

MINUTES
OF THE
ENVIRONMENTAL PROTECTION COMMISSION
MEETING
MARCH 18, 2014

IOWA DEPARTMENT OF NATURAL RESOURCES
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 10:02 a.m. on March 18, 2014 in the DNR Hickman facility in Windsor Heights, Iowa.

COMMISSIONERS PRESENT

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

COMMISSIONERS ABSENT

- Brent Rastetter
- Max Smith, Vice-Chair

ADOPTION OF AGENDA

Motion was made by Bob Sinclair to amend the agenda to host agenda item #15 directly after Public Comment. Seconded by Nancy Couser. Motion carried unanimously.

APPROVED AS AMENDED

APPROVAL OF MINUTES

Motion was made by Gene VerSteeg to approve the February 18, 2014 EPC meeting minutes. Seconded by Bob Sinclair. Motion carried unanimously.

APPROVED AS PRESENTED

DIRECTORS REMARKS

Deputy Director Bruce Trautman reported Director Gipp was unable to attend the EPC meeting to meet with Legislators regarding future funding of the Air Quality Bureau.

Deputy Director Bruce Trautman shared with the Commission complimentary remarks he received at a national conference regarding the DNR and EPC work towards implementing Iowa's Nutrient Reduction Strategy and the EPA AFO Workplan.

INFORMATION

AIR QUALITY - TITLE V FEE BUDGET REVIEW

Wendy Walker, Environmental Specialist Senior of the Program Development section of the Air Quality Bureau presented the following item.

The Department provided the draft state fiscal year (SFY) 2015 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.

The proposed budget is intended to allow the Department to continue to provide the same level of services. Governor Branstad has requested an appropriation of \$1,872,000 to provide funding for the same level of service for both major and minor source activities. The Governor's proposed budget also includes a request of \$200,000 to support reviews of air construction permit applications that are on backlog.

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.

Budget Development

The Bureau begins the budget cycle earlier than other parts of the Department to allow for stakeholder involvement. The Bureau began preparing estimates of the upcoming budget in October 2013 and met with a representative group of the Title V fee payers in November 7, 2013, to discuss the budget. The Bureau also discussed budget issues with various stakeholders in meetings following the November 2013 meeting. An estimated or draft budget to cover the reasonable costs of administering the Title V program was prepared following these meetings.

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 program for the entire year. For example, the Title V fees to be paid on July 1, 2014, are based on 2013 emissions and will fund the program for SFY 2015, or July 1, 2014, to June 30, 2015.

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; or the potential to emit equal to or greater than 100,000 tpy CO₂e, and 100 tpy greenhouse gas mass basis are now subject to Title V program.

Currently Iowa has 286 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

Personnel expenses include an estimated increase of 1.9%. 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. Communications and other miscellaneous office expenses have been reduced to reflect prior year or anticipated expenses. IT expenses have been reduced to reflect anticipated expenses.

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.

Commissioner Gene Ver Steeg inquired into the impact for industries with relation to greenhouse gas regulations. Jim McGraw shared with the Commission that there is no financial impact to industry because the State of Iowa does not charge fees for greenhouse gas emissions. Catharine Fitzsimmons shared with the Commission industries are utilizing best control technologies for new projects even though no specific control technologies are required at this point.

Commissioner Bob Sinclair inquired into the cost per ton per pollutant. Wendy Walker shared with the Commission the price per ton is the same for all pollutants.

Commissioner Nancy Couser shared with the Commission that industry efficiencies to reduce air pollutants will financially affect the program.

INFORMATION

CONTRACT WITH THE UNIVERSITY OF IOWA FOR IDNR SHL TMDL CONTRACT

Jason Palmer, Natural Resource Biologist of the Watershed Improvement Section of the Iowa Geological and Water Survey 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 to analyze water quality samples collected by Iowa DNR staff. The contract will begin on April 1, 2014 and terminate on March 15, 2015. The total amount of this contract shall not exceed \$82,463.40. DNR shall have the option to renew this contract as long as this contract and any extensions do not exceed a six-year period.

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

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.

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

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.

Jason Palmer distributed maps to the Commissioners showing the TMDL Lake projects.

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

APPROVED AS PRESENTED

CONTRACT – CITY OF DES MOINES – EASTER LAKE WATERSHED PROJECT PHASE 1

Rachel Glaza, Environmental Specialist of the Watershed Improvement Section of the Iowa Geological and Water Survey Bureau presented the following item.

The Department requested Commission approval of a contract in the amount of \$500,000 with the City of Des Moines for about three years (34 months) to implement best management practices in the Easter Lake Watershed. This project will be funded through Section 319 of the Clean Water Act and State of Iowa Lakes Restoration funds. Federal – Environmental Protection Agency Section 319 (\$252,023) and State of Iowa – Lakes Restoration (\$247,977)

Watershed Implementation Grants from the Iowa DNR Watershed Improvement Program are intended to put an EPA nine-element Watershed Management Plan (WMP) into action by providing local watershed groups access to federal Section 319 grant dollars. These WMPs must target nonpoint source pollution and must be consistent with Iowa's recently updated State Nonpoint Source Management Program (NPSMP).

Easter Lake suffers from poor water clarity, algal blooms, high sedimentation rates, low oxygen concentrations, and a poor fishery. Since construction of the lake in 1967 the water volume has decreased by nearly 30% as a result of sediment being deposited in the lake. In response to these water quality problems, area stakeholders worked together to develop the Easter Lake Water Quality Management Plan (WQMP). The WQMP serves as the culmination of existing studies, citizen and stakeholder input, and a consultant's recommendations for structural and non-structural BMPs intended to reduce stormwater runoff and delivery of pollutants from the watershed and ultimately renovate Easter Lake through dredging and other in-lake improvements.

On October 14, 2013, the Environmental Protection Commission approved a \$415,786 contract between the Department of Natural Resources and the Department of Agriculture and Land Stewardship – Division of Soil Conservation for the Easter Lake Watershed Project Phase One that funds project coordinator staff, information/education and urban stormwater practices within the watershed.

This contract with the City of Des Moines will provide funding for best management practices within the sections of Yeader Creek and Ewing Park. The City of Des Moines is providing approximately \$500,000 for these best management practices and it was determined that contracting directly with the City for this portion of the grant was appropriate, since the City is willing and capable of leading this particular effort.

This contract will provide funding for sections of Yeader Creek, YC-14 and YC-8. The practices installed will be a variety of stream bank stabilization and grade control structures, rock chutes and toe rock for stream stability and erosion control.

Bioswale practices will be installed at Ewing Park to assist in enhanced infiltration of water and water storage prior to draining to Easter Lake.

The parties propose to enter into this contract for the purpose of implementing watershed improvement practices.

The Department enters into this agreement with the City of Des Moines pursuant to the intergovernmental agreement provision of 11 IAC 118.4. The Easter Lake Watershed Project was chosen using a competitive review process.

Commissioner Mary Boote inquired into the type of practices that will be utilized to slow the water in the watershed. Rachel Glaza provided the Commission with preliminary drawings of the project which creates puddles of water through the watershed where sediment can settle before reaching the lake. Additional areas of the watershed will have rock along the banks to stabilize bank erosion.

Commissioner Bob Sinclair inquired into the life cycle of the project. Rachel Glaza shared with the Commission the structures have about a 20 year life cycle and the City of Des Moines will maintain them.

Commissioner Mary Boote inquired into the number of phases for the watershed management plan. Rachel Glaza stated the information before them was Phase 1 of 3 with each phase lasting approximately 3 years.

Commissioner Nancy Couser inquired how success is defined for the watershed project. Rachel Glaza replied that the partners develop calculations of sediment and nutrient volume prevented from entering the lake.

Commissioner Mary Boote asked for updates and possible tours of the project.

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

APPROVED AS PRESENTED

PUBLIC PARTICIPATION

Justine Stevenson – Iowa Cattleman Association

Justine Stevenson shared with the Commission the Iowa Cattleman's Association has over 10,000 members and supports the amendments to Chapter 64 & 65. The State of Iowa has 92,000 farms of which 90% are family owned farms. The ICA promotes industry safeguards and educational practices to protect land and water quality. Regardless of animal feeding operation size, if there is no discharge a permit is not required. EPA accepted the proposed rules. Iowa state code does not allow state law to be stricter than federal law. These amendments allow a case by case review rather than a one size fits all approach.

Steve Rehder – Producer

Steve Rehder stated that he is in favor of amendments of Chapter 64 and 65. He is a family farmer with a son who will be the 5th generation raising cattle, hogs, and crops. About 8 years ago, he asked the DNR to evaluate his facility and the DNR provided good recommendations. To protect the soil and creek, the farm invested \$10,000 to further protect the environment. In his experience the DNR staff was fair. The proposed rules have been approved by the EPA and are not stricter than the federal laws. While canoeing in his area, he has seen fish in the waters. Iowa's environment will continue to improve with these laws. He asked the Commission to approve the rules.

Craig Moss – Producer

Craig Moss shared with the Commission he is a 4th generation family farmer and expressed his appreciation for the work the Commission does. The amendments to Chapter 64 and 65 will allow their farm to be good stewards of the land and provide a sustainable environment for future generations. Livestock is an important way for the next generation to continue to farm. The changes in front of the Commission are good for the quality of soil and water. The annual inspection of the lagoon by the DNR was thorough and a quality inspection.

