

**MINUTES
OF THE
ENVIRONMENTAL PROTECTION COMMISSION
MEETING
MARCH 17, 2015**

**DNR AIR QUALITY
7900 HICKMAN ROAD
WINDSOR HEIGHTS, IOWA**

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MEETING MINUTES

CALL TO ORDER

The meeting of the Environmental Protection Commission was called to order by Chairperson Mary Boote at 10:00 a.m. on March 17, 2015 at the DNR Air Quality in Windsor Heights, Iowa.

COMMISSIONERS PRESENT

- Mary Boote, Chair
- Nancy Couser, Secretary
- Cindy Greiman
- LaQuanda Hoskins
- Chad Ingels
- Bob Sinclair
- Max Smith, Vice-Chair
- Gene Ver Steeg

COMMISSIONERS ABSENT

- Brent Rastetter

ADOPTION OF AGENDA

Motion was made by Gene Ver Steeg to approve the agenda as presented. Seconded by Cindy Greiman. Motion carried unanimously.

APPROVED AS PRESENTED

APPROVAL OF MINUTES

Motion was made by Chad Ingels to approve the February 17, 2015 EPC meeting minutes. Seconded by LaQuanda Hoskins. Motion carried unanimously.

APPROVED AS PRESENTED

MONTHLY REPORTS

Jerah Sheets shared with the Commission Bill Ehm was attending the Environmental Council of the States meeting in Washington, D.C. During the February EPC meeting, Bill Ehm shared with the Commission his intent to interview 5 candidates for the Water Quality Bureau Chief. Since the last meeting, the top candidate was announced as Jon Tack.

Director Gipp summarized with the Commission various Legislative bills this session regarding tuition rates for the regents, community government, and air quality funding.

The following monthly reports have been posted on the DNR website under the appropriate meeting month:
<http://www.iowadnr.gov/InsideDNR/BoardsCommissions.aspx>

1. Rulemaking Status Report
2. Variance Report
3. Enforcement Status Report
4. Administrative Penalty Report
5. Attorney General Referrals Report
6. Contested Case Status Report

INFORMATION

PUBLIC COMMENT

Jane Alderman – ICCI

Jane Alderman shared with the Commission that despite known water quality issues, politicians believe voluntary compliance will solve the issues. The EPC must agree because the DNR has not issued any clean water permits or fines for violations, nor has it collected on the fines issued. She asked the Commission what it was doing to get more funding to solve the water issues. She believes as an environmental protection group, the Commission should take the lead to push the DNR to protect the water. Voluntary measures do not work and will not work. She does not want Des Moines to experience the same drinking water issues as Toledo, Ohio. All Iowans drink water and need the Commission to truly be an environmental protection group.

Janis Elliot – ICCI

Janis Elliot recently retired as a school teacher. She reminisced about a time when the school administration wanted to integrate special education students within standard classrooms. When teachers explained how mixing the groups would not work, the administration told them to make it work. The teachers tried and the integration didn't work. The state is doing the same thing with the DNR when there is no support for follow-up after a spill. There is not enough funds to have adequate inspectors. The people breaking the law will continue unless there are inspectors to catch them. DNR should push the Legislature for more money and more inspectors.

Mary Clark – ICCI

Mary Clark provided the Commissioners with a handout. She expressed concern for all Iowans with wells and small communities that do not have the ability to install costly nitrate removal systems. Des Moines Water Works may have to upgrade its facility with an additional \$70 million to keep up with the ever increasing polluted waters. Each drainage district operates without a permit. Sixty-three percent of Iowans support the lawsuit. She listed a number of health issues caused from polluted waters. She shared a personal story of how she lost her child from high nitrates in her well water. Voluntary compliance of the nutrient reduction strategy doesn't work. She stated there are people spraying manure on frozen ground which is illegal. Tough actions are needed to save the water and protect our children.

Patti McKee – ICCI

Patti McKee spoke in memory of her mother’s friend who suffered illnesses her whole life from a neighboring hog farm. She called upon the EPC to clean up the water and eliminate algae blooms. She urged the Commission to issue adequate fines. She asked for funding for inspectors to do their job. She requested for a database to be developed for public access of factory farms. She asked the Commission to protect Iowans.

Carrie Fisher – ICCI

Carrie Fisher wished the Commissioners a Happy St. Patrick’s day. She wore green to represent algae blooms. Last summer, the DNR had to warn citizens to look out for streams of color which should not be swum in. The algae blooms are strengthening each year because of the nitrates feeding them. Toledo had to issue a no drinking water advisory for the city. The same water advisory may be a potential reality for Iowa. She asked for nitrates to be cut down in our water ways.

Jess Mazour – ICCI

Jess Mazour asked the Commission to request more funding because the DNR was not able to reach its 20% inspection goal. If you need more funding, she suggested corporate AG could pay more. She asked when the 303(d) list was going to be issued. All factory farms should have permits. With fines only around \$300 compared to \$1,000s for upgrades to a facility, producers will continue to pay the fine. A database is needed. In Sioux County, the Commission approved the construction of a facility in Adair County. Two of the neighbors told the Commission they would die if the facility was built. Within two weeks of the facilities being built, each person passed away.

Vern Tigges – ICCI

Vern Tigges shared he has been coming to the EPC for 20 years. At 72 years old, he remembered when he was 10 years old and drove the thresher. During those times, it was custom to throw the driver in the water tank. But this time, he ingested the green water and had dysentery for 2 weeks. Over the years he has learned that climate change and industrial AG are related and caused by human actions.

Stephen Tews – ICCI

Stephen Tews shared with the Commission rivers flow from northwest to southeast. He lives in the southeast and so shit flows downhill. The proposed pipeline plans to follow the river corridors. The plan is to increase the pipe thickness when it crosses the river which made him inquire why the whole length of pipe shouldn’t be thick. He believes the Commission’s role is to protect the environment and so the Commission should send a statement to the Utilities Board on how the pipeline could severely affect the land. Blue green algae produces toxins harmful to animals and plants. New reports suggest algae blooms are fed by nutrients like nitrates and phosphates. Toledo is about the same size as Des Moines. He asked to have the algae removed from the water.

Sharon Donovan – ICCI

Sharon Donovan welcomes spring. She read a poetic description of a lush, blooming, fresh landscape and related how Iowa used to be beautiful. She believes today Iowa’s rivers are filled with fecal matter from hogs. Iowa ranks 49th in the nation for water quality. Convenience to farmers is not a governing principle. She asked the Commission to perform its task to protect the environment and health of all Iowans.

Written Comments Submitted

None

END OF PUBLIC COMMENT

DIRECTORS REMARKS

Director Gipp had no further remarks.

INFORMATION

CLEAN WATER AND DRINKING WATER STATE REVOLVING LOAN FUND – FY 2015 INTENDED USE PLANS FOURTH QUARTER UPDATES

Patti Cale-Finnegan, SRF Coordinator, of the Water Quality Bureau presented the following item.

Commission approval was requested for the fourth quarter updates to the Clean Water State Revolving Fund (CWSRF) and Drinking Water State Revolving Fund (DWSRF) Intended Use Plans (IUPs) for FY 2015 (July 1, 2014 – June 30, 2015).

The CWSRF finances publicly owned wastewater and sewer facilities, storm water management for water quality, and nonpoint source control practices to keep pollution out of Iowa's water. The DWSRF covers water system projects, including source water, treatment, storage, and distribution and transmission, as well as consolidation and connections.

The Iowa SRF is operated through a coordinated partnership between the Department of Natural Resources (DNR) and the Iowa Finance Authority (IFA). DNR administers the environmental and permitting aspects of the programs, with IFA providing financial assistance including loan approval and disbursements. Other important partners include the U.S. Environmental Protection Agency (EPA), the Iowa Department of Agriculture and Land Stewardship, Soil and Water Conservation Districts, county sanitarians, participating lenders, and others.

The IUPs include plans of action for the SRF programs, including goals and objectives, an analysis of current and projected financial capability, financial management strategies, the project priority lists, discussion of set-aside programs and efforts, and planned uses for administrative accounts.

The fourth quarter updates include new project requests as shown in the attached project priority lists. The Sources and Uses tables for both CWSRF and DWSRF show that funds are available or obtainable to provide anticipated disbursements. Iowa continues to be able to fund all projects that are eligible for SRF assistance. Examples of new projects and recently executed loans include:

New Projects

<u>CWSRF/ DWSRF</u>	<u>Applicant</u>	<u>Project Description</u>	<u>Amount Requested</u>
DWSRF	City of Van Meter	Construct new water treatment plant to include iron filtration, and install two new wells	\$4,608,000
DWSRF	City of Dakota City	Drill second well to provide quality water to meet the City's peak demands and meet requirements for a redundant water source	\$708,525
DWSRF	City of Manson	Planning and design loan to investigate a site for a new well	\$558,000
CWSRF	City of Fort Madison	Replace aging, obsolete, and deteriorating equipment at the wastewater treatment plant, implement nutrient removal, upgrade control systems, and add flood protection	\$15,497,000
CWSRF	City of Keystone	Upgrade treatment to meet ammonia limits in new NPDES permit and install ultraviolet disinfection for bacteria limits	\$3,239,919
CWSRF	City of Granville	Planning and design loan to prepare for relining sewer pipes and rehabilitating manholes to eliminate infiltration and inflow	\$102,000

Recently Executed Loans

<u>CWSRF/ DWSRF</u>	<u>Borrower</u>	<u>Project Description</u>	<u>Loan Amount</u>
DWSRF	City of Ames	Construction of new 15 million gallon/day water treatment plant with LEED certification for environmental sustainability	\$76,325,000
DWSRF	City of Churdan	Construction of pipeline to connect the City to a safe drinking water source through Xenia Rural Water	\$1,120,000

DWSRF	City of Swea City	Planning and design loan to study the installation of a new well and improvements to the water treatment plant	\$100,000
CWSRF	City of Granger	Wastewater treatment plant upgrades to replace existing facility that is beyond design life and capacity	\$5,000,000
CWSRF	City of Titonka	Reline sewers to reduce infiltration and inflow to address basement backups and excess flows to treatment facility	\$377,000
CWSRF	City of Elkhart	Planning and design loan to study upgrades to wastewater treatment to meet permit limits	\$150,000

Individual projects under the General Nonpoint Source program that involve purchase of land must be approved by the Environmental Protection Commission. Two projects are proposed this quarter by the Iowa Natural Heritage Foundation.

Project	Description	Water Quality Benefit	Loan Amount
Westfall/Kruse Property – Johnson County	Purchase of 368 acres of floodplain timber and cropland along 1.5 miles of the Iowa River between Iowa City and Lone Tree	The landowner sought a buyer due to consistent flooding and crop damage. This segment of the Iowa River is listed as impaired needing a TMDL. Once the land is in public ownership it will be planted to native vegetation which will help reduce siltation and direct chemical inputs to the river. Restoring the floodplain to its natural function will also provide water quality benefits. This site is also valuable for wildlife habitat including Sandhill cranes and bald eagles.	\$1,273,250
Stamer Addition to Waterman Creek Wildlife Area – O’Brien Count	Purchase of a 227 acre parcel adjoining the Waterman Prairie Complex in the Little Sioux River watershed	A portion of the property lies in the floodplain of Waterman Creek. The long-term goal will be to maximize perennial cover in the floodplain to benefit water quality and wildlife habitat. The upland portion contains a mix of remnant prairie, woodland, and savannah. The Little Sioux River in this area is listed as partially impaired. The Little Sioux watershed is one of two in Iowa identified for conserving aquatic biodiversity.	\$1,373,350

Each draft IUP is released for public comment, and then presented for approval to the Commission. A public meeting was held February 5, 2015 to receive comments on the proposed IUP updates. There were no comments. The written comment period closed on February 12, 2015. There were no written comments.

Commissioner Sinclair inquired into the loan forgiveness program. Patti Cale-Finnegan shared with the Commission beginning in 2009, the federal government directed a stated percentage of the fund to be dedicated to loan forgiveness. Specified projects are eligible for loan forgiveness with public health benefits and green initiatives and for disadvantaged communities. Land purchases for the Iowa Natural Heritage Foundation are not eligible for loan forgiveness.

Commissioner Ingels inquired into the Water Resource Restoration sponsored projects. Patti Cale-Finnegan shared with the Commission that currently 38 are participating and 11 new applications were received in March. Recommendations for new participants will be brought to the Commission in June.

Motion was made by Cindy Greiman to approve the agenda item as presented. Seconded by Bob Sinclair. Motion carried unanimously

APPROVED AS PRESENTED

CONTRACT WITH THE UNIVERSITY OF IOWA FOR IDNR SHL TMDL CONTRACT

Jason Palmer, Natural Resource Biologist, of the TMDL Section of the Water Quality Bureau presented the following item.

Commission approval was requested for a [one] year-service contract with the State Hygienic Laboratory at the University of Iowa (SHL) to analyze water quality samples collected by Iowa DNR staff. The contract will begin on April 1, 2015 and terminate on May 15, 2016. The total amount of this contract shall not exceed \$149,661.

Funding Source:

This contract will be funded through the U.S. Environmental Protection Agency Clean Water Act Section 319 Funds; CFDA number 66.460 and section 106 funds; CFDA number 66.419.

Background:

The DNR Watershed Improvement section has been supporting the development of Total Maximum Daily Load models and documents by collecting water quality, biological and physical data in watersheds of interest for many years. This current contract is a continuation of this effort and the data collected will be used to identify the potential source(s) and magnitude of pollutants impacting targeted water bodies in the state of Iowa.

Purpose:

The parties propose to enter into this Contract for the purpose of retaining the Contractor to provide: analytical services for the TMDL monitoring program.

Contractor Selection Process:

The SHL was chosen as contractor based on the Code of Iowa (455B.103), which directs the DNR to contract with public agencies of the state. SHL was also chosen for this project due to their sample analysis expertise.

Motion was made by Nancy Couser to approve the agenda item as presented. Seconded by LaQuanda Hoskins. Motion carried unanimously

APPROVED AS PRESENTED

AIR QUALITY - TITLE V FEE BUDGET REVIEW

Jim McGraw, Supervisor, of the Program Development Section of the Air Quality Bureau presented the following item.

The Department provided the draft state fiscal year (SFY) 2016 Title V budget to the Commission for information. The Air Quality Bureau's (Bureau) Title V budget is summarized in the attachment for information. The Bureau's budget is comprised of Title V fees, federal grants, and state general fund revenues. This proposal relates only to the Title V fee portion of the Bureau's budget. The Commission will be asked to set the fee based on the program's budget by no later than the May meeting this year.

Program Background

The Title V program is required by the federal Clean Air Act as amended in 1990. The Clean Air Act requires states to charge fees sufficient to cover all reasonable direct and indirect costs required to develop and administer the Title V program requirements (42 U.S.C. 7661a). The Air Quality Bureau (Bureau) developed the Title V fee structure, including eligible program activities, with stakeholder collaboration in the early 1990s.

The Title V fee is calculated by dividing the estimated budget by the chargeable emissions as reported by facilities each March 31. The Bureau provides this information to the Commission no later than the May meeting. The Commission will be asked to set the fee based on the program's budget by no later than the May meeting this year. The Title V fees are due each July 1 and fund the activities for the entire year. For example, the Title V fees to be paid on July 1, 2015, are based on 2014 emissions and will fund SFY 2016, or July 1, 2015, to June 30, 2016.

What is a Title V operating permit?

A Title V operating permit is required for those facilities with potential emissions that exceed the major stationary source thresholds. A major stationary source is a facility that has the potential to emit 100 tons per year (tpy) or more of any air pollutant; or the potential to emit 10 tpy or more of any individual hazardous air pollutant; or the potential to emit 25 tpy or more of any combination of hazardous air pollutants.

Currently Iowa has 283 major stationary sources, also referred to as Title V facilities. Examples of Title V facilities include electric utilities, food and grain processors, manufacturing operations, natural gas pipelines, ethanol plants, and cement plants.

The Title V fee is based on the first 4,000 tons of each regulated air pollutant emitted each year from each major stationary source in the state. Regulated pollutants include: particulate matter less than 10 micrometers in diameter (PM₁₀), sulfur dioxide (SO₂), nitrogen oxides (NO_x), volatile organic compounds (VOC), lead (Pb), and hazardous air pollutants (HAP). Greenhouse gas emissions are not subject to Title V fees. The fee is used to support the development and administration of activities associated with major sources subject to the Title V Operating Permit Program.

Summary of Current Year (SFY 2015) Changes to Date

The Department received an appropriation of \$1.4 million dollars from the State's Household Hazardous Waste account to address the Bureau's shortfall in SFY 2015. That special appropriation combined with \$513,000 in Title V funds carried forward allowed the Bureau to have a status quo services budget in FY 2015.

