

Visual	Audio	Backup
<p>Bright, colorful iconic shots from around Western Michigan with people in them.</p>	<p>VO: It still <i>looks</i> like our Michigan.</p>	
<p>Scene goes black and white, fades into petcoke image. Koch heads appear. CG: KOCH BROTHERS</p>	<p>But the out-of-state billionaire Koch Brothers use it as a dumping ground.</p>	<p>Koch Brothers are oil industry billionaires who are not from Michigan. The New Yorker reported, “With his brother Charles, who is seventy-four, David Koch owns virtually all of Koch Industries, a conglomerate, headquartered in Wichita, Kansas, whose annual revenues are estimated to be a hundred billion dollars. The company has grown spectacularly since their father, Fred, died, in 1967, and the brothers took charge.” [The New Yorker, 8/30/10]</p> <p>David Koch lives in New York City and Charles Koch lives in Wichita, KS. The New York Times reported, “Charles Koch lives in Wichita, and David lives in New York City.” [The New York Times, 6/17/14]</p> <p>Forbes: David Koch is “New York City’s richest resident.” [Forbes, The World’s Billionaires]</p>
<p>Image of chemical plant. Kochs are ghosted onto the plant. CG: KOCH CHEMICALS grows out and beyond screen Northern Michigan Source: Georgia Pacific, Michigan Fact Sheet; Political Economy Research Institute, Koch Industries; National Cancer Institute, Formaldehyde and Cancer Risk</p>	<p>Their plant, producing toxic chemicals linked to cancer.</p>	<p>Koch-owned facility in Grayling, MI produces formaldehyde. Koch Industries owns Georgia Pacific, whose Grayling, MI plant produces liquid resin and formaldehyde that “are used in the manufacturing of medium density fiberboard, particleboard, structure wood, glassmat (roofing) and paper products.” [Koch Industries; Georgia Pacific, Michigan Fact Sheet]</p> <p>Kochs’ Grayling plant threatens public health with toxic formaldehyde pollution from air releases and incineration transfers. As the University of Massachusetts Amherst’s Political Economy Research Institute has noted, Koch Industries’ Georgia Pacific plant in Grayling, MI released 117 pounds of formaldehyde into the air in 2010, and had 14,000 pounds of incineration transfers of formaldehyde, for a total toxic score of 186. The toxic score reflects “[p]opulation health risk from air releases and incineration transfers reported to the US Environmental Protection Agency’s Toxics Release Inventory (TRI) for the 2010 Reporting Year, as computed by the US EPA’s Risk-Screening Environmental Indicators (RSEI ver. 2.3.1) from quantity released, toxicity of chemicals, and population exposure.” The Political Economy</p>