Gene Vameer – Producers

Gene Vameer stated that he is a 5th generation family farmer with future 6th and 7th generations on the farm. Has implemented a number of practices over the years from recommended practices by NRCS and DNR. He currently does not have a NPDES permit. The creek near his home had a fish kill and the DNR was unable to find the cause. His kids play in that creek and he wants it to be clean. An NPDES permit for all operations would financially threaten his operation. He is concerned that many smaller farms would be run out of business and larger corporate operations move in because they can't afford the financial requirements of an NPDES permit.

Curtis Meir – Producer

Curtis Meir shared with the Commission he was the past president of the Iowa Pork Producers. He described the activities on his family farm with hogs, cattle, and crops. He described best practices his farms implement with cover crops, no till, and other practices. He thanked the Commission for the work they do.

Jamie Schmidt – Producer

Jamie stated that he is a livestock producer in north central Iowa and the president of the Iowa Pork Producers. He lives next to his livestock facilities. He thanked the Commission for using scientific methods in protecting the environment and for making considerations for business in Iowa. The DNR inspections review the site and manure management plans to ensure the facility is in good condition. The DNR does the best job they can to protect the environment. He hopes his nephews will be the next generation to take over the farm but doesn't want too many regulations to scare young farmers away.

Chris Gruenhagen – Iowa Farm Bureau

Chris Gruenhagen thanked the Commission for their commitment and work for the environment. She distributed the Iowa Code provision requiring Iowa rules to not be stricter than federal law. Another handout showed charts of declining discharges by large operations from the DNR database. She thanked the DNR for the work on the EPA workplan and the rules.

Randy Dreher – Producer

Randy Dreher stated that he is a 5th generation farmer of a century farm. Farmers and agriculturalists must have practices like waterways, buffer strips, no till, etc. to ensure future generations have resources. Some practices are supported or cost shared by partners and some practices are fully provided by the farmer. For his farm, the environmental practices fit with his business and have financial benefits. In every industry, there are bad actors but their actions should not be applied to the entire industry. The bad actors should be dealt with and handled appropriately.

Brenda Brink – Iowa Citizens for Community Improvement

Brenda Brink shared with the Commission ICCI includes health professionals, farmers, teachers, and many other Iowans. The track record shows when EPA examined the DNR it was not adequate. The track record speaks for itself which drives ICCI to stand up for clean water. The DNR has decided there is no reason to change even though the EPA has disagreed. The DNR rules will continue to keep the gray area which is not fair to anyone. We need to strengthen the rules so we know what to expect with increasing spills. The factory farms have too much untreated manure, improper inspections, need adequate fines and penalties. The DNR database is not transparent. The citizens of Iowa needs to know the DNR and EPC are doing their job.

Jim Yunglass – Iowa Citizens for Community Improvement

Jim Yunglass shared with the Commission he grew up on a family farm. He worked 23 years at the county extension in Dickinson County. After retirement, he moved back to family farm which has a river running through the property. A poultry facility up stream received an economic development grant to maintain business. After the poultry farm expansion, the water quality of the river has become poor. PBS and public television ran an episode of Ding Darling who was an environmental steward and sat on commissions. Now we have stakeholders on commissions guiding regulation for the industry rather than the environment.

Evan Burger – Iowa Citizens for Community Improvement

Evan Burger stated the DNR is not doing its job. Incorporating the EPA rules into Iowa law is just doing the minimum. The case by case rulings is just another way to say any factory farm can fix anything without a permit. The DNR is inspecting 5000 facilities over the next 5 years and if there are no permits from those inspections, it will be a waste of time. If you discharge, you need a permit.

Jim Walters – Iowa Citizens for Community Improvement

Kim Walters shared with the Commission he is a retired farmer and member of a number of environmental advocacy groups. The last time he spoke to the Commission, he encouraged accountability for environmental actions. He has thus been traveling and noticed on the roadways all the signs for seat belts, construction zones, etc. These signs set the expectations. OMVUI problems have dropped off because of specific regulations and tough enforcement. Voluntary compliance is not effective to get people to do the right thing. Punishing farmers who are doing the right thing is not the intention. The regulations should be targeted for those who are not following the rules. When there is pollution, the polluter should bear the cost of clean up rather than the tax payers.

Vern Tigges – Iowa Citizens for Community Improvement

Vern Tigges stated he is a retired farmer from Carroll County who has moved to Adel. The transparency of reporting for the DNR database is not in line with the goals of the Clean Water Act. ICCI presented a letter to the DNR a few weeks ago that he read to the Commission and then submitted to the Commission

Lee Barclay – Iowa Citizens for Community Improvement

Lee Barclay asked the Commission to put a moratorium on all future hog confinements. He also asked for a cleanup fund be developed and funded by hog producers so taxpayers don't have to pay for spills.

Lynn Burgett – Iowa Citizens for Community Improvement

Lynn Burgett shared with the Commission all Iowa factory farms should have a permit to prevent manure spills. She asked for better inspections by the DNR, tougher fines for those who do have a spill, and a current database that has all files online available to the public. She is from Ankeny and uses Des Moines Water Works, including increased costs to run the nitrate removal system.

Hazel Zimmerman – Iowa Citizens for Community Improvement

Hazel Zimmerman stated she is from a rural area outside of Norwalk and has watched the past 43 years the water quality of Iowa go down. The Clean Water Act should have improved the water but the enforcement of the Act hasn't been keeping up. She enjoys cheap pork but is willing to pay higher prices for better water quality. All the information in a DNR database should be available to the public online without having to file a freedom of information request.

Jess Mazour – Iowa Citizens for Community Improvement

Jess Mazour asserted almost every month when ICCI arrives, their comment time is reduced. The industry has been able to go over their comment time 30-45 seconds per person compared to ICCI members who get a gavel when 1 second over. Every factory farm in Iowa needs a clean water permit. Good or bad farms, it doesn't matter because the system will fail when pipes break and honey wagons tip over. The DNR needs to provide good inspections to catch a spill before it happens. An inspection a month prior to a spill occurring is not acceptable. Tough fines for polluters need to be enforced. The system is broken when it is financially beneficial to receive the fine rather than improving their facility. What comes down the river is not healthy. A database is needed because the cost of a FOIA requests are more than Commissioner VerSteeg paid for his manure spill.

Deborah Bunka – Iowa Citizens for Community Improvement

Deborah Bunka shared with the Commission the cases of manure spills over the past few years have increased. It has been said there is a misinformation campaign but ICCI's stats come from the DNR. The Commission and DNR have suffered from political controls. Every factory farm needs a clean water permit. Good inspections are necessary to catch and fix problems before a manure spill. Tough fines are needed for polluters. An accessible database is a first step for providing oversight. She believes most people wish to protect the environment and strong rules will provide clarity for all players without the gray area.

Sparky Wellman – Producer

Sparky Wellman shared with the Commission she is from southeast Iowa and is a cattle, pasture, and tree farmer. She thanked the Commission for the time dedicated to issues with an open mind. DNR, EPA, and Groups developed a plan by giving a little to everyone without anyone getting more for Iowa's future. We have come a long way in water quality compared to older days with cholera. A cookie cutter regulation will not work but rather regulation that meets the unique needs of each industry be it grapes/wine, hogs, crops, etc.

End of Public Comment

NOTICE OF INTENDED ACTION: CHAPTERS 64 AND 65-AMENDMENTS REQUIRING CAFOs TO COMPLY WITH NPDES PERMIT REQUIREMENTS

Randy Clark, Attorney of the Legal Services Bureau presented the following item.

The Iowa Legislature directed the Commission to adopt rules requiring confinement feeding operations that are concentrated animal feeding operations (CAFOs) to comply with applicable National Pollutant Discharge Elimination System (NPDES) permit requirements. These rules “shall be no more stringent” than the requirements in U.S. EPA’s rules set out in 40 CFR Parts 122 and 412. See Iowa Code §459.311(2). Adoption of the proposed rule is also required by the Work Plan entered into between the Department and U.S. EPA on September 11, 2013. Pursuant to the Work Plan, the Department is required to recommend to the Commission that it “incorporate by reference the federal regulations necessary to fully implement the NPDES permitting program for confinement CAFOs that discharge to waters of the U.S.” To meet these requirements, the Department has drafted a proposed rule that incorporates by reference U.S. EPA’s CAFO rule. See Item 7 of the attached draft Notice of Intended Action (NOIA). In recommending adoption of the federal CAFO rules, the Department is also recommending to the Commission that it rescind the outdated term “operation permit” from the confinement feeding operation rules. See Items 2, 5 and 6 of the attached draft NOIA. The proposed amendments eliminate the need for “operation permits” in the confinement animal feeding operation program.

In addition, the proposed amendments also incorporate the Work Plan requirement that the Department recommend to the Commission that it “adopt by reference federal regulations that fully implement the NPDES permitting program with respect to land application setback and separation distances for open feedlot CAFOs.” To meet this requirement, the Department drafted a proposed rule that incorporates by reference the federal setback requirements. See Item 8 of the attached draft NOIA. To ensure equivalency with the open feedlot program, the Department is also proposing that the Commission adopt this setback requirement for confinement feeding operations as well. See Items 3 and 4 of the attached draft NOIA.

Lastly, to assist stakeholders in understanding how the basic NPDES permitting requirements in 567 IAC Chapter 64 apply to the more specific requirements for CAFOs in 567 IAC Chapter 65, the Department is recommending changes to the existing rule that outlines how these two chapters work in conjunction with each other regarding NPDES CAFO permits. See Item 1 of the attached draft NOIA.