The reduction in fees continues to reflect the trend of reduced emissions primarily due to changes in fuel use from coal to natural gas and on-going implementation of federal regulations that reduce air emissions. Facilities that were previously required to be in the Title V program due only to greenhouse gas emissions are no longer subject to Title V unless other factors would trigger the requirement. Several facilities have requested to leave the program and receive a refund of the FY 2015 fees. The changes in Title V tonnage due to these requests to

exit the program may not be known until spring 2015. The Bureau received unexpected additional personnel costs of approximately 1% in mid FY 2015 due to increased healthcare costs.

Changes within the Department regarding organization and assignment of Information Technology (IT) staff have impacted the implementation of the FY 15 budget and will impact the FY 2016 Budget. The State has consolidated many of the IT positions. Instead of a dedicated full-time position for SPARS work, a contractor has been hired to maintain the system.

Air Quality Stakeholder Group & Recommendations for Future Funding

The Iowa General Assembly provided a special appropriation to fund the shortfall for FY 2015 and established the Air Quality Stakeholder Group to study the air quality services provided and the funding of the air quality program (HF 2473, Iowa GA 85). The Stakeholder Group was comprised of representatives of large and small Iowa industries, local governments, and environmental interests. Stakeholder group members developed six recommendations for funding the air quality program for next year and beyond. The recommendations were included in a report submitted in December 2014 to the Iowa General Assembly, and presented to the Commission in January by the Bureau.

The recommendations included new user fees and additional State funds to generate ongoing operating revenue for the Bureau. New revenues from fees are needed to support the asbestos program, and application fees for operating permits, construction permits, and dispersion modeling. The report recommends that the Title V emission fees would continue to be calculated at \$56 per ton.

SFY 2016 Proposed Budget

The Bureau begins the budget cycle earlier than other parts of the Department to allow for stakeholder involvement. The Bureau met with a representative group of the Title V fee payers on January 7, 2015, to discuss the budget. An estimated or draft budget to cover the reasonable costs of administering the Title V program was prepared following these meetings.

The proposed budget is intended to allow the Department to continue to provide a status quo budget (same level of services). The Governor's budget released on January 13, 2015, included a requested appropriation of \$1,500,000 to provide funding for the same level of service for both major and minor source activities.

Summary

Personnel expenses include an estimated increase of 1.9% and an indirect rate of 13.1%. Contracts for professional services and state aid to Linn and Polk Counties are under negotiation and are anticipated to be on the agenda for approval at the June Commission meeting. The amounts listed in the draft budget are estimates only.

Between now and the May Commission meeting, the Bureau will refine the costs for personnel, the Department's indirect rate, contracts and agreements, accrued interest, the amount of savings from unspent funds, any federal program implementation requirements, and the reported chargeable emissions.

INFORMATION

SOLID WASTE ALTERNATIVES PROGRAM – CONTRACT RECOMMENDATION

Tom Anderson, Executive Officer 2 of the Business and Financial Assistance Section of the Land Quality Bureau presented the following item.

The Department received 10 proposals requesting \$566,909 in financial assistance during the January 2015, round of funding. The review committee selected seven (7) projects for funding for a total of \$507,532. Two (2) proposals recommended for funding are greater than \$25,000 awarding a total of \$440,447 in a combination of forgivable, zero percent and 3 percent loans.

The review committee consisted of five persons representing the Land Quality Bureau (2), Iowa Society of Solid Waste Operations (1), Iowa Recycling Association (1), and the Iowa Waste Exchange (1).

The Department requested Commission approval to enter into a contract with the selected applicants.

Motion was made by Gene Ver Steeg to approve the agenda item as presented. Seconded by Nancy Couser. Motion carried unanimously

APPROVED AS PRESENTED

ADOPTED AND FILED – RESCISSION OF OBSOLETE SOLID WASTE CHAPTERS AND RULES

Theresa Stiner, Environmental Specialist Senior, of the Solid Waste Section of the Land Quality Bureau presented the following item.

The Commission was requested to approve this Final Rule.

The following chapters and rules were identified for rescission through the five year rule review as per Iowa Code section 17A.7(2). All of these items were identified as being obsolete and their rescission will have no impact to current programs or to public health, safety or the environment.

The following actions are being taken:

- **567 IAC chapter 107** Beverage Container Deposits:
 - 567 IAC 107.1: Rescind the second un-numbered paragraph, which refers to a repealed statute.
 - 567 IAC 107.2: Rescind redundant definitions and correct cross-references.
 - 567 IAC 107.16: Rescind the rule which is for the implementation of a grant program that is no longer funded.
- **567 IAC chapter 110** Hydrogeologic Investigation and Monitoring Requirement; rescind and reserve the chapter. Provisions of this chapter have been incrementally incorporated into other individual landfill chapters and it no longer applies to any sanitary disposal projects currently permitted by the DNR.
- **567 IAC chapter 112** Sanitary Landfills: Biosolids Monofills; rescind and reserve the chapter. This chapter is no longer implemented because there are no landfills that accept only biosolids in Iowa.
- **567 IAC chapter 210** Beautification Grant Program; rescind and reserve the chapter. The funding for this program expired on June 30, 2014.
- **567 IAC chapter 218** Waste Tire Stockpile Abatement Program; rescind and reserve the chapter. This program was funded through a surcharge on vehicle titles which expired at the end of fiscal year 2007.

A public hearing and comment period was held, however no comments were received. The amendments are identical to those published as a Notice of Intended Action.

Motion was made by Bob Sinclair to approve the agenda item as presented. Seconded by Cindy Greiman. Motion carried unanimously

APPROVED AS PRESENTED

CONTRACT WITH UNIVERSITY OF IOWA FOR RATHBUN WATERSHED MONITORING

Roger Bruner, Supervisor, of the Water Monitoring Section of the Water Quality Bureau presented the following item.

Commission approval was requested for a 1 year-service contract with the University of Iowa of Iowa City, IA. The contract will begin on March 23, 2015, and terminate on April 30, 2016. The total amount of this contract shall not exceed 32,989.68.

This contract will be funded through the Rathbun Land and Water Alliance (\$30,000) and state funds through the Environment First Fund (up to \$2,989.00).

The parties are entering into this contract to provide the Rathbun Land and Water Alliance and the DNR with stream monitoring data for the Rathbun Lake watershed in southern Iowa. Monitoring in this watershed began in the late 1990s with the purpose of better understanding and addressing nutrient and sediment loading to Rathbun Lake and targeting and monitoring the success of best management practices implemented in the watershed. The 2015 monitoring efforts are a continuation of efforts previously undertaken by the project partners.

The parties propose to enter into this Contract for the purpose of retaining the Contractor to provide: water quality monitoring information to the DNR and Rathbun Land and Water Alliance. Data collected will be utilized to measure the success of best management practices installed through the 319 watershed improvement program, to evaluate the loading of pollutants to Rathbun Lake, and to complete bi-annual assessments required under the Clean Water Act. .

The University of Iowa was chosen using the Inter-governmental agreement process. The University of Iowa was chosen for this project because they have completed work on this watershed previously.

This a new contract for monitoring, although the tasks incorporated into this contract have been included on previous contracts with the University of Iowa for monitoring within the Rathbun Lake watershed. Event-based monitoring (like the monitoring included in the proposed 2015 contract) began in the Rathbun watershed in 2011, with a contract between the DNR and the University of Iowa for ambient twice monthly grab sample monitoring and precipitation event-based monitoring not to exceed \$56,108.16. Monitoring continued using this approach in 2012, with a contract approved for \$87,970.32. An intensive in-lake and watershed monitoring study with conducted in 2013-2014 with the University of Iowa, including a contract for \$317,373.12. Under this intensive study, samples were collected year-round on a high frequency basis. Monitoring was also conducted in the lake in 2014, and the total number of precipitation event-based samples was increased to better estimate pollutant loads from rain events. Monitoring data collected under the 2013-2014 agreement utilized special section 106 funds and data are currently being used to develop a robust TMDL (Watershed Improvement Plan) for the Rathbun Lake and watershed. A TMDL is required for all impaired watershed (category 5a) in the state under the Clean Water Act. Monitoring in 2015 will focus solely on events (data collected during and shortly after periods of heavy rain), to better estimate loads of pollutants to Rathbun Lake, given that the majority of the annual loads for phosphorus and sediment are transported to the lake during a few heavy rainfall events. A number of services, including the ambient grab sample monitoring and in-lake monitoring, have been removed from the proposed 2015 contract to reduce overall monitoring costs.

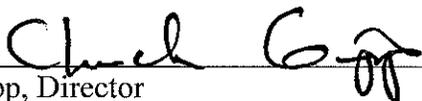
Motion was made by Max Smith to approve the agenda item as presented. Seconded by LaQuanda Hoskins. Motion carried unanimously

APPROVED AS PRESENTED

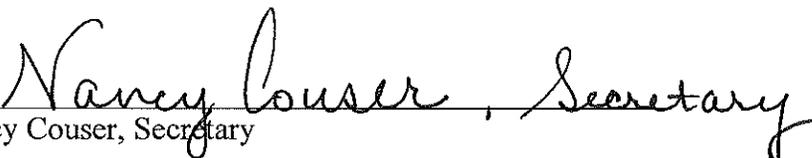
GENERAL DISCUSSION

- Chair Boote inquired into the NOIA Top Soil rulemaking process. Adam Schnieders provided the Commission with an update of the rulemaking process which included the status of public hearings, the fact that written public comments are being accepted until April 1st, and the estimated time for the Department to prepare materials for the Commission's final review. Commissioners requested for the materials to be presented as Information during the May meeting and Decision at the June meeting.
- Commissioners suggested a tour of a housing development site to be added to the May tour schedule.
- Jerah Sheets summarized anticipated activities during upcoming EPC meetings including honoring Brent Rastetter and Max Smith for their service at the April meeting, new commissioners and elections during the May meeting, and new commissioner training in June (date to be determined).
- Commissioners inquired into the Department's view point of the Des Moines Water Works lawsuit with the 3 counties. Director Gipp anticipated the lawsuit will take many years before there is an answer regarding whether drainage tiles are moving surface water or ground water. If it is determined the water being moved is ground water then an NPDES permit will be required. If it is determined the water being moved is surface/storm water then this agricultural practice will remain exempt from permitting.

Chairperson Boote adjourned the Environmental Protection Commission meeting at 11:35 a.m., Tuesday, March 17, 2015.



Chuck Gipp, Director



Nancy Couser, Secretary

Public Comments
Mary Clark

March, 17, 2015

I'm Mary Clark, a rural S.E. Polk County resident with a well, and I'm concerned about the dangers of nitrates in well water for other Iowans who have wells. I'm also concerned for small municipalities, who don't have \$540,000 to spend on a nitrate removal system to make drinking water safe for their residents. The Des Moines residents will be footing the bill for that \$540,000 spent over the last 97 days removing nitrates from their drinking water. But in the near future, Des Moines residents may have to pay for a new \$70 million nitrate removal system to keep up with the ever increasing polluted water problems in Iowa.

According to the Des Moines Register; *The 10 districts in the (Water Works) lawsuit represent a mere fraction of the 3,000-some similar drainage districts across Iowa. Each operates without a permit, free of regulations from the Clean Water Act, according to John Torbert, executive director of Iowa Drainage District Association.*

63% of Iowans are in favor of the Water Works lawsuit

The severe health effects of high nitrates levels in drinking water:

In US and European studies, health effects associated with nitrate exposure during pregnancy include increased incidences of intrauterine growth retardation, organ failure, cardiac defects, central nervous system defects, Sudden Infant Death Syndrome (SIDS), blue baby syndrome, miscarriages and death. Exposure to higher levels of nitrates has been associated with increased incidences of cancer in adults, and possible increased incidences of brain tumors, leukemia, and nose and throat (nasopharyngeal) tumors in children.

I have personally experienced a tragic loss, for unknowingly drinking water with the high nitrate count of 40 parts per million while being pregnant. My baby son died after living only one day.

I'm sure no one wants to see increases in infant mortality rates in Iowa.

Voluntary compliance of the "nutrient (*manure*) reduction strategy" does not work and won't ever work. Last month I saw a video of a farmer in rural Altoona spraying liquid manure on frozen, snow covered farm fields, which is against the regulations, but he was doing it anyway. For all other Iowans, we have laws, that if broken, you get fined or go to jail.

When will Iowa officials put the welfare of its PEOPLE, before the PROFITS of the Agriculture Industry? We need tough actions to SAVE our water. We need tough actions to keep our children and grandchildren safe in Iowa lakes and provide them with SAFE drinking water.

Why haven't these polluters been required to get Clean Water Act permits?

The following farms have Documented Manure Spills. Source DNR.

Hamilton County

Prestage Farms: Spill 10-27-14 this is **their 3rd spill.** Notified DNR w/in 6hours. 15,000 hogs confined. **25,000 gallons of toxic liquid manure** (conservative estimate), didn't reach a water source.

Spill history: 2-5-2007, 5-18-2011, 10-27-14. No fines. Last inspection 2012, was on "high priority" list. Prestage Farms is the 5th largest factory farms corporation in the country. **They need tough fines!**

Audubon County:

By Audubon-Manning Veterinary Clinic, spill: 10-13-13 **their 4th** documented manure spill, they did notify DNR in 6 hours. (last onsite inspection April 2007, desk top inspection 9-25-14).

5,000 gallons of manure spilled - it reached a body of water. 4,425 hogs.

Spill history: 3-26-2001, 7-30-03, 10-26-2013, 10-31-2013.

Guthrie County:

Van Meter Feed Yard, spill:10-4-14 this is **their 5th** documented manure spill, didn't notify DNR in 6 hours. (last inspection 6-30-11) 14,000 Cattle feed lot.

200,000 gallons of manure spilled, press release says it reached a body of water.

Spill history: 4-9-01, 11-18-03, 11-17-04, 03-24-10, 10-4-14. **No fine issue as yet.**

Wright County:

Iowa Select, Dows spill: 1-20-14 **their 3rd** documented manure spill, didn't notify DNR in 6 hours. (last inspection April 2013, deficiency found)

1,000 gallons of manure spilled (16,000 hogs). Reached drainage ditch & the Iowa River. No fines.

Van Buren County

Maschhoff, Spill: 11-4-13 this is **their 3rd** documented manure spill, didn't notify DNR in 6 hours. (last inspection was shortly before the spill).

1,000 gallons of manure spilled (7,490 hogs). Reached unnamed tributary of DM River.

Spill history: 11-2-07, 12-19-11, 11-4-13. fine for spill \$10,000.

Maschhoff is a multi-national corporation, located in Nebraska.

Jasper County:

Clinton Voss- spill 8-27-14, this is their **2nd** documented manure spill, didn't notify DNR in 6 hours. **It reached a body of water fish kill occurred.** Fine: \$348.27 - (last inspection 2-3-2006).

Has had multiple manure management violations. 4,000 hogs.

O'Brien County:

Summit Dairy, owner John Westra: spill: 8-16-14, didn't notify DNR in 6 hours. Reached Mill Creek- **killed 865,940 fish and polluted 28 miles of stream.** Fine: \$160,497.36 (mainly for fish kill).

(last inspection 2008, but DNR was onsite in April 2014.) Amount of spill unknown. 1500 dairy cows in confinement.

Mitchell County

Pronet Farms, owner Ronald Litterer- Spill: 10-31-14. DNR was notified by neighbor w/in 6 hours **5,000 gallons, reached Little Cedar River (already on polluted waterway list).**

3,736 hogs-gestation, Last inspection date unknown.

Keokuk County

LDR Ranch, owner Dennis Striegel: spill 11-12-14. DNR was notified w/in 6 hours.

1800 gallons of toxic liquid manure spilled. It reached an unnamed tributary of Clear Creek, which is a tributary of the Skunk River. Fine unknown. Animals confined: 1,900, gestation.

Last inspection on 9-2-2004

Hamilton County

Iowa Select/Bankson, owner: Dwain Bankson & Iowa Select Farms: Spill 11-12-14, notified DNR w/6 hours. **Spilled 1,500 – 2,000 gallons of manure.** Did not reach water source. Factory farm of 6,666 hogs. Last inspection was March 2009. No further inspections. No fine as yet.

Agenda

Environmental Protection Commission

Tuesday, March 17, 2015
DNR Air Quality Suite 1
7900 Hickman Road
Windsor Heights, Iowa

EPC Business Meeting

10:00 AM – EPC Business Meeting begins

Public Participation¹ – Requests to speak during the business meeting Public Participation must be submitted to Jerah Sheets at Jerah.Sheets@dnr.iowa.gov, 502 East 9th Des Moines, IA 50319, 515-313-8909, or in-person by the start of the business meeting. Please indicate who you will be representing (yourself, an association, etc.), the agenda item of interest, and your stance of For, Opposed, or Neutral.

If you are unable to attend the business meeting, comments may be submitted via mail and email for the public record. The Commission encourages data, reports, photos, and additional information provided by noon the day before the meeting to allow ample time for review and consideration.

