

ZO17-ZO18 EGISLATIVE SCORECARD FOR THE 99TH MICHIGAN LEGISLATURE

IT'S TIME FOR MICHIGAN TO DO BETTER

A LETTER FROM THE EXECUTIVE DIRECTOR

Friends & Members,

It's no secret that the beauty in our state is unparalleled. We share our home with 20% of the world's surface freshwater; with innumerable rolling sand dunes, which shelter wildlife unique only to Michigan; with acres upon acres of public land we're proud to call our own. As residents, the environmental treasures we see daily define our state—it's not Michigan if it's not Pure Michigan.

At the Michigan League of Conservation Voters, we believe in a Michigan where people's voices are more powerful than special interests, where the Great Lakes are pristine, where our drinking water is safe, affordable and accessible and our air is safe to breathe—a Michigan where we protect the ecosystems and public lands that shape our economy and Pure Michigan lifestyle.

When we see our state—its resources and its people—being mismanaged and damaged, we see a very real problem. This past legislative session was a snub to the Great Lakes way of life, public health, and future generations. Michigan deserves better.

At the federal level, we've seen the very agencies charged with protecting human health and our natural resources prevented from fulfilling their responsibility. We have a presidential administration that has twice attempted to gut funding to restore our Great Lakes; that has worked to rollback major policies addressing climate change, air and water pollution, and a myriad of laws that form the very foundation of our quality of life in America.

At the state level, things haven't been much better. While our DEQ approved a permit allowing Nestle to bottle water at an even greater rate for next-to-nothing, families in Detroit are struggling against inhumane water shutoffs. The aging Line 5 pipeline still sits in the Straits of Mackinac, transporting oil despite its damaged condition and the recent release of a worse-case report detailing how a rupture could cost more than 2 billion dollars and damage over 400 miles of Great Lakes shoreline. Our very own governor signed a law that gives polluters a powerful say in making the rules that determine how many toxins can be sent up our smokestacks and how much contamination is in our water.

Believe it or not, Michigan once led the pack when it came to environmental leadership. We passed groundbreaking protections for sand dunes, enacted strong standards to control the spread of invasive species, and led the nation in banning phosphorus in dishwashing detergent. We even passed a landmark polluter-pays law that put the burden for paying to clean up contaminated sites on polluters instead of Michigan taxpayers. But in recent decades our elected leaders have gutted these common sense measures, leaving our legacy a thing of the past.

It's time for Michigan to reclaim its status as a national environmental leader. The challenges we face are great, but not impossible to overcome. We can turn things around and bring our vision of a real, authentic Pure Michigan to life, but it will take all of us. Every single Michigander who believes in clean, affordable water, in air that doesn't make us sick, in protecting our stunning public lands and taking action to address climate change. Together we can use our voices to make a difference. Protecting our state is a joint effort, and it starts with you.

Onward!

Lisa Wozniak



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BAD IDEAS 6 THE MICHIGAN LCV DIFFERENCE

During Michigan's 99th Legislature, more than a few bad ideas made headlines. In just one session, we saw polluters given a powerful voice over environmental protections, a proposal allowing private interests to drain our streams first while assessing the damage after, and a bill that would have left the Great Lakes vulnerable to invasive species.

IN THE 2017-18 SESSION, STATE LAWMAKERS PUSHED A SLATE OF BILLS THAT TOOK AIM AT THE BEDROCK ENVIRONMENTAL PROTECTIONS MICHIGANDERS HAVE BUILT OVER GENERATIONS. At the very same time, the good ideas—bills that would better the lives of Michiganders and address our most pressing environmental challenges—rarely advanced.

EQUALLY WORRISOME WAS THE LEGISLATURE'S INACTION WHEN THE WELL-BEING OF OUR STATE AND ITS PEOPLE WERE AT STAKE. This year, thousands of Michiganders learned their drinking was poisoned by a largely unregulated industrial chemical known as PFAS. A bill that would protect their tap water never advanced, and when it was discovered that the DEQ failed to act on early warnings of the crisis, the state Legislature gave little consideration to an investigation.

Despite its pending expiration, lawmakers have failed to secure a replacement for the Clean Michigan Initiative, a voter-approved program that, for twenty years, funded the clean up of hundreds of polluted waterways and abandoned industrial sites. When the Governor proposed a plan to replenish the fund by increasing tipping fees on garbage—which would also serve to boost our state's abysmal recycling rate—it failed to gain traction in the state Legislature.

CONTINUED FAILURE TO INVEST IN PURE MICHIGAN

Adequate funding has been extremely hard to come by over the last two decades in Michigan and critical environmental investments have been curtailed or eliminated as a result. Programs protecting Michigan's air. water. and public health have been diminished: even capital infrastructure investments-the foundation upon which Michigan's quality of life depends—have fallen behind. Years of cuts have stretched DEQ and DNR staff so thin that when major crises hit, staff are often shifted away from other critical priorities, leaving those to languish. Despite this reality, major funding proposals like the Governor's water infrastructure funding fee were dismissed outright; and little progress has been made on Michigan's \$800M per year water infrastructure need. There is more than a \$200M backlog in state parks maintenance projects, and insufficient resources for innovative programs like Michigan's groundwater assessment tool.

THE SITUATION WE FACED IN LANSING WAS BLEAK— AND YET, IT COULD HAVE BEEN MUCH WORSE.

What made the difference were the voices of everyday Michiganders. We saw record numbers of Michigan LCV members from across the political spectrum speak up. When lawmakers pushed to let private companies like Nestle drain our streams, we packed the committee room and gave powerful testimony. The result? The bill sponsor listened, removing the most damaging provisions. When the legislature passed a bill to weaken a law designed to protect our Great Lakes from invasive species like zebra mussels, thousands wrote to the governor and he vetoed the bill. Together, our voices helped stop the worst of the worse.

AHEAD OF US, WE HAVE BOTH A GREAT OPPORTUNITY AND TRUE CHALLENGE: TO RESET COURSE IN LANSING AND RETURN TO OUR STATE'S LEGACY OF ENVIRONMENTAL LEADERSHIP. We must boldly push forward a comprehensive plan to restore safe, affordable drinking water to every resident. We must repeal laws that give polluters a voice in how much air pollution is safe to breathe. We must stand up for our Great Lakes and protect them from oil pipelines, invasive species and algae blooms. We must work to connect and restore our public lands and ecosystems. We will fight for a Michigan that leads on climate change; one that sets a national standard for conservation, public health and high quality of life—and we hope you'll join us.

LOCKING FORVARD POLICIES THAT PUT #OURWATER FIRST.

Regardless of political party, Michiganders from all corners of our two peninsulas can agree that access to safe, clean, affordable drinking water and maintaining our pristine lakes, rivers and streams are critical to our way of life, health and economy. We also know that recent years have brought forth new challenges that necessitate bold, ambitious thinking by our elected leaders and state officials. That's why Michigan LCV launched the #OurWater campaign—an effort to push forward a comprehensive plan to address our state's growing water crisis and put the Great Lakes State on track toward being a leader in water conservation.



ALL MICHIGANDERS DESERVE CLEAN, AFFORDABLE DRINKING WATER

In a state surrounded by 80% of the nation's freshwater resources, every Michigander should have access to safe, clean, affordable drinking water, but too many communities are struggling with toxic water from their faucets, sky-high water rates and inhumane water shutoffs.

2019-20 LEGISLATIVE PRIORITIES:

- Protect our groundwater by replacing the recently expired Clean Michigan Initiative with a sustainable funding stream dedicated to the clean up of toxic sites and waterways.
- Lead the nation in addressing PFAS contamination by enacting an enforceable, scientifically-sound drinking water standard that puts public health first and drives thoughtful, systemic response actions statewide.
- Bring back Michigan's polluter pays law and require that private companies provide an alternate water supply if they release toxic chemicals into our drinking water.
- Update cleanup criteria standards for contaminated sites to ensure they represent the best available science and create a process that allows for further updates when needed to protect public health.

PROTECT OUR GREAT LAKES

The Great Lakes are at the heart of Michigan's heritage, culture and way of life. They're also one of the world's greatest freshwater resources and a key economic driver. It's our responsibility to stand up and protect our Great Lakes for future generations to enjoy.

2019-20 LEGISLATIVE PRIORITIES:

- Enact legislation to stop any future oil pipelines or oil tankers from running through the Great Lakes.
- Uphold Michigan's strict ballast water standards to keep invasive species out of the Great Lakes and urge surrounding states and Ontario to adopt Michigan's standard.
- Prevent aquatic invasive species from damaging Michigan's economy and natural systems; stop Asian carp from entering the Great Lakes through the Chicago Area Waterway System.
- Require large-scale farms use best management practices that are proven to reduce the amount of agriculture runoff that fuels harmful algae blooms in Lake Erie and other waterways.

UPGRADE MICHIGAN'S FAILING INFRASTRUCTURE

Reliable infrastructure is essential to keeping our water safe and clean, but decades of disinvestment in our municipal drinking and wastewater system have led to massive sewage overflows that close beaches, make our waterways unfishable and put our families and health at risk.

2019-20 LEGISLATIVE PRIORITIES:

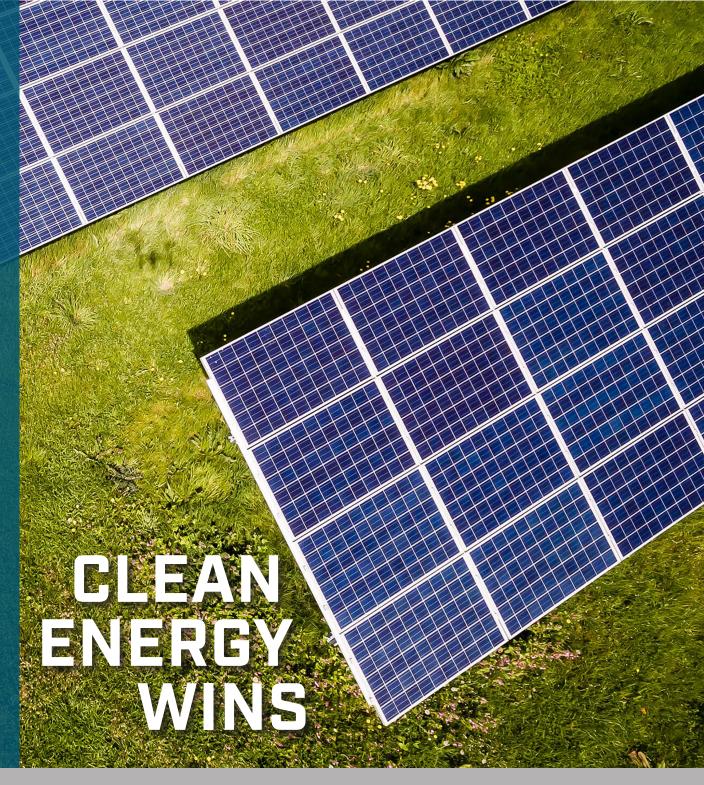
- Remove Michigan's half-million lead service lines the right way; work with municipalities and public water systems across the state to create lead service line replacement plans that ensure affordable tap water, particularly for low-income Michiganders.
- Put Michiganders to work by enacting a bold, comprehensive plan to rebuild our failing drinking and wastewater infrastructure
- Help local governments address combined sewer overflows and stormwater management; increase the adoption of green infrastructure and low-impact development.
- Keep human waste out of our drinking water by adopting a statewide septic code that requires regular inspections and provides low-income families with financial assistance to replace failing private drinking waters wells and septic systems.