By letter dated January 23, 2014, U.S. EPA Region 7 informed the Department that the proposed amendments “meet the requirements ... of the Work Plan and ensure that Iowa’s NPDES authorities are consistent with federal requirements.”

Commissioner Nancy Couser encouraged the Department to develop one-page summaries of the rule changes so producers and citizens better understand the rule changes.

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

APPROVED AS PRESENTED

SOLID WASTE ENVIRONMENTAL MANAGEMENT SYSTEM PROGRAM'S GRANT AWARD CRITERIA-UPDATE

Jennifer Wright, Supervisor of the Financial & Business Assistance Section of the Land Quality Bureau presented the following item.

The Department requested Commission approval of the revised criteria for determining grant awards to solid waste planning areas that have been accepted into the Environmental Management System (EMS) Program. The authority for Commission approval for this criteria is provided in Code of Iowa Subsection 455J.7(3). This provision states that the Solid Waste Alternatives Program Advisory Council, in making recommendations as to the allocation of moneys appropriated to the EMS Program, shall adopt and use a set of reasonable criteria that shall be approved by the commission.

Funding Source:

The funds for the EMS grants are authorized in Code of Iowa Subparagraph 455E.11(2)"a"(1). The source of the funding is that portion of the remitted solid waste tonnage fees deposited into the Solid Waste Alternatives Program (SWAP) account and is earmarked for use by the EMS program.

Background:

In 2008, the Iowa Legislature passed House File (HF) 2570 establishing a Solid Waste Environmental Management Systems (EMS) program for solid waste planning areas across Iowa. The legislation identified six specific areas that solid waste agencies participating in the program must be able to document continuous improvement in terms of meeting specific goals and objectives. These areas are:

- yard waste management
- hazardous household waste management
- water quality improvement
- greenhouse gas reduction
- recycling
- environmental education.

The legislation appropriated funding to assist in developing the program and providing ongoing support to the program participants. A nine member Solid Waste Alternatives Program Advisory Council appointed by the Director provides program oversight and recommendations to the Commission regarding program participants and funding allocations. The EMS program currently has three (2) Tier 1 participants and six (9) Tier 2 participants representing planning areas and permitted facility service areas across Iowa.

Purpose:

At the February 19th, 2014 meeting the Solid Waste Advisory Council unanimously recommended that the attached updates to the Criteria for Awarding Environmental Management System Grants be approved. The revisions to the criteria all were made under the (1) Legislative Charge section of the document. A summary of changes is below:

- The document was reformatted, separating the two types of grants - Quick Start and Competitive.
- Training was added under an eligible use of Quick Start grant funds because this use had been included as an option on the Quick Start Grant Form.
- The due date was removed from the Quick Start Grant within the criteria to provide flexibility for new program applicants. The EMS Council will now set the grant application due date(s).
- Removal of the terms Tier 1 and Tier 2 from the Competitive Grant criteria so that applicants who have not yet applied for these funds will receive first consideration regardless of Tier.

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

APPROVED AS PRESENTED

SOLID WASTE ENVIRONMENTAL MANAGEMENT SYSTEMS PROGRAM 2014 PARTICIPANTS

Jennifer Wright, Supervisor of the Financial & Business Assistance Section of the Land Quality Bureau presented the following item.

The Department requests Commission approval of the recommendation made by the Solid Waste Alternatives Program Advisory Council (EMS Council) to designate additional permitted facility service area(s) as an environmental management system (EMS) for the purpose of participating in the Solid Waste Environmental Management Systems Program. The Commission's decision making authority in this matter is established in Code of Iowa Section 455J.7.

Background

The EMS program was established in 2008 legislation through the creation of Code of Iowa Chapter 455J. The voluntary program serves as an alternative to the traditional solid waste comprehensive planning process. Interested solid waste planning areas/permitted facility planning areas may apply on a form developed to determine whether or not they meet the requirements of 455J.3. Applicants document on the form how they may implement short and long-term program goals in accordance with the statutory requirements.

Once designated an EMS, participants provide an annual report showing efforts towards continuous improvement through setting environmental targets and objectives. They document results in at least six component areas:

- yard waste management
- hazardous household waste management
- water quality improvement
- greenhouse gas reduction
- recycling
- environmental education.

The legislation appropriates funding to assist in developing the program and provides ongoing support to the program participants. The nine-member EMS Council was appointed by the Director to provide program oversight and to make recommendations to the Commission regarding program participants, funding allocations and rulemaking.

Nine planning areas/solid waste facilities have completed EMS training and are considered Tier 2 EMSs. Two planning areas are in the process of completing implementation of the system and are considered Tier 1s.

The statute states that by October 1st of each year the Council may recommend the designation of additional planning areas as EMSs. Council does not anticipate accepting applications again until February 15, 2015. Those designated will begin Tier 1 Training on the ten Elements of Iowa's Solid Waste EMS in April 2014. The initial training process implemented by DNR and an outside consultant takes place over 18 months. DNR continues to provide ongoing training opportunities for all EMS program participants.

For this round, two (2) applications were submitted for the Council's consideration.

Great River Regional Waste Authority: The City of Hillsboro and the unincorporated area in Henry County; all cities and the unincorporated area in Lee County; and all cities and the unincorporated area in Van Buren County.

West Central Iowa Solid Waste Management Association: All cities and the unincorporated area in Carroll County; the Cities of Jolley, Lake City, Rinard, and Yetter, and the unincorporated area in Calhoun County; all cities and the unincorporated area in Crawford County; all cities and the unincorporated area in Shelby County;

all cities and the unincorporated areas of Guthrie County, excluding the cities of Casey, Menlo, and Stuart; the Cities of Avoca and Minden and 170 specific waste generating sources located in the rural area adjacent to the City of Avoca in Pottawattamie County and the City of Adair in Adair County. The Cities of Exira and Brayton in Audubon County. The City of Fonda in Pocahontas County.

Recommendation

Each of the nine EMS Council members independently reviewed and scored the applications. All nine Council members were either present at the February 19th Council meeting or participated via conference call. Council members discussed strengths and weaknesses of each application. Members asked questions of applicants who were either present or were participants via conference call.

Following discussion, Council took a vote on each application. A simple "yes" majority vote was required for EMS designation recommendation to the Commission. Each application received a "yes" vote from all Council members. Council Member Mary Wittry, representing the Iowa Society of Solid Waste Operations, abstained from voting on the West Central Iowa Solid Waste Management Association application citing Conflict of Interest.

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

APPROVED AS PRESENTED

CONTRACT – CITY OF DES MOINES – COMMUNITY GUIDE FOR PROPERTY CLEANUP FOLLOWING A DISASTER

Alex Moon, Bureau Chief of the Land Quality Bureau presented the following item.

The Department requested Commission approval of a contract in the amount of \$300,000 with the City of Des Moines for up to two years from the date of property acquisition. The project is to serve as a demonstration for Iowa communities for the separation and removal of recyclable materials from commercial or residential buildings damaged by an unforeseeable disaster (e.g. fires, floods, tornados).

The site of this demonstration project is a building that housed a construction and demolition (C&D) materials recycling facility. The owner abandoned the building in 2008 leaving large amounts of C&D material inside the structure. The structure sat idle and caught fire in 2013. Remains from the fire include the structure (sheet metal and steel beams), partially burnt C&D debris (wood, glass, metal, stone, brick, concrete, drywall, plastic, carpet, etc.) and ashes from the debris, concrete foundation, and equipment.

This demonstration project will result in a community guide outlining the steps taken from Project start to completion including a narrative of any special concerns or obstacles encountered in completing the demolition and cleanup of a property. The community guide will facilitate planning and implementation of the removal of debris, demolition of a structure including removal of structure rubble, recovery of scrap metal and concrete for recycling from the property, and serve as a demonstration for similar projects to minimize materials sent to the landfill and thereby maximizing recovery of recyclable materials.

Funding Source:

This project will be funded utilizing \$100,000 obtained by the DNR from the surety of the former owner/operator and \$200,000 from the Solid Waste Alternatives Program for landfill diversion activities and development of the community guide.

Background:

Iowa code 455E.11 requires the DNR to develop and implement demonstration projects for landfill alternatives to solid waste disposal.

Purpose:

The purpose of this contract is to assist the City of Des Moines for the removal of debris, demolition of the structure, and removal of structure rubble, recovery of scrap metal and concrete for recycling, and to serve as a demonstration for buildings damaged by unforeseeable disasters such as fires, floods and tornados across the state by minimizing materials sent to the landfill and thereby maximizing recovery of recyclable materials.

Alex Moon provided visual photos of the site with before and after the fire. Commissioner LaQuanda Hoskins into other outcomes from the proposed clean up. Alex Moon shared with the Commission the city's role with developing a report of their lessons learned for other communities to benefit from their experiences.

Commissioner Mary Boote inquired into the applicability of other natural disasters for communities to effectively dispose and clean up. Alex Moon shared with the Commission the intent for the report is for any community faced with a disaster could benefit from the information.

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

APPROVED AS PRESENTED

SOLID WASTE ALTERNATIVES PROGRAM – CONTRACT RECOMMENDATIONS

Tom Anderson, SWAP Coordinator of the Financial & Business Assistance Section of the Land Quality Bureau presented the following item.

