



Contaminant Exposure Framework — Havasupai Perspective



Havasupai elder putting red ochre on the face of a Havasupai youth at a Tribal gathering.



Havasupai members practicing traditional ceremonies at a Red Butte gathering. Connections with the surrounding environment are central to Havasupai culture.

Skin contact

Drinking

Breathing

Skin contact

Eating

Hunted game plant foods

Gathered

Groundwater and springs

Sweat lodge and ceremonies

Gathered ceremonial plants

Gathered construction plants

Skin contact Breathing

Gathered

medicines

Skin contact

Skin contact

Hide processing

Mine water sprayed into the air to help with pond dewatering in 2017 at Pinyon Plain Mine led to concerns from the Havasupai that contamination will move offsite.

materials yucca



Gathered

body/facial

painting

Indigenous exposure pathways

Standard scientific pathways

EXPLANATION

Gathered