Though we faced much adversity in this legislative session, we made progress on clean energy. In fact, this session illustrated that the debate is no longer if progress can be made on clean and efficient energy, but when. The tide has turned-- and if the bipartisan nature of these wins continue, Michigan's energy will increasingly be clean, green and more affordable.

In 2018, we saw Consumers and DTE Energy pledge to advance clean energy, committing to generate 50% of their power from a combination of clean energy and energy efficiency measures by 2030. We succeeded in having two bills signed into law that will boost energy efficiency in schools by providing financing methods for system upgrades. There was also an extension on home heating assistance for low-income Michiganders, and two bills providing both tax exemptions and increased tax clarity for homeowners with solar arrays are poised to go the distance as the 2018 session closes out.

Michigan's political and cultural shift toward embracing clean and efficient energy ought to be celebrated, but much work remains. We look to our future legislators and the Michigan Public Service Commission (which regulates public Michigan utilities) to make the energy wins of this past year stick. Their job lies in making the Consumers Energy pledge a reality, strengthening DTE's recent clean energy commitment, and encouraging the replacement of coal with solar, wind and energy measures.

As we work to green the grid, we must also position Michigan as a leader of the advanced mobility revolution. Moving forward, it's important we push for explosive growth in incentivizing electric vehicles, in the availability of statewide charging infrastructure for the vehicles, and in forwardthinking policy that makes clean energy accessible and affordable for every Michigander.



WHAT MADE THIS POSSIBLE? VOUL

In 2017 and 2018, you used your voice to encourage your legislators to move forward with clean energy, demand clean drinking water in our communities, and conserve our state's incredible natural resources.

Together, we are making a difference.

An important part of our work is holding our elected officials accountable. This scorecard tells you whether your representatives in Lansing listened to you and your neighbors, or if they listened to special interests.

TELL YOUR LEGISLATORS YOU KNOW THE SCORE

It only takes a minute to say thanks—or to say no thanks—to your legislators.

DONATE

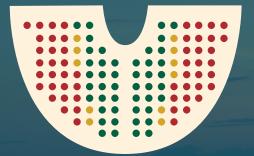
Because we could not accomplish our mission without the generous support of our members, please make a donation so we can continue fighting for clean air and clean water in your community and continue our stewardship of Michigan's unparalleled natural resources.

SPREAD THE WORD

Finally, share this scorecard with your friends and family so they know the score of their elected officials, too.

YOU CAN DO ALL OF THIS AT MICHIGANLCV.ORG/SCORECARD







SENATE Conservation Majority Breakdown



† Total number of legislators in the Michigan House exceeds number of House districts due to several special elections, early resignations from office, and the passing of one Representative during the term.

TOWARD A CONSERVATION MAJORITY

Because Michigan LCV is both political and nonpartisan, our goal is to build a proconservation majority of state lawmakers from both parties who support protecting the health of our communities by tackling the big issues facing Michigan's land, air, and water.

NOTABLE LEADERS

CLEAN ENERGY CHAMPIONS







Representative Jon Hoadley D–Kalamazoo

RepresentativeSenator Hoon-Donna LasinskiYung HopgoodD-Ann ArborD-Taylor

oon- Senator Rebekah ood Warren D–Ann Arbor

While the future of clean energy remains shrouded in uncertainty at the federal level, these lawmakers saw the clear economic and public health benefit of advancing clean energy here in Michigan. They introduced four bills that, together, would require that at least 50% of energy produced to come from renewable sources by 2035. While this legislation failed to move forward, Michigan's two major energy providers, DTE and Consumers Energy, took notice and made a bold commitment to produce 50% of their energy through a combination of clean energy and energy efficiency by 2030, positioning Michigan as a national leader in clean energy production.

#OURWATER ALL-STARS



RepresentativeRepresentativeJames LowerAbdullah HammoudR-Cedar LakeD-Dearborn

Surrounded by 80% of North America's freshwater, you would expect Michigan to be a leader in clean water protections, but we are the only state in the country without basic statewide standards governing how on-site sewage treatment systems are designed, built, installed and maintained. For decades, state lawmakers have worked to address this gap in environmental protection, and during the 2017-18 legislative session, Representatives Lower and Hammoud

worked with stakeholders to balance private, state and local control and introduce a bipartisan statewide septic code. The bill package received a hearing in the House Natural Resources Committee and discussion amongst stakeholders continues. If passed, their bills would address the millions of gallons of human waste that flow into Michigan's waterways every day and would help to protect the health of Michiganders, our drinking water and recreational economy for future generations.

BIPARTISAN LEADERSHIP TO BOOST SOLAR







RepresentativeReprGary GlennYousR-MidlandD-A

RepresentativeRepresentativeYousef RabhiTom BaD-Ann ArborR-Cha

RepresentativeRepresentativeTom BarrettScott DiandaR-CharlotteD-Calumet

Representative Steven Johnson R–Wayland

As the price of solar power continues to plummet, this bipartisan group of legislators fought to remove barriers that have long inhibited the growth of solar power in Michigan by introducing a set of bills called the Energy Freedom package. Together these bills would save residents money on their power bill, reduce carbon emissions and pollution, ensure residents got a fair price when they sold clean energy back to the grid, and made our energy infrastructure more reliable and resilient. We were proud to work with this group of legislators as they sought to boost renewable energy access and energy innovation.

ENVIRONMENTAL JUSTICE ADVOCATES



RepresentativeRepresentativeStephanie ChangAbdullah HammoudD-DetroitD-Dearborn

are the ones that bear the brunt of environmental degradation. Representatives Hammoud and Chang have worked tirelessly to improve environmental protections for communities disproportionately impacted by industrial pollution. Together, they've worked to ensure that regulators account for the cumulative impact of multiple industries on air quality and championed programs to ensure everyone has access to clean, affordable

Far too often underrepresented communities

drinking water. Lansing needs more leaders who are not only willing to stand up for our natural resources, but also understand the direct connections between the natural world and public health, and how these connections impact Michiganders differently based on their race, income, and geography.

MICHIGANLCV.ORG/SCORECARD MICHIGAN LEAGUE OF CONSERVATION VOTERS 11

BILL GRAVEYARD

The 2017-18 legislative session was marked by irresponsible proposals that set Michigan on a backwards trajectory. Meanwhile, many good ideas were never seriously considered or given a vote. Below is a snapshot of just some of the bills introduced this session that, if adopted, would have helped remedy some of the very real threats to the health and quality of life of Michigan's people. Michigan LCV is actively seeking champions to resurrect this critical legislation in 2019.

AIR QUALITY

HB 5556 // Rep. Vanessa Guerra • D-SAGINAW HB 5511 // Rep. Tenisha Yancey • D-DETROIT HB 5591 // Rep. David LaGrand • D-GRAND RAPIDS HB 5549 // Rep. Cara Clemente • D-LINCOLN PARK HB 6023 // Rep. Sylvia Santana • D-DETROIT HB 6143 // Rep. Abdullah Hammoud • D-DEARBORN

Michigan ranks the seventh highest in the nation in estimated deaths related to air pollution. These bills would have strengthened Michigan's air quality rules and allowed for more community engagement in the permitting process. If enacted, the bills would: (1) set a baseline expectation for air quality; (2) allow legislators adequate time to review a permit, weigh in, and prepare the community; (3) increase accountability for the permit seeker; (4) prevent discriminatory polluting; (5) give community members the ability to decide what goes into their communities and, (6) require that the state considers the cumulative impact of a new permit on air quality.

CLEAN ENERGY

HB 4791 & SB 475 // Rep. Jon Hoadley • D-KALAMAZOO; Sen. Hoon-Yung Hopgood • D-TAYLOR HB 4792 & SB 476 // Rep. Donna Lasinski • D-ANN ARBOR; Sen. Rebekah Warren • D-ANN ARBOR

Energy efficiency (EE) is the cheapest, cleanest, and most quickly deployed source of energy available. The State of Michigan's own studies prove there is much we can do to make our buildings and energy infrastructure more efficient. These bills would have reduced energy waste and satisfied both public and corporate demand for clean energy. By requiring that 50% of Michigan's energy come from renewable sources by 2035, combined with increasing energy efficiency to 2% by 2022, these bills would have significantly lowered toxic air and water pollution, carbon emissions, and energy costs for Michiganders.

GOOD GOVERNMENT & FAIR ELECTIONS

HJR 0 // Rep. Jon Hoadley • D-KALAMAZOO

Everyone—Republicans, Democrats and independents deserves to have their vote secure and counted. This joint resolution would have expanded Michigan's current constitutional provisions surrounding the right to vote to include: allowing no-reason absentee ballots, early voting, automatic voter registration, and the automatic sending of a ballot to all Michigan voters serving in the military and/or living overseas at least 45 days prior to an election.

PROTECTING MICHIGAN'S WATERS

HB 6242-6249 // Rep. Sam Singh • D-EAST LANSING; Rep. Terry Sabo • D-MUSKEGON; Rep. Bill Sowerby • D-CLINTON TWP; Rep. Sara Cambensy • D-MARQUETTE; Rep. Yousef Rabhi • D-ANN ARBOR; Rep. Kevin Hertel • D-ST. CLAIR SHORES; Rep. Stephanie Chang • D-DETROIT SB 943 // Sen. Mike Nofs • R-BATTLE CREEK HB 5898 // Rep. Larry Inman • R-WILLIAMSBURG

In 1998, Michigan voters overwhelmingly approved the Clean Michigan Initiative (CMI), a twenty-year fund that made Michigan a leader in environmental cleanup. Voters' approval of the CMI permitted the state to issue \$675 million in general obligation bonds for environmental clean up and natural resource protection. CMI funding has allowed the state to clean up over a thousand toxic brownfield sites and contaminated waterways. The CMI ran out of funds in fiscal year 2018-2019, but there are still over 7,000 known contaminated sites statewide. Michigan needs to secure stable funding sources to remediate these sites and restore the often unusable polluted land and water in our communities. These bills offered different long-term funding solutions to replace the CMI.

SAFE DRINKING WATER

HB 5375 // Rep. Winnie Brinks • D-GRAND RAPIDS

PFAS are part of a long-researched, but under-regulated family of industrial chemicals created in the 1940s. Known as the "forever chemical," PFAS compounds persist for long periods of time in the environment and our bodies, and pose a risk to human health. It is estimated that the chemical compound will be detected at potentially 11,000 locations statewide. Michigan is currently using the EPA's advisory-only standard of 70 parts per trillion (ppt), but a growing body of research has shown that this level is far too high to protect public health. This bill would establish an enforceable drinking water standard of 5 ppt—making Michigan a nationwide leader—and would require the state to take immediate action if a community is out of compliance



SCØRECARD

THE 2017-2018 FLOOR SCORE is the combined total of all pro-conservation floor votes divided by the total number of scored votes.