The Department received 11 proposals requesting \$562,446 in financial assistance during the January 2014, round of funding. The review committee selected six (6) projects for funding for a total of \$109,721. One (1) proposal recommended for funding is greater than \$25,000 requesting a total of \$37,070 as a forgivable loan.

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 whose award is in excess of \$25,000.

A description of these recommended projects, the project types, the amounts and types of funding assistance were included.

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

APPROVED AS PRESENTED

**CLEAN WATER AND DRINKING WATER STATE REVOLVING LOAN FUND – FY 2014
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 2014 (July 1, 2013 – June 30, 2014).

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). Other important partners include:

- U.S. Environmental Protection Agency (EPA);
- Iowa Department of Agriculture and Land Stewardship;
- Soil and Water Conservation Districts;
- County sanitarians;
- Participating lenders; and others.

The FY 2014 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 IUPs are developed and updated quarterly, in June, September, December, and March or more often as needed. Each draft IUP is released for public comment, and then presented for approval to the Commission.

The fourth quarter FY 2014 IUP updates include the addition of the following requests:

- Four Clean Water SRF planning and design loan requests totaling \$617,000
- Twelve Clean Water SRF construction loan requests totaling \$18,400,000
- Four Drinking Water SRF planning and design loan requests totaling \$1,800,000
- Eleven Drinking Water SRF construction loan requests totaling \$24,700,000

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.

The Clean Water SRF update also includes the addition of one community for loan forgiveness. To comply with federal requirements for providing "additional subsidization" Iowa needs to allocate an additional amount. Based on the ranking of communities with high SRF debt levels compared to their population and with a high percentage of low-to-moderate income residents, the next community eligible for this assistance is Walker for \$431,600. A public meeting was held February 13, 2014 to receive comments on the proposed IUP updates. There were no comments. The written comment period closed on February 20, 2014. No written comments were received.

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

APPROVED AS PRESENTED

CONTRACT UNIVERSITY OF IOWA STATE HYGIENIC LABORATORY SMALL WATERSHEDS

Roger Bruner, Supervisor of the Watershed Monitoring and Assessment Section of the Iowa Geological and Water Survey Bureau presented the following item.

The Department requested Commission approval of a contract in the amount of \$59,262.30 with the State Hygienic Laboratory (SHL) for 1 year.

Funding Source:

This project will be funded through State of Iowa Environment First Infrastructure dollars.

Background:

Iowa code 455B.103 requires the DNR to contract with public agencies of the state. SHL was also chosen for this project due to their analysis expertise.

Purpose:

The purpose of this contract is to provide analytical services for water samples submitted by DNR staff or local watershed coordinators.

Consulting Firm Selection Process:

This contractor was chosen using the intergovernmental selection process.

Roger Bruner distributed a visual map indicating the proposed contract sampling sites.

Commissioner Nancy Couser inquired into the Environment First funding source. Bill Ehm shared with the Commission how a number of years ago the Legislature set aside gambling funds to support a number of state wide environmental programs.

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

APPROVED AS PRESENTED

CONTRACT WITH SURDEX CORPORATION FOR LiDAR COLLECTION OF 1,305 SQUARE MILES IN NE IOWA

Chris Ensminger, Supervisor of the Geographic Information Systems Section of the Iowa Geological and Water Survey Bureau presented the following item.

Commission approval was requested for a two year-service contract with Surdex Corporation of Chesterfield, MO. The contract will begin on March 19, 2014 and terminate on June 30, 2016. The total amount of this contract shall not exceed \$320,000. 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 a Community Development Block Grant (CDBG) for Iowa to perform floodplain mapping.

Background:

The DNR is currently developing new, accurate floodplain maps for the entire state based on LiDAR elevation data. Funding for this effort is primarily being provided by a \$15 million Community Development Block Grant awarded to the DNR following the 2008 floods. Approximately 1,185 square miles of the original statewide LiDAR data in NE Iowa were collected when the tree canopy had advanced to the point where the data collection was obstructed (see attached map). Currently, these data will not support accurate mapping of the floodplains.

Purpose:

The parties propose to enter into this Contract for the purpose of retaining the Contractor to provide: LiDAR collection services for 1,305 square miles located in NE Iowa.

Contractor Selection Process:

Surdex Corporation was chosen using the competitive bidding process by the Iowa Department of Transportation (DOT). The DOT has allowed the DNR to partner with them on their contract in order to provide increased efficiencies to the State of Iowa while also providing a more attractive bidding opportunity for perspective vendors. The DOT does a great deal more airborne data collection projects than DNR so their expertise in selecting contractors and managing projects of this nature is superior to the DNR.

Contract History:

This is the first LiDAR collection effort pursued by the DNR since the statewide collection was performed by the US Geological Survey beginning in 2005.

Commissioner Gene VerSteege inquired into the process for re-shooting arial photography. Chris Ensminger shared with the Commission how re-flying priorities are set for areas changing quickly like urban growth. Rural areas do not change as frequently. The proposed project is to obtain current information in preparation for identifying floodplains of the area. The entire project was about \$4 million which is about half the cost for Iowa because of the national partnership with DOT.

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

APPROVED AS PRESENTED

REFERRALS TO THE ATTORNEY GENERAL

Diana Hansen, Attorney with the Legal Services Bureau presented the following item. To her aid was Josh Sobaski, Environmental Specialist with the Washington Field Office.

The Director requested the referral of the following to the Attorney General for appropriate legal action.

- Peeters Development Co. Inc., dba Mt. Joy Mobile Home Park (Scott County) – Wastewater

Diana Hansen summarized the materials provided to the Commission regarding the dates, events, and findings of the DNR. There were no representatives present for the Peeters Development Co. Inc.

Commissioner Gene VerSteege inquired into the number of similar facilities that have been closed. Diana Hansen responded that some have made upgrades to meet current regulations while some have closed.

Commissioner Bob Sinclair inquired into the number of residents of the mobile home park. Diana Hansen shared with the Commission roughly 200 people live in the park which is similar to the size of many small towns in Iowa who also are required to meet discharge limits.

Commissioner Gene VerSteege inquired into the availability of SRF loans for the park. Diana Hansen responded that the park would be eligible for various financial programs.

Commissioner LaQuanda Hoskins inquired if the park owners have been or are working towards improvements. Diana Hansen responded that the DNR has sent various notifications over the past 2 years without next steps by the development group. The Field Office notified Diana Hansen earlier that day that representatives of the park owners were at the Field Office updating their reports.

Commissioner LaQuanda Hoskins inquired about the park's history of challenges. Diana Hansen replied that the first consent order in 1996 required a certified wastewater operator which the park owners have still not provided. A son of the owner has attempted to become certified but has failed the tests thus far.

Commissioner Mary Boote inquired into the educational requirements of a wastewater operator. Barb Lynch shared with the Commission no educational institution training is required but rather a couple years of experience, continuing educational credits, and a certification examination.

Motion was made by Gene VerSteege to refer Peeters Development Co. Inc. to the Attorney General. Seconded by Chad Ingels. Motion carried unanimously

REFERRED TO ATTORNEY GENERAL

MONTHLY REPORTS

Bill Ehm shared with the Commission a summary of:

- A number of Iowa City team members have been hired by the University of Iowa at IIHR and others team members are in the process of moving to Des Moines April 14.
- EO80 Stakeholder Group for Stormwater Rule with 4" topsoil is moving forward and Commissioner Chad Ingles is representing the State of Iowa.
- Grain Elevator best practices rules are planned to be on the April EPC agenda.
- The Legislative season thus far has passed the code clean up package for the Department for an air quality permit that has never been used. There will be rules forthcoming for retracting the Department rules.

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

GENERAL DISCUSSION

- Jerah Sheets reminded the Commissioners of the summer tour and business meeting schedule.
- Deputy Director Bruce Trautman spoke with participants of the public comment portion of the agenda, thanking them for their decorum and participation.

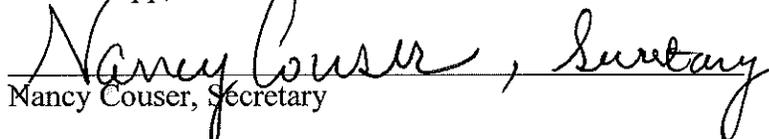
INFORMATION

Chairperson Boote adjourned the Environmental Protection Commission meeting at 1:28 p.m., Tuesday, March 18, 2014.



Bruce Trautman for Chuck Gipp

Chuck Gipp, Director



Nancy Couser, Secretary

EPL March 18, 2014
Chris Gruenhagen
Herdent Public Comment

459.311 Minimum requirements for manure control.

1. A confinement feeding operation shall retain all manure produced by the operation between periods of manure disposal. For purposes of **this section**, dry manure may be retained by stockpiling as provided in **this subchapter**. A confinement feeding operation shall not discharge manure directly into water of the state or into a tile line that discharges directly into water of the state.

~~2.~~ Notwithstanding **subsection 1**, a confinement feeding operation that is a concentrated animal feeding operation as defined in 40 C.F.R. § 122.23(b) shall comply with applicable national pollutant discharge elimination system permit requirements as provided in the federal Water Pollution Control Act, 33 U.S.C. ch. 26, as amended, and 40 C.F.R. pts. 122 and 412, pursuant to rules that shall be adopted by the commission. Any rules adopted pursuant to this subsection shall be no more stringent than requirements under the federal Water Pollution Control Act, 33 U.S.C. ch. 26, as amended, and 40 C.F.R. pts. 122 and 412.