Agenda topics

- | | | |
|----|--|-----------------------------------|
| 1 | Approval of Agenda | |
| 2 | Approval of Minutes | |
| 3 | Monthly Reports | Bill Ehm
(Information) |
| 4 | Public Participation | |
| 5 | Director's Remarks | Chuck Gipp
(Information) |
| 6 | Clean Water and Drinking Water State Revolving Loan Fund – FY 2015 Intended Use Plans Fourth Quarter Updates | Patti Cale-Finnegan
(Decision) |
| 7 | Contract with the University of Iowa for IDNR SHL TMDL Contract | Jason Palmer
(Decision) |
| 8 | Air Quality - Title V Fee Budget Review | Jim McGraw
(Information) |
| 9 | Solid Waste Alternatives Program – Contract Recommendation | Tom Anderson
(Decision) |
| 10 | Adopted and Filed – Rescission of Obsolete Solid Waste Chapters and Rules | Theresa Stiner
(Decision) |
| 11 | Contract with University of Iowa for Rathbun Watershed Monitoring | Roger Bruner
(Decision) |
| 12 | General Discussion | |
| 13 | Items for Next Month's Meeting | |
| | <ul style="list-style-type: none">• April 14, 2015 – EPC Business Meeting, Windsor Heights• May 18, 2015 – EPC Education Tour, Scott County• May 19, 2015 – EPC Business Meeting, Scott County | |

For details on the EPC meeting schedule, visit
<http://www.iowadnr.gov/InsideDNR/BoardsCommissions.aspx>

¹ Comments during the public participation period regarding proposed rules or notices of intended action are not included in the official comments for that rule package unless they are submitted as required in the Notice of Intended Action.

Any person attending the public meeting and has special requirements such as those related to mobility or hearing impairments should contact the DNR or ADA Coordinator at 515-725-8200, Relay Iowa TTY Service 800-735-7942, or Webmaster@dnr.iowa.gov, and advise of specific needs.

Monthly Variance Report
January 2015

Item No.	Facility/City	Program	DNR Reviewer	Subject	Decision	Date
1	Butler County 130th Street Bridge over Flood Creek [wr 80818]	flood plain	CJB	variance to freeboard criterion that low chord of bridge must be set 3 feet above 50-year flood elevation.	approved	11/25/2014
2	Metro Park East Landfill	sanitary disposal	Micahel Smith	variance to allowing facility to accept PCB containing caulke waste for disposal consistant with national EPA standards	approved	11/26/2014
3	Ag Processing Manning	Air Quality	Reid Bermel	variance to operate new grain storage bin before obtaining permit	approved	1/6/2015
4	Van Diest Supply Co	Air Quality	Ann Seda	variance to alter equipment prior to obtaining permit	approved	1/13/2015
5	POET	Air Quality	Dennis Thielen	variance requesting extension to perform stack testing	approved	1/20/2015
6	City of Dewitt STP	wastewater	Mark Malmore	variance to allow replacing sanitary slopes at less than required slope minimum specified in design standards	approved	1/20/2015
7	Cambrex Charles City Inc	Air Quality	Ann Seda	variance to temporarily vent reactor.	approved	1/21/2015
8	City of Roland	wastewater	Nichelle Anderson	variance for installing gravity sewer using laser guided boring and dirctional boring	approved	1/25/2015
9	Waverly Light & Power	Air Quality	Dennis Thielen	variance requesting extension to perform stack testing	approved	1/26/2015
10	CF Industries	Air Quality	Ann Seda	variance to extend deadline to complete construction	approved	1/26/2015

**DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION COMMISSION
ATTORNEY GENERAL REFERRALS
March, 2015**

Name, Location and Region Number		Program	Alleged Violation	DNR Action	New or Updated Status	Date
Hoffman, Matt Hinton (3)	UPDATED	Animal Feeding Operation	Failure to Submit MMP and Fees	Referred to Attorney General	Referred Petition Filed Motion for Default Judgment Hearing Date	4/15/14 12/03/14 1/28/15 3/09/15
Kossuth County (2)	UPDATED	Animal Feeding Operation	DNR Defendent	Defense	Petition for Judicial Review State's Answer P&J Pork Motion to Intervene Order Granting Motion to Intervene Kossuth County Brief State's Brief	9/18/14 10/08/14 11/07/14 11/20/14 2/03/15 2/13/15
North Central Iowa Regional SWA Fort Dodge (2)		Solid Waste	Operating Permit Violations	Referred to Attorney General	Referred	9/17/13
North Iowa Area Solid Waste Agency Sheldon (3)		Solid Waste	Unapproved Leachate Collection System	Referred to Attorney General	Referred Petition Filed Answer Third Party Petition Against Elliot Waddell and Five States Engineering, PLC State's Resistance to Demand for Jury Trial Hearing Regarding Jury Trial Demand Ruling Denying Jury Demand Motion to Clarify Ruling Nunc Pro Tunc Order Jury Demand Allowed for 3 rd Party Defendant State's Motion to Strike or Sever 3 rd Party Petition Resistance to Motion to Strike Application for Default Judgment Order Granting Default Judgment Against 3 rd Party Defendant Trial Date	1/15/13 9/26/13 10/11/13 10/11/13 10/23/13 11/25/13 1/17/14 1/23/14 1/28/14 2/11/14 2/24/14 3/12/14 3/13/14 3/31/15
Peeters Development Co., Inc.; Mt. Joy Mobile Home Park Davenport (6)		Wastewater	Monitoring/Reporting; Compliance Schedule; Discharge Limits; Operation Violations; Certified Operator Discipline	Referred to Attorney General	Referred	3/18/14
Pet Memories, Inc. Warren Co. (5)	UPDATED	Solid Waste	Judicial Review	Defense	Petition Filed Answer Pet Memories Brief State's Brief Hearing Date	2/05/14 3/05/14 1/16/15 2/17/15 4/13/15

**DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION COMMISSION
ATTORNEY GENERAL REFERRALS
March, 2015**

Name, Location and Region Number	Program	Alleged Violation	DNR Action	New or Updated Status	Date
Scallon, Jim Austinville (2)	Solid Waste	Illegal Disposal	Referred to Attorney General	Referred	5/20/14

**DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION COMMISSION
CONTESTED CASES**

March, 2015

DATE RECEIVED	NAME OF CASE	F.O.	ACTION APPEALED	PROGRAM	ASSIGNED TO	STATUS
10/29/09	Harlan Rudd; Karen Rudd; dba Rudd Brothers Tires	6	Order/Penalty	UT	Brees	Informal negotiation. CADR was submitted, partially rejected with options. Settlement letter sent 2/24/10.
3/11/10	Bondurant, City of	5	Order/Penalty	WW	Hansen	7/2013-On hold pending further investigation.
2/28/11	Manson, City of	3	Order/Penalty	WS	Hansen	4/1/11 – Settlement conference held with City. 6/22/11- Settlement offer received from City attorney. 6/28/11- More information requested from City attorney concerning the settlement proposal. 11/29/11- Settlement meeting with City regarding new well project. 12/2011 – City proceeding with project. 6/2012- Contractor worked on new well to remove debris in well. Test pump to be installed to do test of well capacity. 07/2012- City to abandon new well and select new site for well to increase PWS capacity. 10/2012- Water plant work to be done week of 12/10/12. 5/2013- New well project & appeal on hold, pending USDA funding decision. 6/2/13 – USDA funding decision received. 6/26/13 – New bid date for well project. . 7/2013- Tentative schedule for new well received from City’s engineer. 8/13 – Drilling on test well begun by contractor. 9/13 – Test well not productive, new well site approved by Dept. New test well to be drilled. 10/13- Test well drilled but not successful. Test well abandoned. City Council to decide on next step. 1/24/14 – City’s engineer sent revised construction schedule for another test well and production well. 5/23/14- Test well drilled but not successful. City Council to determine next step. 6/20/14- Letter sent to City requesting plan of action and schedule by 8/30/14 for returning to compliance with order. 8/29/14 – New schedule received from City, to be incorporated into proposed consent amendment. 01/26/14- Proposed consent amendment sent to City for review.
8-27-12	Ag Processing, Inc.; Sergeant Bluff	4	Permit Conditions	AQ	Preziosi	Met with appellant 1/31/14. Met with appellant 3/12/14. Negotiations continuing. Appellant to submit further information in April. Settled in concept. Last communication with appellant on 5/22/14. Communication from appellant 7/22/14. Internal meeting 9/5/14. Letter sent to appellant 12/14 proposing terms of settlement.

**DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION COMMISSION
CONTESTED CASES**

March, 2015

DATE RECEIVED	NAME OF CASE	F.O.	ACTION APPEALED	PROGRAM	ASSIGNED TO	STATUS
11-21-12	Ag Processing Inc.	6	Permit Conditions	AQ	Preziosi	Continuing negotiations. Last communication with appellant on 5/20/14. Communication from appellant 7/22/14. Internal meeting 9/5/14. Letter sent to appellant 12/14 proposing terms of settlement.
3-04-13	Anderson Excavating Co., Inc.	4	Order/Penalty	SW	Tack	Landfill closure underway. Settlement will occur after closure. Inspection on 8/20/14. Closure to be completed this fall.
6-10-13	Mike Jahnke	1	Dam Application	FP	Schoenebaum	Hearing held 7/30/14. ALJ upheld the permit issued by the Department. Mr. Jahnke appealed but on 11/3/14 he asked that his appeal be put on hold until April, 2015.
10-28-13	Regional Environmental Improvement Commission/Iowa Co. SLF	6	Variance	WW	Tack	2/20/15 – Settlement reached. Awaiting execution.
1-02-14	P & J Pork, LLC		Construction Permit Denial	AFO	Book	6/10/14 – Proposed decision affirming DNR permit denial. 6/18/14 – P & J Pork appeals proposed decision. 8/19/14 – EPC reverses proposed decision. 9/18/14 – Intervenor, Kossuth County, files Petition for Judicial Review in Kossuth County.
1/16/14	Council Bluffs Water Works	4	Permit Conditions	WW	Tack	Hearing continued. Settlement discussions ongoing.
1/21/14	AG Processing, Inc.		Permit Conditions	AQ	Preziosi	Negotiations continuing. Last communication with appellant on 5/20/14. Communication from appellant 7/22/14. Internal meeting 9/5/14.
4/17/14	REIC/Iowa Co. Sanitary Landfill	6	Permit Conditions	WW	Tack	2/20/15 – Settlement reached. Awaiting execution.
8/29/14	Altoona, City of	5	Permit Conditions	WW	Schoenebaum	Appeal withdrawn 1/7/15. Case closed.
9/08/14	Craig Ver Steegh	5	Permit Conditions	WW	Tack	Hearing date requested 2/23/15.
10/01/14	Amsted Rail Company, Inc. (Griffin Wheel Co.)		Permit Conditions	SW	Tack	Negotiating before filing.
11/13/14	Adam Timmerman	3	Order/Penalty	AFO	Book	Negotiating before filing.
1/21/15	Sidney, City of	4	Permit Conditions	WS	Hansen	Negotiating before filing.
2/05/15	Mahle Engine Components USA	4	Order/Penalty	WW	Hansen	New case.

DATE: March, 2015

TO: EPC

FROM: Ed Tormey

RE: Enforcement Report Update

The following new enforcement actions were taken during this reporting period:

Name, Location and Field Office Number	Program	Alleged Violation	Action	Date
Terrance Kooima Sioux Co. (3)	Animal Feeding Operation	Monitoring/Reporting	Consent Order \$3,000	1/27/15
Muscatine County Solid Waste Management Area Muscatine (6)	Solid Waste	Permit Condition Violations	Consent Order \$6,000	2/11/15
Harris, City of (3)	Wastewater	Operational Violations; Prohibited Discharge	Consent Order	2/18/15
Mark Yeggy; Randalyn Yeggy Washington Co. (6)	Animal Feeding Operation	Failure to Submit Plan	Order/Penalty \$5,000	2/23/15

IOWA DEPARTMENT OF NATURAL RESOURCES
LEGAL SERVICES BUREAU

DATE: March 1, 2015
TO: Environmental Protection Commission
FROM: Ed Tormey
SUBJECT: Summary of Administrative Penalties

The following administrative penalties are due:

NAME/LOCATION	PROGRAM	AMOUNT	DUE DATE
Robert and Sally Shelley (Guthrie Center)	SW	1,000	3-04-91
Daryl & Karen Hollingsworth d/b/a Medora Store(Indianola)	UT	3,825	3-15-96
Greg Morton; Brenda Hornyak (Decatur Co.)	SW/AQ/WW	3,000	11-04-98
James Harter (Fairfield)	WW	1,336	8-01-01
* Floyd Kroeze (Butler Co.)	AFO	1,500	2-20-01
Midway Oil Co.; David Requet (Davenport)	UT	5,355	9-20-02
Midway Oil Co.; David Requet; John Bliss	UT	44,900	2-28-03
Green Valley Mobile Home Park (Mt. Pleasant)	WW	5,000	4-23-03
Midway Oil Company (West Branch)	UT	7,300	5-03-03
Midway Oil Company (Davenport)	UT	5,790	5-03-03
Albert Miller (Kalona)	AQ/SW	9,745	9-26-03
Mike Messerschmidt (Martinsburg)	AQ/SW	500	4-13-04
Interchange Service Co., Inc., et.al. (Onawa)	WW	6,000	5-07-04
# Dunphy Poultry (Union Co.)	AFO	1,500	6-27-04
# Cash Brewer (Cherokee Co.)	AFO/SW	10,000	8-25-04
# Doorenbos Poultry; Scott Doorenbos (Sioux Co.)	AFO	1,500	10-09-04
# Doug Sweeney (O'Brien Co.)	AFO	375	12-21-04
Harold Linnaberry (Clinton Co.)	SW	1,000	5-18-05
# Joel McNeill (Kossuth Co.)	AFO	2,460	1 21-06
Affordable Asbestos Removal, Inc. (Monticello)	AQ	7,000	4-28-06
# Troy VanBeek (Lyon Co.)	AFO	3,500	10-16-06
Larry Bergen (Worth Co.)	AQ/SW	257	11-01-06
# Joshua Van Der Weide (Lyon Co.)	AFO	3,500	2-25-08
Jon Knabel (Clinton Co.)	AQ/SW	2,000	12-16-08
# Rick Renken (LeMars)	AFO	996	7-03-09
# Robert Fangmann (Dubuque Co.)	AFO	1,000	7-15-09
# Brian Lill (Sioux Co.)	AFO	2,865	7-18-09
Denny Geer (New Market)	SW	9,476	10-31-09
Shrey Petroleum; Palean Oil; Profuel Three (Keokuk)	UT	10,000	3-19-10
Melvin Wellik; Wellik-DeWitt Implement (Britt)	AQ/SW	2,900	4-08-10
Alchemist USA, LLC; Ravinder Singh (Malcom)	UT	8,260	5-03-10
# LJ Unlimited, LLC (Franklin Co.)	AFO/AQ/SW	3,500	5-27-10
Bret Cassens; J & J Pit Stop (Columbus Junction)	UT	8,700	6-20-10
# Christopher P. Hardt (Kossuth Co.)	AFO	2,000	7-07-10
AKD Investments, LLC; H.M. Mart, Inc. (Blue Grass)	UT	6,900	8-06-10
Eastern Hills Baptist Church (Council Bluffs)	WS	1,250	11-29-10

