

Agriculture and Natural Resources Appropriations Bill Senate File 609

Last Action:
Senate Floor
April 8, 2019

An Act relating to and making appropriations and related statutory changes involving state government entities involved with agriculture, natural resources, and environmental protection, and including effective date provisions.

**Fiscal Services Division
Legislative Services Agency**

NOTES ON BILLS AND AMENDMENTS (NOBA)

Available online at www.legis.iowa.gov/publications/information/appropriationBillAnalysis

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FUNDING SUMMARY

FY 2020 Funding: Appropriates a total of \$40.0 million from the General Fund and 1,569.0 full-time equivalent (FTE) positions for FY 2020. This is an increase of \$604,000 and 149.7 FTE positions compared to estimated net FY 2019.

Page 1, Line 1

The General Fund increase includes:

- An increase of \$304,000 for operations in the Department of Agriculture and Land Stewardship (DALs) for the implementation of the Iowa Industrial Hemp Act.
- An increase of \$50,000 for the Farmers with Disabilities Program.
- An increase of \$250,000 for the Foreign Animal Disease Program.
- The FY 2020 FTE positions are authorized at the same level as the number of positions authorized during the 2018 Legislative Session in [HF 2491](#) (FY 2019 Agriculture and Natural Resources Appropriations Act).

Appropriates \$91.0 million from Other Funds, which maintains the level of funding compared to estimated FY 2019.

MAJOR INCREASES/DECREASES/TRANSFERS OF EXISTING PROGRAMS

General Fund - DALs Administrative Division: Appropriates a total of \$18.3 million from the General Fund and 372.0 FTE positions for FY 2020. This is an increase of \$304,000 and 49.7 FTE positions compared to estimated net FY 2019 for Department operations.

Page 1, Line 4

General Fund – Farmers with Disabilities: Appropriates a total of \$180,000 from the General Fund for FY 2020. This is an increase of \$50,000 compared to estimated net FY 2019. The funding will support the Rural Solutions Program that provides assistance to farm family members and rural residents with disabilities. The Easter Seals Society of Iowa offers agricultural work site and home modification consultations, peer support, and services for the family.

Page 4, Line 31

General Fund - DALs Foreign Animal Disease Program: Appropriates a total of \$500,000 from the General Fund for FY 2020. This is an increase of \$250,000 compared to estimated net FY 2019. The increase will be used to improve DALs staff emergency response time, upgrade the Program to using an electronic database, update response plans, and engage stakeholders throughout Iowa.

Page 5, Line 23

General Fund - DNR Operations: Appropriates a total of \$11.6 million from the General Fund and 1,146.0 FTE positions for FY 2020. This maintains the current level of funding and is an increase of 97.0 FTE positions for operations compared to estimated net FY 2019.

Page 8, Line 12

EXECUTIVE SUMMARY

AGRICULTURE AND NATURAL RESOURCES APPROPRIATIONS BILL

General Fund - Iowa State University (ISU): Appropriates \$4.1 million and 51.0 FTE positions to ISU for the Veterinary Diagnostic Laboratory. Maintains the current level of funding with an increase of 3.0 FTE positions compared to estimated net FY 2019.

Page 12, Line 2

Environment First Fund (EFF): Appropriates \$42.0 million from the EFF and maintains the current level of funding compared to estimated net FY 2019.

Page 12, Line 31

Environment First Fund - Resources Enhancement and Protection (REAP) Fund: Appropriates \$12.0 million from the Environment First Fund to the REAP Fund in lieu of the \$20.0 million General Fund standing appropriation. Allows the DNR to use up to \$1.0 million from the Open Spaces Account for state park maintenance and repairs.

Page 20, Line 25

STUDIES AND INTENT

Transfers \$200,000 from the DALs General Fund appropriation for the Administrative Division to the ISU Veterinary Diagnostic Laboratory contingent upon enactment of [SF 601](#) (Pesticide Applicator Fee Bill).

Page 1, Line 21

Requires the DNR to allocate 50.0 FTE positions to State park operations for seasonal maintenance and upkeep. This does not impact park ranger or park manager positions.

Page 8, Line 24

Allows the DNR to use up to \$250,000 from the EFF appropriation for State Parks Maintenance and Operations to support the salaries and benefits for 3.0 FTE State Park Ranger positions.

Page 16, Line 6

SIGNIFICANT CODE CHANGES

Makes Iowa Code changes relating to the Fish and Game Protection Fund including:

Page 9, Line 5

- Permitting the DNR to use unappropriated funds in the Fish and Game Protection Fund to provide compensation to retiring conservation peace officers. This includes payment of insurance premiums and unused sick leave.
- Permitting the DNR to use unappropriated funds from the Fish and Game Protection Fund for FY 2020 salary increases.

Specifies that programs funded from the EFF can use funds for up to two fiscal years, except for Soil and Water Conservation Cost Share Program projects. Those projects have up to four fiscal years to use funds.

Page 17, Line 22

Codifies the requirement for the DALs to establish and administer a program to audit motor fuel that

Page 21, Line 9

EXECUTIVE SUMMARY

AGRICULTURE AND NATURAL RESOURCES APPROPRIATIONS BILL

SENATE FILE 609

includes biofuel.

Increases the revenue fee cap for the Minor Source Account in the Air Quality Fund from \$250,000 to \$750,000. The increase in fees collected will pay for the expenditures related to the Minor Source Account.

Page 21, Line 19

Specifies a mercury-added thermostat cannot be sold, installed or disposed into solid waste in Iowa. Provides information on how to collect and dispose of the thermostats and includes the repeal date of January 1, 2022.

Page 21, Line 27

Specifies that the DALs, the Department of Management, the DNR, the Iowa Geological Survey, the ISU Extension Service, and the Economic Development Authority will assist a county commission that is preparing a land use inventory.

Page 26, Line 18

Changes the name of the Geological Survey to the Iowa Geological Survey at the University of Iowa. Specifies that all reports will be available electronically. Also specifies the State Geologist will maintain custody of all maps, and details the procedures for persons wanting to review the maps.

Page 26, Line 27

Senate File 609 provides for the following changes to the Code of Iowa.

Page #	Line #	Bill Section	Action	Code Section
21	9	26	New	214A.2C
21	19	27	Amend	455B.133C.6.c
21	27	28	Amend	455D.16
26	18	29	Amend	352.4.4
26	27	30	Amend	456.1
26	33	31	Amend	456.10
27	4	32	Amend	456.13

1 1 DIVISION I
 1 2 DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP
 1 3 GENERAL APPROPRIATION

Specifies that Section 32 is effective upon enactment.

1 4 Section 1. GENERAL FUND — DEPARTMENT.
 1 5 1. There is appropriated from the general fund of the state
 1 6 to the department of agriculture and land stewardship for the
 1 7 fiscal year beginning July 1, 2019, and ending June 30, 2020,
 1 8 the following amount, or so much thereof as is necessary, to be
 1 9 used for the purposes designated:
 1 10 For purposes of supporting the department, including its
 1 11 divisions, for administration, regulation, and programs; for
 1 12 salaries, support, maintenance, and miscellaneous purposes; and
 1 13 for not more than the following full-time equivalent positions:
 1 14 \$ 18,327,339
 1 15 FTEs 372.00

General Fund appropriation to the Department of Agriculture and Land Stewardship (DALs).

DETAIL: This is an increase of \$304,000 and 49.68 full-time equivalent (FTE) positions compared to estimated net FY 2019. The increase is for the implementation of the Iowa Industrial Hemp Act. The FY 2020 FTE positions are authorized at the same level as the number of positions authorized during the 2018 Legislative Session in [HF 2491](#) (FY 2019 Agriculture and Natural Resources Appropriations Act).

1 16 2. Of the amount appropriated in subsection 1, the following
 1 17 amount is transferred to Iowa State University of Science and
 1 18 Technology, to be used for the university's Midwest Grape and
 1 19 Wine Industry Institute:
 1 20 \$ 288,000

Transfers \$288,000 of the General Fund appropriation to the DALs for the Midwest Grape and Wine Industry Institute at Iowa State University (ISU).

DETAIL: Maintains the current level of funding.

1 21 3. a. Of the amount appropriated in subsection 1, the
 1 22 following amount is transferred to Iowa State University of
 1 23 Science and Technology to be used for purposes of supporting
 1 24 the college of veterinary medicine for the operation of the
 1 25 veterinary diagnostic laboratory:
 1 26 \$ 200,000
 1 27 b. The amount transferred in paragraph "a" is contingent on
 1 28 the enactment of 2019 Iowa Acts, Senate File 601, or successor
 1 29 legislation.

Transfers \$200,000 from the DALs General Fund appropriation for the Administrative Division to the Iowa State University (ISU) Veterinary Diagnostic Laboratory contingent upon the enactment of [SF 601](#) (Pesticide Applicator Fee Bill).

1 30 4. The department shall submit a report each quarter of the
 1 31 fiscal year to the legislative services agency, the department
 1 32 of management, the members of the joint appropriations
 1 33 subcommittee on agriculture and natural resources, and the
 1 34 chairpersons and ranking members of the senate and house
 1 35 committees on appropriations. The report shall describe in
 2 1 detail the expenditure of moneys appropriated in this section
 2 2 to support the department's administration, regulation, and
 2 3 programs.

Requires the DALs to submit a quarterly report to the Legislative Services Agency (LSA), the Department of Management (DOM), the members of the Agriculture and Natural Resources Appropriations Subcommittee, and the Chairpersons and Ranking Members of the Appropriations Committees detailing the expenditure of the moneys appropriated.

2 4 DESIGNATED APPROPRIATIONS
 2 5 MISCELLANEOUS FUNDS

2 6 Sec. 2. UNCLAIMED PARI-MUTUEL WAGERING WINNINGS —
 2 7 HORSE AND DOG RACING. There is appropriated from the moneys
 2 8 available under section 99D.13 to the department of agriculture
 2 9 and land stewardship for the fiscal year beginning July 1,
 2 10 2019, and ending June 30, 2020, the following amount, or so
 2 11 much thereof as is necessary, to be used for the purposes
 2 12 designated:
 2 13 For purposes of supporting the department's administration
 2 14 and enforcement of horse and dog racing law pursuant to section
 2 15 99D.22, including for salaries, support, maintenance, and
 2 16 miscellaneous purposes:
 2 17 \$ 305,516

Native Horse and Dog Program appropriation to the DALs from the unclaimed pari-mutuel receipts winnings for enforcement of horse and dog racing laws.

DETAIL: Maintains current level of funding.

2 18 Sec. 3. RENEWABLE FUEL INFRASTRUCTURE FUND — MOTOR
 2 19 FUEL INSPECTION. There is appropriated from the renewable
 2 20 fuel infrastructure fund created in section 159A.16 to the
 2 21 department of agriculture and land stewardship for the fiscal
 2 22 year beginning July 1, 2019, and ending June 30, 2020, the
 2 23 following amount, or so much thereof as is necessary, to be
 2 24 used for the purposes designated:

Renewable Fuel Infrastructure Fund appropriation to the DALs for motor fuel inspections.

DETAIL: Maintains the current level of funding.

2 25 For purposes of the inspection of motor fuel, including
 2 26 salaries, support, maintenance, and miscellaneous purposes:
 2 27 \$ 500,000

Specifies the duties related to motor fuel inspection to be completed by the DALs.

