

CAMPAIGN TO STOP OIL SHALE AND TAR SANDS DEVELOPMENT

For the first time, energy companies in the United States are working to commercially develop the dirtiest of dirty fuels: oil shale and tar sands. Oil shale and tar sands will produce two to three times as much greenhouse gases as other fuels, strip mine vast areas of public lands, pollute our rivers and air, and harm wildlife. With advancement in clean energy resources, there is no need to develop the dirtiest fuel on the planet in the U.S. Join Western Resource Advocates to protect public health and safety and our environment.

Oil Shale and Tar Sands Development Threaten Air, Water, Wildlife, Our Climate and Our Health

Oil shale and tar sands are not oil. In order to release the energy within oil shale and tar sands, hundreds of thousands of acres of public land will be consumed, and vast quantities of energy, water, and solvents will be used to produce dirty fuel.

Reversing a Sustainable Energy Future and Warming Our Climate

Oil shale and tar sands production releases twice the amount of greenhouse gases as crude oil from conventional sources, and crude oil from oil shale emits three times the greenhouse gases of conventional fuel. Producing crude oil from oil shale and tar sands will make it virtually impossible to reduce greenhouse gas emissions and could reverse emission reductions in other arenas. Mining crude oil from rock and sand will prolong our nation's addiction to fossil fuels and lead the Interior West away from a sustainable energy future.

Destroying Public Lands in Utah, Colorado, and Wyoming

The strip mining and mountain top removal techniques used in oil shale and tar sands production will leave behind enormous piles of contaminated tailings, destroying pristine public lands and critical wildlife habitat. In Utah, 140,000 acres of state and private lands are already under lease, and the Bureau of Land Management (BLM) has opened 500,000 acres of federal public lands to leasing for oil shale and tar sands development. Any oil shale and tar sands development on state and private lands in Utah could lead to widespread development on federal lands in Utah, Colorado, and Wyoming. Industry is focusing on Utah, where a toehold under a lax state regulatory regime could attract investors to projects on federal land and in other states. Without pressure, the Environmental Protection Agency (EPA) and BLM, which

enforce federal environmental laws where the development will take place, may become complacent.

Polluting Our Rivers

An industry that produces 3,000-4,000 pounds of petroleum-laden waste for every barrel of crude oil jeopardizes the entire Colorado River Basin. Numerous projects involve strip mining and the disposal of mining waste in pits that experts predict will contaminate nearby aquifers and creeks that feed the Colorado and Green rivers.

Polluting Our Air

The plan is to produce this crude oil in the Uinta Basin and refine it along the Wasatch Front, where 80% of Utah's residents live. Both processes are known for creating air pollution, and both areas already have some of the worst air quality in the nation. In addition, this production and refinement will send haze and smog east to Colorado's national parks and wilderness areas.

Destroying Wildlife Habitat

The region proposed for development has some of the nation's most important wildlife habitat and is known for its flourishing herds of elk and deer. Development will destroy habitat and jeopardize the springs and creeks on which these animals rely.

Stopping Development of the Dirtiest Fuel Before it Starts

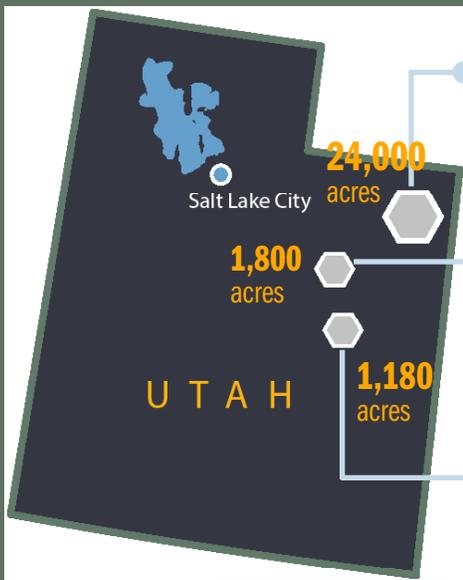
Western Resource Advocates is leading the effort to stop oil shale and tar sands development in the United States. As proposals are advancing the fastest in Utah, our mission is to prevent development in Utah and stop its spread to other states and federal public lands. Our expert attorneys and staff are heading a twofold strategy: 1) stop industry from getting environmental permits, and if permits are issued, ensure rigorous restrictions are imposed so that industry pays the true costs of developing dirty fuels (making them economically infeasible); and 2) convince federal regulators – particularly EPA and BLM – to enforce our nation’s clean air, clean water, and hazardous waste laws.

“Utah is open for business in energy development... We want all our resources made available.”

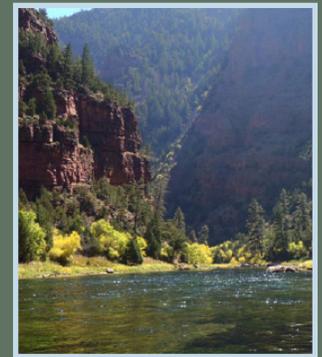
– Utah Governor Gary Herbert

LOOMING PROJECTS THAT WE MUST DEFEND AGAINST NOW

With permitting underway by state and federal regulators, Western Resource Advocates is currently challenging **six** separate projects in Utah. Three examples are:



Enefit is an Estonian state-owned company planning to mine 24,000 acres on the Utah–Colorado border. In Estonia, its ash piles cover 50 square miles and occasionally ignite spontaneously.



Bruin Point Mine is a 1,800-acre underground tar sands mine to be drilled into the face of the beautiful Book Cliffs. Experts report mining likely will drain the aquifer that feeds Range Creek – a high-elevation tributary to the Green and Colorado rivers.



Red Leaf has a proposal to cook crude oil in 118 ten-acre capsules, each the size of a football stadium. Experts report the capsules are likely to crack and leak petroleum into the air and water.

Your Support Is Needed

We have a short window of opportunity to engage experts, initiate legal battles to challenge permits, and alert the public of this threat. We need to continue to partner with physicians, academics, community groups, hunters and anglers, and others to oppose these projects. We must shine light on these projects and build greater support.

Much is at stake, but we know from the work we have done so far that we can win. WRA attorneys have stopped some developments, engaged EPA, and prevented 1,600,000 acres of BLM lands from being developed for oil shale and tar sands. But to truly ensure oil shale and tar sands stay in the ground, we need committed financial support over the next three years. Help stop the development of the dirtiest fuel on the planet!

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