3. Manure from an animal feeding operation shall be disposed of in a manner which will not cause surface water or groundwater pollution. Disposal in accordance with the provisions of state law, including **this chapter**, rules adopted pursuant to the provisions of state law, including **this chapter**, guidelines adopted pursuant to **this chapter**, and **section 459.314**, shall be deemed as compliance with this requirement.

4. The department may require that the owner of a confinement feeding operation install and operate a water pollution monitoring system as part of an unformed manure storage structure.

5. The owner of the confinement feeding operation which discontinues the use of the operation shall remove all manure from related confinement feeding operation structures used to store manure, by a date specified in an order issued to the operation by the department, or six months following the date that the confinement feeding operation is discontinued, whichever is earlier.

95 Acts, ch 195, §24

CS95, §455B.201

98 Acts, ch 1209, §28; 99 Acts, ch 114, §57; 2002 Acts, ch 1137, §37, 68, 71; 2002 Acts, 2nd Ex, ch 1003, §259, 260, 262

C2003, §459.311

2009 Acts, ch 38, §8, 16; 2010 Acts, ch 1029, §2

Referred to in §459.311E, 459.313A, 459.318, 459.319, 459B.307

459.314 Application of manure near designated areas.

1. The department shall adopt rules relating to the application of manure in close proximity to a designated area.

2. Except as otherwise provided in **this subsection**, a person shall not apply manure on land located within two hundred feet from a designated area, unless one of the following applies:

a. The manure is land-applied by injection or incorporation on the same date as the manure

was land-applied.

b. An area of permanent vegetation cover, including filter strips and riparian forest buffers, exists for fifty feet surrounding the designated area other than an unplugged agricultural drainage well or surface intake to an unplugged agricultural drainage well, and the area of permanent vegetation cover is not subject to manure application.

c. The department adopts rules requiring an increased separation distance for the application of manure located in proximity to a high-quality water resource in order to protect the integrity of the high-quality water resource. However, the department shall not provide for an increased separation distance requirement that is more than four times the separation distance requirement otherwise applicable under **this section**.

95 Acts, ch 195, §3

CS95, §159.27

98 Acts, ch 1209, §50

C99, §455B.204A

2002 Acts, ch 1137, §46, 68, 71; 2002 Acts, 2nd Ex, ch 1003, §259, 260, 262

C2003, §459.314

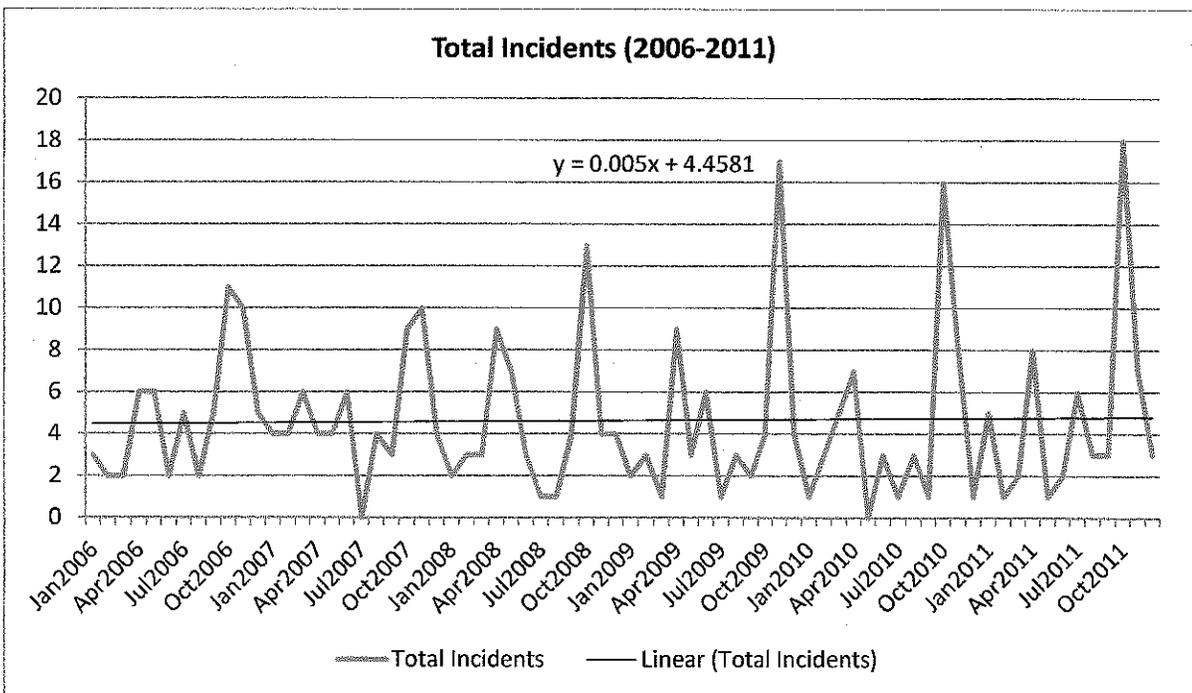
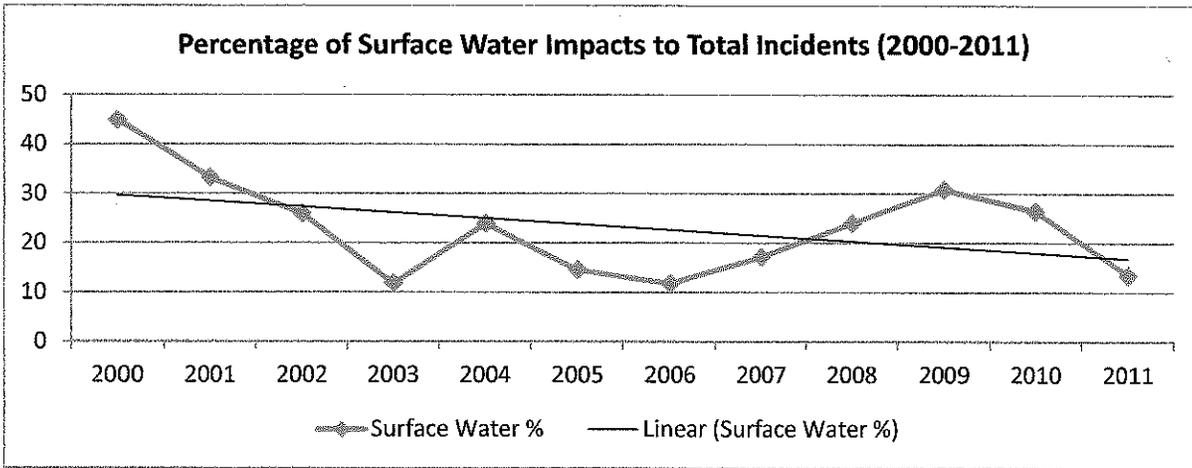
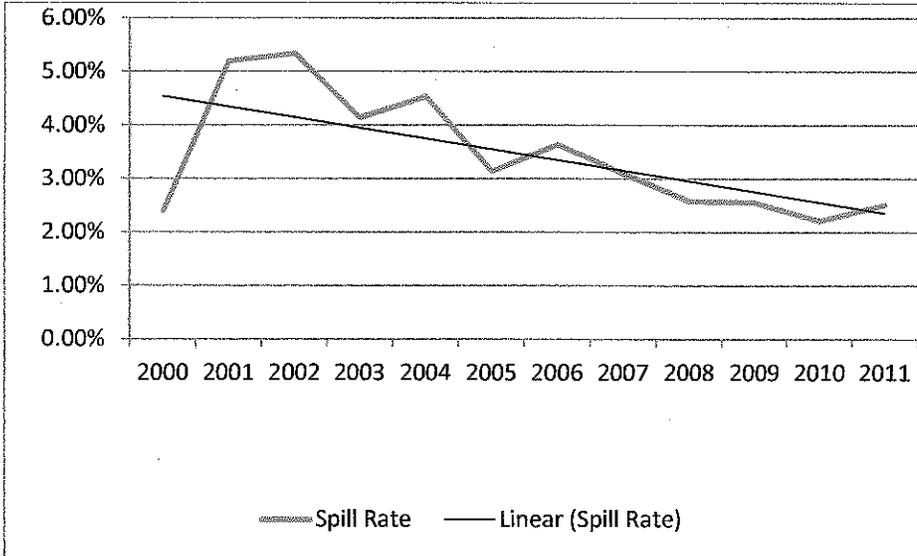
2009 Acts, ch 38, §14, 16

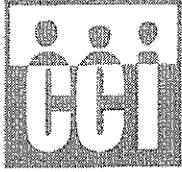
Referred to in §459.311

21. "*Designated area*" means a known sinkhole, a cistern, an abandoned well, an unplugged agricultural drainage well, an agricultural drainage well surface inlet, a drinking water well, a designated wetland, or a water source. However, "*designated area*" does not include a terrace tile inlet or a surface tile inlet other than an agricultural drainage well surface tile inlet.

EPC March 18, 2014
 Chris Gruenberger
 Handout Public Comment

Chart 1: Incident Rate for Confinement Feeding Operations over 1000 A.U.s





Iowa
Citizens for
Community
Improvement

We talk. We act. We get it done.

