

# Theresa Hiesener

How do we scope a project that's based on a Proposal letter filled with flaws, ideas & false and misleading statements?

To avoid this EIS, I suggest the Smelter be moved to a pre-existing Industrial site as the proposed location is zoned Public. We purchased our Home very close to the proposed site because of the rural & recreational nature of the area. We were totally unaware of the Proposed Smelter because it was knowingly and willfully kept a secret which has now caused a multitude of problems for myself and my Family.

I also request all questions be studied by an accredited experienced professional who will operate independently of PacWest, Ecology and its affiliates.

Furthermore, I respectfully disagree with the Ramboll environmental study. PacWest also believes Ramboll's advice not to study certain aspects of the project, I disagree, I believe all of the categories should be studied.

Please refer to the Valbridge report for conflicting statements regarding Wildlife etc.

AIR:

1. I ask you to require PacWest to install the appropriate on site weather station to monitor weather patterns for no less than 1 year.
2. Will PacWest be able to keep their emissions under class 1 air standards as set forth in the clean air act? Indian Tribes have or will have class 1 protocols in place within 60 miles of the proposed site, please explain yes or no.
3. What effects will the smelter have on unhealthy and very unhealthy days when burn bans are in effect? Will PacWest be allowed to operate when others are forced to find alternate sources of heat?
4. What effects will the smelter have on regional haze?
5. What chemical reactions will occur when fugitive emissions from the smelter react with meadow fog, river fog, ice, snow, rain and other forms of moisture?
6. Will silica dust, coal dust and charcoal dust be visible in the air surrounding the site and transportation route?
7. Will the emissions from transportation vehicles effect the air quality? If so, how?
8. Will emissions be visible exiting the smoke stacks, if so, what color will the smoke be?
9. Will odor be present before, during or after operation?

WATER:

1. Please explain the effect the smelter will have on the middle Spokane, little Spokane and Pend Oreille Watersheds?
2. How much water will PacWest use and from what source?
3. At what point does Wa DOE consider a well to be "impacted" or "impaired"?

4. Will the furnaces have an effect on the ground and surface water temperatures, if not, why?
5. What effects will the emissions, sewer and coal dust have on surrounding surface and ground water?
6. Lichen, animals, humans, forests and rivers will all be affected by acid rain, what precautions does PacWest plan to take to avoid the adverse affects of acid rain? Scientifically proven, Lichen in particular are sensitive to pollution, the endangered Woodland Caribou depend on Lichen as a Winter food source. Ponderosa pines are also subject to disease when stressed as are many other species of plant life.
7. Ramboll environmental claims there are no waterways on the proposed site, however they acknowledge a water source just North of the site. I request a complete study of the said waterway as it provides life to many species of birds, mammals and amphibians.
8. What effects will the acid rain have on the endangered bull trout?

#### GEOLOGY:

1. Are there any active/inactive earthquake faults within 10 miles of the site?

#### ARCHAEOLOGY:

1. What was found during the first dig last Dec when the ground was frozen?
2. When will another dig be conducted?
3. Did Native Americans inhabit the area?
4. Is the site an historic dump site as reported? If not, provide proof please.

#### BOTANY/BIOLOGY

1. What effect/impacts are expected on plant life from the construction and operation of the smelter? keeping in mind, Lichen, vegetables, conifers and other species are scientifically susceptible to pollution.
2. What effect/impacts will the smelter have on surrounding organisms? including, noise and light pollution, water and air toxification.

#### ZOOLOGY & ETHOLOGY

1. How will the smelter effect the known game trails that intersect the proposed smelter site? Animals have used those trails for many years, what will the noise and light pollution do to their behavior? Will it effect migration, the rut and resting phases?
2. How will the smelter effect the big eared bat which has been identified and spotted repeatedly in and around the site as reported in the Valbridge report.