THE AVERAGED COMMITTEE SCORE is the combined average of all committee scores a legislator receives.

THE COMMITTEE BUMP A legislator gets a bump if they take pro-environmental vote in committee. If they vote against the environment in committee it subtracts from their overall score. The Committee Bump is calculated from the Committee Score based on the following scale::

0%-10% = -10% 10%-20% = -8% 20%-30% = -6% 30%-40% = -4% 40%-50% = -2% 50%-60% = 2% 60%-70% = 4% 70%-80% = 6% 80%-90% = 8%90%-100% = 10%

THE 2017-2018 SCORE is the combined total of the Floor Score and the Committee Bump.

THE CONSERVATION MAJORITY is calculated by looking at the individual 2017-2018 scores of each legislator. A legislator becomes part of the conservation majority if they have a score of 75% to 100%. A legislator is considered a "maybe" with a score of 50% to 75%. A legislator is considered a "no" with a score of 0% to 49%.

THE LIFETIME AVERAGE SCORE is a composite average of the legislator's final scores throughout their terms in office.

Michigan LCV ensures that legislators know our position on a proposal through the weekly delivery of our legislative Hot List publication, the use of "right to score" language in all written testimony, and direct communication with members and caucus staff.



REPRESENTATIVE	DISTRICT	TERM	HB 4080 & 4457	HB 4149-4157	HB 4205	HB 4583	HB 5095	HB 5335 & 5406	SB 839	SB 652-653	HB 5143 & 5680	SB 302-303 & HB 447	HB 5854-5855	FLOOR SCORE	COMMITT EE SCORE	COMMITTEE BUMP	2017-2018 SCORE	CONSERVATION Majority [`]	LIFETIME AV ERAGE
Afendoulis, Chris (R-Grand Rapids)	73	2	\checkmark	\checkmark	Х	Х	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	Х	\checkmark	73%			73%	MAYBE	60%
Albert, Thomas (R-Lowell)	86	1	\checkmark	\checkmark	Х	Х	Х	\checkmark	Х	Х	Х	Х	X	27%			27%	NO	27%
Alexander, Julie (R-Hanover)	64	1	\checkmark	\checkmark	Х	Х	х	\checkmark	Х	Х	\checkmark	Х	Х	36%	75%	6	42%	NO	42%
Allor, Sue (R-Wolverine)	106	1	\checkmark	\checkmark	Х	Х	\checkmark	\checkmark	Х	\checkmark	\checkmark	Х	Х	55%			55%	MAYBE	55%
Barrett, Tom (R-Charlotte)	71	2	\checkmark	\checkmark	Х	Х	х	\checkmark	Х	Х	\checkmark	Х	Х	36%			36%	NO	30%
Bellino, Joseph (R-Monroe)	17	1	\checkmark	\checkmark	Х	Х	Х	\checkmark	Х	Х	\checkmark	Х	Х	36%	0%	-10	26%	NO	26%
Bizon, John (R-Battle Creek)	62	2	\checkmark	\checkmark	\checkmark	Х	х	\checkmark	Х	Х	\checkmark	Х	Х	45%			45%	NO	42%
Brann, Tommy (R-Wyoming)	77	1	\checkmark	\checkmark	Х	Х	Х		Х	Х	\checkmark	1	\checkmark	45%			45%	NO	45%
Brinks, Winnie (D-Grand Rapids)	76	3	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	100%			100%	YES	98 %
Byrd, Wendell (D-Detroit)	3	2	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	Х	91%			91 %	YES	87 %
Calley, Julie (R-Portland)	87	1	\checkmark	\checkmark	Х	Х	х	\checkmark	Х	Х	\checkmark	Х	Х	36%	83%	8	44%	NO	44%
Cambensy, Sara (D-Marquette)	109	1*					\checkmark	\checkmark	Х	\checkmark	\checkmark	Х	√	71%	25%	-8	63%	MAYBE	63%
Camilleri, Darrin (D-Brownstown)	23	1	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	100%	100%	10	100%	YES	100%
Canfeild, Ed (R-Sebewaing)	84	2	\checkmark	\checkmark	Х	Х	х	\checkmark	Х	Х	\checkmark	Х	Х	36%			36%	NO	39 %
Chang, Stephanie (D-Detroit)	6	2	\checkmark	\checkmark	\checkmark	√	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	√	√	100%	100%	10	100%	YES	100%
Chatfield, Lee (R-Levering)	107	2	\checkmark	\checkmark	Х	Х	х	\checkmark	Х	Х	\checkmark	Х	Х	36%	50%	2	38%	NO	32%
Chirkun, John (D-Roseville)	22	2	\checkmark	\checkmark	\checkmark	√	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	Х	Х	82%	100%	10	92 %	YES	96 %
Clemente, Cara (D-Lincoln Park)	14	1	\checkmark	\checkmark	\checkmark	√	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	√	√	100%	100%	10	100%	YES	100%
Cochran, Tom (D-Mason)	67	3	\checkmark	\checkmark	\checkmark	√	\checkmark	Х	\checkmark	\checkmark	\checkmark	√	√	91%			91 %	YES	94%
Cole, Triston (R-Mancelona)	105	2	\checkmark	\checkmark	Х	х	Х	\checkmark	Х	Х	\checkmark	Х	Х	36%	75%	6	42%	NO	33%
Cook-Scott, Bettie (D-Detroit)	2	1	\checkmark	\checkmark	\checkmark	\checkmark	A	А	\checkmark	Ε	\checkmark	\checkmark	\checkmark	80%	0%	-10	70%	MAYBE	70%
Cox, Laura (R-Livonia)	19	2	\checkmark	\checkmark	Х	Х	Х	\checkmark	Х	Х	\checkmark	Х	Х	36%			36%	NO	41%
Crawford, Kathy (R-Novi)	28	1	\checkmark	\checkmark	Х	х	Х	\checkmark	Х	Х	\checkmark	Х	Х	36%	50%	2	38%	NO	38%
Dianda, Scott (D-Calumet)	38	3	Х	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	Х	\checkmark	\checkmark	Х	\checkmark	73%			73%	YES	69 %
Durhal, Fred (D-Detroit)	5	2	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	100%			100%	YES	97 %
Elder, Brian (D-Bay City)	96	1	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	Х	√	91%			91 %	YES	91 %

22

X Anti-conservation vote

✓ Pro-conservation vote

E Excused (neutral), not counted in total number of votes scored

A Absent (negative) anti-conservation vote

* Indicate that a special election took place or a member served a partial term.

HB 4080 & 4457: Financing for Energy Conservation Improvements for K-12 and Higher Education facilities

HB 4149-4157: Expanding FOIA to Legislators and the Governor's Office

HB 4205: Restricts the State From Promulgating Rules More Strict Than Federal Rules

HB 4583: Allows the DEQ to Reimburse Owners of Leaking Underground Storage Tanks for Remediation

HB 5095: Rolls Back Michigan's Ballast Water Regulations

HB 5335 & HB 5406: Creates and Develops a Water Asset Management Council within the DEQ

SB 839: Allows a mining permittee to relocate, reconfigure or modify mining facilities without obtaining an amendment to their mining permit

SB 652-653: Creates an Environmental Rule Review Committee and Permit Appeal Panel

HB 5143 & 5680: Reinstates the Property Tax Exemption for Alternative Energy Systems and Excludes Solar Systems from Real Property Tax

SB 302-303 & HB 4475: Creates Restrictions on State Land Use and Management

HB 5854-5855: Weakens Requirements for Wetland Restoration; Transfers Certain DEQ Permitting to DNR

KE

- X Anti-conservation vote
- ✓ Pro-conservation vote

E Excused (neutral), not counted in total number of votes scored

A Absent (negative) anti-conservation vote

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REPRESENTATIVE	DISTRICT	TERM	HB 4080 & 4457	HB 4149-4157	HB 4205	HB 4583	HB 5095	HB 5335 & 5406	SB 839	SB 652-653	HB 5143 & 5680	SB 302-303 & HB 4475	HB 5854-5855	FLOOR SCORE	COMMITTEE SCORE	COMMITTEE BUMP	2017-2018 SCORE	CONSERVATION MAJORITY	LIFETIME AVERAGE
Ellison, Jim (D-Royal Oak)	26	1	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	A	\checkmark	\checkmark	\checkmark	Х	82%	100%	10	92 %	YES	92%
Faris, Pam (D-Clio)	48	3	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	100%			100%	YES	100%
Farrington, Diana (R-Utica)	30	1	\checkmark	\checkmark	Х	х	Х	\checkmark	X	Х	\checkmark	Х	х	36%			36%	NO	36%
Frederick, Ben (R-Owosso)	85	1	\checkmark	\checkmark	X	х	Х	\checkmark	Х	Х	\checkmark	Х	X	36%	25%	-8	28%	NO	28%
Garcia, Daniela (R-Holland)	90	3	\checkmark	\checkmark	X	х	Х	\checkmark	X	Х	\checkmark	Х	х	36%	33%	-6	30%	NO	33%
Garrett, LaTanya (D-Detroit)	7	2	\checkmark	Ε	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	100%			100%	YES	100%
Gay-Dagnogo, Sherry (D-Detroit)	8	2	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	X	\checkmark	\checkmark	\checkmark	\checkmark	91%			91 %	YES	96 %
Geiss, Erika (D-Taylor)	12	2	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	100%	100%	10	100%	YES	96 %
Glenn, Gary (R-Midland)	98	2	\checkmark	\checkmark	Х	x	х	\checkmark	Х	Х	\checkmark	Х	х	36%			36%	NO	27%
Graves, Joseph (R-Linden)	51	3	\checkmark	\checkmark	X	X	Х	\checkmark	Х	Х	\checkmark	Х	Х	36%	0%	-10	26%	NO	30%
Green, Patrick (D-Warren)	28	1*	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	100%	100%	10	100%	YES	100%
Greig, Christine (D-Farmington Hills)	37	2	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	100%	100%	10	100%	YES	100%
Greimel, Tim (D-Auburn Hills)	29	3	\checkmark	\checkmark	\checkmark	\checkmark	Х	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	91%			91 %	YES	94%
Griffin, Beth (R-Paw Paw)	66	1	\checkmark	\checkmark	X	X	Х	\checkmark	Х	Х	\checkmark	Х	X	36%			36%	NO	36%
Guerra, Vanessa (D-Saginaw)	95	2	\checkmark	\checkmark	\checkmark	\checkmark	X	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	91%	100%	10	100%	YES	100%
Hammoud, Abdullah (D-Dearborn)	15	1	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	100%	100%	10	100%	YES	100%
Hauck, Roger (R-Mt. Pleasant)	99	1	\checkmark	\checkmark	X	Х	X	\checkmark	X	Х	\checkmark	Х	X	36%	50%	2	38%	NO	38%
Hernandez, Shane (R-Port Huron)	83	1	\checkmark	\checkmark	X	Х	Х	\checkmark	X	Х	\checkmark	Х	X	36%			36%	NO	36%
Hertel, Kevin (D-St. Clair Shores)	18	1	\checkmark	\checkmark	Ε	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	100%	100%	10	100%	YES	100%
Hoadley, Jon (D-Kalamazoo)	60	2	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	100%			100%	YES	100%
Hoitenga, Michelle (R-Manton)	102	1	\checkmark	\checkmark	X	х	Х	\checkmark	X	Х	\checkmark	Х	х	36%			36%	NO	36%
Hornberger, Pamela (R-Chesterfield Twp)	32	1	\checkmark	\checkmark	X	Х	Х	\checkmark	Х	Х	\checkmark	Х	X	36%	0%	-10	26%	NO	26%
Howell, Gary (R–North Branch)	82	1*	\checkmark	\checkmark	х	x	\checkmark	\checkmark	х	Х	\checkmark	Х	х	45%	50%	2	47%	NO	35%
Howrylak, Martin (R-Troy)	41	3	\checkmark	\checkmark	\checkmark	\checkmark	Х	\checkmark	\checkmark	\checkmark	Х	\checkmark	Х	73%	0%	-10	63%	MAYBE	61%
Hughes, Holly (R-Montague)	91	3	\checkmark	\checkmark	\checkmark	x	Х	\checkmark	x	Х	\checkmark	Х	х	45%	100%	10	55%	MAYBE	53%
lden, Brandt (R-Kalamazoo)	61	2	\checkmark	\checkmark	x	x	Х	\checkmark	Х	Х	\checkmark	Х	х	36%	0%	-10	26%	NO	31%