*EPC March 18, 2014
Vern Tiggas
Handout during Public
Comment*

As I

2001 Forest Avenue
Des Moines, IA 50311
ph 515.282.0484
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www.iowacci.org

Director Gipp,

Iowa CCI members believe DNR factory farm inspections and manure spill transparency would be one step closer to achieving clean water in Iowa. The DNR databases that are currently available to the public lack accuracy, transparency and consistency which is not in line with the goals of the Clean Water Act workplan signed by the EPA and DNR on September 11, 2013 or the EPA investigation report issued on July 12, 2012.

The DNR is a public agency charged with protecting our environment and working for the everyday Iowan. The lack of accuracy, transparency and consistency in the DNR databases do not align with those goals.

Iowa CCI members request the DNR create a comprehensive database that combines all the information from field office files, current databases and records from the DNR records center that are available online and easily accessible to the public. The database should include a number of predetermined reporting items like manure spills, Clean Water Act and other factory farm inspections completed, construction and operating permits issued, as well as an "ad hoc" report that allows a user to pull whatever information is needed. Supporting documents like spill reports, inspection reports, Manure Management Plans, Master Matrix and construction permits should also be available to download by the user – not through a Freedom of Information Act request which can be quite costly.

CCI members request to be part of the discussions of building this database as we are and will continue to be frequent users of the database. We believe that if the DNR is able to spend \$25,000 for the "Clean Water website" that does not provide the valuable information listed above, they can budget in a database that provides accurate up-to-date information about the state of our water and the impact factory farms have on our environment and daily lives.

While the database is being constructed we request monthly reports with the following information. Much of the manure spill information can be captured in an excel sheet similar to the one provided for FOIA #01282014.

Information on Monthly Inspections:

- How many factory farm inspections were completed the previous month?
- When were they completed?
- Were they in-person or desktop survey?
- Who completed the inspection?
- Which sites were inspected?
- What was the outcome? Ex. Permits issued, administrative orders, recommendations, etc.
- Will any inspections result in NPDES permits?
- List of sites that will be receiving inspections the following month
- Copy of inspection reports and any other relevant paperwork

Information on Manure Spills:

- How many manure incident reports were filed the previous month?
- How many manure releases were documented the previous month?
- Did an inspector do an on-site visit of the spill?
- How many spills reached water?
- Which sites had a spill, when, how much manure spilled and what enforcement action will be taken?
- How many exemptions to current manure application laws were granted?
- How many sites on the manure release report had previous spills and how many?
- Who was in charge of clean up of the spill?
- What follow-up was done after clean up?

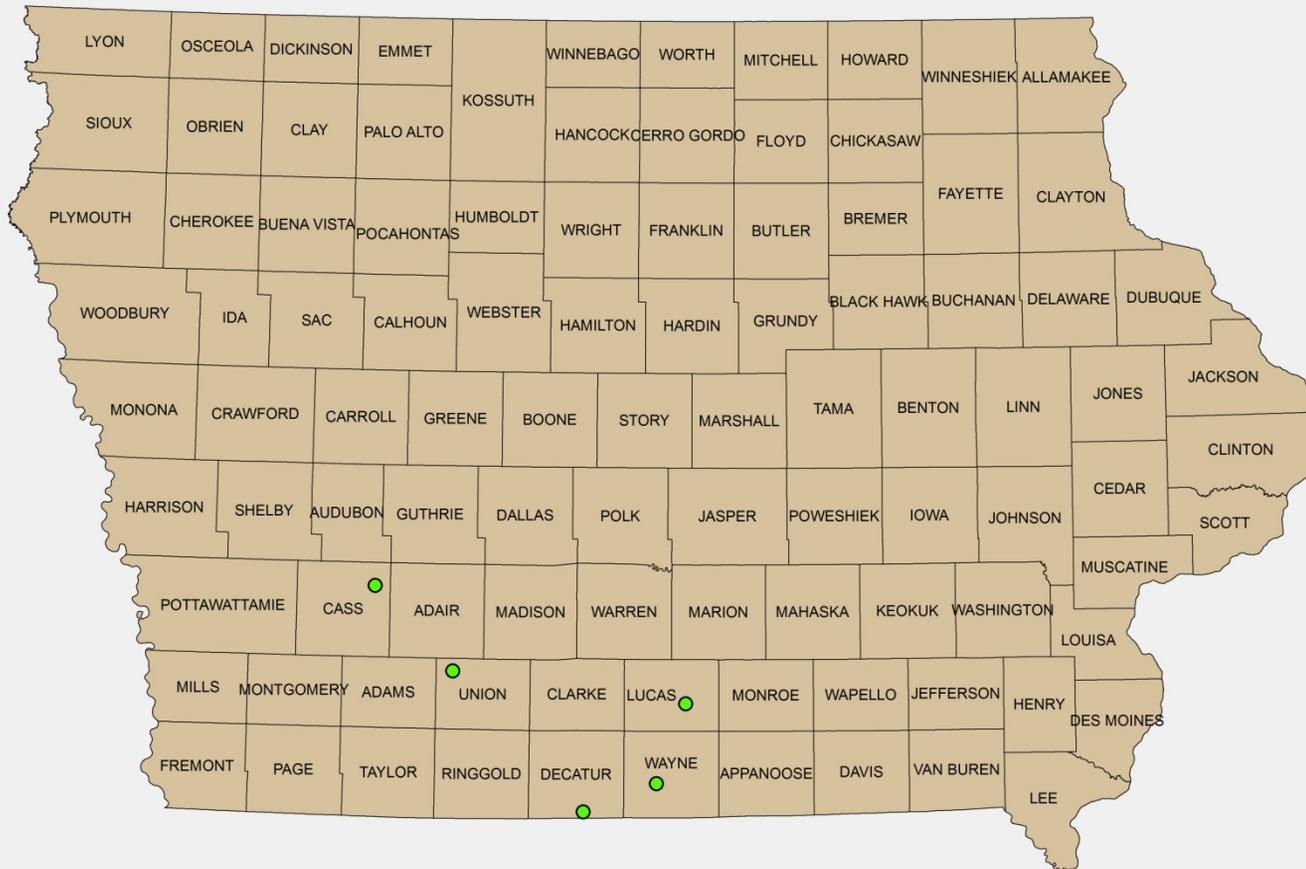
We appreciate your help in accommodating our request. We would like these monthly reports to begin on April 1, 2014. We look forward to hearing from you.