#Animal Feeding Operation
BOLD Entries Have Been Referred to DRF

# Joe McNeill (Kossuth Co.)	AFO	2,460	12-23-10
Gonzalez & Sons Express, Inc. (DeSoto)	WW	8,000	4-20-11
David C. Kuhlemeier (Cerro Gordo Co.)	AQ/SW	1,300	6-30-11
Steve Friesth (Webster Co.)	AQ/SW	7,857	11-26-11
Josh Oetken (Worth Co.)	AQ/SW	8,295	3-11-12
Jeffrey G. Gerritson (O'Brien Co.)	SW	2,000	4-16-12
Bhupinder Gangahar/Saroj Gangahar/International Business	UT	7,935	4-20-12
Finney Industrial Painting, Inc. (Fairfield)	AQ/WW	1,775	4-23-12
Terry Philips; TK Enterprises (Washington Co.)	AQ/WW	3,000	5-30-12
# Boerderij De Vedhoek, LLC (Butler Co.)	AFO	8,500	11-16-12
Noah Coppess (Cedar Co.)	AQ/SW	7,500	2-23-13
Shane Rechkemmer (Fayette Co.)	SW	1,000	3-01-13
B Petro Corporation (Cedar Rapids)	UT	7,728	5-13-13
Ken Odom (Iowa Co.)	AQ/SW	5,000	4-26-13
Massey Properties, LLC; The Wharf (Dubuque)	WS	10,000	10-05-13
Robert Downing (Mahaska Co.)	AQ/SW	10,000	11-20-13
Shriners Hospital for Children, Inc. (Des Moines)	UT	8,890	12-03-13
Larry Eisenhower (Woodbury Co.)	AQ/SW	4,675	3-01-14
Randy Wise; Wise Construction (Buena Vista Co.)	AQ/SW	3,000	4-10-14
Advanced Electroforming, Inc. (Cedar Co.)	AQ	1,500	4-03-14
Western Iowa Telephone Assoc. (Lawton)	WW	4,000	5-24-14
Wendall Abkes (Parkersburg)	SW	3,000	7-30-14
# Treven Howard; Northwest Manure Mgmt. (Ocheyedan)	AFO	6,000	10-09-14
Donna J. Jensen (Ringsted)	AQ/SW	3,000	10-17-14
# Charles and Patricia Henningsen (Ruthven)	AFO	2,000	10-19-14
Dennis Habben (Sioux Co.)	SW	3,000	11-01-14
Leda Properties, LTD (Dubuque)	WW	5,000	12-12-14
Annie's LLC; Togie Pub (Lime Springs)	WS	3,500	12-22-14
Joel Thys; Thys Chevrolet, Inc. (Benton Co.)	AQ/SW	10,000	1-04-15
West Central Cooperative (Halbur)	WW	4,000	1-04-15
S.L. Baumeier Company, LLC (Marshall Co.)	AQ/SW	5,000	2-06-15
Muscatine County Solid Waste Mgmt. Agency (Muscatine)	SW	6,000	2-11-15
# Terrance Kooima (Sioux Co.)	AFO	3,000	2-27-15
	TOTAL	354,105	

The following penalties have been assessed but are not due at this time:

# Benjamin J. Waigand (Union Co.)	AFO	2,500	4-15-15
# Mark Yeggy; Randalyn Yeggy (Washington Co.)	AFO	5,000	3-23-15
	TOTAL	7,500	

The following penalties have been placed on payment plans:

* Reginald Parcel (Henry Co.)	AQ/SW	110	4-23-05
* Country Stores of Carroll, Ltd. (Carroll)	UT	1,408	6-06-05
* Douglas Bloomquist (Webster Co.)	AQ/SW	3,500	12-01-07
* Jack Knudson (Irwin)	UT	10,000	1-15-08
# Jerry Passehl (Latimer)	SW/WW/HC	2,695	7-01-09
Jerry Wernimont (Carroll)	AQ/SW	1,500	4-19-10
# Ernest Greiner (Keokuk Co.)	AFO	500	10-10-10

#Animal Feeding Operation

BOLD Entries Have Been Referred to DRF

Jim Scallon (Butler Co.)	SW	700	4-15-13
R.H. Hummer Jr., Inc.; 2161 Highway 6 Trail (Iowa Co.)	AQ/SW	3,643	9-15-13
Patrick Baker; Stockton Auto (Davenport)	AQ/SW	83	12-15-14
Air Advantage, Inc. (Mt. Pleasant)	WW	1,500	4-01-15
Ellsworth Excavating Co. (Muscatine Co.)	AQ/SW	375	3-01-15
# Steve Grettenberg; Dragster LLC	AFO	1,750	11-20-14
Millard Elston III; The Earthman (Jefferson Co.)	AQ/SW	1,815	2-15-13
Simon Simonson (Kossuth Co.)	SW	4,000	11-30-14
ADA Enterprises, Inc. (Worth Co.)	WW	5,000	8-15-14
Niehouse Cleaners & Draperies, Inc. (Marshalltown)	AQ	2,500	9-15-14
# David Dahlgren (Clarion)	AFO	2,250	12-15-14
	TOTAL	43,329	

The following administrative penalties have been appealed:

Harlan Rudd; Karen Rudd; Rudd Bros. Tires (Drakesville)	UT	10,000	
Bondurant, City of	WW	10,000	
Helen and Virgil Homer; Grandmas Snack Shop; (Aredale)	WS	8,461	
Manson, City of	WS	10,000	
Anderson Excavating Company, Inc. (Pottawattamie Co.)	SW	10,000	
# Adam Timmerman; AT Livestock Ent. South (Cherokee Co.)	AFO	4,250	
Mahle Engine Components USA, Inc. (Atlantic)	WW	10,000	
	TOTAL	62,711	

The following administrative penalties have been collected:

Patrick Baker; Stockton Auto (Davenport)	AQ/SW	83	
David C. Kuhlemeier (Cerro Gordo Co.)	AQ/SW	100	
Josh Oetken (Worth Co.)	AQ/SW	25	
Finney Industrial Painting, Inc. (Fairfield)	AQ/WW	250	
Albert Miller (Kalona)	AQ/SW	5	
Brian Peterson (Woodbury Co.)	AFO	10,000	
Ellsworth Excavating Co. (Muscatine Co.)	AQ/SW	75	
David C. Kuhlemeier (Cerro Gordo Co.)	AQ/SW	600	
Simon Simonson (Kossuth Co.)	SW	100	
Audra Early; Mid-States Mfg. & Engr. (Van Buren Co.)	AQ	2,500	
	TOTAL	13,738	

#Animal Feeding Operation

BOLD Entries Have Been Referred to DRF

**Iowa Department of Natural Resources
Environmental Protection Commission**

ITEM

6

DECISION

TOPIC

**Clean Water and Drinking Water State Revolving Loan Fund – FY 2015
Intended Use Plans Fourth Quarter Updates**

Commission approval is requested for the fourth quarter updates to the Clean Water State Revolving Fund (CWSRF) and Drinking Water State Revolving Fund (DWSRF) Intended Use Plans (IUPs) for FY 2015 (July 1, 2014 – June 30, 2015).

The CWSRF finances publicly owned wastewater and sewer facilities, storm water management for water quality, and nonpoint source control practices to keep pollution out of Iowa’s water. The DWSRF covers water system projects, including source water, treatment, storage, and distribution and transmission, as well as consolidation and connections.

The Iowa SRF is operated through a coordinated partnership between the Department of Natural Resources (DNR) and the Iowa Finance Authority (IFA). DNR administers the environmental and permitting aspects of the programs, with IFA providing financial assistance including loan approval and disbursements. Other important partners include the U.S. Environmental Protection Agency (EPA), the Iowa Department of Agriculture and Land Stewardship, Soil and Water Conservation Districts, county sanitarians, participating lenders, and others.

The IUPs include plans of action for the SRF programs, including goals and objectives, an analysis of current and projected financial capability, financial management strategies, the project priority lists, discussion of set-aside programs and efforts, and planned uses for administrative accounts.

The fourth quarter updates include new project requests as shown in the attached project priority lists. The Sources and Uses tables for both CWSRF and DWSRF show that funds are available or obtainable to provide anticipated disbursements. Iowa continues to be able to fund all projects that are eligible for SRF assistance. Examples of new projects and recently executed loans include:

New Projects

<u>CWSRF/ DWSRF</u>	<u>Applicant</u>	<u>Project Description</u>	<u>Amount Requested</u>
DWSRF	City of Van Meter	Construct new water treatment plant to include iron filtration, and install two new wells	\$4,608,000
DWSRF	City of Dakota City	Drill second well to provide quality water to meet the City’s peak demands and meet requirements for a redundant water source	\$708,525
DWSRF	City of Manson	Planning and design loan to investigate a site for a new well	\$558,000

CWSRF	City of Fort Madison	Replace aging, obsolete, and deteriorating equipment at the wastewater treatment plant, implement nutrient removal, upgrade control systems, and add flood protection	\$15,497,000
CWSRF	City of Keystone	Upgrade treatment to meet ammonia limits in new NPDES permit and install ultraviolet disinfection for bacteria limits	\$3,239,919
CWSRF	City of Granville	Planning and design loan to prepare for relining sewer pipes and rehabilitating manholes to eliminate infiltration and inflow	\$102,000

Recently Executed Loans

<u>CWSRF/ DWSRF</u>	<u>Borrower</u>	<u>Project Description</u>	<u>Loan Amount</u>
DWSRF	City of Ames	Construction of new 15 million gallon/day water treatment plant with LEED certification for environmental sustainability	\$76,325,000
DWSRF	City of Churdan	Construction of pipeline to connect the City to a safe drinking water source through Xenia Rural Water	\$1,120,000
DWSRF	City of Swea City	Planning and design loan to study the installation of a new well and improvements to the water treatment plant	\$100,000
CWSRF	City of Granger	Wastewater treatment plant upgrades to replace existing facility that is beyond design life and capacity	\$5,000,000
CWSRF	City of Titonka	Reline sewers to reduce infiltration and inflow to address basement backups and excess flows to treatment facility	\$377,000
CWSRF	City of Elkhart	Planning and design loan to study upgrades to wastewater treatment to meet permit limits	\$150,000

Individual projects under the General Nonpoint Source program that involve purchase of land must be approved by the Environmental Protection Commission. Two projects are proposed this quarter by the Iowa Natural Heritage Foundation.

Project	Description	Water Quality Benefit	Loan Amount
Westfall/Kruse Property – Johnson County	Purchase of 368 acres of floodplain timber and cropland along 1.5 miles of the Iowa River between Iowa City and Lone Tree	The landowner sought a buyer due to consistent flooding and crop damage. This segment of the Iowa River is listed as impaired needing a TMDL. Once the land is in public ownership it will be planted to native vegetation which will help reduce siltation and direct chemical inputs to the river. Restoring the floodplain to its natural function will also provide water quality benefits. This site is also valuable for wildlife habitat including Sandhill cranes and bald eagles.	\$1,273,250
Stamer Addition to Waterman Creek	Purchase of a 227 acre parcel adjoining the	A portion of the property lies in the floodplain of Waterman Creek. The	\$1,373,350

Wildlife Area – O’Brien Count	Waterman Prairie Complex in the Little Sioux River watershed	long-term goal will be to maximize perennial cover in the floodplain to benefit water quality and wildlife habitat. The upland portion contains a mix of remnant prairie, woodland, and savannah. The Little Sioux River in this area is listed as partially impaired. The Little Sioux watershed is one of two in Iowa identified for conserving aquatic biodiversity.	
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Each draft IUP is released for public comment, and then presented for approval to the Commission. A public meeting was held February 5, 2015 to receive comments on the proposed IUP updates. There were no comments. The written comment period closed on February 12, 2015. There were no written comments.

Patti Cale-Finnegan, DNR SRF Coordinator
Water Quality Bureau
February 17, 2015

Project Name	DWSRF No.	Project Description	IUP Yr	Project Type	Priority Points	Quarter	Population	Project Status	Current Requests	Loan Forgiveness	Loan Signed	Original Request	Loan Amount
Aplington	FS-12-15-DWSRF-017	New single pedestal elevated tank solution.	2015	B,E	30	4	1158	P	\$ 1,448,909				
Dakota City	FS-46-15-DWSRF-020	Construct a 2nd well	2015	B,C,E	55	4	843	P	\$ 708,525				
Dakota City	PD-DW-15-33	Construct a new well	2015	G	P&D	4	843	R	\$ 150,000				
Emmetsburg	FS-74-15-DWSRF-017	Water meter replacement	2015	B,C,E	30	4	3931	P	\$ 366,825				
Guthrie Center	FS-39-15-DWSRF-018	Water main replacement and new water service connection	2015	B,C,E	40	4	1569	P	\$ 518,660				
Manson	PD-DW-15-34	To find a suitable location for a new municipal well.	2015	G	P&D	4	1692	R	\$ 558,000				
Moville	FS-97-15-DWSRF-021	Install new watermain	2015	B,E	30	4	1618	P	\$ 460,414				
Sabula	FS-49-15-DWSRF-019	Water main replacement on Broad street	2015	B,C,E	40	4	576	P	\$ 787,920				
Solon	PD-DW-15-37	Construct additional finished	2015	G	P&D	4	2037	R	\$ 120,000				
Van Meter	FS-25-15-DWSRF-020	New Water Main Treatment Plant	2015	B,E	45	4	1054	P	\$ 4,608,000				
Van Meter	PD-DW-15-36	Design of a new water treatment plant	2015	G	P&D	4	1054	R	\$ 185,000				
Washington	FS-92-15-DWSRF-009	Construct a new water tower	2015	F	10	4	7266	P	\$ 1,759,000				
Mt Ayr	PD-DW-15-21	Water Main & Plant Demo	2015	G	P&D	3	1691	L			12/19/14	\$ 100,000	\$ 100,000
Mt Ayr	FS-80-15-DWSRF-013	Water main replacement and water plant demo	2015	B,C,E	40	3	1691	P	\$ 1,005,000				
Sioux Rapids	FS-11-15-DWSRF-015	Water System improvements, new treatment plant	2015	B,E	45	3	775	P	\$ 586,000				
Swea City	PD-DW-15-22	Additional well & improvements to treatment facility	2015	G	P&D	3	536	L			1/9/15	\$ 100,000	\$ 100,000
West Liberty	FS-70-15-DWSRF-014	Add secondary treatment	2015	B,C,E	35	3	3776	P	\$ 1,482,878				
Blencoe	FS-67-15-DWSRF-005	Replace influent piping, inspect and refurbish detention tank, pressure filter improvements, misc. chemical feed improvements, update building air handling equip. new main along Main and Maple St.	2015	B,E	30	2	224	P	\$ 595,161				
Buffalo Center	PD-DW-15-12	WTF treatment facility improvements	2015	G	P&D	2	905	L			8/15/14	\$ 116,000	\$ 116,000
Coralville	FS-52-15-DWSRF-008	Water plant expansion and pumping improvements at main booster station to provide redundancy and capacity	2015	B	15	2	18907	P	\$ 4,116,580				
Little Sioux	FS-43-15-DWSRF-010	Water distribution system improvements	2015	B,C,E	40	2	170	P	\$ 186,000				
Maquoketa (supplemental)	FS-49-11-DWSRF-027(2)	Meter replacement with addition of radio read	2015	B,D,E	35	2		R	\$ 88,000	20%			
Moville	PD-DW-15-15	Water main replacement project	2015	G	P&D	2	1618	R	\$ 52,475				
Poweshiek Water Assoc	FS-48-15-DWSRF-011	Holiday Lake Booster Pump Station	2015	B	35	2	18836	P	\$ 1,283,000				
Poweshiek Water Assoc	FS-48-15-DWSRF-012	Conway Tower to provide additional storage to the Amana Service Area	2015			2	2000	P	\$ 415,000				
Ruthven	FS-74-15-DWSRF-006	New well to replace Well #1, aeralator rehab, control panel replacement, water main replacement to improve pressure and add new valves and hydrants	2015	B,C,E	55	2	779	P	\$ 1,316,550				
Swea City	FS-55-15-DWSRF007	Replace Well #2, change out well pump in Well #3, replace aeralator, control panel and process piping	2015	B,C,E	55	2	536	P	\$ 949,725				

Washington	PD-DW-15-11	Construction of a new water tower.	2015	G	P&D	2	7266	R	\$ 75,000				
Asbury	FS-31-15-DWSRF-001	Constructing water main looping, installing new well and elevated storage tank	2015	B,E	45	1	4545	P	\$ 3,404,700				
Dyersville	FS-31-15-DWSRF-003	Hydrous Manganese Oxide (HMO) addition.	2015	A,B,E	95	1	4058	P	\$ 1,021,080				
Ottumwa	FS-90-15-DWSRF-002	Ultra Violet Water Treatment and related facility improvements	2015	A,B	80	1	25023	P	\$ 4,000,000				
Sioux Rapids	PD-DW-15-01	Repair current water treatment plant and construct a second treatment plant	2015	G	P&D	1	1298	L			7/25/14	\$ 75,000	\$ 75,000
Bonaparte	FS-89-14-DWSRF-016	Complete Phases 3 & 4 as presented in 2013 update. These 2 phases will replace cast-iron water main with new main and add new hydrants	2014	B,C,E	40	4	433	R	\$ 304,010				
Breda	FS-14-14-DWSRF-017	Construction of a new water tower.	2014	B,C,E	55	4	486	P	\$ 638,320				
Buffalo Center	FS-95-14-DWSRF-019	Construct water treatment plant, water town upgrades and well rehabilitation including new treatment building, treatment plant equipment, rehabilitation of Well #1.	2014	B,C,E	55	4	905	P	\$ 1,174,350				
Fonda	FS-76-14-DWSRF-013	Improvements at existing water treatment plant	2014	A,C,E	65	4	666	P	\$ 1,336,230				
Hull	FS-84-14-DWSRF-023	Improvements for increased service	2014	B,C,E	55	4	2185	C	\$ 3,839,000				
Keosauqua	FS-89-14-DWSRF-015	Phase 4 of improvements to city's water distribution system by replacing 2250 feet of water mains, 5 hydrants.	2014	B,C,E	40	4	1006	P	\$ 455,000				
Keota	FS-54-14-DWSRF-014	Completion of city's Priority 4 and remainder of Priority 2 per 2010 Engineering Report. Project will replace cast-iron water main with new PVC pipe and installation of new main and hydrants	2014	B,C,E	40	4	1009	P	\$ 552,672				
Lawler	FS-19-14-DWSRF-018	Well improvements and water main installation including well house, piping, control panel, chemical feed system, water main, valves and hydrants	2014	B,C,E	35	4	439	P	\$ 241,300				
Muscatine Power & Water	FS-70-14-DWSRF-022	Watermain replacement project	2014	B	15	4	24386	P	\$ 2,432,416				
Muscatine Power & Water	PD-DW-14-44	Water Site Source Analysis	2014	G	P&D	4	24386	R	\$ 215,915				
North Liberty	FS-52-14-DWSRF-020	Design and construction of a new reverse osmosis water treatment plant	2014	B	30	4	13386	P	\$ 13,200,000				
Thurman	FS-36-14-DWSRF-021	Construction of a second well and a new filtration system	2014	B,C,E	55	4	229	P	\$ 532,169				
Tripoli	PD-DW-14-23	New water treatment facility	2014	G	P&D	4	1343	R	\$ 143,000				
Council Bluffs	FS-78-14-DWSRF-009	Purchase Property adjacent to WW to protect wells from farm contamination	2014	D	15	3	63783	L			1/9/15	\$ 2,020,000	\$ 1,200,000
De Soto	FS-24-14-DWSRF-011	New water treatment facility	2014	B,E	25	3	1050	P	\$ 3,295,000				
Halbur	FS-14-14-DWSRF-007	New water storage facility	2014	B,E	45	3	249	L			7/11/14	\$ 473,993	\$ 375,000
Halbur	FS-14-14-DWSRF-007 (2)	New water storage facility	2014	B,E	45	3	249	L			8/29/14	\$ 131,000	\$ 131,000
Ida Grove	FS-47-14-DWSRF-008	Add new permanent well	2014	B,E	45	3	2158	P	\$ 339,017				