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REPRESENTATIVE	DISTRICT	TERM	HB 4080 & 4457	HB 4149-4157	HB 4205	HB 4583	HB 5095	HB 5335 & 5406	SB 839	SB 652-653	HB 5143 & 5680	SB 302-303 & HB 4475	HB 5854-5855	FLOOR SCORE	COMMITT EE SCORE	COMMITTEE BUMP	2017-2018 SCORE	CONSERVATION MAJORITY	LIFETIME AVERAGE
Inman, Larry (R-Williamsburg)	104	2	\checkmark	\checkmark	Х	Х	\checkmark	\checkmark	Х	Х	\checkmark	Х	Х	45%			45%	MAYBE	46%
Johnson, Steven (R-Wayland)	72	1	\checkmark	\checkmark	Х	Х	Х	Х	Х	\checkmark	\checkmark	Х	Х	36%	50%	2	38%	NO	38%
Jones, Jewell (D-Inkster)	11	1	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	√	√	100%			100%	YES	100%
Kahle, Bronna (R-Adrian)	57	1	\checkmark	\checkmark	Х	X	Х	\checkmark	Х	Х	\checkmark	Х	Х	36%	100%	10	46%	NO	46%
Kelly, Tim (R-Saginaw)	94	3	\checkmark	\checkmark	Х	X	Х	\checkmark	Х	х	\checkmark	Х	Х	36%			36%	NO	32%
Kesto, Klint (R-Walled Lake)	39	3	\checkmark	\checkmark	X	Х	Х	\checkmark	Х	Х	\checkmark	Х	Х	36%	33%	-6	30%	NO	30%
Kivela, John (D-Marquette)	109	3*	\checkmark	\checkmark										100%			100%	YES	87 %
Kosowski, Robert (D-Westland)	16	3	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	Х	Х	82%			82%	YES	83%
LaFave, Beau (R-Iron Mountain)	108	1	\checkmark	\checkmark	Х	X	Х	\checkmark	Х	Х	\checkmark	Х	Х	36%	0%	-10	26%	NO	26%
LaGrand, David (D-Grand Rapids)	75	1*	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	√	√	100%			100%	YES	100%
LaSata, Kim (R-St. Joseph)	79	1	\checkmark	\checkmark	Х	X	Х	\checkmark	Х	Х	\checkmark	Х	Х	36%			36%	NO	36%
Lasinski, Donna (D-Ann Arbor)	52	1	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	√	√	100%			100%	YES	100%
Lauwers, Dan (R-Brockway)	81	3	\checkmark	\checkmark	X	X	Х	\checkmark	Х	Х	\checkmark	Х	X	36%			36%	NO	36%
Leonard, Tom (R-Dewitt)	93	3	\checkmark	\checkmark	X	X	Х	\checkmark	Х	Х	\checkmark	X	X	36%			36%	NO	35%
Leuthueuser, Eric (R-Hillsdale)	58	2	\checkmark	\checkmark	Х	Х	Х	\checkmark	Х	Х	\checkmark	Х	Х	36%	50%	2	38%	NO	42%
Liberati, Frank (D-Allen Park)	13	2	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	100%			100%	YES	100%
Lilly, Jim (R-Macatawa)	89	1	\checkmark	\checkmark	Х	Х	Х	\checkmark	Х	Х	\checkmark	Х	Х	36%	58%	2	38%	NO	38%
Love, Leslie (D-Detroit)	10	2	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	100%	100%	10	100%	YES	100%
Lower, James (R-Cedar Lake)	70	1	\checkmark	\checkmark	Х	Х	Х	\checkmark	Х	Х	\checkmark	Х	Х	36%	75%	6	42%	NO	42%
Lucido, Peter (R-Shelby Twp)	36	2	\checkmark	\checkmark	X	X	Х	\checkmark	Х	X	\checkmark	X	X	36%	100%	10	46%	NO	46%
Marino, Steve (R-Mt. Clemens)	24	1	\checkmark	\checkmark	X	X	Х	\checkmark	Х	X	\checkmark	X	X	36%			36%	NO	36%
Maturen, David (R-Vicksburg)	63	2	\checkmark	\checkmark	X	Ε	\checkmark	\checkmark	Х	X	\checkmark	X	X	50%	73%	6	56%	MAYBE	46%
McCready, Mike (R-Birmingham)	40	3	\checkmark	\checkmark	\checkmark	X	\checkmark	\checkmark	X	X	\checkmark	X	Х	55%	100%	10	65%	MAYBE	51%
Miller, Aaron (R-Sturgis)	59	2	\checkmark	\checkmark	X	X	X	\checkmark	Х	X	\checkmark	Х	X	36%	66%	4	40%	NO	36%
Moss, Jeremy (D-Southfield)	35	2	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	√	√	100%	100%	10	100%	YES	100%
Neeley, Sheldon (D-Flint)	34	2	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	√	100%	100%	10	100%	YES	98 %

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X Anti-conservation vote

✓ Pro-conservation vote

E Excused (neutral), not counted in total number of votes scored

A Absent (negative) anti-conservation vote

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Noble, Jeff (R-Plymouth)	20	1	\checkmark	\checkmark	Х	Х	Х	\checkmark	Х	Х	\checkmark	Х	Х	36%	100%	10	46%	NO	46%
Pagan, Kristy (D-Canton)	21	2	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	100%			100%	YES	100%
Pagel, Dave (R-Berrien Springs)	78	3	\checkmark	\checkmark	\checkmark	х	х	\checkmark	х	х	\checkmark	х	Х	45%			45%	NO	42%
Peterson, Ronnie (D-Ypsilanti)	54	1	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	100%			100%	YES	100%
Phelps, Phil (D-Flushing)	49	3	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	100%			100%	YES	96%
Rabhi, Yousef (D-Ann Arbor)	53	1	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	100%			100%	YES	100%
Reilly, John (R-Oakland)	46	1	\checkmark	\checkmark	х	х	х	\checkmark	х	\checkmark	\checkmark	х	х	45%			45%	NO	45%
Rendon, Daire (R-Lake City)	103	1	\checkmark	\checkmark	Х	х	Х	\checkmark	Х	Х	\checkmark	Х	Х	36%	16%	-8	28%	NO	28%
Roberts, Brett (R-Charlotte)	65	2	\checkmark	\checkmark	Х	х	Х	\checkmark	х	Х	\checkmark	Х	Х	36%	100%	10	46 %	NO	45%
Robinson, Rose Mary (D-Detroit)	4	3	Х	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	Х	\checkmark	\checkmark	82%			82%	YES	83%
Runestad, Jim (R-White Lake)	44	2	\checkmark	\checkmark	х	х	х	\checkmark	х	х	\checkmark	Х	Х	36%	100%	10	46%	NO	39%
Sabo, Terry (D-Muskegon)	92	1	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	100%	100%	10	100%	YES	100%
Santana, Sylvia (D-Detroit)	9	1	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	100%			100%	YES	100%
Schor, Andy (D-Lansing)	68	3*	\checkmark	\checkmark	\checkmark	\checkmark								100%	0%	-10	90 %	YES	9 5%
Sheppard, Jason (R-Lambertville)	56	2	\checkmark	\checkmark	Х	Х	Х	\checkmark	Х	Х	\checkmark	Х	Х	36%			36%	NO	41%
Singh, Sam (D-East Lansing)	69	3	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	100%			100%	YES	97 %
Sneller, Tim (D-Burton)	50	1	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	100%			100%	YES	100%
Sowerby, William (D-Clinton Twp)	31	1	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	100%	100%	10	100%	YES	100%
Tedder, Jim (R-Clarkston)	43	2	\checkmark	\checkmark	Х	х	Х	\checkmark	х	Х	\checkmark	Х	Х	36%	100%	10	46%	NO	42%
Theis, Lana (R-Brighton)	42	2	\checkmark	\checkmark	Х	Х	Х	\checkmark	Х	Х	\checkmark	Х	X	36%			36%	NO	36%
VanderWall, Curt (R-Ludington)	101	1	\checkmark	\checkmark	Х	х	Х	\checkmark	х	Х	\checkmark	Х	Х	36%	0%	-10	26%	NO	26%
VanSingel, Scott (R-Grant)	100	1	\checkmark	\checkmark	\checkmark	х	\checkmark	\checkmark	Х	Х	\checkmark	Х	X	55%			55%	MAYBE	55%
Vaupel, Hank (R-Fowlerville)	47	2	\checkmark	\checkmark	х	х	х	\checkmark	х	х	\checkmark	Х	х	36%	75%	6	42%	NO	44%
VerHeulen, Rob (R-Walker)	74	3	\checkmark	\checkmark	Х	Х	\checkmark	\checkmark	Х	\checkmark	\checkmark	Х	Х	55%			55%	MAYBE	51%
Victory, Roger (R-Hudsonville)	88	3	\checkmark	\checkmark	х	х	х	\checkmark	х	х	\checkmark	х	х	36%			36%	NO	37%
Webber, Mike (R-Rochester Hills)	45	2	\checkmark	\checkmark	Х	Х	Х	\checkmark	Х	Х	\checkmark	Х	Х	36%	83%	8	44%	NO	46%

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Wentworth, Jason (R-Farewell)	97	1	\checkmark	\checkmark	Х	Х	Х	√	х	х	\checkmark	Х	Х	36%	33%	-6	30%	NO	30%
Whiteford, Mary (R-Allegan)	80	1*	\checkmark	\checkmark	Х	Х	Х	\checkmark	х	Х	\checkmark	Х	Х	36%			36%	NO	37%
Wittenberg, Robert (D-Oak Park)	27	2	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	√	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	100%			100%	YES	93 %
Yancey, Tenisha (D-Detroit)	1	1*					\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	100%	100%	10	100%	YES	100%
Yanez, Henry (D-Sterling Heights)	25	3	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	100%			100%	YES	94 %
Yaroch, Jeff (R-Richmond)	33	1	\checkmark	\checkmark	Х	Х	\checkmark	\checkmark	Х	Х	\checkmark	Х	Х	45%			45%	NO	45%
Zemke, Adam (D-Ann Arbor)	55	3	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	√	\checkmark	√	\checkmark	\checkmark	√	100%	100%	10	100%	YES	100%

Footnotes:

1.Representative Brian Banks resigned from his seat in the House in January, 2017.