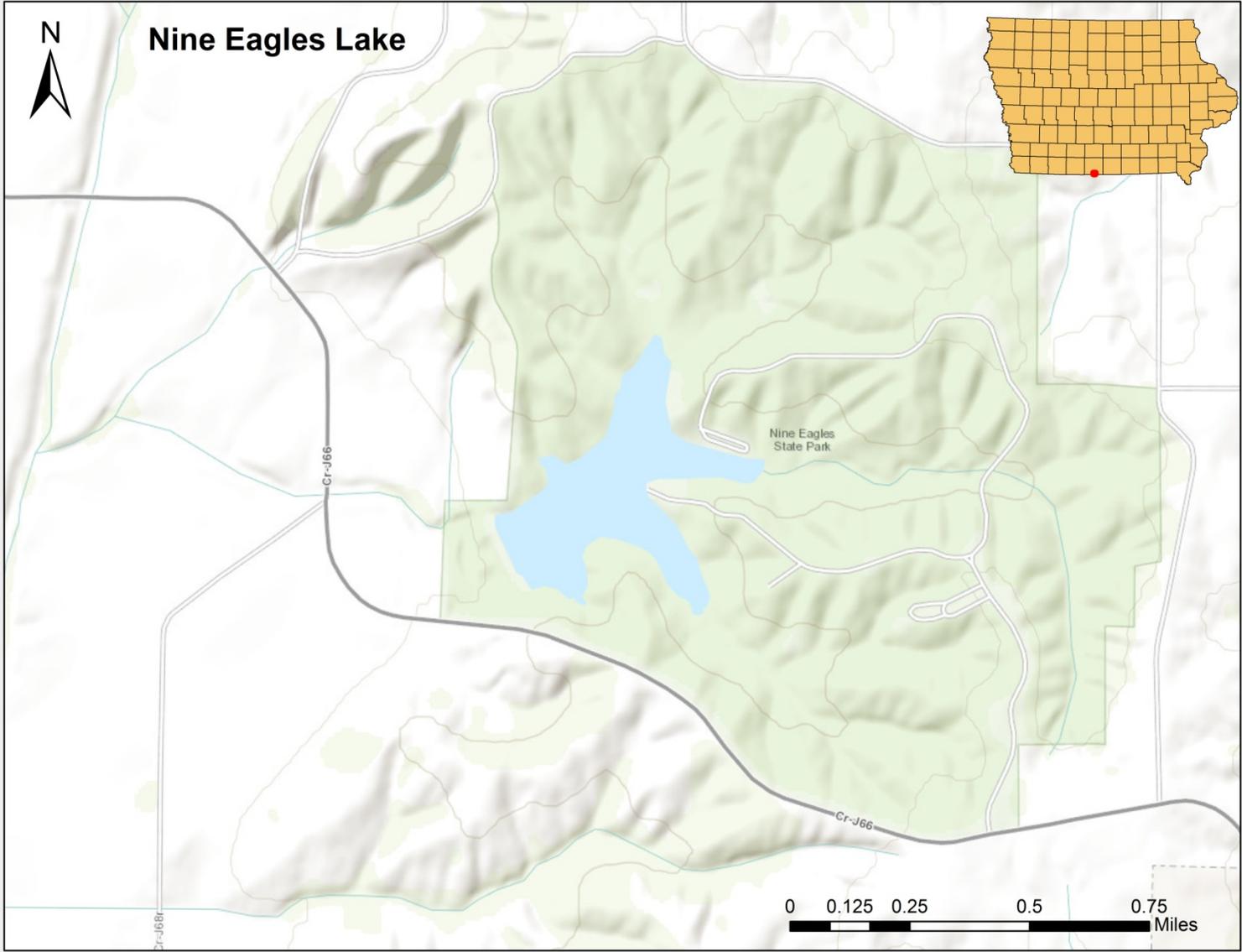
In our fight for clean water,

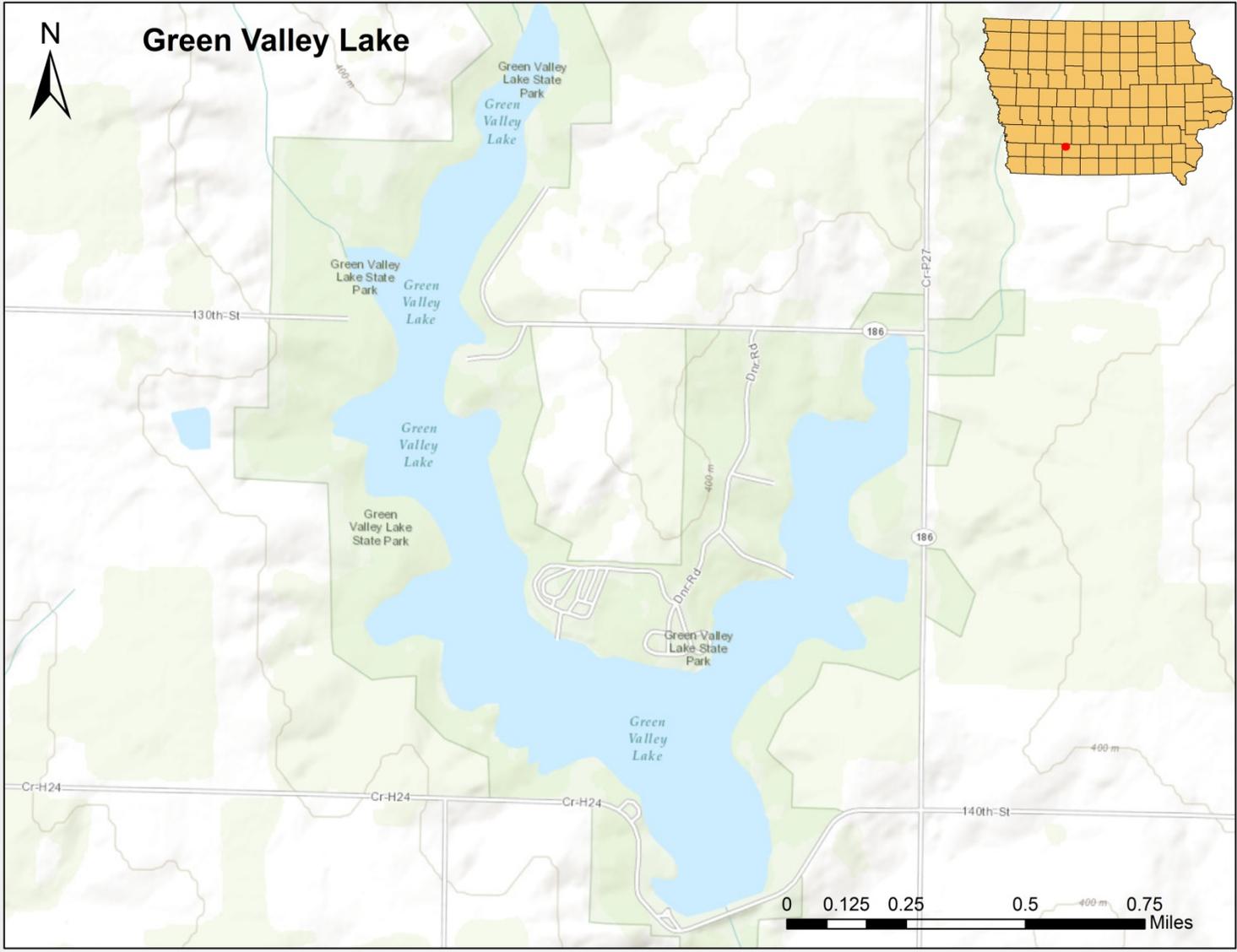
Members of Iowa Citizens for Community Improvement

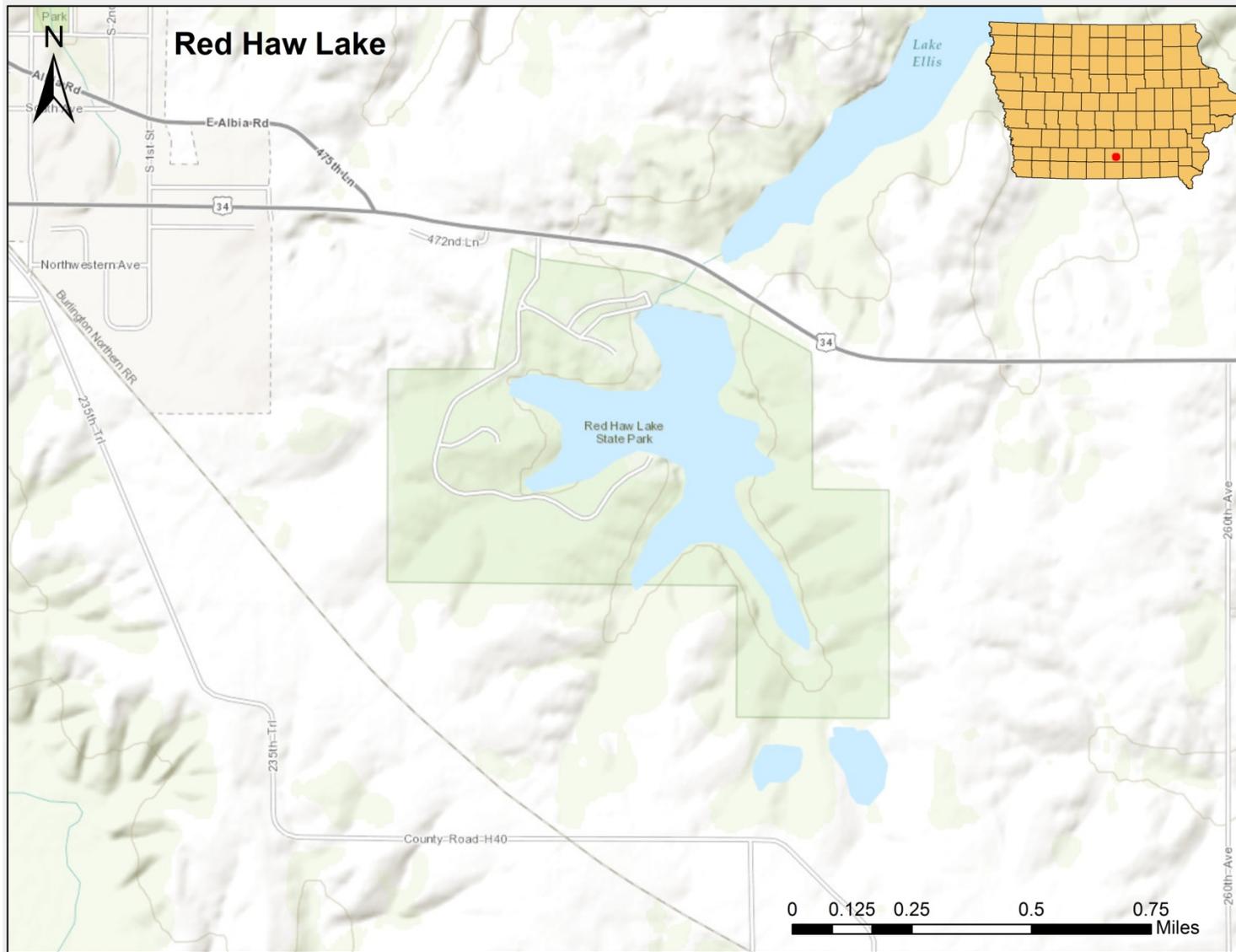
Norm Tupper
Lee Barclay
James Dan
Hazel Zimmerman
Lynn Buech-Wood
J. Walker
[Signature]
Sandra Berglund
Joni Jensen
Kaylyn Suda
Ann Day
Brenda Bunk