		<p>Research Institute uses these toxic scores to rank the “Toxic 100 Air Polluters,” of which Koch Industries ranked 14th. [Political Economy Research Institute, Koch Industries; Political Economy Research Institute, Toxic 100 Air Polluters]</p> <p>Formaldehyde has been linked to cancer. In a press release, the National Academies noted: “A new report from the National Research Council has upheld the listing of formaldehyde as ‘known to be a human carcinogen’ in the National Toxicology Program 12th Report on Carcinogens (RoC). The committee that wrote the Research Council report found that the listing is supported by sufficient evidence from human studies that indicate a causal relationship between exposure to the chemical and at least one type of human cancer. The committee reached the same conclusion after conducting both a peer review of the RoC and an independent assessment of the formaldehyde literature.” Additionally, according to the National Cancer Institute at the National Institutes of Health, “Formaldehyde has been classified as a known human carcinogen (cancer-causing substance) by the International Agency for Research on Cancer and as a probable human carcinogen by the U.S. Environmental Protection Agency.” [National Academies press release, 8/7/14; National Cancer Institute, Formaldehyde and Cancer Risk]</p> <p>Formaldehyde exists in pressed-wood products in homes, and industrial workers who produce it may be exposed to higher levels. According to the National Cancer Institute at the National Institutes of Health, “Pressed-wood products containing formaldehyde resins are often a significant source of formaldehyde in homes. ... Industrial workers who produce formaldehyde or formaldehyde-containing products, laboratory technicians, certain health care professionals, and mortuary employees may be exposed to higher levels of formaldehyde than the general public. Exposure occurs primarily by inhaling formaldehyde gas or vapor from the air or by absorbing liquids containing formaldehyde through the skin.” [National Cancer Institute, Formaldehyde and Cancer Risk]</p> <p>The New Yorker: “Koch Industries has been lobbying to prevent the E.P.A. from classifying</p>
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		<p>formaldehyde, which the company produces in great quantities, as a ‘known carcinogen’ in humans.” The New Yorker reported, “at the same time that David Koch has been casting himself as a champion in the fight against cancer, Koch Industries has been lobbying to prevent the E.P.A. from classifying formaldehyde, which the company produces in great quantities, as a ‘known carcinogen’ in humans. Scientists have long known that formaldehyde causes cancer in rats, and several major scientific studies have concluded that formaldehyde causes cancer in human beings—including one published last year by the National Cancer Institute, on whose advisory board Koch sits. The study tracked twenty-five thousand patients for an average of forty years; subjects exposed to higher amounts of formaldehyde had significantly higher rates of leukemia. These results helped lead an expert panel within the National Institutes of Health to conclude that formaldehyde should be categorized as a known carcinogen, and be strictly controlled by the government. Corporations have resisted regulations on formaldehyde for decades, however, and Koch Industries has been a large funder of members of Congress who have stymied the E.P.A., requiring it to defer new regulations until more studies are completed. Koch Industries became a major producer of the chemical in 2005, after it bought Georgia-Pacific, the paper and wood-products company, for twenty-one billion dollars. Georgia-Pacific manufactures formaldehyde in its chemical division, and uses it to produce various wood products, such as plywood and laminates. Its annual production capacity for formaldehyde is 2.2 billion pounds.” [The New Yorker, 8/30/10]</p>
<p>Petcoke piles blowing in the wind. Kochs ghosted in the smoke. CG: KOCH CONTAMINATED grows out & beyond screen Southeast Michigan Source: Detroit Free Press, 7/14/13; Windsor Star, 4/16/14</p>	<p>Their piles of waste contaminated homes and threatened the Great Lakes.</p>	<p>Kochs’ three-story pile of petcoke covered an entire city block along the Detroit River. The New York Times reported, “Assumption Park gives residents of this city lovely views of the Ambassador Bridge and the Detroit skyline. Lately they’ve been treated to another sight: a three-story pile of petroleum coke covering an entire city block on the other side of the Detroit River. Detroit’s ever-growing black mountain is the unloved, unwanted and long overlooked byproduct of Canada’s oil sands boom. ... And no one knows quite what to do about it, except Koch Carbon, which owns it. The company is controlled by</p>