2. Representative John Kivela passed away in May, 2017.

3. Representative Andy Schor left office to run for Mayor of Lansing in December, 2017.

4. There are 111 legislators included instead of 110. The total number of legislators in the Michigan House exceeds number of House Districts due to several special elections, early resignations from office, and the untimely passing of one Representative during their term.

5. After changes to the bill, Michigan LCV went neutral on SB 129 during the House Committee.

6. After changes to the bill, Michigan LCV went neutral on HB 5638 for the House floor vote.

7. Michigan LCV chose to include the concurrence vote on HB 5095. The first vote breakdown for HB 5095 was: 66 YEAS 42 NAYS.

8. On bills where there is more than one bill listed for the vote, Michigan LCV chose to use the vote breakdown of the first bill introduced. Below are all vote discrepancies for the other bills listed.

- Representative Love voted yes on SB 653.
- Representative Maturen voted no on HB 5680 •
- Representatives Dianda and Robinson voted yes on HB 4457. Representatives Chang and Howrylak voted yes on SB 303. •
- •
- Representative Byrd voted no for HB 5855.



Conservation Majority Based on Score



X Anti-conservation vote

✓ Pro-conservation vote

E Excused (neutral), not counted in total number of votes scored

A Absent (negative) anti-conservation vote

* Indicate that a special election took place or a member served a partial term.

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HB 5854-5855: Weakens Requirements for Wetland Restoration; Transfers Certain DEQ Permitting to DNR

KE'

X Anti-conservation vote

✓ Pro-conservation vote

E Excused (neutral), not counted in total number of votes scored

A Absent (negative) anti-conservation vote

P Pass (pro-conservation vote)

* Indicate that a special election took place or a member served a partial term.

A NOTE ABOUT COMMITTEE SCORES

The Committee Score is the combined total of all proconservation committee votes divided by the total number of scored votes in that committee.

The Averaged Committee Score is the combined average of all committee scores a legislator receives.

The Committee Bump is calculated from the Averaged Committee Score based on the following scale:

0%—9% = -10%	
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20%—29% = -6%	
30%—39% = -4%	
40%—49% = -2%	
50%—59% = 2%	
60%—69% = 4%	
70%—79% = 6%	
80%—89% = 8%	
90%—100% = 10%	

COMMITTEE ON LOCAL GOVERNMENT

HB 4080 & 4457: Financing for Energy Conservation Improvements for K-12 School Districts and Higher Education Facilities

HB 4290: Municipal Immunity for Private Property Damage Due to Sewer Back Up

COMMITTEE MEMBER	SCORE	HB 4080 & 4457	HB 4290
Gary Howell	50%	\checkmark	Х
Roger Hauck	50%	\checkmark	Х
Jim Runestad	100%	\checkmark	Р
Ben Frederick	50%	\checkmark	X
Julie Alexander	50%	\checkmark	X
Kathy Crawford	50%	\checkmark	Х
James Lower	50%	\checkmark	X
Jeremy Moss	100%	\checkmark	\checkmark
Tery Sabo	100%	\checkmark	\checkmark
Jim Ellison	100%	\checkmark	\checkmark
Patrick Green	100%	\checkmark	\checkmark

COMMITTEE ON ELECTIONS & ETHICS

SB 425-429: Creation of Online Voter Registration within the SOS **HB 5548-5549:** Creation of Online Voter Registration within the SOS

COMMITTEE MEMBER	SCORE	SB 425-429	HB 5548-5549
Aaron Miller	100%	\checkmark	\checkmark
Julie Calley	100%	\checkmark	\checkmark
Klint Kesto	100%	\checkmark	\checkmark
Daniella Garcia	100%	\checkmark	\checkmark
Jim Lilly	100%	\checkmark	\checkmark
Michael Webber	100%	\checkmark	\checkmark
Vanessa Guerra	100%	\checkmark	\checkmark
Adam Zemke	100%	\checkmark	\checkmark
Jeremy Moss	100%	\checkmark	\checkmark

COMMITTEE ON TRANSPORTATION & INFRASTRUCTURE

HB 5335 & HB 5406: Creates and Develops a Water Asset Management Council within the DEQ

COMMITTEE MEMBER	SCORE	HB 5335 & HB 5406
Triston Cole	100%	\checkmark
Michael Webber	100%	\checkmark
Peter Lucido	100%	\checkmark
David Maturen	100%	\checkmark
Brett Roberts	100%	\checkmark
Gary Howell	100%	\checkmark
Julie Alexander	100%	\checkmark
Julie Calley	100%	\checkmark
Jeff Noble	100%	\checkmark
John Chirkun	100%	\checkmark
Leslie Love	100%	\checkmark
Cara Clemente	100%	\checkmark
Terry Sabo	100%	\checkmark
Tenisha Yancey	100%	\checkmark





COMMITTEE ON NATURAL RESOURCES

HB 4583: Allows the DEQ to Reimburse Owners of Leaking Underground Storage Tanks for Remediation
SB 839: Allows a mining permittee to relocate, reconfigure or modify mining facilities without obtaining an amendment to their mining permit
HB 5638: Amends the DEQ's Water Withdrawal Review Process
SB 302-303 & HB 4475: Creates Restrictions on State Land Use and Management
SB 409: Payments for the Use of Bottomlands

COMMITTEE MEMBER	SCORE	HB 4583	SB 839	HB 5638	SB 302-303 & HB 4475	SB 409
Gary Howell	0%	X	X	X	X	X
Beau LaFave	0%	X	X	X	X	X
David Maturen	20%	X	X	X	X	\checkmark
Joseph Bellino	0%	X	X	X	X	X
Daire Rendon	0%	X	X	X	X	X
Curt VanderWall	0%	X	X	X	X	X
William Sowerby	100%	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Stephanie Chang	100%	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Christine Greig	100%	\checkmark	No longer on committee	No longer on committee	No longer on committee	No longer on committee
Sara Cambensy	25%	E	X	Р	X	X

KE)

X Anti-conservation vote

 \checkmark Pro-conservation vote

E Excused (neutral), not counted in total number of votes scored

A Absent (negative) anti-conservation vote

P Pass (pro-conservation vote)

* Indicate that a special election took place or a member served a partial term.

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50%—59% = 2%
60%—69% = 4%
70%—79% = 6%
30%—89% = 8%
70%—100% = 10%

KE'

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50%—59% = 2%
60%—69% = 4%
70%—79% = 6%
80%—89% = 8%
90%—100% = 10%

COMMITTEE ON COMMERCE & TRADE

HB 5095: Rollback of Michigan's Ballast Water Regulations

COMMITTEE MEMBER	SCORE	HB 5095
Eric Leutheuser	0%	X
Daniella Garcia	0%	Х
Holly Hughes	100%	\checkmark
Klint Kesto	0%	X
Michael McCready	100%	\checkmark
Brandt Iden	0%	X
Ben Frederick	0%	X
Pamela Hornberger	0%	X
Daire Rendon	0%	Х
Andy Schor	0%	X
Tim Griemel	100%	Р
Wendell Byrd	100%	E
Erika Geiss	100%	Р
Bettie Cook-Scott	0%	X
Darrin Camilleri	100%	\checkmark





COMMITTEE ON MICHIGAN COMPETITIVENESS

HB 4149-4157: Expanding FOIA to Legislators and the Governor's Office **SB 652-653:** Environmental Rule Review Committee and Permit Appeal Panel

COMMITTEE MEMBER	SCORE	HB 4149-4157	SB 652-653
Lee Chatfield	50%	\checkmark	X
Jim Lilly	50%	\checkmark	Х
Triston Cole	50%	\checkmark	Х
Hank Vaupel	50%	\checkmark	Х
Daire Rendon	50%	\checkmark	Х
Jason Wentworth	50%	\checkmark	Х
Erika Geiss	100%	\checkmark	\checkmark
Abdullah Hammoud	100%	\checkmark	\checkmark
Sheldon Neeley	100%	\checkmark	No longer on committee
Tenisha Yancey	100%	E	\checkmark

COMMITTEE ON TAX POLICY

HB 5143 & 5680: Reinstates the Property Tax Exemption for Alternative Energy Systems and Excludes Solar Systems from Real Property Tax

COMMITTEE MEMBER	SCORE	HB 5143 & 5680
Jim Tedder	100%	\checkmark
David Maturen	100%	\checkmark
Martin Howrylak	0%	X
Eric Leutheuser	100%	\checkmark
Peter Lucido	100%	\checkmark
Hank Vaupel	100%	\checkmark
Steven Johnson	100%	\checkmark
Bronna Kahle	100%	\checkmark
James Lower	100%	\checkmark
Wendell Byrd	100%	\checkmark
Sheldon Neeley	100%	\checkmark
Jim Ellison	100%	\checkmark
Tenisha Yancey	100%	\checkmark

COMMITTEE ON OVERSIGHT

HB 4205: Restricts the State From Promulgating Rules More Strict Than Federal Rules

COMMITTEE MEMBER	SCORE	HB 4205
Joseph Graves	0%	Х
Martin Howrylak	0%	X
Steven Johnson	0%	Х
Brandt Iden	0%	Х
Kevin Hertel	100%	\checkmark
John Chirkun	100%	\checkmark



KE)

- X Anti-conservation vote
- ✓ Pro-conservation vote

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50%—59% = 2%
60%—69% = 4%
70%—79% = 6%
80%—89% = 8%
90%-100% = 10%

SENATE FLOOR VOTES

KE'

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SB 129: Regulate Small Native Copper Mines Separately

HB 4080 & 4457: Financing for Energy Conservation Improvements for K-12 School Districts and Higher Education Facilities

SB 280: Micromanaging the Natural Resources Trust Fund

SB 302-303 & HB 4475: Creates Restrictions on State Land Use and Management

SB 409: Payments for the Use of Bottomlands

SB 425-429: Creation of Online Voter Registration within the SOS

SB 839: Allows a mining permittee to relocate, reconfigure or modify mining facilities without obtaining an amendment to their mining permit