Pella	FS-63-14-DWSRF-012	Construction of a new Jordan Well	2014	B	35	3	10352	L	\$ 14,645,000		1/16/15	\$ 14,645,000	\$ 15,819,000
Spencer	FS-21-14-DWSRF-010	Water Supply and Treatment Improvements	2014	B	35	3	11235	R	\$ 14,680,754				
Schleswig	FS-24-14-DWSRF-006	Replacement of aging water main to reduce water loss, looping	2014	B,C,E	40	2	882	P	\$ 2,338,000				
Coralville	PD-DW-14-01	Expansion of water treatment facility.	2014	G	P&D	1	18907	R	\$ 191,000				
Salix	FS-97-14-DWSRF-001	Construction of a new water tower.	2014	B,C,E	55	1	363	P	\$ 500,000				
Anita	FS-15-13-DWSRF-019	Construction of a new municipal drinking water well and water treatment plant.	2013	B,C,E	55	4	972	P	\$ 2,308,254				
Libertyville	FS-51-13-DWSRF-017	Address problems with water pressure and water loss due to continual water main breaks.	2013	A,B,C,E	55	4	315	P	\$ 964,045				
Macedonia	FS-78-13-DWSRF-015	Water main replacement due to aging and leaks	2013	B,C,E	40	4	246	R	\$ 294,970				
Stanwood	FS-16-13-DWSRF-021	Construction of approx 2700 lineal feet of new 6 inch PVC pipe, including new valves, hydrants.	2013	B,C,E	40	4	684	P	\$ 786,841				
Tripoli	FS-09-13-DWSRF-018	New water treatment facility to replace 60 year old one.	2013	B,C,E	35	4	1313	P	\$ 1,201,900				
Hancock	FS-78-13-DWSRF-010	Construction of a new water distribution system with new 6" PVC mains to replace asbestos cement pipe	2013	A,B,C,E	55	3	196	P	\$ 1,300,779				
Lytton	DROPPED	Expansion of existing treatment plant to adequately meet peak system demands and provide redundancy	2013	B,C,E	50	3	315	D					
Okoboji Camp Owners Coop	FS-30-13-DWSRF-011	Distribution system replacement	2013	B,E	30	3	358	L			10/10/14	\$ 796,880	\$ 950,000
Toledo	FS-86-13-DWSRF-013	New water treatment facility to meet current design standards, install redundant equipment for radium removal	2013	A,C,E	65	3	2341	L			10/31/14	\$ 3,065,000	\$ 3,065,000
Hawkeye	FS-33-13-DWSRF-007	New well to replace failing backup well, new wellhouse and controls, and water main replacement to eliminate 2" main	2013	B,C,E	55	2	449	P	\$ 818,000				
Lenox	FS-87-13-DWSRF-004	Water main looping and replacement, replacement of pump station	2013	B,C,E	40	1	1407	L			7/11/14	\$ 450,000	\$ 452,000
Sioux City	FS-97-13-DWSRF-001	I-29 Utility Relocation	2013	B	20	1	82684	R	\$ 2,541,000				
Stacyville	FS-66-13-DWSRF-002	Water main replacement to eliminate flow bottleneck and replace old cast iron main	2013	B,C,E	40	1	494	L			10/31/14	\$ 355,000	\$ 313,000
Cedar Falls Utilities	FS-07-12-DWSRF-028	Water main extension to connect homes with nitrate contaminated private wells	2012	A	35	4	39260	P	\$ 1,380,670	50%			
Charlotte	DROPPED	New shallow well source to blend with high radium well	2012	A,B,C,E	105	4	394	D					
Hills	FS-52-12-DWSRF-021	New system to eliminate contaminated private wells	2012	A,B,E	105	4	703	L		50% of eligible costs	8/22/14	\$ 3,832,000	\$ 2,000,000
Hills (supplemental)	FS-52-12-DWSRF-021 (2)	New system to eliminate contaminated private wells	2012	A,B,E	105	4	703	L		50% of eligible costs	11/21/14	\$ 3,832,000	\$ 4,151,000
Shenandoah	FS-73-12-DWSRF-020	Water meter replacement	2012	B,C,D,E	45	4	5546	R	\$ 80,800	20%			
Albia	FS-68-12-DWSRF-008	Water main replacement	2012	B,C,E	40	2	3706	P	\$ 350,000				

Churdan	FS-37-12-DWSRF-007	Running 9 miles of pipe to hook onto Xenia's water pipeline.	2012	A,B,E	85	2	386	L		50%	1/23/15	\$ 1,284,316	\$ 1,120,000
Ryan	FS-28-12-DWSRF-005	New Silurian well with emergency power and control building	2012	B,E	45	2	410	P	\$ 128,000				
Palo	FS-57-12-DWSRF-003	New water treatment plant for new municipal system	2012	A,E	55	1	899	R	\$ 1,040,200				
Le Mars*	FS-75-11-DWSRF-022	Meter replacement, automatic meter reading system	2011	B,E	30	4	9270	L		20%	7/11/14	\$ 1,010,000	\$ 1,010,000
Ralston	FS-14-11-DWSRF-034	Redundant well, booster pump installation, treatment plant upgrades	2011	B,C,E	55	4	98	P	\$ 343,600	40%			
Story City	FS-85-11-DWSRF-037	Water meter replacement	2011	B,E	30	4	3228	P	\$ 207,000	20%			
Frankville (Winneshiek Co BO	FS-96-11-DWSRF-012	New public water supply to replace private wells	2011	A,E	45	2	125	P	\$ 762,449	50%			
Hudson	FS-07-11-DWSRF-006	New well and distribution system to provide supply for Hudson, which is currently consecutive to Waterloo	2011	B,E	45	1	2117	P	\$ 2,973,634				
Kelley	FS-85-11-DWSRF-008	New well and treatment, EST, raw water main, and water main replacement	2011	B,E	45	1	300	P	\$ 1,825,070	30%			
New London	FS-44-11-DWSRF-001	New ground storage reservoir, high service pump, standby power, and water main replacement	2011	B,C,E	55	1	815	R	\$ 741,000				
Ainsworth	FS-92-10-DWSRF-066	Water main looping and replacement	2010	B,C,E	40	4	524	R	\$ 202,000				
Fremont	FS-62-10-DWSRF-054	Water main replacement and 50 water meters	2010	B,C,E	40	4	704	L	DWSRF		12/12/14	\$ 760,530	\$ 480,000
Mason City	DROPPED	Replacement of elevated storage tank with same size; new security fence	2010	B	35	4	29172	D					
Ames	FS-85-10-DWSRF-046	New 15 million gallon/day lime softening plant, construction of LEED certified building	2010	B	35	3	50731	L		20% of LEED building construction	1/30/15	\$ 76,325,000	\$ 76,325,000
Mahaska Rural Water System,	FS-62-10-DWSRF-042	Two new wells, auxiliary power, upgrade water treatment plant, and add emergency connection with booster pumping to Oskaloosa Municipal Water System	2010	B,E	45	3	7000	L			12/12/14	\$ 3,609,600	\$ 2,463,000
Oto	FS-97-09-DWSRF-016	New water storage tank	2009	B,C,E	40	4	145	P	\$ 61,065				
									\$ 113,612,832			\$ 112,981,319	\$ 110,245,000
Project Status	Project Type												
Contingency -- C	A = Water Quality and Human Health Risk-Related Criteria												
Dropped -- D	B = Infrastructure and Engineering-Related Improvement												
Ready for Loan -- R	C = Affordability Criteria												
Loan Signed -- L	D = Special Category Improvements												
Planning Stage -- P	E = Project Serves Population less than 10,000												
	F = Supplemental Loan for Previously Approved Project												
Green projects (* business case required)	G = Planning and Design Loan												
Disadvantaged Communities													
Public Health Projects													

Project Name	NPDES No.	Project Number	CWSRF No.	Project Description	IUP Yr	Needs Category	Priority Points	Quarter	Project Status	Current Requests	Loan Forgiveness	Loan Signed	Original Request	Loan Amount
Ames	8503001	S2013-0327	1920741 01	Sanitary Sewer Rehabilitation	2015	IIIA	160	4	P	\$ 2,588,970				
Aplington	1207001	S2014-0154	1920731 01	UV disinfection, standby generator, remove sludge and replace synthetic lagoon liners and several older surface aerators and install new flow meter.	2015	II	250	4	P	\$ 844,200				
Belle Plaine	0610001	S2012-0141	1920744 01	Wastewater Disposal System Improvements	2015	II,IIIA	259	4	P	\$ 2,448,180				
Brooklyn			PD-CW-15-39	Wastewater & Collection system improvements	2015	II	P&D	4	R	\$ 590,000				
Brooklyn	7909001	S2014-0047	1920735 01	Treatment Plant Upgrade	2015	II	240	4	P	\$ 4,120,500				
Coralville			PD-CW-15-25	Wastewater treatment plant improvements	2015	II	P&D	4	R	\$ 1,965,000				
Duncombe	9427001	S2015-0164	1920740 01	Lift Station	2015	IIIB	165	4	P	\$ 404,990				
Edgewood	2820001	S2014-0317	1920730 01	Construction of a new lift station	2015	IIIB	147	4	P	\$ 262,000				
Fort Madison			PD-CW-15-38	Planning & design of renovations to City's wastewater treatment plant	2015	II	P&D	4	R	\$ 1,571,575				
Fort Madison	5625001	S2013-0017	1920746 01	Replace aging equipment, repair structures, implement nutrient removal, add biosolids storage	2015	II	237	4	P	\$ 15,497,000				
Garrison			PD-CW-15-26	Sanitary sewer study	2015	IIIB	P&D	4	R	\$ 100,000				
Granville	8429001	S2015-0163	1920738 01	2015 Sanitary Sewer project	2015	IIIA	152	4	P	\$ 696,968				
Granville			PD-CW-15-27	Sanitary sewer	2015	IIIA	P&D	4	R	\$ 102,000				
Hills			PD-CW-15-28	Lagoon expansion and disinfection	2015	I	P&D	4	R	\$ 350,000				
Keokuk	5640001	S2015-0088	1920732 01	Sewer Rehabilitation - Phase 1	2015	IIIA	237	4	P	\$ 1,484,700				
Keota			PD-CW-15-29	Wastewater treatment improvements	2015	II	P&D	4	R	\$ 361,000				
Keystone	064001	S2014-0164	1920743 01	WWTF Upgrade	2015	II	247	4	P	\$ 3,239,919				
Keystone			PD-CW-15-30	WWTF Upgrade	2015	II	P&D	4	R	\$ 326,000				
Lake View			PD-CW-15-31		2015		P&D	4	R	\$ 263,500				
Lime Springs	4535001	S2014-0243	1920747 01	Wastewater System Improvements	2015	II	245	4	C	\$ 2,454,009				
Monona	2264001	S2014-0307	1920734 01	Sanitary Sewer Collection Systems and Lift Station Improvements	2015	IIIA	170	4	P	\$ 2,954,550				
Northwood	0032395	S2014-0292	1920733 01	Wastewater Treatment Improvements	2015	II	260	4	P	\$ 8,970,630				
Pleasantville	6377001	S2013-0174	1920737 01	WWTP Improvements	2015	II	229	4	P	\$ 4,120,500				
Readlyn	0965001	S2009-0030	1920736 01	WWTF Improvements	2015	II	207	4	P	\$ 3,326,500				
Spencer	2171004	S2014-0044	1920745 01	Treatment Plant Upgrade, 4th Ave west storm sewer separation	2015	II,V	300	4	P	\$ 5,864,175				
Spencer			PD-CW-15-31	Treatment Plant Upgrade, 4th Ave west storm sewer separation	2015	II,V	P&D	4	R	\$ 575,000				
Sumner			PD-CW-15-35	Disinfection and Sludge Storage	2015	II	P&D	4	R	\$ 84,000				
West Liberty	7073001	S2014-0165	1920739 01	WTF Improvements - Phase 1	2015	II	260	4	P	\$ 2,605,086				
Atkins	0603001	S2013-0314	1920727 01	WWTP Improvements	2015	II	247	3	P	\$ 4,190,850				

Cascade	3118001	S2013-0002	1920723 01	Wastewater treatment plant upgrade	2015	II	247	3	P	\$ 7,524,500				
Clarence			PD-CW-15-24	Sewer System Rehabilitation	2015	IIIB	P&D	3	R	\$ 130,000				
Davenport	8222003	S2013-0386	1920725 01	WPCP Optimization Design Project	2015	I	157	3	P	\$ 8,800,000				
Elkhart			PD-CW-15-23	Lagoon upgrading and disinfection	2015	I	P&D	3	L			1/9/15	\$ 150,000	\$ 150,000
Fort Dodge	9433003	S2015-0080	1920728 01	Sanitary Sewer Rehabilitation	2015	IIIA, IIIB	195	3	P	\$ 30,000,000				
Fort Dodge		S2015-0080	PD-CW-15-19	Lift Station Improvements, hydraulic capacity improvements and I&I removal project	2015	IIIB	P&D	3	L			1/9/15	\$ 2,285,000	\$ 2,300,000
Gladbrook	8640001	S2014-0128	1920729 01	Install UV disinfection equipment, install back-up power at lift station and WWTF; repair/replace existing fencing at WWTF	2015	II	242	3	P	\$ 1,356,750				
Hospers			PD-CW-15-17	Wastewater treatment plant expansion	2015	II	P&D	3	R	\$ 156,000				
Mount Ayr	8055001	S2013-0111	1920722 01	Wastewater Treatment and Conveyance	2015	II	237	3	P	\$ 502,500				
Mount Ayr			PD-CW-15-20	Disinfection system construction	2015	II	P&D	3	L			12/19/14	\$ 100,000	\$ 100,000
Postville	0375001	S2004-0442	1920726 01	Wastewater treatment facility improvements	2015	II	255	3	P	\$ 4,871,637				
Prairie City	5064001	S2015-0047	1920724 01	Wastewater Collection System Rehabilitation	2015	IIIA	129	3	P	\$ 211,251				
Prairie City			DROPPED	Sanitary Sewer Collection Systems Improvements	2015	IIIB	P&D	3	D					
Underwood			PD-CW-1516	Install an additional lift station	2015	IIIB	P&D	3	R	\$ 80,000				
Arthur	4703001	S2014-0054	1920717 01	Lagoon & Pump Station Improvements	2015	I	187	2	P	\$ 835,982				
Blencoe	6709001	S2014-0409	1920720 01	Main Lift Station Improvements	2015	IIIB	142	2	P	\$ 179,694				
Deloit	2421001	S2013-0234	1920716 01	Lagoon Rehabilitation	2015	IIIB	147	2	P	\$ 496,634				
Elliott (supplemental)	7825001	S2013-0120	1920666 02	Wastewater Collection and Treatment System	2015	IIIA	150	2	R	\$ 100,000				
Epworth (supplemental)	3133001	S2011-0155	1920683 02	Conversion of lagoon to sludge wastewater treatment facility. Construction of new mail lift station.	2015	II	240	2	L			12/12/14	\$ 2,500,000	\$ 2,500,000
Gladbrook			PD-CW-15-14	Disinfection to achieve e.coli compliance	2015	II	P&D	2	R	\$ 90,000				
Monona			PD-CW-15-07	Wastewater Treatment System Improvements	2015	II	P&D	2	L			10/3/14	\$ 125,000	\$ 125,000
New Hampton	1970001	S2014-0034	1920721 01	Wastewater treatment plant improvements	2015	II	224	2	P	\$ 2,095,750				
Newhall	310650154	S2014-0245	1920718 01	Wastewater Treatment System Improvements	2015	II	237	2	C	\$ 2,552,700				
Panama			PD-CW-15-13	Wastewater Treatment Improvements	2015	II	P&D	2	L			11/21/14	\$ 165,000	\$ 165,000
Postville			PD-CW-15-10	Wastewater treatment facility improvements	2015	II	P&D	2	L			9/19/2014	\$ 333,200	\$ 333,200
Ricketts			PD-CW-15-06	Upgrade Wastewater Treatment Facility	2015	II	P&D	2	L			10/3/14	\$ 100,000	\$ 100,000
Ruthven	7465001	S2014-0412	1920719 01	Wastewater System Improvements	2015	IIIA	129	2	C	\$ 1,549,710				

