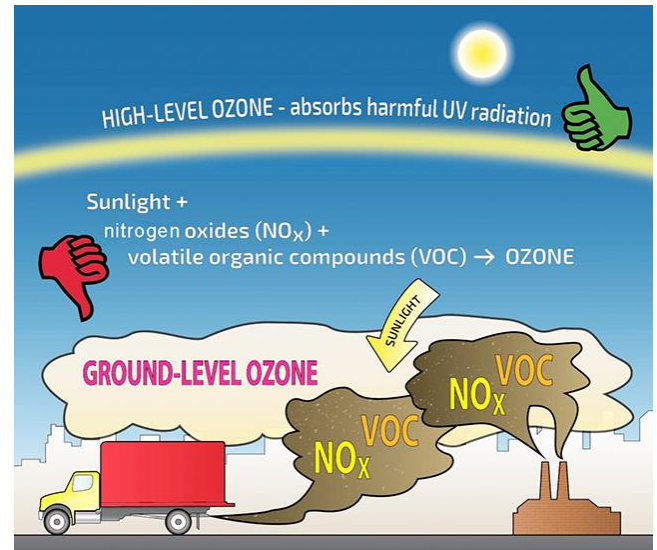
## Diesel Emissions – Human Health and Reducing Exposure

Decades-long, diesel emission has slowly decreased with the introduction of new technologies, regulations and policies. However, older vehicle models and engines continue to travel the pavement which eliminates the ability to completely remove older, dirtier engines that pollute the environment.

Diesel exhaust is a gaseous pollutant in the form of volatile organic compound (VOC) and oxides of nitrogen (NO<sub>x</sub>) and when combined with a hot, sunny day creates ground-level ozone. Also created through chemical reactions is acid rain (NO<sub>x</sub> combined with sulfur dioxide (SO<sub>2</sub>)). Ground-level ozone and acid rain impacts air quality and the environment. Ground-level ozone can damage crops, trees, ecosystems, and impact human health.

The health impacts of diesel exhaust exposure can complicate or lead to serious health conditions. Asthmatics, individuals with respiratory illnesses, and heart disease can worsen - especially in children and the elderly. Ground-level ozone can trigger a variety of health problems including chest pain, throat or airway inflammation and irritation.

Reducing exposure can start with simple changes from carpooling to turning off vehicles to eliminate idle time or other methods that reduce oxides of nitrogen (NO<sub>x</sub>). Other major projects of NO<sub>x</sub> reduction are being accomplished through EPA Diesel Emission Reduction Act (DERA); and, for the past three years, Indian Country was fortunate enough to gain \$55 million from the 2016 Volkswagen Settlement fund to reduce NO<sub>x</sub> through mitigation plans. Volkswagen was found guilty for violating emission standards by selling vehicles equipped with devices to cheat federal emission tests.



<https://ecology.wa.gov/Air-Climate/Air-quality/Air-quality-targets/Air-quality-standards/Ozone-pollution>

### DID YOU KNOW??



- The earthy smell of a rain event is called **PETRICHOR**. Petrichor is an earthy, musky scent before a rain. The pleasant smell, sometimes, will accompany the first rain event after a long period of dry and warm weather.
- **GEOSMIN** is a molecule that is released by soil bacteria when it rains. The geosmin is released from air pockets in the soil when it rains and then is released into the air. Geosmin is responsible for the muddy taste in freshwater fish such as catfish and carp.
- Water in its gaseous state (clouds) will transform into a solid phase (rain). During the process of evaporation, water can travel thousands of miles before the rain falls.

## 2020 Public Record Update

The PBPB's CERCLA 128a Tribal Response Program focuses on identifying and cleaning all illegal dump sites, educating the public about contaminated sites and increasing emergency preparedness. As part of our responsibility, we're required to develop and regularly update a Public Record. Our Public Record includes an inventory of contaminated sites or potentially contaminated sites. This record is made available to all and provides the general public an opportunity to review and participate in our program. If you would like to review the 2020 public record please contact Kyle Miller at 785.966.8033 or log on to the Tribal website at [www.pbpindiantribe.com](http://www.pbpindiantribe.com) and search for the Planning and Environmental Protection news/info under the Department tab.