HB 4583: Allows the DEQ to Reimburse Owners of Leaking Underground Storage Tanks for Remediation

HB 5095: Rollback of Michigan's Ballast Water Regulations

SB 652-53: Creates an Environmental Rule Review Committee and Permit Appeal Panel

SB 763 & SJR 0: Modifies the Allowable Expenditures from the NRTF and Parks Endowment Fund and Proposes a Constitutional Amendment to Adopt Changes

REPRESENTATIVE	DISTRICT	TERM	SB 129	HB 4080 & 4457	SB 280	SB 302-202 & HB 4475	SB 409	SB 425-429	SB 839	HB 4583	HB 5095	SB 652-653	SB 763 & SJR D	FLOOR SCORE	COMMITTEE SCORE	COMMITTEE BUMP	2017-2018 SCORE	CONSERVATION MAJORITY	LIFETIME AVERAGE
Ananich, Jim (D-Flint)	27	1*	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	100%			100%	YES	95 %
Bieda, Steven M (D-Warren)	9	2	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	100%			100%	YES	100%
Booher, Darwin L (R-Evart)	35	2	Х	\checkmark	х	х	Х	\checkmark	х	х	х	Х	х	18%	0%	-10	8%	NO	22%
Brandenburg, Jack (R-Harrison Twp)	8	2	Х	\checkmark	Х	Х	Х	\checkmark	Х	Х	Х	Х	Х	18%	100%	10	28%	NO	32%
Casperson, Tom (R-Escanaba)	38	2	х	\checkmark	х	х	х	E	E	х	E	х	х	13%	50%	2	15%	NO	19%
Colbeck, Patrick (R-Canton)	7	2	Х	\checkmark	Х	Х	Х	Х	Х	Х	Х	Х	Х	9%			9 %	NO	23%
Conyers, Ian (D-Detroit)	4	1*	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	E	\checkmark	\checkmark	\checkmark	\checkmark	100%	100%	10	100%	YES	100%
Emmons, Judy (R-Sheridan)	33	2	Х	\checkmark	Х	Х	Х	\checkmark	Х	Х	Х	Х	х	18%	100%	10	28%	NO	29%
Green, Mike (R-Mayville)	31	2	Х	\checkmark	х	х	х	\checkmark	х	х	х	х	х	18%	0%	-10	8%	NO	22%
Gregory, Vincent (D-Lathrup Village)	11	2	Ε	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	91%	100%	10	100%	YES	97 %
Hansen, Goeff (R-Hart)	34	2	х	\checkmark	х	х	х	\checkmark	х	х	х	х	х	18%	0%	-10	8%	NO	25%
Hertel Jr, Curtis (D-East Lansing)	23	1	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	Х	\checkmark	\checkmark	91%	100%	10	100%	YES	100%
Hildenbrand, Dave (R-Lowell)	29	2	Х	\checkmark	х	х	х	\checkmark	х	х	х	х	х	18%	0%	-10	8%	NO	22%
Hood, Morris III (D-Detroit)	3	2	Ε	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	E	\checkmark	100%	100%	10	100%	YES	100%
Hopgood, Hoon-Yung (D-Taylor)	8	2	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	100%	100%	10	100%	YES	99 %
Horn, Ken (R-Frankenmuth)	32	1	Х	\checkmark	Х	Х	Х	\checkmark	Х	Х	Х	Х	Х	18%	100%	10%	28%	NO	30%
Hune, Joe (R-Gregory)	22	2	х	\checkmark	х	х	х	\checkmark	х	х	х	Х	х	18%			18%	NO	25%
Johnson, Bert (D-Highland Park)	2	2	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark		Ε				100%			100%	YES	98 %
Jones, Rick (R-Grand Ledge)	24	2	Х	\checkmark	\checkmark	\checkmark	Х	\checkmark	\checkmark	Х	\checkmark	Х	х	55%			55%	MAYBE	52%
Knezek, David (D-Dearborn Heights)	5	1	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	х	\checkmark	\checkmark	91%	100%	10	100%	YES	96 %
Knollenberg, Marty (R-Troy)	13	1	Х	\checkmark	х	х	х	\checkmark	х	х	х	х	х	18%	0%	-10	8%	NO	23%
Kowall, Mike (R-White Lake)	15	2	Х	\checkmark	Х	Х	Х	\checkmark	Х	Х	Х	Х	Х	18%	0%	-10	8%	NO	23%
MacGregor, Peter (R-Rockford)	28	1	х	\checkmark	х	х	х	\checkmark	х	х	х	х	х	18%	0%	-10	8%	NO	20%
Marleau, Jim (R-Lake Orion)	12	2	Х	\checkmark	Х	Х	Х	\checkmark	E	Х	Х	Х	х	20%	50%	2	22%	NO	30%
Meekhof, Arlan (R-Grand Haven)	30	2	х	\checkmark	Х	Х	х	\checkmark	Х	х	х	х	Х	18%			18%	NO	28%
Nofs, Mike (R-Battle Creek)	19	2	Х	\checkmark	Х	Х	Х	\checkmark	Х	х	х	Х	Х	18%	0%	-10	8%	NO	20%
O'Brien, Margaret (R-Portage)	20	1	х	\checkmark	х	х	х	\checkmark	х	х	х	х	х	18%			18%	NO	32%
Pavlov, Phil (R- St. Clair)	25	2	Х	\checkmark	Х	Х	Х	\checkmark	Х	Х	Х	Х	Х	18%	50%	2	20%	NO	21%

SENATE FLOOR VOTES

REPRESENTATIVE	DISTRICT	TERM	SB 129	HB 4080 & 4457	SB 280	SB 302-202 & HB 4475	SB 409	SB 425-429	SB 839	HB 4583	HB 5095	SB 652-653	SB 763 & SJR 0	FLOOR SCORE	COMMITTEE SCORE	COMMITTEE BUMP	2017-2018 SCORE	CONSERVATION MAJORITY	LIFETIME AVERAGE
Proos, John (R-St. Joseph)	21	2	Х	\checkmark	Х	Х	Х	\checkmark	Х	Х	Х	Х	Х	18%	50%	2	20%	NO	26%
Robertson, David (R-Grand Blanc)	14	2	Х	\checkmark	Х	Х	X	\checkmark	Х	Х	Х	Х	Х	18%	50%	2	20%	NO	24%
Rocca, Tory (R-Sterling Heights)	10	2	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	100%	100%	10	100%	YES	87%
Schmidt, Wayne (R-Traverse City)	37	1	Х	\checkmark	\checkmark	Х	Х	\checkmark	Х	Х	Х	Х	Х	27%			27%	NO	31%
Schuitmaker, Tonya (R-Lawton)	26	2	х	\checkmark	х	х	Х	\checkmark	Х	х	Х	х	х	18%	0%	-10	8%	NO	18%
Shirkey, Mike (R-Clarklake)	16	1	E	\checkmark	X	Х	X	\checkmark	Х	Х	X	Х	X	22%	50%	2	24%	NO	26%
Stamas, Jim (R-Midland)	36	1	Х	\checkmark	Х	Х	Х	\checkmark	Х	Х	Х	Х	Х	18%	0%	-10	8%	NO	20%
Warren, Rebekah (D-Ann Arbor)	18	2	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	100%	100%	10	100%	YES	100%
Young, Coleman II (D-Detroit)	1	2	\checkmark	\checkmark	\checkmark	E	\checkmark	\checkmark	\checkmark	E	\checkmark	\checkmark	\checkmark	100%	100%	10	100%	YES	98 %
Zorn, Dale (R-Ida)	17	1	\checkmark	\checkmark	Х	Х	Х	\checkmark	Х	Х	Х	Х	Х	27%	100%	10	37%	NO	34%

Footnotes:

- 1. Senator Bert Johnson resigned in February, 2018.
- 2. Michigan LCV chose to include the concurrence vote on HB 5095. The first vote breakdown for HB 5095 was: 25 YEAS 11 NAYS 2 EXCUSED.

3. HB 4475's vote breakdown differed from SB 302-303. Sen. Casperson was excused and Sen. Johnson was no longer in office at the time of the vote.



KE)

X Anti-conservation vote

Pro-conservation vote

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SB 280: Micromanaging the Natural Resources Trust Fund

SB 302-303 & HB 4475: Creates Restrictions on State Land Use and Management

SB 409: Payments for the Use of Bottomlands

SB 425-429: Creation of Online Voter Registration within the SOS

SB 839: Allows a mining permittee to relocate, reconfigure or modify mining facilities without obtaining an amendment to their mining permit

HB 4583: Allows the DEQ to Reimburse Owners of Leaking Underground Storage Tanks for Remediation

HB 5095: Rollback of Michigan's Ballast Water Regulations

SB 652-53: Creates an Environmental Rule Review Committee and Permit Appeal Panel

SB 763 & SJR 0: Modifies the Allowable Expenditures from the NRTF and Parks Endowment Fund and Proposes a Constitutional Amendment to Adopt Changes

SENATE COMMITTEE VOTES

KE)

- X Anti-conservation vote
- ✓ Pro-conservation vote

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50%—59% = 2%
60%—69% = 4%
70%—79% = 6%
80%—89% = 8%
90%—100% = 10%

COMMITTEE ON LOCAL GOVERNMENT

HB 4080 & 4457: Financing for Energy Conservation Improvements for K-12 School Districts and Higher Education Facilities

COMMITTEE MEMBER	SCORE	HB 4080 & 4457
Jack Brandenburg	100%	\checkmark
Dale Zorn	100%	\checkmark
John Proos	100%	\checkmark
Tory Rocca	100%	\checkmark
Coleman Young II	N/A	E

COMMITTEE ON APPROPRIATIONS

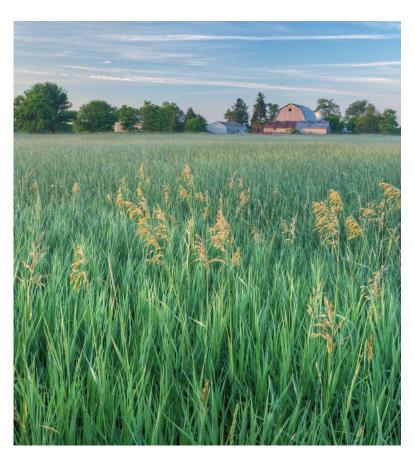
SB 280: Micromanaging the Natural Resources Trust Fund

COMMITTEE MEMBER	SCORE	SB 280
Dave Hildenbrand	0%	X
Peter MacGregor	0%	X
John Proos	0%	Х
Tonya Schuitmaker	0%	Х
Darwin Booher	0%	Х
Mike Green	0%	Х
Geoff Hansen	0%	Х
Jim Stamas	0%	Х
Mike Shirkey	0%	Х
Marty Knollenberg	0%	Х
Jim Marleau	0%	X
Mike Nofs	0%	Х
Vincent Gregory	100%	\checkmark
Hoon-Yung Hopgood	100%	\checkmark
Curtis Hertel Jr.	100%	1
David Knezek	100%	\checkmark
Coleman Young	100%	\checkmark