2 28 Sec. 4. MONEYS CREDITED TO THE WATERSHED IMPROVEMENT FUND
 2 29 — FARM MANAGEMENT DEMONSTRATION PROGRAM. Notwithstanding 2017
 2 30 Iowa Acts, chapter 168, section 22, as amended by 2017 Iowa
 2 31 Acts, chapter 170, section 42, of the moneys credited to the
 2 32 watershed improvement fund that are unencumbered or unobligated
 2 33 and managed by and otherwise appropriated to the department of
 2 34 agriculture and land stewardship pursuant to those sections,
 2 35 the department shall expend the following amount, or so much
 3 1 thereof as is necessary, for the fiscal year beginning July 1,
 3 2 2019, and ending June 30, 2020, for the purpose designated:
 3 3 1. For the continuation of a statewide voluntary
 3 4 farm management demonstration program to demonstrate the
 3 5 effectiveness and adaptability of emerging practices in
 3 6 agronomy that protect water resources and provide other
 3 7 environmental benefits:
 3 8 \$ 100,000

CODE: Appropriates \$100,000 from the Watershed Improvement Fund the Farm Management Demonstration Program for FY 2020.

DETAIL: Maintains current level of funding. The moneys are transferred to the Iowa Soybean Association for the Environmental Performance Program, which assists farmers with making decisions related to improving the environment. This includes watershed planning, water monitoring, conservation planning, and conservation drainage.

3 9 2. The amount required to be expended by the department of
 3 10 agriculture and land stewardship pursuant to subsection 1 shall
 3 11 be allocated by the department to an organization representing
 3 12 soybean growers to provide for an agriculture and environment
 3 13 performance program in the same manner as enacted in 2017 Iowa
 3 14 Acts, chapter 168, section 17, subsection 3.

Allocates the moneys to the Iowa Soybean Association.

3 15 SPECIAL APPROPRIATIONS
3 16 GENERAL FUND

3 17 Sec. 5. DAIRY REGULATION.

General Fund appropriation to the DALs for the Dairy Survey Program.

3 18 1. There is appropriated from the general fund of the state
3 19 to the department of agriculture and land stewardship for the
3 20 fiscal year beginning July 1, 2019, and ending June 30, 2020,
3 21 the following amount, or so much thereof as is necessary, to be
3 22 used for the purposes designated:

DETAIL: Maintains the current level of funding. The DALs annually certifies all milk labeled Grade "A" pasteurized and Grade "A" raw milk for pasteurization. When the survey results show that requirements for production, processing, and distribution are not met, the DALs initiates procedures to suspend the permit of the violator.

3 23 For purposes of performing functions pursuant to section
3 24 192.109, including conducting a survey of grade "A" milk and
3 25 certifying the results to the secretary of agriculture:
3 26 \$ 189,196

3 27 2. Notwithstanding section 8.33, moneys appropriated in
3 28 this section that remain unencumbered or unobligated at the
3 29 close of the fiscal year shall not revert but shall remain
3 30 available to be used for the purposes designated until the
3 31 close of the succeeding fiscal year.

CODE: Allows unexpended funds from the Dairy Survey Program to carry forward for expenditure in FY 2021.

3 32 Sec. 6. LOCAL FOOD AND FARM PROGRAM.

General Fund appropriation to the DALs for the Local Food and Farm Program.

3 33 1. There is appropriated from the general fund of the state
3 34 to the department of agriculture and land stewardship for the
3 35 fiscal year beginning July 1, 2019, and ending June 30, 2020,
4 1 the following amount, or so much thereof as is necessary, to be
4 2 used for the purposes designated:

DETAIL: Maintains the current level of funding. The Program requires the DALs to work in cooperation with ISU Extension and Outreach. The Program facilitates communication between farmers, food entrepreneurs, and consumers while encouraging coordination among various government agencies, universities, organizations, and businesses. In addition, the Program funds special projects in local food markets.

4 3 For purposes of supporting the local food and farm program
4 4 pursuant to chapter 267A:
4 5 \$ 75,000

4 6 2. The department shall enter into a cost-sharing agreement
4 7 with Iowa state university of science and technology to support
4 8 the local food and farm program coordinator position as part of
4 9 the university's cooperative extension service in agriculture
4 10 and home economics pursuant to chapter 267A.

Requires the DALs to have a cost-sharing agreement with ISU to coordinate the Local Food and Farm Program.

4 11 3. Notwithstanding section 8.33, moneys appropriated in
4 12 this section that remain unencumbered or unobligated at the
4 13 close of the fiscal year shall not revert but shall remain
4 14 available to be used for the purposes designated until the
4 15 close of the succeeding fiscal year.

CODE: Allows unexpended funds from the Local Food and Farm Program appropriation to carry forward for expenditure in FY 2021.

4 16 Sec. 7. AGRICULTURAL EDUCATION.

General Fund appropriation to the DALs for the Iowa Future Farmers of America (FFA).

4 17 1. There is appropriated from the general fund of the state
4 18 to the department of agriculture and land stewardship for the
4 19 fiscal year beginning July 1, 2019, and ending June 30, 2020,

DETAIL: Maintains the current level of funding. The FFA is a student

4 20 the following amount, or so much thereof as is necessary, to be
 4 21 used for the purposes designated:
 4 22 For purposes of allocating moneys to an Iowa association
 4 23 affiliated with a national organization which promotes
 4 24 agricultural education providing for future farmers:
 4 25 \$ 25,000

organization for those interested in agriculture, education, and leadership. The organization works with individual students and guides them to achieve personal growth through agricultural education.

4 26 2. Notwithstanding section 8.33, moneys appropriated in
 4 27 this section that remain unencumbered or unobligated at the
 4 28 close of the fiscal year shall not revert but shall remain
 4 29 available to be used for the purposes designated until the
 4 30 close of the succeeding fiscal year.

CODE: Allows unexpended funds from the Iowa FFA appropriation to carry forward for expenditure in FY 2021.

4 31 Sec. 8. FARMERS WITH DISABILITIES PROGRAM.
 4 32 1. There is appropriated from the general fund of the state
 4 33 to the department of agriculture and land stewardship for the
 4 34 fiscal year beginning July 1, 2019, and ending June 30, 2020,
 4 35 the following amount, or so much thereof as is necessary, to be
 5 1 used for the purposes designated:
 5 2 For purposes of supporting a program for farmers with
 5 3 disabilities:
 5 4 \$ 180,000

General Fund appropriation to the DALs for the Farmers with Disabilities Program.

DETAIL: This is an increase of \$50,000 compared to estimated net FY 2019. Funds appropriated will be used by the Easter Seals Society of Iowa for the Rural Solutions Program. The funding provides assistance to farm family members and rural residents with disabilities. The Easter Seals Society of Iowa offers agricultural work site and home modification consultations, peer support, and services for the family.

5 5 2. The moneys appropriated in subsection 1 shall be used for
 5 6 the public purpose of providing a grant to a national nonprofit
 5 7 organization with over 80 years of experience in assisting
 5 8 children and adults with disabilities and special needs. The
 5 9 moneys shall be used to support a nationally recognized program
 5 10 that began in 1986 and has been replicated in at least 30 other
 5 11 states, but which is not available through any other entity
 5 12 in this state, and that provides assistance to farmers with
 5 13 disabilities in all 99 counties to allow the farmers to remain
 5 14 in their own homes and be gainfully engaged in farming through
 5 15 provision of agricultural worksite and home modification
 5 16 consultations, peer support services, services to families,
 5 17 information and referral, and equipment loan services.

The Rural Solutions Program began in 1986 and provides assistance to farm family members and rural residents with disabilities. The Easter Seals Society of Iowa offers agricultural work site and home modification consultations, peer support, and services for the family.

5 18 3. Notwithstanding section 8.33, moneys appropriated in
 5 19 this section that remain unencumbered or unobligated at the
 5 20 close of the fiscal year shall not revert but shall remain
 5 21 available for expenditure for the purposes designated until the
 5 22 close of the succeeding fiscal year.

CODE: Allows unexpended funds from the Farmers with Disabilities Program appropriation to carry forward for expenditure in FY 2021.

5 23 Sec. 9. FOREIGN ANIMAL DISEASES AFFLICTING LIVESTOCK.
 5 24 There is appropriated from the general fund of the state to the
 5 25 department of agriculture and land stewardship for the fiscal
 5 26 year beginning July 1, 2019, and ending June 30, 2020, the

General Fund appropriation to the DALs for the Foreign Animal Disease Program.

DETAIL: This is an increase of \$250,000 compared to estimated net

5 27 following amount, or so much thereof as is necessary, to be
 5 28 used for the purposes designated:
 5 29 For deposit in the foreign animal disease preparedness and
 5 30 response fund created in section 163.3B:
 5 31 \$ 500,000

FY 2019. The increase is for the development of a Foreign Animal Disease Strategy. The increase will be used to improve DALs staff emergency response time, update the Program to using an electronic database, upgrade response plans, and engage stakeholders throughout Iowa.

5 32 DIVISION II
 5 33 GENERAL FUND
 5 34 DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP
 5 35 WATER QUALITY INITIATIVE

6 1 Sec. 10. WATER QUALITY INITIATIVE — GENERAL.
 6 2 1. There is appropriated from the general fund of the state
 6 3 to the department of agriculture and land stewardship for the
 6 4 fiscal year beginning July 1, 2019, and ending June 30, 2020,
 6 5 the following amount, or so much thereof as is necessary, to be
 6 6 used for the purposes designated:
 6 7 For deposit in the water quality initiative fund created in
 6 8 section 466B.45, for purposes of supporting the water quality
 6 9 initiative administered by the division of soil conservation
 6 10 and water quality as provided in section 466B.42, including
 6 11 salaries, support, maintenance, and miscellaneous purposes:
 6 12 \$ 3,000,000

General Fund appropriation to the DALs for the Water Quality Initiative (WQI) administered by the Division of Soil Conservation and Water Quality.

DETAIL: Maintains current level of funding. Section 23 of this Bill appropriates an additional \$2,375,000 for the WQI from the EFF.

6 13 2. a. The moneys appropriated in subsection 1 shall be
 6 14 used to support projects in subwatersheds as designated by the
 6 15 division that are part of high-priority watersheds identified
 6 16 by the water resources coordinating council established
 6 17 pursuant to section 466B.3.

Requires the funds to be used to support projects in high-priority watersheds as identified by the Water Resources Coordinating Council.

6 18 b. The moneys appropriated in subsection 1 shall be used to
 6 19 support projects in watersheds generally, including regional
 6 20 watersheds, as designated by the division and high-priority
 6 21 watersheds identified by the water resources coordinating
 6 22 council established pursuant to section 466B.3.

Funds will be used to support watershed projects.

6 23 3. In supporting projects in subwatersheds and watersheds
 6 24 as provided in subsection 2, all of the following shall apply:
 6 25 a. The demonstration projects shall utilize water quality
 6 26 practices as described in the Iowa nutrient reduction strategy
 6 27 as defined in section 455B.171.
 6 28 b. The division shall implement demonstration projects as
 6 29 provided in paragraph "a" by providing for participation by
 6 30 persons who hold a legal interest in agricultural land used in
 6 31 farming. To every extent practical, the division shall provide
 6 32 for collaborative participation by such persons who hold a

Specifies criteria for projects in high-priority watersheds as follows:

- Requires demonstration projects to utilize water quality practices described in the Iowa Nutrient Reduction Strategy as defined in Iowa Code section [455B.171](#).
- Requires the DALs to collaborate with agricultural landowners in targeted watersheds.
- Prohibits the State's cost-share amount of water quality protection practices from exceeding 50.00% of the value of the practices, except for edge-of-field practices.

