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Comments: I have studied this issue on the area of Hermosa Critical Minerals Project EIS and I have many concerns about the issue and impact of environment (air, land and water), including possible long term health issues from this project in this area.

For example I have found below,

Manganese-The extraction of Manganese as this project does, causes the entire environment to become an unexpectedly toxic in the atmosphere due to the presence of Mn compounds which get released into the water in the area and the air, through wind rain, flooding, and wildfires. Especially if they are open settling ponds.

Zinc-With extraction of zinc, the pollution can be hazardous to human health. This should be monitored at the site. For example, long-term exposure to cadmium from slag and wastewater discharged during this project could link to the physical Itai-itai disease, a well-known public health crisis. Which is a severe form of chronic cadmium poisoning that causes bone pain and renal tubular dysfunction. The name means "it hurts". In the final stages of the disease, patients may be unable to stand, walk, or talk.

Lead- with lead extraction of lead, in the metal industry, the production of lead causes the greatest degradation of the environment. Lead smelters release large quantities of Cd and Pb into the environment as well as smelting and refining produce gaseous (CO₂, SO₂, NO_x, etc.) and particulate matter emissions, sewage waters, and solid wastes; however, these pollutants take the lead to effect human health.

Extraction of the local water also can cause Fire problems in the area using 3.5 million water extraction per day to operate the project. This can cause underground landslides, dangerous sink holes, movement of upper land, creating water rearrangement direction and merging underground, therefore making dead zones above ground making flora and fauna impact with lack of greatly need water for the area. This impact can also cause more wildfires and burning in the desert region, with smoke and toxic air. It also takes away from the much desperate need of water, of which we have a lack of water in Arizona from recent Global Warming, and pulls this much needed life surviving need to this project.

Therefore I think this has repercussions on health, drinking water, and environment for all living/breathing entities that could be in danger of health and life. This needs to be considered and researched even on other similar projects and the effects of which have happened in those areas. It needs to be tested and looked and reviewed very day.