COMMITTEE ON ELECTIONS & GOVERNMENT REFORM

SB 425-429: Creation of Online Voter Registration within the SOS

COMMITTEE MEMBER	SCORE	SB 425-429
David Robertson	100%	\checkmark
Jack Brandenburg	100%	\checkmark
Judy Emmons	100%	\checkmark
Mike Shirkey	100%	\checkmark
Morris Hood III	100%	\checkmark



SENATE COMMITTEE VOTES

COMMITTEE ON NATURAL RESOURCES

SB 129: Regulate Small Native Copper Mines Separately

SB 302-303 & HB 4475: Creates Restrictions on State Land Use and Management

HB 4583: Allows the DEQ to Reimburse Owners of Leaking Underground Storage Tanks for Remediation

HB 5095: Rollback of Michigan's Ballast Water Regulations

SB 652-653: Creates an Environmental Rule Review Committee and Permit Appeal Panel

SB 839: Allows a mining permittee to relocate, reconfigure or modify mining facilities without obtaining an amendment to their mining permit

SB 763 and SJR 0: Modifies the Allowable Expenditures from the NRTF and Parks Endowment Fund and Proposes a Constitutional Amendment to Adopt Changes

SB 409: Payments for the Use of Bottomlands

COMMITTEE MEMBER	SCORE	SB 129	SB 302-303 6 HB 4475	HB 4583	HB 5095	SB 652-653	SB 839	SB 763 & SJR 0	SB 409
Tom Casperson	0%	Х	Х	X	Х	Х	Х	Х	Х
Phil Pavlov	0%	Х	Х	Х	Х	Х	Х	Х	Х
David Robertson	0%	Х	Х	X	Х	Х	Х	Х	Х
Jim Stamas	0%	Х	Х	Х	Х	Х	X	Х	Х
Rebekah Warren	100%	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark

COMMITTEE ON TRANSPORTATION

HB 5335 & HB 5406: Creates and Develops a Water Asset Management Council within the DEQ

COMMITTEE MEMBER	SCORE	HB 5335 & HB 5406
Tom Casperson	100%	\checkmark
Ken Horn	100%	\checkmark
Phil Pavlov	100%	\checkmark
Jim Marleau	100%	\checkmark
lan Conyers	100%	\checkmark

COMMITTEE ON OVERSIGHT

HB 4205: Restricts the State From Promulgating Rules More Strict Than Federal Rules

COMMITTEE MEMBER	SCORE	HB 4205	
Peter MacGregor	0%	X	
Mike Kowall	0%	X	
Jim Stamas	0%	X	
Tonya Schuitmaker	0%	X	
Vincent Gregory	N/A	E	

KE)

X Anti-conservation vote

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70%—79% = 6%
80%—89% = 8%
90%—100% = 10%

BILL SUMMARIES



HB 4080 & HB 4457 FINANCING FOR ENERGY CONSERVATION IMPROVEMENTS FOR K-12 SCHOOL DISTRICTS AND HIGHER EDUCATION FACILITIES

House Bill 4080 would allow school districts and House Bill 4457 would allow higher education programs to increase their energy efficiency by authorizing additional financing methods for energy efficiency upgrades to school facilities or infrastructure. These improvements may be paid from operating funds of the school district, from the proceeds of bonds issued for energy conservation and operational improvements, or from an installment contract. Installment contracts may contain a written financial guarantee providing that the costs of improvements will be paid only if the energy savings are sufficient to cover them. The use of this new financing method will allow school districts to undertake needed energy efficiency projects without incurring substantial long-term debt.

CURRENT STATUS: Signed by the Governor

HB 4149-4157 EXPANDING FOIA TO LEGISLATORS AND THE GOVERNOR'S OFFICE

House Bills 4149-4157 would expand the Michigan Freedom of Information Act (FOIA) to the Governor's office and create the Legislative Open Records Act (LORA) which would include the legislature in Michigan's open record laws. Michigan's current FOIA laws are outdated and insufficient. Michigan is one of only two states that currently exempts the Governor's office from open record laws. This bill package would increase transparency and accountability in the executive and legislative branches. However, we have concerns that LORA allows the legislature to control the decision making process on records requests, the lack of an option for judicial appeal and, the various exemptions in LORA that could be used as tools to prevent the exchange of public information.

CURRENT STATUS: Stalled in the Senate Committee

SB 129 REGULATE SMALL NATIVE COPPER MINES SEPARATELY

Senate Bill 129 would establish a separate, inadequate permitting process for small native copper mines. The bill does not have additional, needed water quality protections for the new permitting process like baseline water quality monitoring and/or ways to conduct additional water quality testing if water contamination concerns arise during mining operations. Additionally, there is no mechanism (public hearing or public comment period) for individuals or groups to weigh in on the Department of Environmental Quality (DEQ)'s decision to issue a permit for a native copper mine. This bill does include a critical provision that will ensure mining activity related to native copper would not take place in sulfur bearing rock thus limiting the risk of acid mine drainage.

CURRENT STATUS: Signed by the Governor

HB 4205 RESTRICTS THE STATE FROM PROMULGATING RULES MORE STRICT THAN FEDERAL RULES

House Bill 4205 would prohibit state agencies from adopting or creating rules that are stricter than federal standards. Under the bill, a more stringent state rule would only be permitted if the Director of an agency determined that there was a preponderance of evidence to exceed the federal standard and provided an explanation of the exceptional circumstances that necessitate the need for a more stringent standard. In Michigan, our Great Lakes and natural resources are central to our economy and our way of life, and as such, they warrant the utmost protection. Instead of giving state agencies the flexibility they need to develop a regulatory structure that fits Michigan's unique natural resources, this bill would add to an already lengthy rulemaking process and defer critical decisions about the protection of our natural resources and public health to the federal government.

CURRENT STATUS: Stalled in the Senate

HB 4290

MUNICIPAL IMMUNITY FOR PRIVATE PROPERTY DAMAGE DUE TO SEWER BACK UP

House Bill 4290 would expand government immunity from tort liability for flooding events that backup sewage disposal systems and cause property damage. Currently residents are able to seek damages for property loss from local governments if a sanitary sewage system backs up due to a heavy rainfall and discharges raw sewage into their home. Under the pending legislation, however, if the rainfall at or near the affected area or within the sewage disposal system service area is 1.7 inches or more in any one-hour period or 3.3 inches in any continuous 24-hour period then local government would be immune from property loss claims. This level of rainfall event can be expected to occur as often as every five years, so the bill would release governments from liability from relatively common precipitation events; mitigating accountability and citizen recourse for holding local governments responsible for the maintenance and upkeep of vital infrastructure. Instead of seeking immunity, local governments and the legislature should ensure that sanitary sewer systems are upgraded and maintained to accommodate the need and to withstand higher rainfall events.

CURRENT STATUS: Stalled on House Floor

SB 280 MICROMANAGING THE NATURAL RESOURCES TRUST FUND

Senate Bill 280 would push more Natural Resources Trust Fund (NRTF) expenditures towards development projects through the creation of numerous loopholes that would push the NRTF board to fund as many recreation development projects as possible. This is a shift away from the original intent of voters for the NRTF to serve primarily as a land acquisition fund. Michiganders voted to constitutionally protect the NRTF because they recognized the importance of public lands to Michigan's economy and quality of life. In addition, this bill would allow for the use of the NRTF monies to re-buy or provide "reimbursement" for land that is already in public ownership or is already providing public recreational benefit. Finally, this bill would require that the Department of Natural Resources (DNR) pursue NRTF funding prior to seeking any other funding source for a project. There are many viable sources of funding to support public land acquisition but the state should not deny the opportunities to secure these recreational opportunities by picking one fund as essentially "primary."

CURRENT STATUS: Stalled in the House Committee

SB 302-303 & HB 4475

CREATES RESTRICTIONS ON STATE LAND USE AND MANAGEMENT

Taken together, House Bill 4475 and Senate Bills 302-303 would overhaul the Department of Natural Resources' (DNR) current procedure for acquiring and managing public lands in Michigan. These bills undermine Michigan's public lands and outdoor legacy by diminishing the ability of the DNR to acquire and soundly manage public lands. The bills give local units of government veto power over state-level land acquisition decisions, require State payment-in-lieu-of-taxes (PILT) to be made (a legislative responsibility) before land can be acquired (an executive activity), and allow funds previously restricted to land acquisition to go towards land management and development projects. Additionally, the bills place restrictions on the DNR's ability to manage existing land to protect or enhance biological diversity and ecosystem health. Finally, the bills require the DNR to do more public outreach about land management decisions, but they do not provide the DNR with new staff or resources to accomplish these added requirements.

CURRENT STATUS: Signed by the Governor

BILL SUMMARIES

HB 4583 Allows the deq to reimburse owners of leaking underground Storage tanks for remediation

House Bill 4583 would create the Legacy Underground Storage Tank Cleanup program. The bill would also enable the Department of Environmental Quality (DEQ) to reimburse owners or operators of leaking underground storage tanks for remediation actions that are not currently reimbursable under the existing underground storage tank cleanup program. In so doing, the bill would pull clean up funding away from leaking underground storage tanks that are "orphaned"- where there is no responsible liable party. When a site is orphaned the state of Michigan is tasked with clean up and currently Michigan spends about \$30 million every year to remediate these sites because the contamination poses serious risks to groundwater. In Michigan, there are over 6,500 orphaned sites where there is no responsible party left to pay for digging out the old tanks and removing the soil. Given the extent of the problem, funding from the Refined Petroleum Fund should continue to be directed towards orphaned sites and not used to reimburse for remediation where there is an owner or responsible party present.

CURRENT STATUS: Signed by the Governor

SB 409 PAYMENTS FOR THE USE OF BOTTOMLANDS

Senate Bill 409 would limit the amount that the Department of Environmental Quality (DEQ) could charge a property owner to lease a Great Lakes bottomland breakwater to 1% of the current state equalized value of the lessee's property agreed to by the DEQ. The bill would also require the DEQ to waive the annual charge if the property owner allowed public use of the harbor during storms. Under current law, the DEQ determines the amount a private property owner must pay to enter into such a lease agreement and this charge is considered compensation to the public for use of the bottomlands and for any negative impacts hard structures such as breakwaters have on aquatic environments. Reducing the lease charge to 1% of the current state equalized value of the lessee's property or eliminating it all together would encourage breakwater construction and would hinder the DEQ's ability to protect the public trust by setting an accurate lease price that takes into account both the impact a breakwater could have on the value to the property owner and on the public through the deterioration of the aquatic ecosystem. Governor Snyder vetoed a similar proposal in 2016 that would have limited lease fees to just \$10.

CURRENT STATUS: Signed by the Governor

SB 425-429

REQUIRES THE SOS TO DEVELOP AND MAINTAIN AN ONLINE VOTER REGISTRATION INTERFACE

Senate Bills 425-429 would require the Secretary of State (SOS) to develop and maintain an electronic voter registration interface to allow an applicant to submit a voter registration application electronically through the SOS website.