6 33 legal interest in agricultural land located within the same
 6 34 subwatershed.

6 35 c. The division shall implement a demonstration project on
 7 1 a cost-share basis as determined by the division. However,
 7 2 except for edge-of-field practices, the state's share of the
 7 3 amount shall not exceed 50 percent of the estimated cost of
 7 4 establishing the practice as determined by the division or
 7 5 50 percent of the actual cost of establishing the practice,
 7 6 whichever is less.

7 7 d. The demonstration projects shall be used to educate other
 7 8 persons about the feasibility and value of establishing similar
 7 9 water quality practices. The division shall promote field day
 7 10 events for purposes of allowing interested persons to establish
 7 11 water quality practices on their agricultural land.

7 12 e. The division shall conduct water quality evaluations
 7 13 within supported subwatersheds. Within a reasonable period
 7 14 after accumulating information from such evaluations, the
 7 15 division shall create an aggregated database of water quality
 7 16 practices. Any information identifying a person holding a
 7 17 legal interest in agricultural land or specific agricultural
 7 18 land shall be a confidential record under section 22.7.

7 19 4. The moneys appropriated in subsection 1 shall be used
 7 20 to support education and outreach in a manner that encourages
 7 21 persons who hold a legal interest in agricultural land used for
 7 22 farming to implement water quality practices, including the
 7 23 establishment of such practices in watersheds generally, and
 7 24 not limited to subwatersheds or high-priority watersheds.

7 25 5. The moneys appropriated in subsection 1 may be used
 7 26 to contract with persons to coordinate the implementation of
 7 27 efforts provided in this section.

7 28 6. The moneys appropriated in subsection 1 may be used by
 7 29 the department to support urban soil and water conservation
 7 30 efforts, which may include but are not limited to management
 7 31 practices related to bioretention, landscaping, the use of
 7 32 permeable or pervious pavement, and soil quality restoration.
 7 33 The moneys shall be allocated on a cost-share basis as provided
 7 34 in chapter 161A.

7 35 7. Notwithstanding any other provision of law to the
 8 1 contrary, the department may use moneys appropriated in
 8 2 subsection 1 to carry out the provisions of this section on a
 8 3 cost-share basis in combination with other moneys available to
 8 4 the department from a state or federal source.

8 5 8. Not more than 10 percent of the moneys appropriated in

- Requires demonstration projects to educate the public about water quality practices.
- Requires the DALs to conduct water quality evaluations within targeted watersheds and to create a database of water quality practices. Specifies that all information received is a confidential record and exempt from public access.

Requires the DALs to use funds to support education and outreach to encourage agricultural producers to establish water quality practices.

Permits the DALs to use funds for contracts that will assist with the implementation of the WQI.

Permits the DALs to use funds to support urban soil and water conservation practices and to allocate funds on a cost-share basis.

Permits the DALs to use funds as cost-share moneys for projects.

Prohibits the DALs from using more than 10.00% of the funds

8 6 this section may be used to pay for the costs of administering
 8 7 and implementing the water quality initiative by the
 8 8 department's division of soil conservation and water quality as
 8 9 provided in section 466B.42 and this section.

appropriated for administration and implementation of WQI practices.

8 10 DIVISION III
 8 11 DEPARTMENT OF NATURAL RESOURCES

8 12 Sec. 11. GENERAL FUND — DEPARTMENT.

General Fund appropriation to the Department of Natural Resources (DNR) for operations.

8 13 1. There is appropriated from the general fund of the state
 8 14 to the department of natural resources for the fiscal year
 8 15 beginning July 1, 2019, and ending June 30, 2020, the following
 8 16 amount, or so much thereof as is necessary, to be used for the
 8 17 purposes designated:

DETAIL: Maintains the current level of funding and an increase of 97.00 FTE positions compared to estimated net FY 2019. The FY 2020 FTE positions are authorized at the same level as the number of positions authorized during the 2018 Legislative Session in [HF 2491](#) (FY 2019 Agriculture and Natural Resources Appropriations Act).

8 18 For purposes of supporting the department, including its
 8 19 divisions, for administration, regulation, and programs; for
 8 20 salaries, support, maintenance, and miscellaneous purposes; and
 8 21 for not more than the following full-time equivalent positions:
 8 22 \$ 11,554,987
 8 23 FTEs 1,145.95

8 24 2. Of the number of full-time equivalent positions
 8 25 authorized to the department pursuant to subsection 1, 50
 8 26 full-time equivalent positions shall be allocated by the
 8 27 department for seasonal employees for purposes of providing
 8 28 maintenance, upkeep, and sanitary services at state parks.
 8 29 This subsection shall not impact park ranger or park manager
 8 30 positions within the department.

Requires the DNR to allocate 50.00 FTE positions to State park operations for seasonal maintenance and upkeep. This does not impact park ranger or park manager positions.

8 31 3. The department shall submit a report each quarter of the
 8 32 fiscal year to the legislative services agency, the department
 8 33 of management, the members of the joint appropriations
 8 34 subcommittee on agriculture and natural resources, and the
 8 35 chairpersons and ranking members of the senate and house
 9 1 committees on appropriations. The report shall describe in
 9 2 detail the expenditure of moneys appropriated under this
 9 3 section to support the department's administration, regulation,
 9 4 and programs.

Requires the DNR to submit a quarterly report to the LSA, the DOM, the members of the Agriculture and Natural Resources Appropriations Subcommittee, and the Chairpersons and Ranking Members of the Appropriations Committees detailing the expenditure of the moneys appropriated.

9 5 Sec. 12. STATE FISH AND GAME PROTECTION FUND — REGULATION
 9 6 AND ADVANCEMENT OF OUTDOOR ACTIVITIES.

State Fish and Game Protection Fund appropriation to the Law Enforcement, Fisheries, and Wildlife Programs of the DNR.

9 7 1. There is appropriated from the state fish and game
 9 8 protection fund created pursuant to section 456A.17 to the
 9 9 department of natural resources for the fiscal year beginning
 9 10 July 1, 2019, and ending June 30, 2020, the following amount,
 9 11 or so much thereof as is necessary, to be used for the purposes
 9 12 designated:

DETAIL: Maintains the current level of funding.

9 13 For purposes of supporting the regulation or advancement of

9 14 hunting, fishing, or trapping, or the protection, propagation,
 9 15 restoration, management, or harvest of fish or wildlife,
 9 16 including for administration, regulation, law enforcement, and
 9 17 programs; and for salaries, support, maintenance, equipment,
 9 18 and miscellaneous purposes:
 9 19 \$ 44,007,044

9 20 2. Notwithstanding section 455A.10, the department may use
 9 21 the unappropriated balance remaining in the state fish and game
 9 22 protection fund to provide for the funding of health and life
 9 23 insurance premium payments from unused sick leave balances of
 9 24 conservation peace officers employed in a protection occupation
 9 25 who retire, pursuant to section 97B.49B.

CODE: Permits the DNR to use unappropriated funds from the Fish and Game Protection Fund to provide compensation to retiring conservation peace officers, including payment of insurance premiums from unused sick leave.

9 26 3. Notwithstanding section 455A.10, the department of
 9 27 natural resources may use the unappropriated balance remaining
 9 28 in the state fish and game protection fund for the fiscal
 9 29 year beginning July 1, 2019, and ending June 30, 2020, as is
 9 30 necessary to fund salary adjustments for departmental employees
 9 31 for which the general assembly has made an operating budget
 9 32 appropriation in subsection 1.

CODE: Permits the DNR to use unappropriated funds from the Fish and Game Protection Fund for salary adjustments.

9 33 Sec. 13. GROUNDWATER PROTECTION FUND — WATER
 9 34 QUALITY. There is appropriated from the groundwater protection
 9 35 fund created in section 455E.11 to the department of natural
 10 1 resources for the fiscal year beginning July 1, 2019,
 10 2 and ending June 30, 2020, from those moneys which are not
 10 3 allocated pursuant to that section, the following amount, or
 10 4 so much thereof as is necessary, to be used for the purposes
 10 5 designated:
 10 6 For purposes of supporting the department's protection
 10 7 of the state's groundwater, including for administration,
 10 8 regulation, and programs, and for salaries, support,
 10 9 maintenance, equipment, and miscellaneous purposes:
 10 10 \$ 3,455,832

Groundwater Protection Fund appropriation to the DNR for programs specified in Iowa Code section [455E.11](#).

DETAIL: These programs include:

- \$100,303 for the Storage Tanks Program. Funds are used for the administration of the State Underground Storage Tank (UST) Program.
- \$447,324 for the Household Hazardous Waste Program. Funds are allocated to regional collection centers and for administration of the Program.
- \$62,461 for administration of the Private Well Testing Program. Funds are used by the DNR for administering the closure of private wells.
- \$1,686,751 for groundwater monitoring. Funds are used for monitoring groundwater at sanitary disposal projects.
- \$618,993 for the Landfill Alternatives Program. The Program is now called the Solid Waste Alternatives Program (SWAP), and funds are used to provide financial assistance to local governments, public and private groups, businesses, and individuals for education, market development projects, and utilization of best practices to reduce landfill waste.
- \$192,500 for the Waste Reduction and Assistance Program. The Program is now called the Pollution Prevention Services Program and provides confidential and nonregulatory assistance to facility operators.

- \$50,000 to administer the SWAP.
- \$297,500 for the Geographic Information System Program. Funds are used to maintain a geographic information system and a comprehensive water resource data system that can be used by the public.

These allocations maintain the current level of funding.

10 11 DESIGNATED APPROPRIATIONS
10 12 MISCELLANEOUS FUNDS

10 13 Sec. 14. SPECIAL SNOWMOBILE FUND — SNOWMOBILE
10 14 PROGRAM. There is appropriated from the special snowmobile
10 15 fund created under section 321G.7 to the department of natural
10 16 resources for the fiscal year beginning July 1, 2019, and
10 17 ending June 30, 2020, the following amount, or so much thereof
10 18 as is necessary, to be used for the purpose designated:
10 19 For purposes of administering and enforcing the state
10 20 snowmobile programs:
10 21 \$ 100,000

Snowmobile Fund appropriation to the DNR for safety education and trail maintenance, and to provide cost-share grants to local snowmobile organizations.

DETAIL: Maintains the current level of funding.

10 22 Sec. 15. UNASSIGNED REVENUE FUND — UNDERGROUND STORAGE
10 23 TANKS SECTION EXPENSES. There is appropriated from the
10 24 unassigned revenue fund administered by the Iowa comprehensive
10 25 petroleum underground storage tank fund board established
10 26 pursuant to section 455G.4 to the department of natural
10 27 resources for the fiscal year beginning July 1, 2019, and
10 28 ending June 30, 2020, the following amount, or so much thereof
10 29 as is necessary, to be used for the purpose designated:
10 30 For purposes of paying for administration expenses of the
10 31 department's underground storage tanks section:
10 32 \$ 200,000

Underground Storage Tank (UST) Fund appropriation to the DNR.

DETAIL: Maintains the current level of funding. The funds are used for administration of the UST Program.