		<p>Charles and David Koch, wealthy industrialists who back a number of conservative and libertarian causes including activist groups that challenge the science behind climate change.” [New York Times, 5/17/13]</p> <p>NBC News: Detroit’s mountain of petcoke “created a swirling tornado-shaped black cloud.” According to an NBC News report, “residents of Chicago fear a repeat of what happened this summer in Detroit, when a high wind caught a mountain of petcoke on the lakefront and created a swirling tornado-shaped black cloud that stretched to the sky and blew into Ontario.” [NBC News, 11/8/13]</p> <p>Black petcoke dust blew into apartments and cars. According to the Detroit Free Press, “Officials ordered the removal of the heap after residents began complaining. The black dust was ‘blowing into people’s apartments through the window and onto people’s cars,’ said Karla Henderson, a city planning official. ‘People should not have to live with that.’” [Detroit Free Press, 8/30/13]</p> <p>Kochs’ petcoke blew into Detroit residents’ homes, potentially threatening their health. The Detroit Free Press reported, “Late last month, [Serene] Arena wiped a new coating of dust up with a new sponge and provided it to the Free Press, which gave the sample to the Ann Arbor-based Ecology Center, an environmental nonprofit that previously tested a sample of pet coke from the Detroit River pile provided by state Rep. Rashida Tlaib, D-Detroit. Testing confirmed Arena’s suspicion: The dust contains pet coke. ‘If it’s on my countertops, it’s going into my lungs,’ she said. ‘It’s going into the Detroit River and affecting the ecology there. Who knows where else it’s going?’ ... Officials with the state Department of Environmental Quality have observed dust blowing off the pet coke pile northeast of the Ambassador Bridge. They responded to another complaint in May from a resident of another, nearby apartment complex and confirmed pet coke dust there. ... [S]mall particles of pollution more easily lodge in people’s lungs and can lead to respiratory problems and worsen asthma, [Ecology Center research director Jeff] Gearhart said. ‘We’re very concerned about distribution of fine particulate from this source and</p>
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		<p>other sources,' he said. Vanadium, one of the metals found in the pet coke dust, is possibly cancer-causing in humans in prolonged or elevated exposure levels, according to the International Agency for Research on Cancer, a France-based organization that coordinates cancer research between nations. The U.S. Department of Health and Human Services and the U.S. Environmental Protection Agency, however, have not classified whether vanadium is carcinogenic. For respiratory problems, the 'minimum risk level' for vanadium — a daily level of exposure above which a person could expect to experience health impacts — is a scant 0.0008 milligrams of the metal per cubic meter of air, according to the EPA. But vanadium levels in air samples near the pet coke piles are not being monitored — only fine particulate levels, said Lynn Fiedler, assistant division chief of the DEQ's Air Quality Division." [Detroit Free Press, 7/14/13]</p> <p>Video captured black cloud of petcoke blowing across the Detroit River, which feeds into the Great Lakes. The Huffington Post reported, "A newly surfaced video showing a large black cloud of petroleum coke, also known as 'pet coke,' blowing across the Detroit River is adding to concerns about a three-story pile of the carbon-based substance that's sitting in storage near the Ambassador Bridge." As the EPA has noted, "The Detroit River is a 32-mile international connecting channel linking Lake St. Clair and the upper Great Lakes to Lake Erie." [Huffington Post, 7/31/13; EPA, Detroit River]</p> <p>Kochs stored petcoke in uncontained piles next to a Great Lakes waterway. The Windsor Star reported, "Most of the petcoke is shipped overseas by the Koch brothers to locations such as China, where it is burned as fuel. That requires the oil byproduct to be stored at waterfront ports throughout the Great Lakes so it is easier to load on ships. ... At the very least, open piles of petcoke next to Great Lakes waterways has to stop, [Citizens Environment Alliance Coordinator Derek] Coronado said. 'We should expect what is done in other jurisdictions — and that's keeping it stored in enclosed facilities or containers,' he said." [Windsor Star, 4/16/14]</p>
<p>Cash rains down behind Terri Lynn Land. Kochs</p>	<p>And their front groups, trying to buy a Senate seat for Terri Lynn</p>	<p>Koch-backed Americans for Prosperity has spent more than \$5 million attacking Gary Peters. The</p>