The PEP CERCLA 128a Tribal Response Program would also like to thank the engaged, caring residents who report illegal dumping and contaminated sites. While it's unfortunate and frustrating to encounter these occurrences, your involvement is encouraging, motivating and helpful.

## USGS featuring Tribal Partners for Native Heritage Month: PBPN PEP's Water Program

The following feature was written by Cara Peterman, Ph.D. Hydrologist/Fluvial Geomorphologist with the United States Geological Survey (USGS), Midwest Region. USGS is showcasing the PBPN project on their various media platforms in honor of National Native American Heritage Month. Verna Potts, Senior Environmental Technician, leads the development and ongoing implementation of water programs for the PBPN.

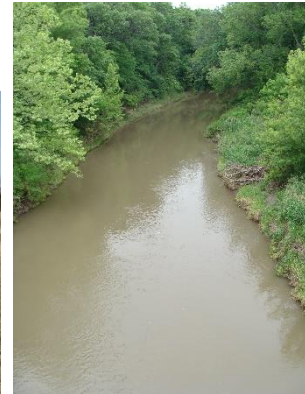
*“The Prairie Band Potawatomi Nation is about 122 square miles and is located in Jackson County, Kansas and lies within the Big Soldier and Little Soldier Creek basins. The Prairie Band Potawatomi Nation needs surface and groundwater quality and quantity data for water management purposes and characterization of its drinking water sources. The USGS, in collaboration with the Prairie Band Potawatomi Nation are characterizing surface water and groundwater availability.*

*This is being accomplished by quantifying streamflow on Big Soldier Creek, the primary streamflow through the reservation, and measuring groundwater levels in nine monitoring wells. In addition to continuous*

*surface water monitoring of water temperature, specific conductance, pH, dissolved oxygen, and turbidity, discrete samples are being collected at the two surface water sites and analyzed for nutrients, suspended sediment, total suspended solids, and indicator bacteria. Also, the nine groundwater monitoring wells are being analyzed for nutrients and indicator bacteria”.*



PBPN ground water well



Big Soldier Creek during high flow



Big Soldier Creek during low flow

## Environmental Justice on the PBPN Reservation

The PBPN recently wrapped up a unique project funded by a USEPA Environmental Justice award aimed at reducing groundwater contamination and protecting the health of community residents. Some key activities within the project included drinking water well monitoring, updating the GIS well inventory, and increasing the technical capacity for PBPN equipment operators, who will then utilize adopted best management practices for well closure/wellhead protection, storm water management and lagoon installation & maintenance. The PBPN project was showcased in two national Tribal environmental conferences this summer.

The collaborative project required the ongoing communication, training, information exchange and educational outreach within PBPN Tribal departments and federal agencies such as Indian Health Services, USEPA, and Bureau of Indian Affairs. Additionally, the PBPN worked with contractors; Northeast Kansas Environmental Services and Tukup Technologies. The pictures below display some of the valuable partnerships in action. PEP was pleased to work with the skilled professionals within the PBPN Road and Bridge Department and the Building Maintenance Department to acquire training and implement best management practices for source water protection. We also greatly appreciated the mapping assistance from our local land stewards – those that fish, hunt, farm, hike, explore and retain so much historical and invaluable knowledge of the Reservation lands.





## Common Offenders!

The items featured in the photos above are a few of the worst offenders commonly associated with wastewater/septic system problems. These items don't belong in the sewer lines, septic tanks, or wastewater treatment systems and are not flushable. They present a safety hazard to wastewater operators, create costly mechanical issues, and could clog YOUR line, creating a sewage backup in YOUR HOME. Please don't flush these items (and your money) down the drain!

## ATTENTION WASTE CUSTOMERS: DURING THE DAYS OF DECEMBER 30-31 ONLY...

PEP Waste Division will accept & haul up to 5 extra bags of household waste\* per residential customer/household. We hope you have a safe and healthy holiday and we look forward to servicing your waste AND recycling needs! ♻️



\*does not include furniture, mattresses, tires & other bulk items

Prairie Band Potawatomi Nation  
Planning & Environmental Protection  
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Mayetta, KS 66509

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Mayetta, KS  
Permit No. 10

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