10 33 SPECIAL APPROPRIATIONS
10 34 GENERAL FUND

10 35 Sec. 16. FLOODPLAIN MANAGEMENT AND DAM SAFETY.
11 1 1. There is appropriated from the general fund of the state
11 2 to the department of natural resources for the fiscal year
11 3 beginning July 1, 2019, and ending June 30, 2020, the following
11 4 amount, or so much thereof as is necessary, to be used for the
11 5 purpose designated:
11 6 For purposes of supporting floodplain management and dam
11 7 safety:
11 8 \$ 1,510,000

General Fund appropriation to the DNR for the Floodplain Management and Dam Safety Program.

DETAIL: Maintains the current level of funding. Section 20 of the Bill appropriates an additional \$375,000 from the Environment First Fund for the Program. The Program's goal is the protection of life and property from damage by flood. The Program addresses the following functions:

- Supports a network of stream gauges.
- Provides funding for the Dam Safety Program, which maintains information on 3,800 dams.

- Funds floodplain mapping projects.
- Provides technical assistance for community enrollment for flood insurance.
- Regulates the construction of floodplain and floodways.

11 9 2. Of the amount appropriated in subsection 1, up to
 11 10 \$400,000 may be used by the department to acquire or install
 11 11 stream gages for purposes of tracking and predicting flood
 11 12 events and for compiling necessary data to improve flood
 11 13 frequency analysis.

Allocates up to \$400,000 for the implementation of stream gauges to assist with predicting flood events.

11 14 3. Notwithstanding section 8.33, moneys appropriated in
 11 15 subsection 1 that remain unencumbered or unobligated at the
 11 16 close of the fiscal year shall not revert but shall remain
 11 17 available for expenditure for the purposes designated until the
 11 18 close of the succeeding fiscal year.

CODE: Allows the unexpended funds from the Floodplain Management and Dam Safety appropriation to carry forward for expenditure in FY 2021.

11 19 Sec. 17. FORESTRY HEALTH MANAGEMENT.
 11 20 1. There is appropriated from the general fund of the state
 11 21 to the department of natural resources for the fiscal year
 11 22 beginning July 1, 2019, and ending June 30, 2020, the following
 11 23 amount, or so much thereof as is necessary, to be used for the
 11 24 purposes designated:
 11 25 For purposes of providing for forestry health management
 11 26 programs:
 11 27 \$ 500,000

General Fund appropriation to the DNR for forestry health management programs, which are dedicated to monitoring, managing, and reducing insects and diseases that damage and harm Iowa's forests.

DETAIL: Maintains current level of funding.

11 28 2. Notwithstanding section 8.33, moneys appropriated in
 11 29 this section that remain unencumbered or unobligated at the
 11 30 close of the fiscal year shall not revert but shall remain
 11 31 available to be used for the purposes designated until the
 11 32 close of the succeeding fiscal year.

CODE: Allows unexpended funds from the Forestry Health Management appropriation to carry forward for expenditure in FY 2021.

11 33 DIVISION IV
 11 34 IOWA STATE UNIVERSITY
 11 35 SPECIAL GENERAL FUND APPROPRIATION
 12 1 VETERINARY DIAGNOSTIC LABORATORY

12 2 Sec. 18. VETERINARY DIAGNOSTIC LABORATORY.
 12 3 1. There is appropriated from the general fund of the state
 12 4 to Iowa State University of Science and Technology for the
 12 5 fiscal year beginning July 1, 2019, and ending June 30, 2020,
 12 6 the following amount, or so much thereof as is necessary, to be
 12 7 used for the purposes designated:

General Fund appropriation to ISU for operations at the Veterinary Diagnostic Laboratory.

DETAIL: Maintains the current level of funding and an increase of 3.05 FTE positions compared to estimated net FY 2019.

12 8 For purposes of supporting the college of veterinary
 12 9 medicine for the operation of the veterinary diagnostic
 12 10 laboratory and for not more than the following full-time
 12 11 equivalent positions:
 12 12 \$ 4,100,000
 12 13 FTEs 51.00

12 14 2. a. Iowa state university of science and technology
 12 15 shall not reduce the amount that it allocates to support the
 12 16 college of veterinary medicine from any other source due to the
 12 17 appropriation made in this section.

Prohibits ISU from reducing funding from other sources to the Veterinary Diagnostic Laboratory as a result of this appropriation.

12 18 b. Paragraph "a" does not apply to a reduction made to
 12 19 support the college of veterinary medicine, if the same
 12 20 percentage of reduction imposed on the college of veterinary
 12 21 medicine is also imposed on all of Iowa state university of
 12 22 science and technology's budget units.

Allows ISU to reduce funding to the College of Veterinary Medicine if the same percentage of reduction is applied to other ISU budget units.

12 23 3. If by June 30, 2020, Iowa state university of science and
 12 24 technology fails to allocate the moneys appropriated in this
 12 25 section to the college of veterinary medicine in accordance
 12 26 with this section, the moneys appropriated in this section for
 12 27 that fiscal year shall revert to the general fund of the state.

Requires the appropriation for the Veterinary Diagnostic Laboratory to revert if the moneys are not allocated to the College of Veterinary Medicine.

12 28 DIVISION V
 12 29 ENVIRONMENT FIRST FUND
 12 30 GENERAL APPROPRIATIONS

12 31 Sec. 19. DEPARTMENT OF AGRICULTURE AND LAND
 12 32 STEWARDSHIP. There is appropriated from the environment first
 12 33 fund created in section 8.57A to the department of agriculture
 12 34 and land stewardship for the fiscal year beginning July 1,
 12 35 2019, and ending June 30, 2020, the following amounts, or so
 13 1 much thereof as is necessary, to be used for the purposes
 13 2 designated:

Appropriates \$42,000,000 from the EFF and maintains the current level of funding compared to estimated net FY 2019. Provides EFF appropriations totaling \$17,300,000 to the DALs for FY 2020.

DETAIL: Maintains the current level of funding.

13 3 1. CONSERVATION RESERVE ENHANCEMENT PROGRAM (CREP)

Environment First Fund appropriation to the DALs for the Conservation Reserve Enhancement Program (CREP).

13 4 a. For the conservation reserve enhancement program to
 13 5 restore and construct wetlands for the purposes of intercepting
 13 6 tile line runoff, reducing nutrient loss, improving water
 13 7 quality, and enhancing agricultural production practices:
 13 8 \$ 1,000,000

DETAIL: Maintains the current level of funding. The CREP is a federally administered voluntary program for agricultural landowners that provides financial incentives to landowners to establish wetlands for water quality improvement in tile-drained regions of Iowa. The Program includes 37 counties in north central Iowa in an area that has been identified as a contributor to high nitrate loads in the Mississippi River Basin. The Program is administered by the federal Farm Services Agency (FSA) in the United States Department of Agriculture (USDA).

13 9 b. Not more than 10 percent of the moneys appropriated
 13 10 in paragraph "a" may be used for costs of administration and
 13 11 implementation of soil and water conservation practices.

Prohibits use of more than 10.00% of the cost-share funds for administration and costs associated with the implementation of soil and water conservation practices.

13 12 c. Notwithstanding any other provision in law, the
 13 13 department may use moneys appropriated in this subsection,
 13 14 in combination with other appropriate environment first
 13 15 fund appropriations, for cost sharing to match United States
 13 16 department of agriculture, natural resources conservation
 13 17 service, wetlands reserve enhancement program (WREP) funding
 13 18 available to Iowa.

Permits funds to be used in combination with other EFF appropriations or as cost-share funds for federal projects.

13 19 2. WATERSHED PROTECTION

Environment First Fund appropriation to the DALs for the Watershed Protection Program.

13 20 a. For continuation of a program that provides
 13 21 multiobjective resource protections for flood control, water
 13 22 quality, erosion control, and natural resource conservation:
 13 23 \$ 900,000

DETAIL: Maintains the current level of funding. The purpose of the Program is to provide financial assistance for projects that establish permanent soil and water conservation practices. Project practices are integrated into a larger watershed plan and meet multiple objectives. The Fund offers watershed grants to Soil and Water Conservation Districts for locally led watershed projects.

13 24 b. Not more than 10 percent of the moneys appropriated
 13 25 in paragraph "a" may be used for costs of administration and
 13 26 implementation of soil and water conservation practices.

Prohibits use of more than 10.00% of the cost-share funds for administration and costs associated with the implementation of soil and water conservation practices.

13 27 3. SOIL AND WATER CONSERVATION — ADMINISTRATION

Environment First Fund appropriation to the DALs for soil and water conservation administration.

13 28 a. For use by the department for costs of administration and
 13 29 implementation of soil and water conservation practices:
 13 30 \$ 3,800,000

DETAIL: Maintains the current level of funding.

13 31 b. Of the moneys appropriated in paragraph "a", \$150,000
 13 32 is allocated to support field staff providing technical
 13 33 assistance.

Specifies that \$150,000 will be used to support field staff providing technical assistance.

13 34 4. CONSERVATION RESERVE PROGRAM (CRP)

Environment First Fund appropriation to the DALs for the Conservation Reserve Program (CRP).

13 35 a. To encourage and assist farmers in enrolling in and the
 14 1 implementation of the federal conservation reserve program and
 14 2 to work with them to enhance their revegetation efforts to
 14 3 improve water quality and habitat:
 14 4 \$ 900,000

DETAIL: Maintains the current level of funding. The CRP is a voluntary program administered by the federal government for agricultural landowners. The CRP provides landowners with annual rental payments and cost-share assistance for removing agricultural land from production and establishing conservation practices. The CRP is administered by the federal FSA in the USDA, and is a major federal conservation program. Land enrolled in the CRP increases wildlife

habitat, reduces soil erosion, and improves water quality.

14 5 b. Not more than 10 percent of the moneys appropriated
 14 6 in paragraph "a" may be used for costs of administration and
 14 7 implementation of soil and water conservation practices.

Prohibits use of more than 10.00% of the cost-share funds for administration and costs associated with the implementation of soil and water conservation practices.

14 8 5. SOIL AND WATER CONSERVATION

Environment First Fund appropriation to the DALs for the Soil and Water Conservation Program.

14 9 a. For use by the department in providing for soil and water
 14 10 conservation:
 14 11 \$ 8,325,000

DETAIL: Maintains current level of funding.

14 12 b. (1) Of the amount appropriated in paragraph "a", for
 14 13 transfer to the loess hills development and conservation fund
 14 14 created in section 161D.2:
 14 15 \$ 490,000

Transfers \$490,000 from the Soil and Water Conservation Cost Share appropriation to the Loess Hills Development and Conservation Fund.

14 16 (2) (a) Of the amount transferred to the loess hills
 14 17 development and conservation fund in subparagraph (1), \$450,000
 14 18 shall be allocated to the fund's hungry canyons account.

Allocates \$450,000 to the Hungry Canyons Program from the Soil and Water Conservation Cost Share appropriation.

DETAIL: Maintains current level of funding.

14 19 (b) Not more than 5 percent of the moneys allocated to
 14 20 the fund's hungry canyons account as provided in subparagraph
 14 21 division (a) may be used for administrative costs.

Allows the Hungry Canyons Program to use up to 5.00% of the allocation for administrative costs.

14 22 (3) (a) Of the amount transferred to the loess hills
 14 23 development and conservation fund in subparagraph (1), \$40,000
 14 24 shall be allocated to the fund's loess hills alliance account.