<p>behind her CG: KOCH GROUPS’ SUPPORT FOR LAND: \$5M Source: Detroit Free Press, 4/23/14 CG: KOCH and LAND words grow out, come together and replace previous CG line</p>	<p>Land...</p>	<p>Detroit Free press reported, “With an ad buy of some \$800,000 over the next three weeks, AFP’s total spending on independent ads targeting Peters tops the \$5-million mark.” [Detroit Free Press, 4/23/14]</p> <p>Detroit News: Koch-backed AFP “has spent the most of any single group” in the MI Senate race. The Detroit News reported, “Americans for Prosperity, a conservative group funded in part by billionaire industrialists Charles and David Koch, has spent the most of any single group, pouring \$4.34 million into a campaign aimed at criticizing Peters’ support for President Barack Obama’s health care law. The group doesn’t plan to let up on Peters, AFP state director Scott Hagerstrom said Tuesday.” [Detroit News, 7/2/14]</p> <p>Koch-backed Freedom Partners also ran ads attacking Peters. According to the Michigan Campaign Finance Network, Freedom Partners Chamber of Commerce, an outside group “associated with the Koch brothers’ political fundraising gatherings,” spent \$576,516 on ads attacking Peters. The Sunlight Foundation similarly reported that “Freedom Partners ran ads in April skewering Democrat Gary Peters for his Obamacare vote.” Additionally, Politico reported that Freedom Partners had “booked about \$1.1 million in Michigan airtime” before abruptly cancelling it. [Michigan Campaign Finance Network, 7/1/14; Sunlight Foundation, 8/13/14; Politico, 8/12/14]</p> <p>Land has taken \$10,000 in campaign contributions from Koch Industries. [Center for Responsive Politics]</p>
<p>Same images of Kochs and Land on screen CG: KOCH LAND CG adds on: Terri Lynn Land: opposes efforts to limit industrial carbon pollution Source: Land campaign website, 6/2/14; Americans for Prosperity press release, 6/2/14</p>	<p>...who opposes efforts to clamp down on industrial carbon pollution.</p>	<p>Land blasted EPA carbon pollution standards as “an enormous regulatory attack on coal” that is part of President Obama’s “War on Michigan.” In a press release posted on her campaign website, Land stated: “Today, President Obama released an enormous regulatory attack on coal, which produces 54% of Michigan’s electricity. This rule could cost us 224,000 American jobs, shrink our economy by \$50 billion a year, and increase monthly electric bills for families and manufacturers for the next 15 years. Experts have only just begun to dive into this giant and costly regulation, but the one thing that is clear is that</p>

		<p>President Obama is continuing to advance his ‘War on Michigan.’ I will fight this proposal at every turn in the U.S. Senate and call on Congressman Peters to oppose these regulations instead of selling out Michigan jobs for his radical environmental agenda and the support of the California billionaire who is bankrolling his campaign.” [TerriLynnLand.com, 6/2/14]</p> <p>Koch-backed Americans for Prosperity declared opposition to EPA’s Clean Power Plan. In a press release, Americans for Prosperity President Tim Phillips stated: “Once again the Obama Administration is putting its own global-warming ideology ahead of the interests of hardworking taxpayers. These proposed EPA rules will lead to higher energy bills for families, lost jobs, and diminished economic growth. ... The new EPA regulations are a lose-lose. Americans can’t afford more Obama regulations fueled by ideology.” [Americans for Prosperity press release, 6/2/14]</p> <p>Kochs’ Americans for Prosperity planned demonstrations opposing EPA’s carbon pollution standards. The New York Times reported, “Americans for Prosperity, the Tea Party group backed by Koch Industries, the Kansas conglomerate run by Charles G. and David H. Koch, is planning demonstrations outside the [EPA] hearings to protest the regulation aimed at coal-fired power plants.” [New York Times, 7/29/14]</p> <p>Koch-funded group announced plans to attack EPA proposal, former Koch lobbyist promised “a big fight, when they roll out the rule for existing plants.” The New York Times reported, “A coalition of industry lobbies and political advocacy groups are also planning to fight the rules. The American Energy Alliance, which receives funding from Koch Industries, the oil refining conglomerate owned by the billionaire brothers Charles and David Koch, plans to attack the proposal in television and radio ads. ‘That’s going to be a big fight, when they roll out the rule for existing plants,’ said Tom Pyle, president of the group and a former lobbyist for Koch Industries. ‘We’ll be ready for them.’” [New York Times, 2/4/14]</p>
Same images of Kochs and Land on screen	Koch. Land. Not for Michigan.	

LCV
Terri Lynn Land – “Koch Land”
8/21/14

<p>CG: KOCH LAND Prev CG line replaced by: Not for Michigan.</p>		
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