#### HEALTH ASSESMENT:

1. My concern is Mike Manus sits on the health board that has been tasked to preform the study. In my opinion and others, this is a conflict of interest. Additionally, Mr Manus does not have the medical experience I would expect. I ask that additional medical advice from surrounding

Physicians be included in the assessment.

2. Will PacWest and Wa State assume liability for my health? I suffer from systemic lupus erythematosus, an auto immune disease which can be exacerbated from exposure to silica, stress and other environmental factors.
3. What will the long and short term health effects be on those who suffer from respiratory disease?
4. Who will be responsible for their health, medical bills and quality of life?
5. Many humans scientifically suffer from noise and light pollution causing great harm. What measures will PacWest take to insure those who suffer will be protected since PacWest admits the smelter will be bright and noisy?
7. Will folks near the site, hear, taste, smell or see the smelter and its emissions?

LEGAL:

1. Will Wa acknowledge the "good neighbor" air rule as set forth in the clean air act section 110""""
2. Will Wa obey and acknowledge:  
RCW 9A.76.175  
RCW: 21.20.350  
RCW: 9.04.010  
RCW: 58.19.190  
RCW: 9.46.170  
Intention to defraud by false and misleading statements set forth section 192G crimes act of 1900
3. PacWest purchased land that is landlocked, in order to access the property PacWest and it's subcontractors have knowingly and willfully trespassed across private property resulting in police reports being filed. How will PacWest access their property without trespassing?
4. PacWest failed to register their company with the state of Wa in a timely manner, consequently when they did, their "HiTest Sands" name had already be taken hence the name change to PacWest. Why should we trust this Canadian company to do the right thing?, they haven't proven themselves to be anything other then untrustworthy.
5. Jayson Tymko was quoted last Oct in the Beacon stating this project is one big science experiment, how do we trust a president who's never run a smelter before?
6. Idaho and it's citizens demand they be included in the EIS due to the close proximity to the site, being downwind and the use of Idaho highways and rail.
7. Will PacWest have Insurance suitable to pay extensive litigation claims and a possible future superfund site?
8. As a property owner near the site or otherwise I'm entitled the "quiet enjoyment" of my property, will PacWest or Wa state compensate me should I lose that right?
9. Who will assume responsibility for the devaluation of my property due to the smelter?
10. Who will assume responsibility for road repair and maintenance due to excessive traffic?

11. Will PacWest be allowed to operate after numerous violations? Does Wa DOE have a fine payment program?

#### HAZAMAT:

1. Will Wa impose OSHA guidelines for Silica exposure at and around the smelter during delivery and operations?
2. PacWest claims they'll have their own emergency services, who will be responsible for surrounding areas should an accident or fire occur?
3. Are evacuation routes planned, MCI management, and trauma center available?
4. Where is the nearest burn center?
5. Who will monitor hazardous materials as they exit, enter and traverse to and from the site? Who will monitor those emissions/dust?
6. Will emissions increase with start up and shut down phases?
7. Will the quartz be crushed on site, who will monitor dust mitigation?
8. Who will monitor coal, charcoal storage and dust?
9. Please site specific coal and charcoal resources from which the material will be shipped and how?

#### ELECTRICAL:

1. I request the complete electrical feasibility study be posted on the Wa DOE webpage under the project.
2. What health effects will the electrical field, lines and sub station have on humans and animals?

#### ECONOMIC:

1. PacWest states the silicon will be used for solar, please provide a study that proves and concludes the smelter emissions will offset the benefit of solar as Mr Tymko stated numerous times. Is this assumption based on fact or fiction and is it based on a global or local market?
2. Have the tariffs recently imposed on silicon had an effect on PacWest financial projections?
3. Recently REC silicon in Moses Lake has reduced production, will this effect PacWest product sale of silica since REC is their largest buyer? If so, who will they market to?

PacWest has repeatedly admitted the smelter would pollute, its my belief the DOE should use every question and concern submitted. This project deserves strict scrutiny and oversight from the very agencies we the people depend on to protect us!  
Respectfully, Theresa Hiesener