Allocates \$40,000 to the Loess Hills Alliance Account.

DETAIL: Maintains current level of funding.

14 25 (b) Not more than 10 percent of the moneys allocated to the
 14 26 fund's loess hills alliance account as provided in subparagraph
 14 27 division (a) may be used for administrative costs.

Allows the Loess Hills Alliance Account to use up to 10.00% of the allocation for administrative costs.

14 28 c. Of the remaining amount appropriated in paragraph "a",
 14 29 for use by the department in providing for soil and water
 14 30 conservation administration, the conservation of soil and
 14 31 water resources, or the support of soil and water conservation
 14 32 districts:
 14 33 \$ 7,835,000

Allocates \$7,835,000 to the Soil and Water Conservation Cost Share Program.

DETAIL: Maintains current level of funding. Soil and Water Conservation Cost Share Program funding provides financial incentives to landowners who implement approved soil and water conservation practices. State funds are divided among the Soil and Water Conservation Districts. The landowner pays for at least 50.00% of the cost of the conservation practice.

14 34 d. Of the amount appropriated in paragraph "c" that the
 14 35 department allocates to a soil and water conservation district,

Permits each soil and water conservation district to use up to \$15,000 of the allocation to establish management practices for the control of

15 1 the first \$15,000 may be expended by the district for the
 15 2 purpose of providing financial incentives under section 161A.73
 15 3 to establish management practices for the control of soil
 15 4 erosion on land that is row-cropped, including but not limited
 15 5 to nontill planting, ridge-till planting, and contouring
 15 6 strip-cropping. Of any remaining amount of that appropriation
 15 7 allocated by the department to a district, 30 percent may be
 15 8 expended by the district for that same purpose.

soil erosion on row-cropped land. Also, permits up to 30.00% of remaining funds to be expended for the same purpose.

15 9 e. Not more than 5 percent of the moneys appropriated in
 15 10 paragraph "c" may be allocated for cost sharing to address
 15 11 complaints filed under section 161A.47.

Permits the DALs to use up to 5.00% of the appropriated funds to address complaints filed for land erosion caused by sediment.

15 12 f. Of the moneys appropriated in paragraph "c", 5 percent
 15 13 shall be allocated for financial incentives to establish
 15 14 practices to protect watersheds above publicly owned lakes of
 15 15 the state from soil erosion and sediment as provided in section
 15 16 161A.73.

Requires 5.00% of cost-share funds to be used for financial incentives to establish practices to protect watersheds above publicly owned lakes from soil erosion and sediment.

15 17 g. The state soil conservation and water quality committee
 15 18 established by section 161A.4 may allocate moneys appropriated
 15 19 in paragraph "c" to conduct research and demonstration projects
 15 20 to promote conservation tillage and nonpoint source pollution
 15 21 control practices.

Permits the State Soil Conservation and Water Quality Committee to allocate funds for research and demonstration projects to promote conservation tillage and nonpoint source pollution control practices.

15 22 h. The allocation of moneys as financial incentives as
 15 23 provided in section 161A.73 may be used in combination with
 15 24 moneys allocated by the department of natural resources.

Permits financial incentive payments to be used in combination with funds from the DNR.

15 25 i. Not more than 15 percent of the moneys appropriated
 15 26 in paragraph "c" may be used for costs of administration and
 15 27 implementation of soil and water conservation practices.

Prohibits use of more than 15.00% of the cost-share funds for administration and costs associated with the implementation of soil and water conservation practices.

15 28 Sec. 20. DEPARTMENT OF NATURAL RESOURCES. There is
 15 29 appropriated from the environment first fund created in section
 15 30 8.57A to the department of natural resources for the fiscal
 15 31 year beginning July 1, 2019, and ending June 30, 2020, the
 15 32 following amounts, or so much thereof as is necessary, to be
 15 33 used for the purposes designated:

Provides EFF appropriations totaling \$24,005,000 to the DNR for FY 2020.

DETAIL: Maintains the current level of funding.

15 34 1. STATE PARKS MAINTENANCE AND OPERATIONS

Environment First Fund appropriation to the DNR for State park maintenance and operations.

15 35 a. For regular maintenance and operations of state parks and
 16 1 staff time associated with these activities:

16 2 \$ 6,235,000

DETAIL: Maintains the current level of funding. State parks are under the administration of the Parks Bureau in the DNR. Since establishment, the park system has grown to include 56,000 acres in 54 core State parks and satellite areas, with supporting facilities that include 5,154 campsites, 86 rental cabins, 147 picnic shelters, 75

modern restrooms, 67 shower buildings, 620 miles of trails, and 51 office and maintenance buildings. Funding pays for seasonal staff, facilities maintenance, equipment replacement, and other related expenditures.

Allocates \$100,000 to support volunteer efforts in the Department.

Allows the DNR to use up to \$250,000 from the EFF appropriation for State Parks Maintenance and Operations to support the salaries and benefits for 3.00 FTE State Park Ranger positions.

Environment First Fund appropriation to the DNR for the Geographic Information System (GIS) Program.

DETAIL: Maintains the current level of funding. The GIS Program is responsible for the development, management, and coordination of the Natural Resources Geographic Information System (NRGIS) for the DNR. The NRGIS is used to provide local watershed managers with data to develop, monitor, and display watershed improvements.

Environment First Fund appropriation to the DNR for the Water Quality Monitoring Program.

DETAIL: Maintains the current level of funding. Appropriated dollars are allocated for the administration, research, and operation of water quality monitoring stations. The DNR contracts with experts from the U.S. Geological Survey and State universities for water quality research, analysis, and modeling. The appropriation supports six water quality monitoring programs. Water samples are collected to develop a baseline of information on Iowa streams, lakes, and wetlands. The DNR tracks water temperature, dissolved oxygen, pH, and many other physical conditions and chemicals. The Water Quality Monitoring Program records fish kills and statewide water data and assesses the ability of water bodies to meet their intended uses (impaired waters) as defined by the federal Clean Water Act.

Environment First Fund appropriation to the DNR for the Public Water Supply System Account of the Water Quality Protection Fund.

DETAIL: Maintains the current level of funding. A public water supply is defined as a system that has at least 15 service connections or serves at least 25 people for at least 60 days throughout the year. These systems are regulated by the Water Supply Engineering Section in the DNR. In 2014, there were more than 2,700,000 people in Iowa

16 3 b. Of the amount appropriated in paragraph "a", up to
16 4 \$100,000 shall be allocated for statewide coordination of
16 5 volunteer efforts.

16 6 c. Of the amount appropriated in paragraph "a", the
16 7 department may use not more than \$250,000 to support up to
16 8 three full-time equivalent positions as state park rangers.

16 9 2. GEOGRAPHIC INFORMATION SYSTEM (GIS)
16 10 To provide local watershed managers with geographic
16 11 information system data for their use in developing,
16 12 monitoring, and displaying results of their watershed work:
16 13 \$ 195,000

16 14 3. WATER QUALITY MONITORING
16 15 For continuing the establishment and operation of water
16 16 quality monitoring stations:
16 17 \$ 2,955,000

16 18 4. PUBLIC WATER SUPPLY SYSTEM ACCOUNT
16 19 For deposit in the public water supply system account of the
16 20 water quality protection fund created in section 455B.183A:
16 21 \$ 500,000

serviced by community public water supply systems. This represents 90.80% of the State's population.

16 22 5. REGULATION OF ANIMAL FEEDING OPERATIONS
 16 23 For the regulation of animal feeding operations, including
 16 24 as provided for in chapters 459, 459A, and 459B:
 16 25 \$ 1,320,000

Environment First Fund appropriation to the DNR for the Animal Feeding Operations Program.

DETAIL: Maintains the current level of funding. This appropriation is used to regulate animal feeding operations. This includes processing permits for the construction of new sites and reviewing nutrient management plans. Other activities include inspection of earthen basins, construction sites, and operations as well as inspecting and investigating manure, fertilizer, and chemical spills.

16 26 6. AMBIENT AIR QUALITY
 16 27 For the abatement, control, and prevention of ambient
 16 28 air pollution in this state, including measures as necessary
 16 29 to assure attainment and maintenance of ambient air quality
 16 30 standards from particulate matter:
 16 31 \$ 425,000

Environment First Fund appropriation to the DNR for the Ambient Air Quality Program.

DETAIL: Maintains the current level of funding. Appropriated funds finance the administration of ambient air monitoring activities and an annual contract with the State Hygienic Laboratory (SHL) at the University of Iowa to conduct air monitoring. The SHL collects air monitoring data, provides quality assurance results, and reports data to the public.

16 32 7. FLOODPLAIN MANAGEMENT AND DAM SAFETY
 16 33 For supporting floodplain management and dam safety:
 16 34 \$ 375,000

Environment First Fund appropriation of \$375,000 to the DNR for the Floodplain Management and Dam Safety Program.

DETAIL: Maintains the current level of funding for FY 2020. Section 16 of the Bill appropriates an additional \$1,510,000 from the General Fund for the Program. The Program's goal is the protection of life and property from damage by flood. The Program performs the following functions:

- Supports a network of stream gauges.
- Provides funding for the Dam Safety Program, which maintains information on 3,800 dams.
- Funds floodplain mapping projects.
- Provides technical assistance for community enrollment for flood insurance.
- Regulates the construction of floodplain and floodways.

16 35 Sec. 21. STATE UNIVERSITY OF IOWA — IOWA GEOLOGICAL
 17 1 SURVEY. There is appropriated from the environment first
 17 2 fund created in section 8.57A to the state university of Iowa
 17 3 for the fiscal year beginning July 1, 2019, and ending June
 17 4 30, 2020, the following amounts, or so much thereof as is
 17 5 necessary, to be used for the purposes designated:

Provides EFF appropriations totaling \$695,000 to the University of Iowa for FY 2020.

DETAIL: Maintains the current level of funding.

17 6 1. OPERATIONS
 17 7 For purposes of supporting the operations of the Iowa
 17 8 geological survey of the state as created within the state
 17 9 university of Iowa pursuant to section 456.1, including but not
 17 10 limited to providing analysis; data maintenance, collection,
 17 11 and compilation; investigative programs; and information for
 17 12 water supply development and protection:
 17 13 \$ 200,000

Environment First Fund appropriation to the University of Iowa for the Geological and Water Survey Program.

 DETAIL: Maintains the current level of funding. The Program develops programs that provide comprehensive information regarding mineral and water resources in Iowa. This includes educational programs as well as technology transfer programs and an emphasis on new water supply developments and monitoring water quality. The Geological and Water Survey Program provides information to the federal government and State agencies.

17 14 2. WATER RESOURCE MANAGEMENT
 17 15 For purposes of supporting the Iowa geological survey in
 17 16 measuring, assessing, and evaluating the quantity of water
 17 17 sources in this state and assisting the department of natural
 17 18 resources in regulating water quantity as provided in chapter
 17 19 455B, division III, part 4, pursuant to sections 455B.262B and
 17 20 456.14:
 17 21 \$ 495,000

Environment First Fund appropriation to the University of Iowa for the Water Quantity Program.

 DETAIL: Maintains the current level of funding. The Water Quantity Program was implemented due to an increase in the number of industries that are dependent on large quantities of water for their operations (ethanol plants). The Program's goal is to provide long-term planning for water use for industrial operations, drinking water, and other water uses.