Wastewater Reclamation Authority			PD-CW-15-08	Eastside Interceptor & Force Main Project/Westside High Flow Pump Station	2015	IVB	P&D	2	R	\$ 3,000,000				
West Burlington			PD-CW-15-09	Prepare Antideg Report & Facility Plan for ammonia, e.coli and DO treatment	2015	II	P&D	2	L			9/19/14	\$ 687,000	\$ 687,000
Afton	8803001	S2014-0265	1920707 01	Sanitary Sewer Rehabilitation and Lagoon Biosolids Removal	2015	IIIA	134	1	R	\$ 206,025				
Ames	8503001	S2014-0223	1920713 01	Lift Station Improvements	2015	IIIB	160	1	P	\$ 1,155,440				
Burlington	2909001	S2013-0301	1920708 01	Construction of a new plastic sanitary main, set within the existing box.	2015	V	189	1	P	\$ 1,001,920				
Fairfield	5131001	S2014-0008	1920704 01	Inflow & Infiltration reduction by replacing existing sewers	2015	IIIA	167	1	P	\$ 8,286,225				
Fairfield	5131001	S2013-0368	1920705 01	Construction of a new influent and stormwater pumping building, headworks bldg, third oxidation ditch, UV disinfection system and aerobic digester.	2015	II	252	1	P	\$ 14,856,848				
Fairfield	5131001	S2013-0368	1920706 01	Construction of a forcemain	2015	IVB	157	1	P	\$ 3,817,548				
Keokuk	5640001	S2012-0406	1920709 01	Update the water pollution control plant	2015	V	197	1	P	\$ 6,009,500				
Knoxville	6342001	S2014-0209	1920702 01	Wastewater Collection System Rehabilitation Phase 1	2015	IIIA	169	1	R	\$ 2,467,500				
Letts	5847001	S2014-0208	1920711 01	Sanitary Sewer I/I Rehabilitation	2015	IIIA	170	1	R	\$ 581,100				
North Liberty			PD-CW-15-03	Phase 2 Expansion of the wastewater treatment plant	2015	II	P&D	1	L			7/25/14	\$ 1,450,000	\$ 1,450,000
North Liberty	5252001	S2012-0245	1920703 01	Phase II Wastewater Treatment Plant	2015	II	190	1	P	\$ 14,264,000				
Roland	8570001	S2014-0203	1920710 01	Cottonwood Street Sanitary Swere	2015	IIIA	160	1	P	\$ 1,788,900				
Sumner	0970001	S2012-0127	1920712 01	Disinfection and Sludge Storage	2015	II	209	1	P	\$ 402,000				
Wastewater Reclamation Authority (supplemental)	7727001	S2009-0219	1920457 05 (Phase 17, multiple phases)	New Main Outfall, supplemental loan to finalize costs	2015	IVB	160	1	R	\$ 3,000,000				
Wastewater Reclamation Authority (supplemental)	7727001	S2009-0219	1920499 02 (Phase 17, Segment 7)	New Main Outfall, Phase 17 Segment 7 final costs	2015	IVB	160	1	R	\$ 10,400,000				
Winterset	6171001	S2012-0027	1920715 01	Replace trickling filter arms, move controls for North Lift Station and construct dump station	2015	I	137	1	P	\$ 1,444,868				
Arlington	3307001	S2014-0186	1920694 01	Sanitary sewer rehabilitation	2014	IIIA	117	4	P	\$ 349,961				
Blakesburg	6827001	S2014-0172	1920695 01	Sanitary sewer rehabilitation	2014	IIIA	132	4	P	\$ 383,000				
Chariton	5903001	2014-0106	1920697 01	Increase capacity of 12th St Lift Station and replace NW Lift Station with new structures and equipment.	2014	IVB	135	4	P	\$ 350,000				
Chariton			PD-CW-14-36	Increase capacity of 12th St Lift Station and replace NW Lift Station with new structures and equipment.	2014	IVB	P&D	4	R	\$ 137,900				

Fairbank	1025001	S2012-0184	1920700 01	Wastewater System Improvements	2014	II	234	4	R	\$ 3,114,500				
Kalona	9233001	S2014-0078	1920687 01	CIPP & Force Main Install	2014	IIIA	145	4	L			10/3/14	\$ 1,124,000	\$ 1,124,000
Keosauqua	8938001	S2013-0110	1920693 01	PER Wastewater Improvements	2014	IIIA	145	4	P	\$ 546,000				
Luther	0844001	S2007-0027	DROPPED	Provide sanitary sewer facilities to unsewered community.	2014	XII	285	4	D					
Maxwell	8557001	S2014-0169	1920698 01	Sanitary sewer rehabilitation	2014	IIIA	130	4	R	\$ 271,800				
Mitchellville	7751001	S2014-0159	1920696 01	Sanitary sewer rehabilitation	2014	IIIA	177	4	P	\$ 307,340				
Rockwell City	1376001	S2014-0177	1920699 01	Replacement of broken sewer mains and replacement and repair of manholes	2014	IIIA	137	4	R	\$ 1,623,123				
Titonka	5588001	S2014-0147	1920692 01	Sanitary Sewer Collection Systems Improvements	2014	IIIA	132	4	L			1/23/15	\$ 662,000	\$ 377,000
Ames	8503001	S2013-0326	1920686 01	WPCF Biosolids Storage Tank	2014	II	180	3	R	\$ 1,885,400				
Coralville			PD-CW-14-31	Replace manholes, reconstruct sewer lines at Oakdale trunk sewer and replace lift station and form main for Muddy Creek	2014	IIIB	P&D	3	R	\$ 270,263				
Dyersville	3130001	S2013-0345	1920689 01	WWTF Expansion Project	2014	II	172	3	C	\$ 3,030,000				
Dyersville	3130001	S2013-0342	1920690 01	SE Lift Station & Collection System Improvements	2014	IVB	127	3	C	\$ 1,476,620				
Farley	3135001	S2013-0378	1920691 01	WWTF Disinfection	2014	II	199	3	P	\$ 241,390				
Gamavillo	2234001	S2012-0200	1920684 01	Improvements to collection system	2014	II	199	3	P	\$ 4,469,250				
Miles	4953001	S2013-0064	1920688 01	Construction of controlled discharge lagoon	2014	I	227	3	P	\$ 897,890				
Spragueville	4982001	S2013-0202	1920685 01	Septic tank/sand mound treatment system.	2014	XII	199	3	P	\$ 316,544				
Dyersville			PD-CW-14-18	New Lift Station	2014	IIIB	P&D	2	R	\$ 152,000				
Dyersville			PD-CW-14-19	WWTF Expansion Project	2014	II	P&D	2	R	\$ 173,000				
Iowa DNR-Parks - Big Creek	7700905	S2011-0048	DROPPED	Big Creek Pump Station and Force Main	2014	IVA	245	2	D					
Iowa DNR-Parks - Geode State Park	4400901	S2011-0278	1920681 01	Wastewater Treatment Upgrade	2014	I	235	2	R	\$ 1,111,000				
Martensdale	9147001	S2013-0292	1920682 01	Sewer rehabilitation	2014	IIIB	150	2	P	\$ 833,800				
Granger	2537001	2012-0169	1920667 01	Wastewater treatment plant improvements	2013	II	240	4	R	\$ 2,195,000		12/5/14	\$ 4,517,000	\$ 5,000,000
Henderson	66529001	2013-0147	1920674 01	Wastewater Improvements	2013	IVA	125	4	P	\$ 100,000				
Maynard	3350001	S2013-0123	1920668 01	Wastewater I/I Reduction	2013	IIIA	142	4	R	\$ 315,606				
Montezuma	7950001	S2012-0172	1920670 01	Lining 7000 LF of sanitary sewers, new transmission main, constructing bio-retention swales, constructing new culverts and streets.	2013	IIIB	145	4	P	\$ 317,140				
Nora Springs	3423001	2013-0150	1920671 01	Slip lining of sewer main, spot repairs, sewer pipe replacement, new manhole lids, castings, new manhole replacements, lining and grouting.	2013	IIIA	145	4	R	\$ 1,031,715				

Pleasantville			PD-CW-13-31		2013	I	P&D	4	R	\$ 527,500				
Tama	8670002	S2013-0103	1920669 01	Sanitary Sewer System Improvements	2013	IIIA	145	4	P	\$ 677,205				
Wellman	9270661	S2013-0066	1920673 01	WWTP Screen Improvements	2013	IVA	125	4	L			8/1/14	\$ 210,000	\$ 210,000
Wellman			PD-CW-13-32		2013	I	P&D	4	R	\$ 81,283				
Worthington	3089001	S2011-0241	1920676 01	Disinfection Project	2013	II	242	4	P	\$ 131,250				
Coggon	5722001	S2011-0152	1920658 01	Construction of new wastewater treatment facility to address concerns with mercury, CBOD5, ammonia-nitrogen, flooding, and disinfection	2013	II	237	3	P	\$ 3,119,536				
Cumming	9123001	S2010-0142	1920662 01	Construction of South Trunk Sewer Extension, Phase II, to transport wastewater to WRA interceptor and eliminate existing treatment facility	2013	IVB	244	3	P	\$ 604,182				
Marengo	4843001	S2013-0052	1920661 01	Infiltration/inflow correction to address permit violations at treatment facility	2013	IIIA	162	3	R	\$ 2,179,580				
Mount Union	4455001	S2013-0118	1920664 01	Purchase of existing wastewater system currently owned and operated by Rural Utility Service Systems (RUSS)	2013	II	127	3	R	\$ 307,040				
Mt Pleasant	4453001	S2012-0407	1920665 01	Replacement of remaining portions of Snipe Run Interceptor to transfer flows to new wastewater treatment facility	2013	IIIB	125	3	P	\$ 1,600,000				
Patterson	6151001	S2011-0078	1920659 01	Upgrade pump station capacity, reduce inflow/infiltration, install new force main with goal of reducing sewer backups	2013	IIIB	165	3	R	\$ 54,540				
Wastewater Reclamation Authority	7727001	S2013-0079	1920657 01	WRA Southern Tier Interceptor Phase 10 Segments 15-17 to increase capacity to handle wet weather flows	2013	IVB	115	3	R	\$ 6,080,200				
Dakota City			PD-CW-13-15	Infiltration/inflow correction through sewer relining	2013	IIIA	P&D	2	R	\$ 85,000				
Kiron	2432001	S2011-0252	1920655 01	New covered aerated lagoon and disinfection, new lift station	2013	II	202	2	L			9/12/14	\$ 1,233,715	\$ 1,478,000
Oxford	5260001	S2012-0142	1920652 01	The existing lagoon is overloaded with inflow and infiltration from the collection system. The facility is under enforcement action to reduce excess flow. The project involves using cured-in-place pipe to reinforce existing sewer lines and sealing leaking manholes and service connections.	2013	IIIA	139	1	L			10/31/14	\$ 450,000	\$ 225,000

Sioux City	9778001	S2010-0080	1920647 02	The Iowa Department of Transportation is constructing improvements to Interstate 29, which requires Sioux City to relocate existing sanitary sewer interceptor and storm sewers.	2013	IVB	130	1	R	\$ 20,434,000				
Thornton	1781001	S2012-0134	1920649 01	Leaking of the city's lagoons has been documented. The project involves emptying the lagoons during normal discharge time, removing existing rip rap, installing a new liner system, and replacing rip rap.	2013	I	147	1	L			7/25/14	\$ 246,238	\$ 226,000
Wapello	5879001	S2011-0196	1920651 01	Wapello's wastewater treatment facility is overloaded hydraulically and organically and cannot meet NPDES limits. The project involves conversion of existing lagoons to a 3-cell aerated lagoon facility.	2013	II	167	1	L			8/29/14	\$ 1,230,000	\$ 2,000,000
Calamus	23200001	S2012-0126	1920628 01	WWTP Upgrades 2011-add 3rd lagoon cell	2012	I	149	4	P	\$ 1,360,000				
Clinton (Phase II, Part 2)	2326001	S2005-0016	1920629 01	US 30/67 and Camanche Avenue (Reconstruction & Sewer Separation)	2012	V	144	4	R	\$ 3,535,000				
Conesville	7016000	S2012-0176	DROPPED	Replace pump station & provide emergency diesel-powered generator	2012	IIIB	137	4	D					
Durant	7036001	S2008-0219	1920632 01	Improvements to WWTF incorporate expansion of the plant, an equalization basin, sludge process, UV disinfection & cascade aeration	2012	II	210	4	P	\$ 5,796,000				
Elkhart			DROPPED		2012		P&D	4	D					
Elkhart	7730001	S2012-0137	1920634 01	Inflow and infiltration correction	2012	IIIA	129	4	P	\$ 609,030				
Hamburg			PD-CW-12-29		2012		P&D	4	R	\$ 100,000				
Fort Madison	5625001	S2012-0013	1920622 01	Gravity sewers, submersible pump station and force main	2012	IVA	145	3	R	\$ 3,865,422				
Fort Madison	5625001		PD-CW-12-19		2012	IVA,IVB	P&D	3	L			11/14/14	\$ 470,000	\$ 470,000
Kelley	8548001	S2011-0121	1920624 01	Sanitary sewer improvements	2012	IIIA	165	3	P	\$ 172,000				
La Porte City	0743001	S2012-0049	1920625 01	Commercial Street Sanitary Sewer Repolacement Project	2012	IIIB	150	3	P	\$ 556,409				
La Porte City	0743001	S2009-0187	1920620 01	Wastewater treatment plant improvements	2012	I,II	220	2	P	\$ 917,822				
Nemaha	Unsewered		PD-CW-12-04		2012	I,IIIB	P&D	2	R	\$ 75,000				
North English	4858001		PD-CW-11-36		2012	II,IIIA,IIIB	P&D	1	R	\$ 140,000				
RUSS (Augusta)	Unsewered		PD-CW-11-39		2012	I,IVA	P&D	1	R	\$ 193,000				
RUSS (Croton)	Unsewered		PD-CW-11-40		2012	I,IVA	P&D	1	R	\$ 100,000				
RUSS (Wever)	Unsewered		PD-CW-11-46		2012	I,IVA	P&D	1	R	\$ 193,000				
RUSS(Moar/Powdertown)	Unsewered		PD-CW-11-44		2012	I,IVA	P&D	1	R	\$ 100,000				

