



# Exploration Scavenger Hunt: Energy

Name: \_\_\_\_\_

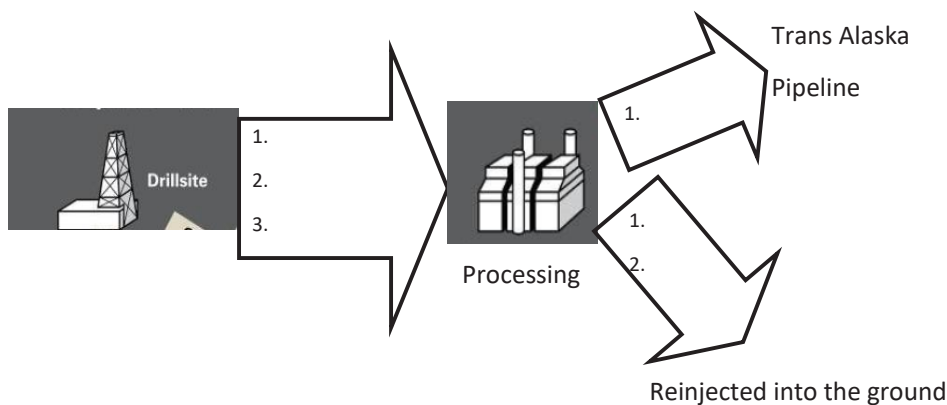
## EXPLORING ALASKA A SCAVENGER HUNT THROUGH ALASKA'S ENERGY RESOURCES

**INSTRUCTIONS:** Navigate to the Our Alaska portal ([www.tinyurl.com/ouralaska](http://www.tinyurl.com/ouralaska)) and click on the "Energy" storyboard. Use the information contained within this storyboard to answer the following questions.

1. What is the unit for electrical power?

2. The Trans Alaska Pipeline is \_\_\_\_\_ miles long. It starts in \_\_\_\_\_ and ends in \_\_\_\_\_.

3. Fill in the diagram showing how oil gets out of the ground and where it goes



4. How many direct mining jobs are there in Alaska? \_\_\_\_\_

5. Name two customers that buy coal from Usibelli Coal Mine.

- a)
- b)

6. Alaska's solar insolation is comparable to the country \_\_\_\_\_, which is one of the top world leaders in solar photovoltaics (PV) installations.

7. Name three raw materials used in the manufacturing of wind turbines.

- a)
- b)
- c)

8. Name two biomass projects in Alaska. What type of biomass are they each using?

- a)
- b)