17 22 Sec. 22. REVERSION.

CODE: Specifies length of time for use of EFF funds and Soil and Water Conservation Cost Share funds.

17 23 1. a. Except as provided in paragraph "b", and
 17 24 notwithstanding section 8.33, moneys appropriated for the
 17 25 fiscal year beginning July 1, 2019, in this division of this
 17 26 Act that remain unencumbered or unobligated at the close of the
 17 27 fiscal year shall not revert but instead shall remain available
 17 28 to be used for the purposes designated until the close of the
 17 29 succeeding fiscal year, or until the project for which the
 17 30 appropriation was made is completed, whichever is earlier.

CODE: Allows the unexpended funds from the EFF appropriations to remain available for expenditure until the close of FY 2021 or when a specific project is completed.

17 31 b. Notwithstanding section 8.33, moneys appropriated for
 17 32 the fiscal year beginning July 1, 2019, in this division of
 17 33 this Act to the department of agriculture and land stewardship
 17 34 to provide financial assistance for the establishment of
 17 35 permanent soil and water conservation practices that remain
 18 1 unencumbered or unobligated at the close of the fiscal year
 18 2 shall not revert but instead shall remain available for
 18 3 expenditure for the purposes designated until the close of the
 18 4 fiscal year beginning July 1, 2022.

CODE: Allows the unexpended funds from the EFF appropriations for soil and water conservation practices to remain available for expenditure until the close of FY 2023 or when a specific project is completed.

18 5 2. Subsection 1 does not apply to moneys transferred
18 6 pursuant to this division to the loess hills development and
18 7 conservation fund created in section 161D.2 which shall not
18 8 revert as provided in that section.

CODE: Specifies that the Hungry Canyons allocation in this Bill is exempt from the reversion date of FY 2023.

18 9 DIVISION VI
18 10 ENVIRONMENT FIRST FUND
18 11 SPECIAL APPROPRIATIONS

18 12 Sec. 23. WATER QUALITY INITIATIVE — DEPARTMENT OF
18 13 AGRICULTURE AND LAND STEWARDSHIP.

Environment First Fund appropriation to the DALs for the WQI.

18 14 1. There is appropriated from the environment first fund
18 15 created in section 8.57A to the department of agriculture
18 16 and land stewardship for the fiscal year beginning July 1,
18 17 2019, and ending June 30, 2020, the following amount, or so
18 18 much thereof as is necessary, to be used for the purposes
18 19 designated:

DETAIL: Maintains the current level of funding from the EFF. The WQI has received funding from the General Fund and the Rebuild Iowa Infrastructure Fund. Section 10 of the Bill also appropriates \$3,000,000 from the General Fund.

18 20 For deposit in the water quality initiative fund created in
18 21 section 466B.45, for purposes of supporting the water quality
18 22 initiative administered by the division of soil conservation
18 23 and water quality as provided in section 466B.42, including
18 24 salaries, support, maintenance, and miscellaneous purposes:
18 25 \$ 2,375,000

The [Nutrient Reduction Strategy Report](#) was introduced in November 2012 as a collaborative effort by the DALs, the DNR, and ISU to assess and reduce nutrient flow into Iowa waters. The WQI Program was created in [SF 435](#) (FY 2014 Agriculture and Natural Resources Appropriations Act) to provide funding for watershed practices in high-priority watersheds as designated by the Water Resources Coordinating Council (WRCC).

18 26 2. a. The moneys appropriated in subsection 1 shall be
18 27 used to support projects in subwatersheds as designated by the
18 28 division that are part of high-priority watersheds identified
18 29 by the water resources coordinating council established
18 30 pursuant to section 466B.3.

Requires the funds to be used to support projects in high-priority watersheds as identified by the WRCC.

18 31 b. The moneys appropriated in subsection 1 shall be used to
18 32 support projects in watersheds generally, including regional
18 33 watersheds, as designated by the division and high-priority
18 34 watersheds identified by the water resources coordinating
18 35 council established pursuant to section 466B.3.

Funds will be used to support watershed projects.

19 1 3. In supporting projects in subwatersheds and watersheds
19 2 as provided in subsection 2, all of the following shall apply:

Specifies criteria for projects in high-priority watersheds as follows:

19 3 a. The demonstration projects shall utilize water quality
19 4 practices as described in the Iowa nutrient reduction strategy
19 5 as defined in section 455B.171.

19 6 b. The division shall implement demonstration projects as
19 7 provided in paragraph "a" by providing for participation by
19 8 persons who hold a legal interest in agricultural land used in
19 9 farming. To every extent practical, the division shall provide
19 10 for collaborative participation by such persons who hold a
19 11 legal interest in agricultural land located within the same
19 12 subwatershed.

- Requires demonstration projects to utilize water quality practices described in the Iowa Nutrient Reduction Strategy as defined in Iowa Code section [455B.171](#).
- Requires the DALs to collaborate with agricultural landowners in targeted watersheds.
- Prohibits the State's cost-share amount of water quality protection practices from exceeding 50.00% of the value of the practices, except for edge-of-field practices.
- Requires demonstration projects to educate the public about water quality practices.

19 13 c. The division shall implement a demonstration project on
 19 14 a cost-share basis as determined by the division. However,
 19 15 except for edge-of-field practices, the state's share of the
 19 16 amount shall not exceed 50 percent of the estimated cost of
 19 17 establishing the practice as determined by the division or
 19 18 50 percent of the actual cost of establishing the practice,
 19 19 whichever is less.

19 20 d. The demonstration projects shall be used to educate other
 19 21 persons about the feasibility and value of establishing similar
 19 22 water quality practices. The division shall promote field day
 19 23 events for purposes of allowing interested persons to establish
 19 24 water quality practices on their agricultural land.

19 25 e. The division shall conduct water quality evaluations
 19 26 within supported subwatersheds. Within a reasonable period
 19 27 after accumulating information from such evaluations, the
 19 28 division shall create an aggregated database of water quality
 19 29 practices. Any information identifying a person holding a
 19 30 legal interest in agricultural land or specific agricultural
 19 31 land shall be a confidential record under section 22.7.

- Requires the DALs to conduct water quality evaluations within targeted watersheds and to create a database of water quality practices. Specifies that all information received is a confidential record and exempt from public access.

19 32 4. The moneys appropriated in subsection 1 shall be used
 19 33 to support education and outreach in a manner that encourages
 19 34 persons who hold a legal interest in agricultural land used for
 19 35 farming to implement water quality practices, including the
 20 1 establishment of such practices in watersheds generally, and
 20 2 not limited to subwatersheds or high-priority watersheds.

Requires the DALs to use funds to support education and outreach to encourage agricultural producers to establish water quality practices.

20 3 5. The moneys appropriated in subsection 1 may be used
 20 4 to contract with persons to coordinate the implementation of
 20 5 efforts provided in this section.

Permits the DALs to use funds for contracts that will assist with the implementation of the WQI.

20 6 6. The moneys appropriated in subsection 1 may be used by
 20 7 the department to support urban soil and water conservation
 20 8 efforts, which may include but are not limited to management
 20 9 practices related to bioretention, landscaping, the use of
 20 10 permeable or pervious pavement, and soil quality restoration.
 20 11 The moneys shall be allocated on a cost-share basis as provided
 20 12 in chapter 161A.

Permits the DALs to use funds to support urban soil and water conservation practices and to allocate funds on a cost-share basis.

20 13 7. Notwithstanding any other provision of law to the
 20 14 contrary, the department may use moneys appropriated in
 20 15 subsection 1 to carry out the provisions of this section on a
 20 16 cost-share basis in combination with other moneys available to
 20 17 the department from a state or federal source.

Permits the DALs to use funds as cost-share moneys for projects.

20 18 8. Not more than 10 percent of the moneys appropriated in
 20 19 this section may be used to pay for the costs of administering
 20 20 and implementing the water quality initiative by the

Prohibits the DALs from using more than 10.00% of the funds appropriated for administration and implementation of WQI practices.

20 21 department's division of soil conservation and water quality as
 20 22 provided in section 466B.42 and this section.
 20 23 DIVISION VII
 20 24 IOWA RESOURCES ENHANCEMENT AND PROTECTION FUND

20 25 Sec. 24. REAP — IN LIEU OF GENERAL FUND APPROPRIATION. In
 20 26 lieu of the standing appropriation in section 455A.18, there is
 20 27 appropriated from the environment first fund created in section
 20 28 8.57A to the Iowa resources enhancement and protection fund
 20 29 for the fiscal year beginning July 1, 2019, and ending June
 20 30 30, 2020, the following amount, to be allocated as provided in
 20 31 section 455A.19:
 20 32 \$ 12,000,000

CODE: Appropriates \$12,000,000 from the EFF to the Resources Enhancement and Protection (REAP) Fund in lieu of the \$20,000,000 General Fund standing appropriation.

DETAIL: Maintains the current level of funding.

20 33 Sec. 25. REAP — OPEN SPACES ACCOUNT — STATE PARK

20 34 MAINTENANCE AND REPAIR. Notwithstanding section 455A.19,
 20 35 subsection 1, paragraph "a", subparagraph (1), of the moneys
 21 1 allocated to the open spaces account of the Iowa resources
 21 2 enhancement and protection fund, up to \$1,000,000 may be
 21 3 used by the department of natural resources for state park
 21 4 maintenance and repair for the fiscal year beginning July 1,
 21 5 2019, and ending on June 30, 2020.

Allows the DNR to use up to \$1,000,000 from the Open Spaces Account for state park maintenance and repair for FY 2020.

DETAIL: Maintains the current level of funding.

21 6 DIVISION VIII
 21 7 RELATED CODE CHANGES — DEPARTMENT OF AGRICULTURE AND LAND
 21 8 STEWARDSHIP — PROGRAMS TO AUDIT MOTOR FUEL

21 9 Sec. 26. NEW SECTION 214A.2C AUDITING PROGRAMS.
 21 10 The department shall establish and administer programs
 21 11 for the auditing of motor fuel including biofuel processing
 21 12 and production plants, for screening and testing motor fuel,
 21 13 including renewable fuel, and for the inspection of motor fuel
 21 14 sold by dealers, including retail dealers who sell and dispense
 21 15 motor fuel from motor fuel pumps.

CODE: Codifies the requirement for the DALS to establish and administer a program to audit motor fuel that includes biofuel.

21 16 DIVISION IX
 21 17 RELATED CODE CHANGES — DEPARTMENT OF NATURAL RESOURCES —
 21 18 QUALITY AIR FUND

21 19 Sec. 27. Section 455B.133C, subsection 6, paragraph c, Code
 21 20 2019, is amended to read as follows:
 21 21 c. The department's calculated estimate for the minor source
 21 22 account shall not produce total revenues in excess of ~~two~~ seven
 21 23 hundred fifty thousand dollars during any state fiscal year.

CODE: Increases the revenue fee cap for the Minor Source Account in the Air Quality Fund from \$250,000 to \$750,000. The increase in fees collected will pay for the expenditures related to the Minor Source Account.