Albert City	1103001	S2011-0114	1920608 01	Phase I inflow/infiltration correction; Phase II new lagoon, disinfection	2011	II,IIIA	184	4	P	\$ 2,387,264	30%			
Denver	0915001	S2007-0432	1920609 01	Sewer rehabilitation, new wastewater treatment plant	2011	II,IIIA	184	4	L			8/29/14	\$ 6,153,127	\$ 6,734,000
Dubuque (Revised Upper Bee Branch)	N/A	N/A	GNS10-5	Stream daylighting	2011	VII-K	162	4	P	\$ 28,823,000	30% of up to \$14,767,000			
Geneva	3539000	S2010-0308	1920610 01	New collection system, sand mound treatment	2011	II	169	4	P	\$ 518,775	30%			
Clarion	9909001	S2010-0186	1920602 01	Wastewater treatment plant upgrades	2011	II	189	3	P	\$ 3,309,871				
Truro	6167001	S2010-0144	1920605 01	Sewer rehabilitation	2011	IIIA	139	3	L			11/21/14	\$ 425,663	\$ 302,000
Wyoming	5392001	S2009-0239	1920606 01	Lagoon upgrade	2011	I	97	3	P	\$ 1,480,812				
Buffalo	8218001	S2010-0278	1920582 01	Converting plant from chlorine to ultraviolet disinfection. Vortex grit removal system and comminutor replaced. Rehabilitating manholes and cleaning existing sanitary sewer.	2011	II	169	2	L			11/21/14	\$ 358,550	\$ 526,000
Earling	8320001	S2010-0187	1920584 01	Controlled discharge lagoon	2011	II	184	2	P	\$ 2,985,661	30%			
Massena	1558001	S2010-0129	1920578 01	Sewer rehabilitation	2011	IIIB	149	2	L			8/29/14	\$ 230,000	\$ 230,000
Mondamin	4349001	S2007-0165	1920587 01	Sewer rehabilitation	2011	IIIA	139	2	P	\$ 83,578				
Wastewater Reclamation Authority	7727001	S2010-0310	1920593 01 (Phase 19 Seg 1-4)	Interceptor sewer to convey wastewater from Bondurant to the Wastewater Reclamation Facility	2011	IVB	150	2	R	\$ 16,545,820				
Bennett	1603001	S2010-0120	1920529 01	Sewer rehabilitation, pump station upgrades	2011	IIIA	137	1	R	\$ 2,270,000				
Brighton	9209001	S2009-0288	1920515 01	Sewer rehabilitation, wastewater treatment plant upgrade	2011	II,IIIB	140	1	R	\$ 2,675,000				
Carlisle	9113001	S2010-0027	DROPPED	Lagoon upgrade	2011	II	215	1	D					
Carlisle	9113001		DROPPED		2011	IIIA,IIIB	P&D	1	D					
Charles City	3405001	S2010-0232	1920551 01	Disinfection	2011	II	170	1	R	\$ 2,840,120				
Grinnell	7930001	S2010-0229	1920554 01	Sewer rehabilitation	2011	IIIA	129	1	P	\$ 1,295,625				
Hampton	3544001	S2006-0242	1920530 01	New wastewater treatment plant	2011	II,IVB	160	1	R	\$ 7,409,158				
Lamont	1061001	S2010-0116	1920576 01	Lagoon upgrade, pump station upgrade	2011	I	140	1	R	\$ 1,169,665				
Libertyville	5148001		PD-CW-10-51		2011	I,IIIA,IIIB, VI	P&D	1	R	\$ 95,000				
Ottumwa (Richmond Ave area)	9083001	S2006-0453	1920565 01	Combined sewer separation	2011	V	175	1	L		30%	9/12/14	\$ 3,636,000	\$ 4,800,000
Reasnor	5071001	S2009-0207	1920543 01	Lagoon expansion	2011	I	160	1	R	\$ 737,805				
Spencer	2171004	S2010-0111	1920528 01	Combined sewer separation	2011	V	185	1	R	\$ 2,300,000				
Underwood	7869001	S2008-0186	1920568 01	Sewer rehabilitation	2011	IIIA	147	1	C	\$ 252,399				
Cedar Rapids	5715001	S2010-0127	1920536 01	Wastewater treatment plant upgrade	2010	II	185	4	R	\$ 1,900,000				
Coralville			GNS10-4	Green infrastructure practices at the Iowa River Landing	2010	VIIK	120	4	P	\$ 2,950,000	30%			
Gilbertville	0733001	S2009-0110	1920548 01	New activated sludge treatment plant, disinfection	2010	II	165	4	R	\$ 1,692,760				
Fayette	3342001	S2008-0323	1920506 01	Wastewater treatment plant upgrade, disinfection	2010	II	187	3	R	\$ 1,031,000				
Mingo	5052001	S2008-0304	1920510 01	Lagoon expansion	2010	I	172	3	R	\$ 1,515,000				
Wheatland	2394001		PD-CW-10-10		2010	IIIA, IIIB,V	P&D	3	R	\$ 67,000				

Davenport	8222003	S2006-0279	DROPPED	Interceptor sewer	2010	IVB	125	2	D					
Ida Grove	4728001	S2009-0276	1920493 01	Pump station upgrades, disinfection	2010	II,IIIB	169	2	R	\$ 298,960				
Eagle Grove	9926001	S2009-0202	1920464 01	Sewer rehabilitation	2010	IIIA	129	1	R	\$ 611,923				
Readyln	0965001	S2009-0030	1920468 01	Disconnect residential groundwater flows to sanitary sewers	2010	IIIA	139	1	P	\$ 1,331,000				
Everly	2115001	S2007-0141	1920344 01	Sewer rehabilitation	2007	IIIB	160	4	C	\$ 753,000				
										\$ 375,401,221			\$ 28,841,493	\$ 31,612,200
Project Status				Needs Categories										
Contingency -- C			I	Secondary Treatment										
Dropped -- D			II	Treatment more stringent than secondary										
Ready for Loan-- R			IIIA	Infiltration/Inflow rehabilitation										
Loan Signed -- L			IIIB	Major sewer system rehabilitation										
Planning Stage -- P			IVA	New collectors and appurtenances										
			IVB	New interceptors and appurtenances										
Green Projects			V	Correction of combined sewers										
(*indicates that a business case is required)			VI	Stormwater management programs										
Add Subs			VII	Non-point source control projects; subcategories below:										
				VIIA	Agricultural cropland sources									
				VII B	Animal sources									
				VII C	Silviculture									
				VII D	Urban sources									
				VII E	Groundwater protection (unknown sources)									
				VII F	Marinas									
				VII G	Resource extraction									
				VII H	Brownfields									
				VII I	Storage tanks									
				VII J	Landfills									
				VII K	Hydromodification									
				XII	Decentralized septic systems									

Environmental Protection Commission
Iowa Department of Natural Resources

ITEM

7

DECISION

TOPIC

Contract with the University of Iowa for IDNR SHL TMDL Contract

Recommendations:

Commission approval is requested for a [one] year-service contract with the State Hygienic Laboratory at the University of Iowa (SHL) to analyze water quality samples collected by Iowa DNR staff. The contract will begin on April 1, 2015 and terminate on May 15, 2016. The total amount of this contract shall not exceed \$149,661. DNR shall have the option to renew this contract as long as this contract and any extensions do not exceed a six-year period.

Funding Source:

This contract will be funded through the U.S. Environmental Protection Agency Clean Water Act Section 319 Funds; CFDA number 66.460 and section 106 funds; CFDA number 66.419.

Background:

The DNR Watershed Improvement section has been supporting the development of Total Maximum Daily Load models and documents by collecting water quality, biological and physical data in watersheds of interest for many years. This current contract is a continuation of this effort and the data collected will be used to identify the potential source(s) and magnitude of pollutants impacting targeted water bodies in the state of Iowa.

Purpose:

The parties propose to enter into this Contract for the purpose of retaining the Contractor to provide: analytical services for the TMDL monitoring program.

Contractor Selection Process:

The SHL was chosen as contractor based on the Code of Iowa (455B.103), which directs the DNR to contract with public agencies of the state. SHL was also chosen for this project due to their sample analysis expertise.

Contract History:

New contract

Jason Palmer
Natural Resource Biologist
Watershed Improvement Section, Water Quality Bureau
March 17, 2015

Attachment(s): Scope of Work from the Special Conditions for Contract

Obligation	Task Milestone Date
<p>Task 1: Water Quality Analysis</p> <p>Description:</p> <ul style="list-style-type: none"> • SHL shall analyze 2130 water samples for the following parameters: E. coli • SHL shall analyze 2010 sand samples for the following parameters: E. coli sand/soil • SHL shall analyze 300 water samples for the following parameters : Total phosphorus, ortho phosphate, chloride, total dissolved solids, total suspended solids, total volatile suspended solids • SHL shall analyze 170 water samples for the following parameters: ammonia, nitrate+nitrite, total Kjeldahl nitrogen, chlorophyll a 	<p>No later than April 1, 2016</p>
<p>Task 2: Data Transfer</p> <p>Description: SHL shall make the data generated pursuant to this Contract available to DNR electronically through the State Hygienic Laboratory OpenELIS database web portal. Data shall be available for download by DNR staff in a mutually agreeable format. The available sample information shall include the STORET station identification number, which will be provided by DNR for all station locations. Data shall be retrievable via the web portal by DNR staff.</p>	<p>Analytical chemistry data shall be made available to DNR staff no later than 15 calendar days following the end of the month of collection. If the contractor determines that extra time is needed to complete required analyses, then a written notification shall be made to the DNR submitter or contract manager. The notification shall include the reason for the delay and the specific analytical chemistry data requiring delayed reporting. The notification shall occur as soon as possible after the contractor has determined the need for a reporting delay.</p>

**Iowa Department of Natural Resources
Environmental Protection Commission**

ITEM

8

INFORMATION

TOPIC

Air Quality - Title V Fee Budget Review

The Department is providing the draft state fiscal year (SFY) 2016 Title V budget to the Commission for information. The Air Quality Bureau's (Bureau) Title V budget is summarized in the attachment for information. The Bureau's budget is comprised of Title V fees, federal grants, and state general fund revenues. This proposal relates only to the Title V fee portion of the Bureau's budget. The Commission will be asked to set the fee based on the program's budget by no later than the May meeting this year.

Program Background

The Title V program is required by the federal Clean Air Act as amended in 1990. The Clean Air Act requires states to charge fees sufficient to cover all reasonable direct and indirect costs required to develop and administer the Title V program requirements (42 U.S.C. 7661a). The Air Quality Bureau (Bureau) developed the Title V fee structure, including eligible program activities, with stakeholder collaboration in the early 1990s.

The Title V fee is calculated by dividing the estimated budget by the chargeable emissions as reported by facilities each March 31. The Bureau provides this information to the Commission no later than the May meeting. The Commission will be asked to set the fee based on the program's budget by no later than the May meeting this year. The Title V fees are due each July 1 and fund the activities for the entire year. For example, the Title V fees to be paid on July 1, 2015, are based on 2014 emissions and will fund SFY 2016, or July 1, 2015, to June 30, 2016.

What is a Title V operating permit?

A Title V operating permit is required for those facilities with potential emissions that exceed the major stationary source thresholds. A major stationary source is a facility that has the potential to emit 100 tons per year (tpy) or more of any air pollutant; or the potential to emit 10 tpy or more of any individual hazardous air pollutant; or the potential to emit 25 tpy or more of any combination of hazardous air pollutants.

Currently Iowa has 283 major stationary sources, also referred to as Title V facilities. Examples of Title V facilities include electric utilities, food and grain processors, manufacturing operations, natural gas pipelines, ethanol plants, and cement plants.

The Title V fee is based on the first 4,000 tons of each regulated air pollutant emitted each year from each major stationary source in the state. Regulated pollutants include: particulate matter less than 10 micrometers in diameter (PM₁₀), sulfur dioxide (SO₂), nitrogen oxides (NO_x), volatile organic compounds (VOC), lead (Pb), and hazardous air pollutants (HAP). Greenhouse

gas emissions are not subject to Title V fees. The fee is used to support the development and administration of activities associated with major sources subject to the Title V Operating Permit Program.

Summary of Current Year (SFY 2015) Changes to Date

The Department received an appropriation of \$1.4 million dollars from the State's Household Hazardous Waste account to address the Bureau's shortfall in SFY 2015. That special appropriation combined with \$513,000 in Title V funds carried forward allowed the Bureau to have a status quo services budget in FY 2015.

The reduction in fees continues to reflect the trend of reduced emissions primarily due to changes in fuel use from coal to natural gas and on-going implementation of federal regulations that reduce air emissions. Facilities that were previously required to be in the Title V program due only to greenhouse gas emissions are no longer subject to Title V unless other factors would trigger the requirement. Several facilities have requested to leave the program and receive a refund of the FY 2015 fees. The changes in Title V tonnage due to these requests to exit the program may not be known until spring 2015. The Bureau received unexpected additional personnel costs of approximately 1% in mid FY 2015 due to increased healthcare costs.

Changes within the Department regarding organization and assignment of Information Technology (IT) staff have impacted the implementation of the FY 15 budget and will impact the FY 2016 Budget. The State has consolidated many of the IT positions. Instead of a dedicated full-time position for SPARS work, a contractor has been hired to maintain the system.

Air Quality Stakeholder Group & Recommendations for Future Funding

The Iowa General Assembly provided a special appropriation to fund the shortfall for FY 2015 and established the Air Quality Stakeholder Group to study the air quality services provided and the funding of the air quality program (HF 2473, Iowa GA 85). The Stakeholder Group was comprised of representatives of large and small Iowa industries, local governments, and environmental interests. Stakeholder group members developed six recommendations for funding the air quality program for next year and beyond. The recommendations were included in a [report](#) submitted in December 2014 to the Iowa General Assembly, and presented to the Commission in January by the Bureau.

The recommendations included new user fees and additional State funds to generate ongoing operating revenue for the Bureau. New revenues from fees are needed to support the asbestos program, and application fees for operating permits, construction permits, and dispersion modeling. The report recommends that the Title V emission fees would continue to be calculated at \$56 per ton.

SFY 2016 Proposed Budget

The Bureau begins the budget cycle earlier than other parts of the Department to allow for stakeholder involvement. The Bureau met with a representative group of the Title V fee payers on January 7, 2015, to discuss the budget. An estimated or draft budget to cover the reasonable costs of administering the Title V program was prepared following these meetings.

The proposed budget is intended to allow the Department to continue to provide a status quo budget (same level of services). The Governor's budget released on January 13, 2015, included a requested appropriation of \$1,500,000 to provide funding for the same level of service for both major and minor source activities.

Summary

Personnel expenses include an estimated increase of 1.9% and an indirect rate of 13.1%. Contracts for professional services and state aid to Linn and Polk Counties are under negotiation and are anticipated to be on the agenda for approval at the June Commission meeting. The amounts listed in the draft budget are estimates only.

Between now and the May Commission meeting, the Bureau will refine the costs for personnel, the Department's indirect rate, contracts and agreements, accrued interest, the amount of savings from unspent funds, any federal program implementation requirements, and the reported chargeable emissions.

Jim McGraw, Environmental Program Supervisor
Program Development Section, Air Quality Bureau
Environment Services Division

Memo date: February 23, 2015

Draft FY 2016 Title V Budget

Title V Expenses (Cost Centers 1430, 3520, 7230, 7250, 7421)	SFY 2014 Actual	SFY 2015 Budget	Draft SFY 2016 Budget
FTE	56.25	56.25	56.25
Personnel	4,802,874	5,397,416	5,417,587
Travel in state	9,857	7,100	7,100
State vehicle	17,391	15,700	15,700
Depreciation	7,184	30,900	30,900
Travel out of state	12,835	11,000	11,000
Office supplies	7,639	5,600	5,600
Facility maintenance supplies	510	50	50
Equipment maintenance	5,289	6,000	6,000
Other supplies	2,845	1,100	1,100
Printing and binding	1,002	550	550
Uniforms	1,193	1,500	1,500
Postage	718	500	500
Communications	50,378	65,000	65,000
Rental	169,989	176,400	176,400
Monitoring utilities	23,860	40,000	40,000
UNI Small Business Assistance agreement	287,576	298,507	304,179
SHL agreement	1,367,972	1,426,322	1,453,422
Professional Services (Total)	1,655,548	1,724,829	1,757,600
Outside Services	66,961	35,000	35,000
Advertisement in publications	4,102	3,000	3,000
Reimbursement to other agencies	6,889	10,600	10,600
ITS reimbursement	273	750	750
Govt/Transfer Attorney General	30,000	30,000	30,000
Govt/Transfer DED - Env Liaison	20	0	0
Equipment	128,083	130,000	130,000
Equipment non-inventory	717	1,100	1,100
Other expenses	6,374	8,000	8,000
IT Equipment & software	52,189	140,000	140,000
IT Outside Services	0	0	75,000
Linn County Local Program Agreement	678,090	705,942	719,355
Polk County Local Program Agreement	679,575	711,128	724,639
State Aid (Total)	1,357,665	1,417,070	1,443,994
Indirect charges	572,697	603,372	679,811
Total Expenses	8,995,081	9,862,536	10,093,843
Title V Revenue			
Special Appropriation	0	1,390,900	0
Balance forward	888,723	512,845	700,000
Fund interest	16,939	20,000	15,000
Under and over payments	1,742	0	0
Title V fees	8,603,004	8,311,335	7,348,208
annual tons (est)	153,917	148,417	131,218
\$/ton	56.00	56.00	56.00
Total Revenue	9,510,408	10,235,080	8,063,208
Title V Revenues - Expenditures	515,327	372,544	-2,030,635

**Iowa Department of Natural Resources
Environmental Protection Commission**

ITEM

9

DECISION

TOPIC: Solid Waste Alternatives Program – Contract Recommendation

The Department received 10 proposals requesting \$566,909 in financial assistance during the January 2015, round of funding. The review committee selected seven (7) projects for funding for a total of \$507,532. Two (2) proposals recommended for funding are greater than \$25,000 awarding a total of \$440,447 in a combination of forgivable, zero percent and 3 percent loans.

