

Bridging Q's

### **Day 3**

**Goals:** As a result of today's teaching you should be able to describe how man is changing the earth and its consequences.

#### **Breakfast: Humans significantly alter the earth**

*What are the elements of a mine? What are the ways they change the earth?*

*What were the mine regulations during the mining in Houghton?*

*What are the long term effects?*

#### **Mine System stop**

*Where does our local water come from?*

*What makes water clean?*

*Why is groundwater often better than surface water?*

#### **Houghton Water Supply**

*Is it safe to use groundwater below a stamp sand?*

*What good is an artificial wetland?*

*The stampsand is a man made delta. What is the difference between natural and man made?*

#### **Sewage Treatment plant**

*Is dilution of sewage adequate under some circumstances? Can we just throw stuff in the ocean, since its so big?*

*Is it smart to have sewage treatment so close to the water supply?*

*How do we know the plant is working well?*

*How much of our country has comparable sewage treatment?*

*Should sewage treatment be located near a natural area?*

*How about the atmosphere? It is easier to dangerously pollute than the lake or the ocean? How do we know?*

#### **Pilgrim River System**

*How do road crossings affect the river?*

*What role does an urban river play in local life?*

*What kinds of public land are most important? What are the main purposes of public land?*

### **Baltic Mine**

*How does a mine dump add to our environmental awareness?*

*Why should the public know about minerals?*

*Will this dump weather into soil? Should it be remediated?*

### **Brown Kettle**

*What is the function of the Brown Sanctuary?*

*Does this sanctuary have a sense of place? How do we know?*

*What environmental danger threatens this spot? How do we measure it?*

### **Caledonia**