21 24 DIVISION X
 21 25 RELATED CODE CHANGES — FUTURE REPEAL OF MERCURY THERMOSTAT
 21 26 REGULATION

21 27 Sec. 28. Section 455D.16, Code 2019, is amended to read as
 21 28 follows:
 21 29 455D.16 MERCURY — THERMOSTATS.
 21 30 1. As used in this section, unless the context otherwise
 21 31 requires:
 21 32 a. (1) “Manufacturer” means any person, firm, association,
 21 33 partnership, corporation, governmental entity, organization,
 21 34 combination, or joint venture that owns or owned the brand name
 21 35 of the thermostat.
 22 1 (2) This paragraph “a” is repealed on January 1, 2022.
 22 2 b. “Mercury-added thermostat” means a product or device
 22 3 that uses a mercury switch to sense and control room
 22 4 temperature through communication with heating, ventilating,
 22 5 or air-conditioning equipment. “Mercury-added thermostat”
 22 6 includes thermostats used to sense and control room temperature
 22 7 in residential, commercial, industrial, and other buildings
 22 8 but does not include thermostats used to sense and control
 22 9 temperature as part of a manufacturing process.
 22 10 c. (1) “Thermostat retailer” means a person who sells
 22 11 thermostats of any kind directly to homeowners or other
 22 12 nonprofessionals through any selling or distribution mechanism,
 22 13 including but not limited to sales using the internet or
 22 14 catalogues. A thermostat retailer may also be a thermostat
 22 15 wholesaler if it meets the definition of thermostat wholesaler.
 22 16 (2) This paragraph “c” is repealed on January 1, 2022.
 22 17 d. (1) “Thermostat wholesaler” means a person who is
 22 18 engaged in the distribution and wholesale selling of large
 22 19 quantities of heating, ventilation, and air-conditioning
 22 20 components, including thermostats, to contractors who install
 22 21 heating, ventilation, and air-conditioning components,
 22 22 including thermostats.
 22 23 (2) This paragraph “d” is repealed on January 1, 2022.
 22 24 2.—~~Beginning July 1, 2009, a~~ A person shall not sell, offer
 22 25 for sale, or install a mercury-added thermostat in this state.
 22 26 3.—~~Beginning April 1, 2009, except~~ Except as otherwise
 22 27 provided, a person who generates a discarded mercury-added
 22 28 thermostat shall manage the mercury-added thermostat as a
 22 29 hazardous waste or universal hazardous waste, according to all
 22 30 applicable state and federal regulations. A contractor who
 22 31 replaces or removes mercury-added thermostats shall assure that
 22 32 any discarded mercury-added thermostat is subject to proper
 22 33 separation and management as hazardous waste or universal
 22 34 hazardous waste. A contractor who replaces a mercury-added
 22 35 thermostat in a residence shall deliver the mercury-added
 23 1 thermostat to an appropriate collection location for recycling.
 23 2 4. a. Each thermostat manufacturer that has offered for
 23 3 final sale, sold at final sale, or distributed mercury-added

CODE: Section 27 specifies that a mercury-added thermostat cannot be sold, installed, or disposed into solid waste in Iowa. Requires a discarded mercury-added thermostat be treated as hazardous waste and details disposal procedures for a contractor that replaces a mercury-added thermostat. Specifies the responsibilities of the DNR to review and approve manufacturer plans and allow public comments on plans with the overall goal to collect and recycle as many mercury-added thermostats. The repeal date is January 1, 2022.

23 4 thermostats in the state shall individually, or in conjunction
23 5 with other thermostat manufacturers, do all of the following:

23 6 ~~a.~~ (1) Not later than October 1, 2008, submit a plan to
23 7 the department for approval describing a collection program for
23 8 mercury-added thermostats. The program contained in the plan
23 9 shall ensure that all the following take place:

23 10 ~~(1)~~ (a) That an education and outreach program is
23 11 developed. The program shall be directed toward thermostat
23 12 wholesalers, thermostat retailers, contractors, and homeowners
23 13 and ensure a maximum rate of collection of mercury-added
23 14 thermostats. There shall not be a cost to thermostat
23 15 wholesalers or thermostat retailers for education and outreach
23 16 materials.

23 17 ~~(2)~~ (b) That handling and recycling of mercury-added
23 18 thermostats are accomplished in a manner that is consistent
23 19 with the provisions of the universal waste rules.

23 20 ~~(3)~~ (c) That containers for mercury-added thermostat
23 21 collection are provided to all thermostat wholesalers. The
23 22 cost to thermostat wholesalers for such containers shall be
23 23 limited to an initial, reasonable, one-time fee per container
23 24 as specified in the plan.

23 25 ~~(4)~~ (d) That collection points will be established to serve
23 26 homeowners. The collection points shall include but are not
23 27 limited to regional collection centers permitted under 567 IAC
23 28 ch.123. Collection points may include but are not limited to
23 29 thermostat retailers.

23 30 ~~(5)~~ (e) That collection systems are provided to all
23 31 collection points. Collection systems may include individual
23 32 product mail back or multiple collection containers. The costs
23 33 of collection shall not be passed on to a collection point.
23 34 The costs to a collection point shall be limited to an initial,
23 35 reasonable, one-time fee per container as specified in the
24 1 plan.

24 2 ~~b. (2) Not later than April 1, 2009, implement~~ Implement
24 3 a mercury-added thermostat collection plan approved by the
24 4 department.

24 5 ~~e.~~ (3) Beginning in 2010, submit an annual report to the
24 6 department by April 1 of each year that includes, at a minimum,
24 7 all of the following:

24 8 ~~(1)~~ (a) The number of mercury-added thermostats collected
24 9 and recycled by that manufacturer during the previous calendar
24 10 year.

24 11 ~~(2)~~ (b) The estimated total amount of mercury contained in
24 12 the thermostat components collected by that manufacturer during
24 13 the previous calendar year.

24 14 ~~(3)~~ (c) A list of all participating thermostat wholesalers
24 15 and all collection points for homeowners.

24 16 ~~(4)~~ (d) An evaluation of the effectiveness of the

24 17 manufacturer's collection program.

24 18 ~~(5) (e)~~ An accounting of the administrative costs incurred

24 19 in the course of administering the collection and recycling

24 20 program.

24 21 b. This subsection is repealed on January 1, 2022.

24 22 5. ~~a. (1)~~ ~~By April 1, 2009, a~~ A thermostat wholesaler

24 23 shall do ~~both~~ all of the following:

24 24 ~~(1) (a)~~ Act as a collection site for mercury-added

24 25 thermostats.

24 26 ~~(2) (b)~~ Promote and utilize the collection containers

24 27 provided by thermostat manufacturers to facilitate a contractor

24 28 collection program.

24 29 ~~b. (2)~~ ~~By April 1, 2009, a~~ A thermostat retailer shall

24 30 participate in an education and outreach program to educate

24 31 consumers on the collection program for mercury-added

24 32 thermostats.

24 33 b. This subsection is repealed on January 1, 2022.

24 34 6. ~~a. Beginning April 1, 2009, all~~ All of the following

24 35 sales prohibitions shall apply to thermostat manufacturers,

25 1 thermostat wholesalers, and thermostat retailers:

25 2 ~~a. (1)~~ A thermostat manufacturer not in compliance with

25 3 this section is prohibited from offering any thermostat for

25 4 final sale in the state. A thermostat manufacturer not in

25 5 compliance with this section shall provide the necessary

25 6 support to thermostat wholesalers and thermostat retailers to

25 7 ensure the manufacturer's thermostats are not offered for final

25 8 sale.

25 9 ~~b. (2)~~ A thermostat wholesaler or thermostat retailer shall

25 10 not offer for final sale any thermostat of a manufacturer that

25 11 is not in compliance with this section.

25 12 b. This subsection is repealed on January 1, 2022.

25 13 7. a. The department shall do all of the following:

25 14 ~~a. (1)~~ Review and grant approval of, deny, or approve with

25 15 modifications a manufacturer plan required under this section.

25 16 The department shall not approve a plan unless all elements of

25 17 subsection 4, paragraph "a", ~~subparagraph (1)~~ are adequately

25 18 addressed and the program outlined in the plan will assure a

25 19 maximum rate of collection of mercury-added thermostats. In

25 20 reviewing a plan the department may consider consistency of

25 21 the plan with collection requirements in other states and

25 22 consider consistency between thermostat manufacturer collection

25 23 programs. In reviewing plans, the agency shall ensure that

25 24 education and outreach programs are uniform and consistent to

25 25 ensure ease of implementation by thermostat wholesalers and

25 26 thermostat retailers.

25 27 ~~b. (2)~~ The department shall establish a process for

25 28 public review and comment on all plans submitted by thermostat

25 29 manufacturers prior to plan approval. The department shall

25 30 consult with interested persons, including representatives of
 25 31 thermostat manufacturers, environmental groups, thermostat
 25 32 wholesalers, thermostat retailers, contractors, and local
 25 33 government.
 25 34 b. This subsection is repealed on January 1, 2022.
 25 35 8.a. The goal of the collection and recycling efforts
 26 1 under this section is to collect and recycle as many
 26 2 mercury-added thermostats as reasonably practicable. By
 26 3 January 1, 2009, the department shall determine collection
 26 4 goals for the program in consultation with interested persons,
 26 5 including the national electrical manufacturers association
 26 6 and representatives of thermostat manufacturers, thermostat
 26 7 wholesalers, thermostat retailers, contractors, environmental
 26 8 groups, and local government. If collection efforts fail to
 26 9 meet the collection goals described in this subsection, the
 26 10 department shall, in consultation with the national electrical
 26 11 manufacturers association and other interested persons,
 26 12 consider modifications to collection programs in an attempt to
 26 13 improve collection rates in accordance with these goals.
 26 14 b. This subsection is repealed on January 1, 2022.

26 15 DIVISION XI
 26 16 RELATED CODE CHANGES — STATE UNIVERSITY OF IOWA — IOWA
 26 17 GEOLOGICAL SURVEY

26 18 Sec. 29. Section 352.4, subsection 4, Code 2019, is amended
 26 19 to read as follows:
 26 20 4. The ~~state~~ department of agriculture and land
 26 21 stewardship, department of management, department of natural
 26 22 resources, Iowa geological survey, state agricultural extension
 26 23 service, and the economic development authority shall, upon
 26 24 request, provide to each county commission any pertinent land
 26 25 use information available to assist in the compiling of the
 26 26 county land use inventories.

CODE: Specifies the DALs, the Department of Management, the DNR, the Iowa Geological Survey, the ISU Extension Service, and the Economic Development Authority will assist a county commission that is preparing a land use inventory. Technical conforming changes associated with Section 28.

26 27 Sec. 30. Section 456.1, Code 2019, is amended to read as
 26 28 follows:
 26 29 ~~456.1—GEOLOGICAL IOWA GEOLOGICAL SURVEY CREATED.~~
 26 30 —A Iowa geological survey of the state is created within
 26 31 the state university of Iowa, under the jurisdiction and
 26 32 authority of the state board of regents.

CODE: Changes the name of the Geological Survey to the Iowa Geological Survey at the University of Iowa.

26 33 Sec. 31. Section 456.10, Code 2019, is amended to read as
 26 34 follows:
 26 35 456.10 DISTRIBUTION OF REPORTS.
 27 1 All publications of the Iowa geological survey shall be made
 27 2 available electronically via an internet site maintained for
 27 3 that purpose.

CODE: States that all Iowa Geological Survey reports will be available electronically. Technical conforming change.

