Extraction of Materials

Water from springs and treated tap water

High density Polyethylene plastic is made from petroleum

Transportation

Materials are transported by using Air Cargo, trucks, cargo ships, and rail shipping using an estimated 50 million gallons of oil in shipment

Purified water is usually transported by rail shipping and trucks (Least expensive)

Spring water transported by air cargo and cargo ships (Most expensive)

Manufacturing

Make the plastic

Cut into suitable lengths by cutting device

Sheets are stacked and fused together into round hollow plastic sheet

Sorts sheets into molding device

Shipped in sheets to water bottle plant

Adds heat and air and the plastic sheet will expand and form against the side of the mold

They will reduce the heat, and the plastic will cool and able to be filled with water
Distribution

Supermarkets

Vending Machines

Direct distribution from plant to consumer

Water haulers

Use

Consumer drinks the water

If not properly recycled, the empty water will sit in a landfill

Recycling

Water bottles collected

Sorted according to type of plastic

Plastic is crushed, chopped into flakes and baled up

Sent to plants to be reused in manufacturing