

**Black Mesa United, Inc. Needs Survey**

The purpose of this survey is to gather information on the current and future needs of residents within the Peabody Coal Company Leasing Area and history of assistance. The reason that we are conducting this survey is to strengthen our case to obtain funding to address these needs. Solid statistical data documenting these needs will strengthen the case to obtain assistance. This is why this survey asks about your current needs and past assistance. The survey will take approximately 20 minutes to complete. The responses you provide are **very much appreciated**, and will be kept **confidential**.

***Thank you very much for your time and effort!***

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**Demographic Information**

This section assesses the participant's basic demographic information.

1. Name \_\_\_\_\_.
2. Tribe \_\_\_\_\_.
3. Age \_\_\_\_\_
4. Gender  
 Female                                       Male
5. Marital status  
 Single     Married according to state or traditional Native American forms  
 Divorced     Widowed
6. Closest two roads that cross near your home (otherwise, please provide a 9 digit zip code). \_\_\_\_\_
7. If you have another home off the reservation, please indicate the closest two roads that cross near your home (otherwise, please provide a 9 digit zip code). \_\_\_\_\_
8. Closest two roads that cross near your main workplace (otherwise, please provide a 9 digit zip code). \_\_\_\_\_
9. Education level  
 Middle school     High school diploma or GED  
 Some college     2-year college degree  
 4-year college degree     Master's degree  
 Advanced professional degree such as MD or JD     Doctoral degree
10. If married, please indicate the education level of your spouse.  
 Middle school     High school diploma or GED  
 Some college     2-year college degree of GED  
 4-year college degree     Master's degree  
 Advanced professional degree such as MD or JD     Doctoral degree
11. Household income per year  
 \$1,000 or less     \$1,001-5,000     \$5,001-10,000  
 \$10,001-15,000     \$15,001-18,000     \$18,001-22,000  
 \$22,001-25,000     \$25,001-30,000     \$30,001-40,000

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| <input type="checkbox"/> \$40,001-60,000     | <input type="checkbox"/> \$60,001-80,000       | <input type="checkbox"/> \$80,001-100,000  |
| <input type="checkbox"/> \$100,001-120,000   | <input type="checkbox"/> \$120,001-140,000     | <input type="checkbox"/> \$140,001-160,000 |
| <input type="checkbox"/> \$160,001-180,000   | <input type="checkbox"/> \$180,001-200,000     | <input type="checkbox"/> \$200,001-500,000 |
| <input type="checkbox"/> \$500,001-1,000,000 | <input type="checkbox"/> More than \$1,000,000 |  |

12. Total number of household members (persons living in your home) \_\_\_\_.

13. Number of adults living in your home over 18 years old: \_\_\_\_\_. Their employment status; please check and answer all that apply.

- Work full-time total #\_\_\_\_\_
- Work part-time total #\_\_\_\_\_
- Unemployed, looking for work total #\_\_\_\_\_
- Unemployed, not looking for work total #\_\_\_\_\_
- Underemployed total #\_\_\_\_\_
- Full-time student total #\_\_\_\_\_
- Homemaker total #\_\_\_\_\_
- Retired total #\_\_\_\_\_
- Other total #\_\_\_\_\_
- Refuse to answer

14. What is your job, and if married, your spouse's job? Please check all that apply.

- Agriculture and related industries
  - Farming to provide food for your family
  - Farming commercially
  - Forestry and logging
  - Fishing commercially
  - Hunting and fishing are primary sources of food for family
  - Other \_\_\_\_\_
- Private industries
  - Construction
  - Education (i.e. working for county school district or BIA funded school)
  - Financial activities (e.g. banking, stock market, etc.)
  - Health field (including working at a tribal clinic but also non-governmental work)
  - Information management and information systems
  - Leisure and hospitality (e.g. hotel, casino, etc.)
  - Manufacturing
  - Mining
  - Professional and business services (e.g. attorney, business consultant, etc.)
  - Retail trade
  - Transportation and utilities
  - Wholesale trade
  - Other \_\_\_\_\_
- Government
  - Federal
  - State
  - Local
  - Tribal
- Unpaid family worker (e.g. homemaker)
- Unemployed

15. Do you practice any of the following in your spare-time or for leisure? Please check all that apply.



Does Peabody maintain them? Yes No

**Consideration of Future Consequences**

This section will assess whether the participant is future-oriented or present-oriented.

21. Is earning money from the land a priority over protecting it for future generations?

- Yes  No
- It depends on the situation  Unsure

22. For each of the statements below, please indicate whether or not the statement is characteristic of you. If the statement is extremely uncharacteristic of you (not at all like you) please fill-in a "1" on the answer sheet; if the statement is extremely characteristic of you (very much like you) please fill-in a "5" on the answer sheet. Please use the numbers in the middle if you fall between the extremes.

Extremely uncharacteristic	Somewhat uncharacteristic	Neutral	Somewhat characteristic	Extremely characteristic
1-----	2-----	3-----	4-----	5-----

A) \_\_\_\_ I consider how things might be in the future, and try to influence those things with my day-to-day behavior.

B) \_\_\_\_ I often engage in a particular behavior in order to achieve outcomes that may not occur for 2-3 years.

C) \_\_\_\_ I am willing to sacrifice my immediate happiness or well-being in order to achieve future outcomes.

D) \_\_\_\_ I think it is important to take warnings about negative outcomes seriously, even if the negative outcome will not occur for many years to come.

E) \_\_\_\_ I generally ignore warnings about possible future environmental problems because I think the problems will be resolved by **technology** before they reach crisis level.

F) \_\_\_\_ My day-to-day work is far more important to me than behavior that has important but distant consequences.

G) \_\_\_\_ My behavior is only influenced by the immediate (e.g. days and weeks) concerns and outcomes of my actions, letting the future take care of itself.

**General Understanding and Perceptions**

23. Please evaluate the following statements and give your opinion using the scale below.

Strongly disagree	Disagree	Not decided	Agree	Strongly agree
1-----	2-----	3-----	4-----	5-----

A) \_\_\_\_ I believe that we are in a period of change.

B) \_\_\_\_ I believe that Peabody has helped the community of Black Mesa.

C) \_\_\_\_ I believe that the Navajo Nation has helped the community of Black Mesa.

D) \_\_\_\_ I believe that the Navajo chapters have helped the community of Black Mesa.

E) \_\_\_\_ I believe that indigenous environmental groups have helped the community of Black Mesa.

**Local Impacts and Concerns**

This section assesses the participants' perceptions and possible exposure to mining impacts. Moreover it assesses the participants' coping strategies regarding such impacts.

24. Has the mining affected you and your family? If so, then please explain how.

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25. Has this mining affected your tribe's land (tribal nation)? If so, then please explain how.

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26. Have you noticed the following changes in your local environment (e.g. tribal land)? Please check all that apply.

- Increased temperature in (check any below)
  - Summer
  - Spring
  - Winter
  - Fall
- Changes in fish communities (e.g. decrease of certain fish types or volume)
- Changes in forest composition or grazing area (shift in location and health of trees)
- Changes in productive hunting seasons
- Decrease of certain game animal herds and/or their predators
- Decreases in insect numbers (e.g. for food)
- Decreases in snow packs
- Earlier melting and runoff of snow packs
- Increases in related diseases
- Increases in insect numbers or insect related damage
- Increased soil dryness
- Increased wildfire (frequency or severity)
- Less surface water in lakes and rivers
- Less water flow from springs
- Others \_\_\_\_\_

27. If you noticed any of the above in #39, please describe, and explain what you think the causes are.

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28. If you noticed any of the above in #39, how do such changes impact you, your family and tribe?

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