27 4 Sec. 32. Section 456.13, Code 2019, is amended to read as
27 5 follows:
27 6 456.13 MAPS PROPERTY OF STATE — CUSTODY — COPIES.
27 7 The maps so delivered to the state geologist shall be the
27 8 property of the state and shall remain in the custody of the
27 9 state geologist. They shall be kept at the office of the Iowa
27 10 geological survey and be open to examination by all persons
27 11 interested in the maps; but such examination shall only be made
27 12 in the presence of the state geologist or a designee, and the
27 13 state geologist shall not permit any copies of the maps to be
27 14 made without the written consent of the operator or the owner
27 15 of the property, except as provided in section 456.11 or if the
27 16 mine has been abandoned for at least five years.

CODE: Specifies that the State Geologist will maintain custody of all maps, and details the procedures for persons wanting to review the maps. Technical conforming change.

Summary Data

General Fund

	Actual FY 2018 (1)	Estimated FY 2019 (2)	Gov Rec FY 2020 (3)	Senate Action FY 2020 (4)	Senate Action vs. Est 2019 (5)
Agriculture and Natural Resources	\$ 38,532,522	\$ 39,357,522	\$ 46,682,522	\$ 39,961,522	\$ 604,000
Grand Total	\$ 38,532,522	\$ 39,357,522	\$ 46,682,522	\$ 39,961,522	\$ 604,000

Agriculture and Natural Resources

General Fund

	Actual FY 2018 (1)	Estimated FY 2019 (2)	Gov Rec FY 2020 (3)	Senate Action FY 2020 (4)	Senate Action vs. Est 2019 (5)	Page and Line # (6)
<u>Agriculture and Land Stewardship, Dept of</u>						
Agriculture and Land Stewardship						
Administrative Division	\$ 17,451,888	\$ 18,023,339	\$ 18,023,339	\$ 18,327,339	\$ 304,000	PG 1 LN 4
Milk Inspections	189,196	189,196	189,196	189,196	0	PG 3 LN 17
Local Food and Farm	75,000	75,000	75,000	75,000	0	PG 3 LN 32
Agricultural Education	25,000	25,000	25,000	25,000	0	PG 4 LN 16
Farmers with Disabilities	130,000	130,000	130,000	180,000	50,000	PG 4 LN 31
Foreign Animal Disease	100,000	250,000	500,000	500,000	250,000	PG 5 LN 23
Water Quality Initiative	3,000,000	3,000,000	8,200,000	3,000,000	0	PG 6 LN 1
GF - Ag Drainage Wells	0	0	1,875,000	0	0	
Total Agriculture and Land Stewardship, Dept of	\$ 20,971,084	\$ 21,692,535	\$ 29,017,535	\$ 22,296,535	\$ 604,000	
<u>Natural Resources, Department of</u>						
Natural Resources						
Natural Resources Operations	\$ 11,176,438	\$ 11,554,987	\$ 11,554,987	\$ 11,554,987	\$ 0	PG 8 LN 12
Floodplain Management Program	1,885,000	1,510,000	1,510,000	1,510,000	0	PG 10 LN 35
Forestry Health Management	500,000	500,000	500,000	500,000	0	PG 11 LN 19
Total Natural Resources, Department of	\$ 13,561,438	\$ 13,564,987	\$ 13,564,987	\$ 13,564,987	\$ 0	
<u>Regents, Board of</u>						
Regents, Board of						
ISU - Veterinary Diagnostic Laboratory	\$ 4,000,000	\$ 4,100,000	\$ 4,100,000	\$ 4,100,000	\$ 0	PG 12 LN 2
Total Regents, Board of	\$ 4,000,000	\$ 4,100,000	\$ 4,100,000	\$ 4,100,000	\$ 0	
Total Agriculture and Natural Resources	\$ 38,532,522	\$ 39,357,522	\$ 46,682,522	\$ 39,961,522	\$ 604,000	

Summary Data

Other Funds

	Actual FY 2018 (1)	Estimated FY 2019 (2)	Gov Rec FY 2020 (3)	Senate Action FY 2020 (4)	Senate Action vs. Est 2019 (5)
Agriculture and Natural Resources	\$ 90,319,878	\$ 90,668,392	\$ 90,568,392	\$ 90,668,392	\$ 0
Grand Total	\$ 90,319,878	\$ 90,668,392	\$ 90,568,392	\$ 90,668,392	\$ 0

Agriculture and Natural Resources

Other Funds

	Actual FY 2018 (1)	Estimated FY 2019 (2)	Gov Rec FY 2020 (3)	Senate Action FY 2020 (4)	Senate Action vs. Est 2019 (5)	Page and Line # (6)
<u>Agriculture and Land Stewardship, Dept of</u>						
Agriculture and Land Stewardship						
Native Horse & Dog Prog - Unclaimed Winnings	\$ 295,516	\$ 305,516	\$ 305,516	\$ 305,516	\$ 0	PG 2 LN 6
Motor Fuel Inspection - RFIF	500,000	500,000	500,000	500,000	0	PG 2 LN 18
Conservation Reserve Enhance - EFF	1,000,000	1,000,000	1,000,000	1,000,000	0	PG 13 LN 3
Watershed Protection Fund - EFF	900,000	900,000	900,000	900,000	0	PG 13 LN 19
Farm Management Demo - EFF	375,000	0	0	0	0	
Soil & Water Conservation - EFF	3,800,000	3,800,000	3,800,000	3,800,000	0	PG 13 LN 27
Conservation Reserve Prog - EFF	900,000	900,000	900,000	900,000	0	PG 13 LN 34
Cost Share - EFF	8,325,000	8,325,000	8,325,000	8,325,000	0	PG 14 LN 8
Water Quality Initiative - EFF	2,375,000	2,375,000	2,375,000	2,375,000	0	PG 18 LN 12
Total Agriculture and Land Stewardship, Dept of	\$ 18,470,516	\$ 18,105,516	\$ 18,105,516	\$ 18,105,516	\$ 0	
<u>Natural Resources, Department of</u>						
Natural Resources						
Fish & Game - DNR Admin Expenses	\$ 43,768,530	\$ 44,007,044	\$ 44,007,044	\$ 44,007,044	\$ 0	PG 9 LN 5
GWF - Storage Tanks Study	100,303	100,303	100,303	100,303	0	PG 9 LN 33
GWF - Household Hazardous Waste	447,324	447,324	447,324	447,324	0	
GWF - Well Testing Admin 2%	62,461	62,461	62,461	62,461	0	
GWF - Groundwater Monitoring	1,686,751	1,686,751	1,686,751	1,686,751	0	
GWF - Landfill Alternatives	618,993	618,993	618,993	618,993	0	
GWF - Waste Reduction and Assistance	192,500	192,500	192,500	192,500	0	
GWF - Solid Waste Alternatives	50,000	50,000	50,000	50,000	0	
GWF - Geographic Information System	297,500	297,500	297,500	297,500	0	
Snowmobile Registration Fees	100,000	100,000	100,000	100,000	0	PG 10 LN 13
Administration Match - UST	200,000	200,000	200,000	200,000	0	PG 10 LN 22
Park Operations & Maintenance - EFF	6,235,000	6,235,000	6,235,000	6,235,000	0	PG 15 LN 34
GIS Information for Watershed - EFF	195,000	195,000	195,000	195,000	0	PG 16 LN 9
Water Quality Monitoring - EFF	2,955,000	2,955,000	2,955,000	2,955,000	0	PG 16 LN 14
Water Quality Protection - EFF	500,000	500,000	500,000	500,000	0	PG 16 LN 18
Animal Feeding Operations - EFF	1,320,000	1,320,000	1,320,000	1,320,000	0	PG 16 LN 22
Ambient Air Quality Monitoring - EFF	425,000	425,000	425,000	425,000	0	PG 16 LN 26
Water Quantity - EFF	495,000	0	0	0	0	
Geological and Water Survey - EFF	200,000	0	0	0	0	
Floodplain Mgmt and Dam Safety - EFF	0	375,000	375,000	375,000	0	PG 16 LN 32
REAP - EFF	12,000,000	12,000,000	12,000,000	12,000,000	0	PG 20 LN 25
Total Natural Resources, Department of	\$ 71,849,362	\$ 71,767,876	\$ 71,767,876	\$ 71,767,876	\$ 0	

Agriculture and Natural Resources

Other Funds

	Actual FY 2018 (1)	Estimated FY 2019 (2)	Gov Rec FY 2020 (3)	Senate Action FY 2020 (4)	Senate Action vs. Est 2019 (5)	Page and Line # (6)
<u>Regents, Board of</u>						
Regents, Board of						
Geological and Water Survey - EFF	\$ 0	\$ 0	\$ 0	\$ 200,000	\$ 200,000	PG 17 LN 6
Water Quantity Program - EFF	0	0	0	495,000	495,000	PG 17 LN 14
SUI - Geological and Water Survey Oper. - EFF	0	200,000	200,000	0	-200,000	
SUI - Water Resource Management - EFF	0	495,000	495,000	0	-495,000	
Total Regents, Board of	\$ 0	\$ 695,000	\$ 695,000	\$ 695,000	\$ 0	
<u>Treasurer of State, Office of</u>						
Treasurer of State						
Farm Management Demonstration - WPF	\$ 0	\$ 100,000	\$ 0	\$ 100,000	\$ 0	PG 2 LN 28
Total Treasurer of State, Office of	\$ 0	\$ 100,000	\$ 0	\$ 100,000	\$ 0	
Total Agriculture and Natural Resources	\$ 90,319,878	\$ 90,668,392	\$ 90,568,392	\$ 90,668,392	\$ 0	

Summary Data

FTE Positions

	<u>Actual FY 2018 (1)</u>	<u>Estimated FY 2019 (2)</u>	<u>Gov Rec FY 2020 (3)</u>	<u>Senate Action FY 2020 (4)</u>	<u>Senate Action vs. Est 2019 (5)</u>
Agriculture and Natural Resources	<u>1,247.89</u>	<u>1,419.22</u>	<u>1,422.27</u>	<u>1,568.95</u>	<u>149.73</u>
Grand Total	<u><u>1,247.89</u></u>	<u><u>1,419.22</u></u>	<u><u>1,422.27</u></u>	<u><u>1,568.95</u></u>	<u><u>149.73</u></u>

Agriculture and Natural Resources

FTE Positions

	Actual FY 2018 (1)	Estimated FY 2019 (2)	Gov Rec FY 2020 (3)	Senate Action FY 2020 (4)	Senate Action vs. Est 2019 (5)	Page and Line # (6)
<u>Agriculture and Land Stewardship, Dept of</u>						
Agriculture and Land Stewardship						
Administrative Division	297.09	322.32	322.32	372.00	49.68	PG 1 LN 4
Total Agriculture and Land Stewardship, Dept of	297.09	322.32	322.32	372.00	49.68	
<u>Natural Resources, Department of</u>						
Natural Resources						
Natural Resources Operations	908.85	1,048.95	1,048.95	1,145.95	97.00	PG 8 LN 12
Total Natural Resources, Department of	908.85	1,048.95	1,048.95	1,145.95	97.00	
<u>Regents, Board of</u>						
Regents, Board of						
ISU - Veterinary Diagnostic Laboratory	41.95	47.95	51.00	51.00	3.05	PG 12 LN 2
Total Regents, Board of	41.95	47.95	51.00	51.00	3.05	
Total Agriculture and Natural Resources	1,247.89	1,419.22	1,422.27	1,568.95	149.73	