The Environmental Defense Center representing SBCAN and Sierra Club PCEC's Orcutt Hill Cyclic Steam Drilling Project

SBC Board of Supervisors Hearing

November 1, 2016

Comparison of Projects & Impacts

	Project	Careaga Excl. Alt.	Careaga & CTS Excl.	New Information	PCEC's existing operations on site
Impacts to endangered Lompoc Yerba Santa (LYS)	Class I	Class I	Class I	Class I Does not mitigate loss of species	360 LYS destroyed; Failed to notify USFWS or CDFG of "take;" Failed to conduct required mitigation for LYS in the 2006 MND.
Impacts to CTS Habitat	Class I	Class I	Class I	Class I Does not mitigate loss of upland habitat	6.09 acres of habitat loss to sensitive species - including CTS
Impacts to Hydrology & Water Quality	Class I	Class I	Class I	Class I	Unknown; likely significant given history of spills, seeps and surface expressions
Requires use of freshwater?	Yes – 1.8 Million Gallons used to drill 144 wells	Yes	Yes	Yes	Yes – for both steam generation and drilling in 2005 and 2006 projects
Oil seeps	Yes	Yes	Yes	Yes	99 to date
Oil Surface Expressions	Yes	Yes	Yes	Yes	4
Oil spills	Yes	Yes	Yes	Yes	23 oil spills from 2010-2015

The True Cost of Approving this Project - Is it Worth it?

- Unknown, unreliable future tax revenue
- Temporary, short term construction jobs, less than one year

- Inconsistencies with Comprehensive Plan
- Class I impacts to Endangered Species, Sensitive Habitat, and Water Quality
- Loss of Lompoc Yerba Santa + seeds due to oil seeps, pod expansion, pipeline construction
- Loss of Southern Bishop Pine Forest, Live Oak Woodland, Burton Mesa chaparral
- Lethal H2S emissions
- Unknown cumulative air emission impacts
- “Take” of CTS and destruction of acres of CTS upland habitat
- 6.09 acres of sensitive habitat already lost
- 99 oil seeps, 24 oil spills, 4 surface expressions
- Future oil spills, cracks, seeps, surface expressions