The review committee consisted of five persons representing the Land Quality Bureau (2), Iowa Society of Solid Waste Operations (1), Iowa Recycling Association (1), and the Iowa Waste Exchange (1).

At this time, the Department is requesting Commission approval to enter into a contract with the selected applicants.

A description of the recommended projects, the project type, and the amount and type of funding assistance is attached.

Tom Anderson, Executive Officer II
Land Quality Bureau
Environmental Services Division

Attachment

a) Proposal description

February 23, 2015

SOLID WASTE ALTERNATIVES PROGRAM - PROPOSAL RECOMMENDATIONS

City of Council Bluffs
209 Pearl Street
Council Bluffs, Iowa 51503

Forgivable Loan: \$20,000
0% Loan: \$150,000
Total Award Amount: \$170,000

Cash Match: \$250,000
Total Project Cost: \$420,000

Project Title: Recycling Program Expansion

Contact: Tony Fiala **Phone:** 712-328-4985

Project Type: Best Practices

Applicant: Local Government

Description: The City of Council Bluffs is proposing to improve and expand their recycling program through the installation of a new baler and conveyor system as well as adding new materials to the list of accepted materials at the recycling center for processing and marketing.

The funding assistance request is for a new baling system that will increase hourly throughput and provide a higher per bale compaction rate resulting in greater operational and transportation efficiencies. The new baling system will also allow accepting new recyclables, mixed rigid plastics and vinyl siding. In addition, the recycling center will also begin accepting recyclables from surrounding counties to be processed, baled and marketed.

Funding is requested for the purchase and installation of a new baler and in-feed conveyor belt.

The project is expected to increase recycling tonnage by 1,155 tons annually through the combination of accepting curbside materials from outlying areas and adding mixed rigid plastics and vinyl siding to the local recycling stream.

Service Area: Primary service area is the Southwest Iowa Solid Waste Association (Pottawattamie, Mills and Montgomery Counties)

Big Ox Energy
13395 Bell Avenue
Riceville, Iowa 50466

Forgivable Loan: \$20,000
0% Loan: \$150,000
3% Loan: \$100,447
Total Award Amount: \$270,447

Cash Match: \$90,150
Total Project Cost: \$360,597

Project Title: Recycling Program Expansion

Contact: Kevin Bradley **Phone:** 920-615-5246

Project Type: Best Practices

Applicant: Private For Profit

Description: The applicant operates an anaerobic digester for such organic wastes as off-spec food, fats, oils, grease, meat packing waste and other organic materials. The resulting bioliquids, biosolids, and biogas are marketed for beneficial use as soil amendments and energy production. Financial assistance is being requested to add a depackaging separator system at the Riceville Iowa facility in order to capture organic wastes currently being landfilled.

There is currently no alternative to landfilling for packaged waste food items in the state. Packaged food becomes waste for a variety of reasons including refrigeration failing to keep food items at an acceptable temperature, food product on store shelves not being sold by a specific date, package labels that did not print correctly, accidents while food items are being transported, etc.

The proposed depackaging system will provide an alternative to landfilling by creating a cost competitive outlet while generating marketable biobased liquids, solids and gas. Anaerobic digestion of organic wastes eliminates the generation of methane while organic wastes decompose in a landfill. The addition of this new organic waste stream will assist in filling the existing capacity of the anaerobic digester bringing it to full production.

The goal during the startup phase of the project is to collect and process 3,000 tons in the first year with annual 25% increases through newly formed generator partnerships as well as additional marketing and outreach to other organic waste generators.

Service Area: Primary service area is northeast and north central Iowa

**Iowa Department of Natural Resources
Environmental Protection Commission**

ITEM

10

DECISION

TOPIC

Adopted and Filed – Rescission of Obsolete Solid Waste Chapters and Rules

The Commission is requested to approve this Final Rule.

The following chapters and rules were identified for rescission through the five year rule review as per Iowa Code section 17A.7(2). All of these items were identified as being obsolete and their rescission will have no impact to current programs or to public health, safety or the environment.

The following actions are being taken:

- **567 IAC chapter 107** Beverage Container Deposits:
 - 567 IAC 107.1: Rescind the second un-numbered paragraph, which refers to a repealed statute.
 - 567 IAC 107.2: Rescind redundant definitions and correct cross-references.
 - 567 IAC 107.16: Rescind the rule which is for the implementation of a grant program that is no longer funded.
- **567 IAC chapter 110** Hydrogeologic Investigation and Monitoring Requirement; rescind and reserve the chapter. Provisions of this chapter have been incrementally incorporated into other individual landfill chapters and it no longer applies to any sanitary disposal projects currently permitted by the DNR.
- **567 IAC chapter 112** Sanitary Landfills: Biosolids Monofills; rescind and reserve the chapter. This chapter is no longer implemented because there are no landfills that accept only biosolids in Iowa.
- **567 IAC chapter 210** Beautification Grant Program; rescind and reserve the chapter. The funding for this program expired on June 30, 2014.
- **567 IAC chapter 218** Waste Tire Stockpile Abatement Program; rescind and reserve the chapter. This program was funded through a surcharge on vehicle titles which expired at the end of fiscal year 2007.

A public hearing and comment period was held, however no comments were received. The amendments are identical to those published as a Notice of Intended Action.

The Commission is asked to approve the attached Final Rule.

Theresa Stiner, Environmental Specialist Senior
Solid Waste, Land Quality Bureau
Environmental Services Division

February 23, 2015

ENVIRONMENTAL PROTECTION COMMISSION[567]

Adopted and Filed

Pursuant to the authority of Iowa Code sections 455B.304, 455C.9, 455D.7(1), and 455E.9(1), the Environmental Protection Commission hereby amends Chapter 107, “Beverage Container Deposits,” and to rescind Chapter 110, “Hydrogeologic Investigation and Monitoring Requirements,” Chapter 112, “Sanitary Landfills: Biosolids Monofills,” Chapter 210, “Beautification Grant Program,” and Chapter 218, “Waste Tire Stockpile Abatement Program,” Iowa Administrative Code.

This rule making results from the comprehensive five-year rules review that the Department of Natural Resources (Department) is currently undertaking pursuant to Iowa Code section 17A.7(2). The goal of the review is to identify and eliminate rules that are outdated, redundant or inconsistent with statute or other rules. This proposed rule making will eliminate unnecessary and unused verbiage and correct cross references, thus simplifying the rules of the Commission and making them easier to use and understand.

Amendments to Chapter 107, Beverage Container Deposits.

- The second unnumbered paragraph of rule 567—107.1(455C) relates to Iowa Code section 455C.8, which was repealed in 2013. Therefore, rescission is proposed for the paragraph.

- The definitions of “alcoholic beverage,” “alcoholic liquor,” “beer,” and “wine” in rule 567—107.2(455C) are unnecessarily redundant given the definitions cross-referenced in the definition of “beverage” in rule 567—107.2(455C) (see Iowa Code section 123.3). Therefore, rescission of these definitions is proposed.

- The definition of “beverage” in rule 567—107.2(455C) is proposed for rescission in order to be replaced with a new definition of “beverage” that updates the

cross references to the definitions of “alcoholic liquor,” “beer,” and “wine” in Iowa Code section 123.3. In addition, the proposed new definition of “beverage” includes a cross reference to the definition of “high alcoholic content beer” in Iowa Code section 123.3. The new definition of “beverage” also lists all referenced items from Iowa Code section 123.3 in alphabetical order.

- Rule 567—107.16(82GA, HF2700) provides means for managing a grant program for beverage container redemption centers under Iowa Code section 455C.17. The grant program was funded once in 2008. No funding has been appropriated since, and additional funding is not anticipated. If the grant program is ever funded again, it is likely that starting over with new administrative rules fashioned for the circumstances at that time would be beneficial. Therefore, this rule is proposed for rescission.

Rescission of Chapter 110, Hydrogeologic Investigation and Monitoring Requirements. Provisions of this chapter have been incrementally incorporated into other individual landfill chapters and no longer apply to any sanitary disposal projects currently permitted by the Department. The chapter is obsolete and does not serve the purpose for which it was originally drafted.

Rescission of Chapter 112, Sanitary Landfills: Biosolids Monofills. This chapter is no longer implemented because there are no landfills that accept only biosolids in Iowa. Should a facility decide to construct a landfill to accept biosolids, the existing Chapter 113 for municipal solid waste landfills would be applicable.

Rescission of Chapter 210, Beautification Grant Program. The funding for this program expired on June 30, 2014. There is no longer a need for this chapter.

Rescission of Chapter 218, Waste Tire Stockpile Abatement Program. This program was funded through a surcharge on vehicle titles; however, the funding expired at the end of fiscal year 2007. Iowa Code section 455D.11F, cited as the authority for this

chapter, was repealed in 2004. The correct statutory authority for this chapter is Iowa Code section 455D.11C(2)“d.” Although there are still stockpiles of waste tires, without funding, this program cannot continue.

Notice of Intended Action was published in the Iowa Administrative Bulletin as **ARC 1823C** on January 21, 2015. A public hearing was held on February 18, 2015. No public comment was received. The amendments are identical those published as a Notice of Intended Action. The Environmental Protection Commission adopted these amendments on March 17, 2015.

After analysis and review of this rule making, no impact on jobs has been found. These amendments are intended to implement Iowa Code chapter 455C and sections 455B.304, 455D.11C and 455E.11

These amendments will become effective May 20, 2015.

The following amendments are adopted.

ITEM 1. Rescind the second unnumbered paragraph in rule **567—107.1(455C)**.

ITEM 2. Rescind the definitions of “Alcoholic beverage,” “Alcoholic liquor,” “Beer” and “Wine” in rule **567—107.2(455C)**.

ITEM 3. Rescind the definition of “Beverage” in rule **567—107.2(455C)** and adopt the following **new** definition in lieu thereof:

“*Beverage*” means alcoholic liquor or intoxicating liquor as defined in Iowa Code section 123.3(5), beer as defined in Iowa Code section 123.3(7), high alcoholic content beer as defined in Iowa Code section 123.3(19), wine as defined in Iowa Code section 123.3(47), and mineral water, soda water or similar carbonated soft drinks in liquid form intended for human consumption.

ITEM 4. Rescind and reserve rule **567—107.16(82GA, HF2700)**.

ITEM 5. Rescind and reserve **567—Chapter 110**.

ITEM 6. Rescind and reserve **567—Chapter 112.**

ITEM 7. Rescind and reserve **567—Chapter 210.**

ITEM 8. Rescind and reserve **567—Chapter 218.**

**Environmental Protection Commission
Iowa Department of Natural Resources**

ITEM

11

DECISION

TOPIC

Contract with University of Iowa for Rathbun Watershed Monitoring

Recommendations:

Commission approval is requested for a 1 year-service contract with the University of Iowa of Iowa City, IA. The contract will begin on March 23, 2015, and terminate on April 30, 2016. The total amount of this contract shall not exceed 32,989.68. DNR shall have the option to renew this contract long as this contract and any extensions do not exceed a six-year period.

Funding Source:

This contract will be funded through the Rathbun Land and Water Alliance (\$30,000) and state funds through the Environment First Fund (up to \$2,989.00).

Background:

The parties are entering into this contract to provide the Rathbun Land and Water Alliance and the DNR with stream monitoring data for the Rathbun Lake watershed in southern Iowa. Monitoring in this watershed began in the late 1990s with the purpose of better understanding and addressing nutrient and sediment loading to Rathbun Lake and targeting and monitoring the success of best management practices implemented in the watershed. The 2015 monitoring efforts are a continuation of efforts previously undertaken by the project partners.

Purpose:

The parties propose to enter into this Contract for the purpose of retaining the Contractor to provide: water quality monitoring information to the DNR and Rathbun Land and Water Alliance. Data collected will be utilized to measure the success of best management practices installed through the 319 watershed improvement program, to evaluate the loading of pollutants to Rathbun Lake, and to complete bi-annual assessments required under the Clean Water Act. .

Contractor Selection Process:

The University of Iowa was chosen using the Inter-governmental agreement process. The University of Iowa was chosen for this project because they have completed work on this watershed previously.

Contract History: (if EPC)

This a new contract for monitoring, although the tasks incorporated into this contract have been included on previous contracts with the University of Iowa for monitoring within the Rathbun Lake watershed. Event-based monitoring (like the monitoring included in the proposed 2015 contract) began in the Rathbun watershed in 2011, with a contract between the DNR and the University of Iowa for ambient twice monthly grab sample monitoring and precipitation event-based monitoring not to exceed \$56,108.16. Monitoring continued using this approach in 2012, with a contract approved for \$87,970.32. An intensive in-lake and watershed monitoring study with conducted in 2013-2014 with the University of Iowa, including a contract for \$317,373.12. Under this intensive study, samples were collected year-round on a high frequency basis. Monitoring was also conducted in the lake in 2014, and the total number of precipitation event-based samples was increased to better estimate pollutant loads from rain events. Monitoring data collected under the 2013-2014 agreement utilized special section 106 funds and data are currently being used to develop a robust TMDL (Watershed Improvement Plan) for the Rathbun Lake and watershed. A TMDL is required for all impaired watershed (category 5a) in the state under the Clean Water Act. Monitoring in 2015 will focus solely on events (data collected during and shortly after periods of heavy rain), to better estimate loads of pollutants to Rathbun Lake, given that the majority of the annual loads for phosphorus and sediment are transported to the lake during a few heavy rainfall events. A number of services, including the ambient grab sample monitoring and in-lake monitoring, have been removed from the proposed 2015 contract to reduce overall monitoring costs.

Roger Bruner

Water Quality Monitoring and Assessment Section Supervisor

Obligation	Task Milestone Date
<p>Task 1: Quality Assurance/Quality Control Description: Contractor shall submit information on data quality requirements and assessments (such as detection limit, quantitation limit, estimated accuracy and accuracy protocol, estimated precision and precision protocol) to DNR for any sample upon request. Information on the analytical reference method, sample preservation and holding time also shall be provided if requested. Contractor shall provide copies of revised Methods Manuals and Standard Operating Procedure Manual to the DNR upon request. Copies of manual and procedures shall be available from the laboratory.</p>	<p>No later than 30 days after a request has been made by DNR.</p>
<p>Task 2: Sample collection and analysis Description: Contractor shall install an ISCO automated sampler at each of the sites outlined in Table 1. Contractor shall collect one composited sample from each site for a maximum of 10 event trips (1 or 2 samples may be collected for each trip, depending on where samplers trigger within the watershed). Samples shall be collected after installation of equipment between April 1, 2015, and October 31, 2015, unless temperatures prohibit sample collection prior to the end of October or all 10 events have been collected earlier in the sampling season. The contractor shall maintain the sampling equipment throughout the monitoring season so that it remains in good working order utilizing the budget outlined in section 7.3 of this Contract. Up to 5 maintenance trips to service ISCO samplers shall be completed as a part of this task as needed. Retrieval of the ISCOs shall be completed at the end of the monitoring season or after 10 events have been collected, whichever comes first. No more than one set of samples shall be collected from the automated samplers per week, and no event sample collection shall occur without prior approval from DNR. Contractor shall composite samples according to DNR's instructions. All samples shall be coded as RATHBUN. Contractor shall analyze the composited samples collected under this task for the analytes listed in Table 2. For analytical results below the quantitation limit, the test quantitation limit shall be reported as "less than."</p>	<p>No later than October 31, 2015 or after 10 events have been collected.</p>
<p>Task 3: Data Transfer Description: SHL shall make the data generated pursuant to this Contract available to DNR electronically through the State Hygienic Laboratory OpenELIS database web portal. Data shall be available for download by DNR staff in a mutually agreeable format. The available sample information shall include the STORET station identification number, which will be provided by DNR for all station locations. Data shall be retrievable via the web portal by DNR staff.</p>	<p>Analytical chemistry data shall be made available to DNR staff no later than 15 calendar days following the end of the month of collection. If the contractor determines that extra time is needed to complete required analyses, then a written notification shall be made to the DNR submitter or contract manager. The notification shall include the reason for the delay and the specific analytical chemistry data requiring delayed reporting. The notification shall occur as soon as possible after the contractor has determined the need for a reporting delay.</p>

Table 1. Monitoring Locations

Station Name	Station Location	UTM Coordinates	STORET #
RA-12	South Fork Chariton River at CR S50/200th St	X: 483735, Y: 4516639	15930001
RA-45	Chariton River at USGS station 06903400	X: 478131 Y: 4533448	not established

Table 2. Event Monitoring Analytes

Nitrogen series: total ammonia nitrogen as N, nitrate + nitrite nitrogen as N, total Kjeldahl nitrogen as N
Phosphorous Series: Orthophosphate as P, Total Phosphate as P
Total Suspended Solids
Chloride
Total Dissolved Solids
Manual Flow measurement (Field)