CURRENT STATUS: House Floor

HB 5095 Rollback of Michigan's Ballast Water Standard

House Bill 5095 would rollback Michigan's ballast water pollution standards and weaken Michigan's safeguards to the U.S. Coast Guard's ballast water standards. Ballast water pollution in the Great Lakes has brought invasive species, bacteria and viruses from around the world into our Great Lakes where they drive native species to extinction, disrupt aquatic food chains, do lasting damage to commercial and recreational fisheries, and push aquatic ecosystems into dangerously unstable territory. Numerous studies have identified aquatic invasive species as the largest stressor impacting the health of the Great Lakes. By removing Michigan's current water protections and subjecting Michigan to weaker US Coast Guard standards, HB 5095 would dramatically increase the risk and number of new invasive species entering the Great Lakes.

CURRENT STATUS: Vetoed by the Governor after passing both chambers

HB 5143 & HB 5680 REINSTATES THE PROPERTY TAX EXEMPTION FOR ALTERNATIVE ENERGY SYSTEMS AND EXCLUDES SOLAR SYSTEMS FROM REAL PROPERTY TAX

House Bill 5143 would reinstate the property tax exemption for alternative energy systems (AES) that was in effect from 2002 until to 2012. This bill would ensure that AES would be exempt from personal property tax as long as they offset all or a portion of the energy use for the property. House Bill 5680 would exclude residential solar panels from being considered as true cash value under real property tax during an assessment. Taken together, these proposals would simplify our current patchwork system around taxation of distributed energy systems. This is especially critical for residential customers, many of whom without this legislation would have a significant disincentive to invest in distributed energy systems.

CURRENT STATUS: In Senate Committee

SB 652

CREATES AN ENVIRONMENTAL RULE REVIEW COMMITTEE AND PERMIT APPEAL PANEL

Senate Bill 652 would create an environmental rules review committee to oversee all rule-making of the Department of Environmental Quality (DEQ). The bill states that the environmental rules review committee consists of the Department Directors (or his or her designee) of the DEQ, the department of health and human services (DHHS), and the chief executive officer of the Michigan economic development corporation (MEDC). In addition to the Department heads, the committee will consist of one individual from each of the following areas: the solid waste management industry, a statewide manufacturing organization, a statewide organization that represents small businesses, a public energy utility, a statewide environmental organization, the oil and gas industry, a statewide agricultural organization, a local government, a statewide land conservancy organization, a medical professional and, one individual who represents the general public.

CURRENT STATUS: Signed by the Governor

SB 653

CREATES AN ENVIRONMENTAL RULE REVIEW COMMITTEE AND PERMIT APPEAL PANEL

Senate Bill 653 would establish a permit appeal panel for the Department of Environmental Quality (DEQ). The panel shall consist of 15 individuals that meet all of the following requirements: a professional in the fields of engineering, geology, or hydrology who have a master's degree from an accredited institution of higher education, the equivalence of at least 8 years of full-time relevant experience and are currently engaged in their respective fields through participation in continuing education or other activities. This bill states that a permit applicant who is aggrieved by the decision of the DEQ regarding the approval or denial of a permit application or the content of a permit may appeal to the appeal board by submitting a petition to the Director of the DEQ. If the dispute can not be solved privately. the Director shall convene a meeting of an appeal board hearing where all involved will be given an opportunity to present their positions. Within 45 days after hearing the appeal, the appeal board shall make a decision regarding the petition and provide written notice of the decision, including the scientific and technical rationale for the decision, to the director of the department and the petitioner. Post the notice of the appeal board's decision, the board may adopt, modify, or reverse, in whole or in part, the department's decision. The director shall issue a final decision, in writing, incorporating the appeal board's decision into the terms of the permit. If the director fails to issue a final decision within the time period provided, the decision of the appeal board shall be considered the final decision of the Director.

CURRENT STATUS: Signed by the Governor

HB 5335 & HB 5406

CREATES AND DEVELOPS A WATER ASSET MANAGEMENT COUNCIL WITHIN THE DEQ.

HB 5335 would create the Michigan Infrastructure Council Act. This council would be required to develop and coordinate asset management plans for transportation and water. The council would then oversee the development of local Asset Management planning for transportation and water infrastructure. The bill also calls for a predictive analytics to forecast asset condition, and a public dashboard of state, regional, and local system performance across asset classes. In addition, the council would be required to develop and publish a 30-year integrated infrastructure strategy that is updated every 5 years. House Bill 5406 would create a water asset management council within the Department of Environmental Quality (DEQ). The council would be tasked with all of the following: advising the Michigan Infrastructure Council on a statewide water asset management strategy and the processes and tools needed to implement a strategy: promoting and overseeing the implementation of the recommendations; and developing a template for asset management plans by October, 2019. The council would be required to annually submit a report on asset condition and investment to the Michigan Infrastructure Council that includes an analysis of the asset management plans received from drinking water, sewer, and stormwater entities; recommendations on water, sewer, and stormwater condition goals; and analysis of how the utilities are meeting those goals.

CURRENT STATUS: Signed by the Governor



SB 763 & SJR O

MODIFIES THE ALLOWABLE EXPENDITURES FROM THE NRTF AND PARKS ENDOWMENT FUND AND PROPOSES A CONSTITUTIONAL AMENDMENT TO ADOPT CHANGES

Taken together, Senate Bill 763 and Senate Joint Resolution O would amend the Michigan Constitution to eliminate the \$500 million cap on the Natural Resources Trust Fund (NRTF). In 2011, the NRTF reached the statutory cap of \$500 million, allowing only the interest and earnings to be spent on Trust Fund projects and requiring all new oil, gas, and mineral revenues under state ownership to be sent to the State Parks Endowment Fund (Endowment Fund). These proposals require: not less than 50% of the Endowment Fund be expended on operations, maintenance, and capital improvements at state parks, and for the acquisition of land; not less than 20% be directed towards local public development projects including on invasive species chemical and herbicide control, and 25% to be retained by the Endowment Fund for principal growth. The bill retains the Endowment Fund Cap at \$800 million and requires that after the Endowment Fund cap is reached, oil, gas, and mineral revenues accumulated be directed back to the NRTF. The proposals also change the NRTF funding ratios to require at least 25% to be expended on new acquisitions and at least 25% on development projects. Earnings and interest would be retained by the Endowment Fund to be spent on operations, maintenance, and capital improvements at State Parks, and to maintain principle.

CURRENT STATUS: House Committee

HB 5548-5549 REQUIRES THE SOS TO DEVELOP AND MAINTAIN AN ELECTRONIC VOTER REGIS-TRATION INTERFACE

House Bills 5548-49 would require the Secretary of State (SOS) to develop and maintain an electronic voter registration interface to allow an applicant to submit a voter registration application electronically through the SOS website.

CURRENT STATUS: Senate Committee

SB 839

ALLOWS A MINING PERMITTEE TO RELOCATE, RECONFIGURE OR MODIFY FACILITIES WITHOUT OBTAINING AN AMENDMENT TO THEIR MINING PERMIT

Senate Bill 839 would broadly grant permissions to mine operators to amend and propose mining activities within previously "permitted mining areas." The bill would allow mine operators to relocate, reconfigure, or modify surface or underground facilities, or equipment without obtaining a permit amendment from the Department of Environmental Quality (DEQ) if the modification takes place within the permitted mining area and does not require an amendment to "any other permits" issued by the DEQ. Additionally, the bill would require the DEQ to determine, within 30 days, whether the requested permit amendment constitutes a "significant change." Upon that determination, the DEQ would need to consider whether the proposal would result in environmental impacts that are increased or different from those addressed. Once finalized, the DEQ would need to approve or deny the request.

CURRENT STATUS: Signed by the Governor

HB 5638 AMENDS THE DEQ'S WATER WITHDRAWAL REVIEW PROCESS

House Bill 5638 would revise the requirements, standards and process for determining an adverse resource impact (ARI-stream and fish population damage) from high volume water withdrawals (averaging 100,000 gallons per day for 30 days). Under this bill, an individual applying for a water withdrawal could circumvent the Site Specific Review process in Zone B (cold transitional streams) through the hiring of their own hydrogeologist who would analyze if the proposed withdrawal would have an ARI. The Department of Environmental Quality (DEQ) would then have 10 working days to respond to the hydrogeologist's findings and would have to prove that the withdrawal would cause an ARI in order to stop the withdrawal. At their current funding, the DEQ would not be able to adequately respond in 10 days to a large number of permit applications. The DEQ stated that they would need at least 3-4 FTE's and 500,000-\$1,000,000 annually to meet this 10 day turn around. (Their current response time average is approximately 35 days). This bill could allow more large quantity water withdrawals to be approved without the proper protections and understanding of the potential ARIs. These bills could lead to future aquifer depletion, well conflicts, retroactive disapproval of automatically permitted withdrawals and, may violate Michigan's responsibility to protect groundwater under federal statute in the Great Lakes Compact.

CURRENT STATUS: Signed by the Governor

HB 5854-5855

WEAKENS REQUIREMENTS FOR WETLAND RESTORATION; TRANSFERS CERTAIN DEQ PERMITTING TO DNR

House Bills 5854-5855 would create a program at the Department of Natural Resources (DNR) enabling the issuance of voluntary wetland restoration (VWR) projects. The bills would enable organizations (whose primary stated mission is wetland conservation) to do voluntary wetland restorations with reduced permitting requirements. For example, a floodplain permit under Part 31 (Water Resources Protection), a permit under Part 301 (Inland Lakes and Streams), or an environmental area permit under Part 323 (Shorelands Protection and Management) would not be required for VWR project activities undertaken to restore an area that was historically a wetland. The following activities would also be exempt from permitting if conducted by a person or organization who is able to apply for a VWR project permit: the management of wetland water levels to manage fish or wildlife habitat, to prevent or control invasive species, or to benefit threatened and endangered species, and any maintenance or repair activities to sustain wetland values or functions. fish or wildlife habitat, or related outdoor recreation access. The bills raise federal Clean Water Act compliance concerns regarding the State of Michigan's Memorandum of Understanding with the U.S. Army Corps of Engineers. Michigan is one of two states (New Jersey) with broad rights in implementing federal wetland protections. Notwithstanding the bill's intent, there are unintended consequences and hydraulic risks in altering wetland and hydric soil areas, particularly those with connectivity to inland lakes and streams without a thorough review

CURRENT STATUS: Senate Floor



MICHIGAN LEAGUE OF CONSERVATION VOTERS

ANN ARBOR MAIN OFFICE

3029 Miller Rd. Ann Arbor, MI 48103 (734) 222-9650

LANSING OFFICE

216 N. Chestnut St. Lansing, MI 48933

GRAND RAPIDS OFFICE

400 Ann St. NW, Ste 206 Grand Rapids, MI 49504 (616) 288-3057

TRAVERSE CITY OFFICE

148 E. Front St., 3rd Floor Traverse City, MI 49684 (231) 486-5286