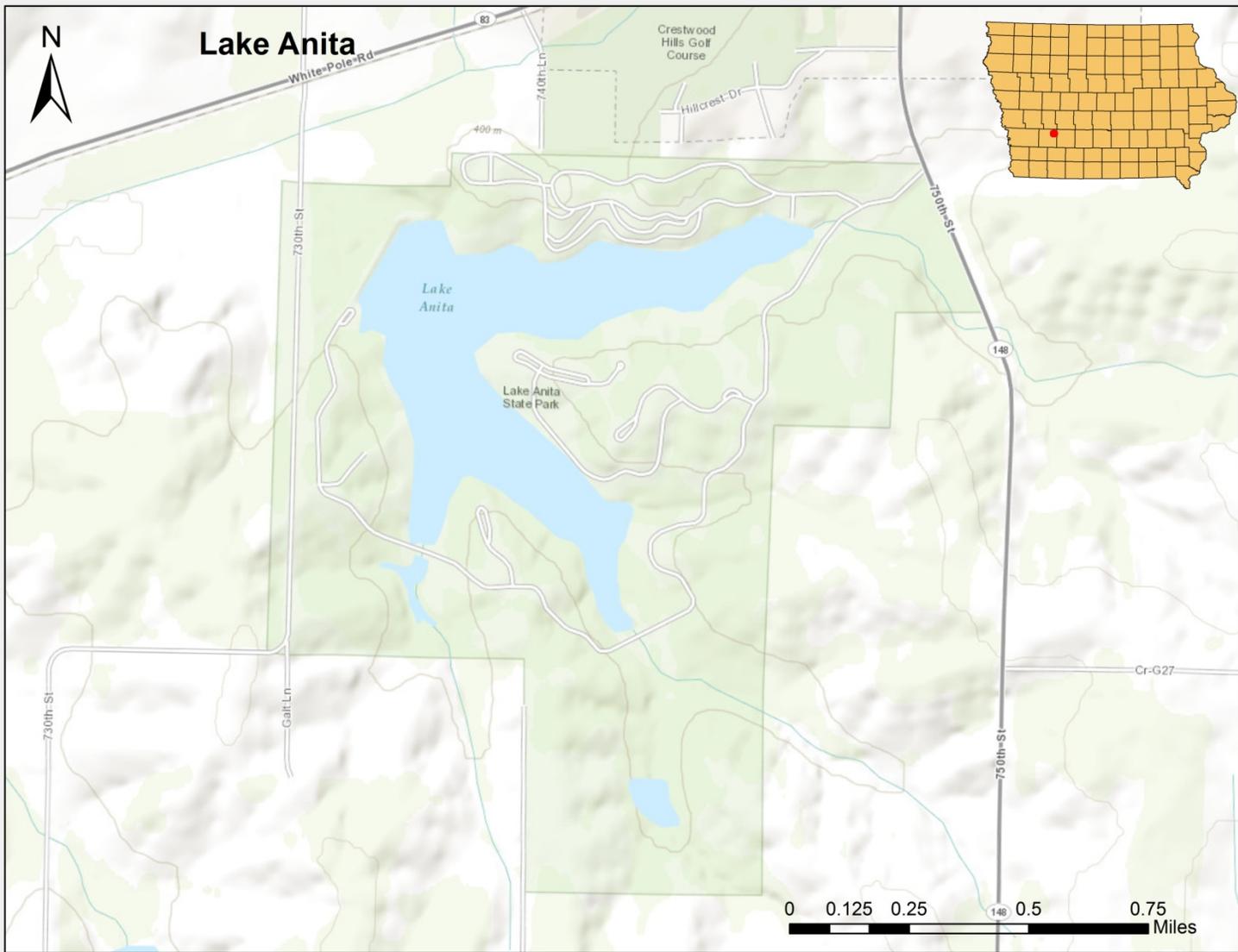
TMDL Lake Projects 2014

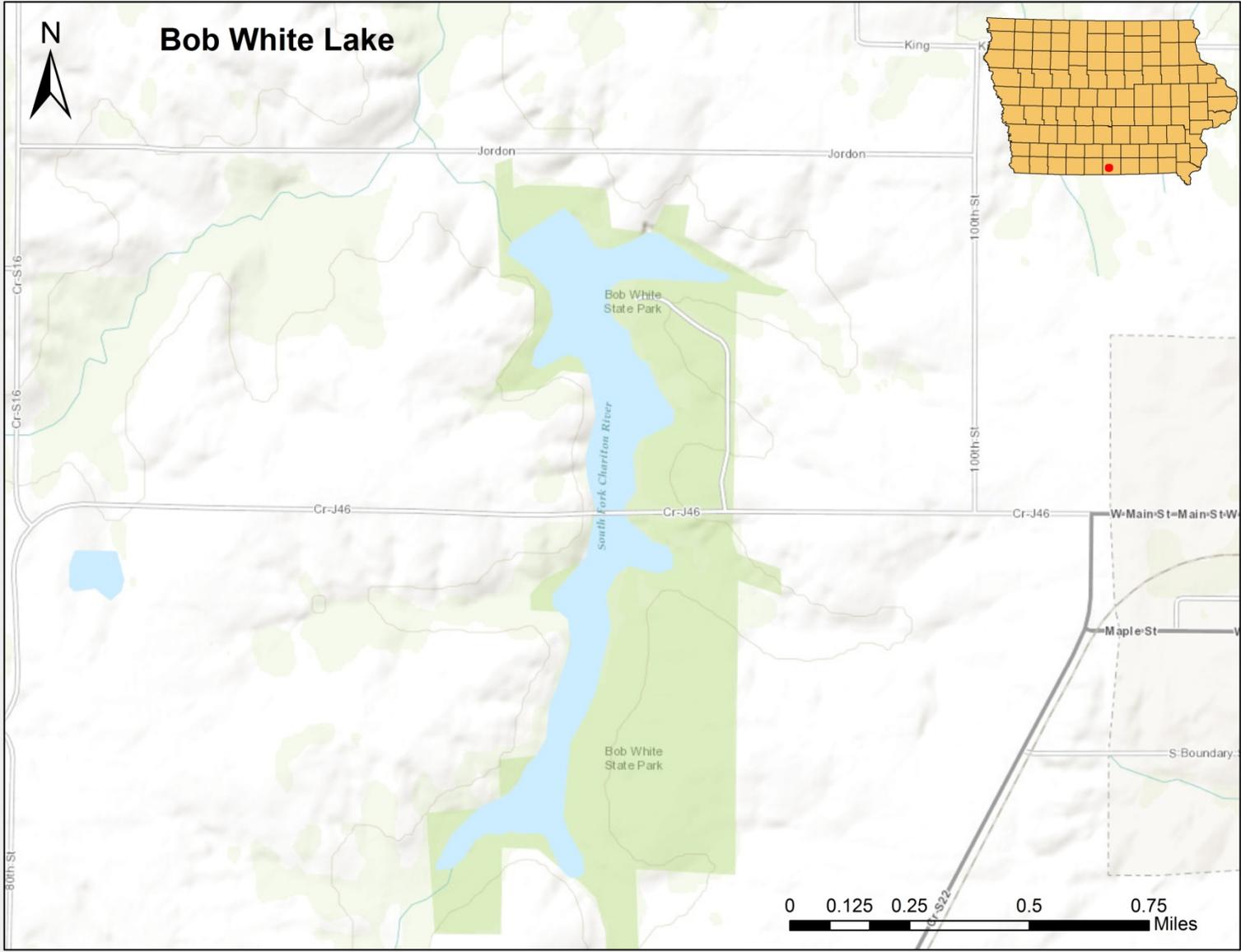














IOWA DEPARTMENT OF NATURAL RESOURCES

LEADING IOWANS IN CARING FOR OUR NATURAL RESOURCES

Environmental Reclamation & Recycling
Construction & Demolition Recycling Facility
Des Moines, IA

How the vacated building looked for the past five years...



IOWA DEPARTMENT OF NATURAL RESOURCES
CHUCK GIPP, DIRECTOR





IOWA DEPARTMENT OF NATURAL RESOURCES
CHUCK GIPP, DIRECTOR 



IOWA DEPARTMENT OF NATURAL RESOURCES
CHUCK GIPP, DIRECTOR 

Inside the building...



IOWA DEPARTMENT OF NATURAL RESOURCES
CHUCK GIPP, DIRECTOR



IOWA DEPARTMENT OF NATURAL RESOURCES
CHUCK GIPP, DIRECTOR



Clean wood from sorting and screening...



IOWA DEPARTMENT OF NATURAL RESOURCES
CHUCK GIPP, DIRECTOR 

Fines material after sorting and screening...

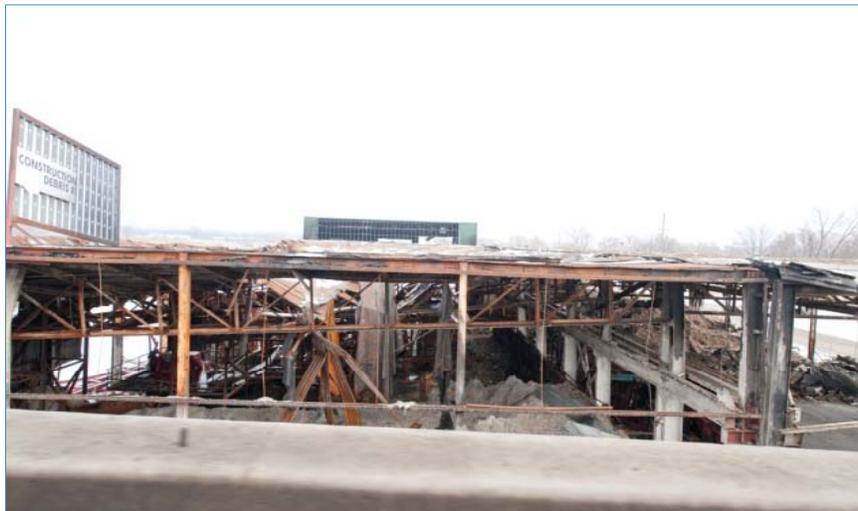


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CHUCK GIPP, DIRECTOR 

Facility after the fire...



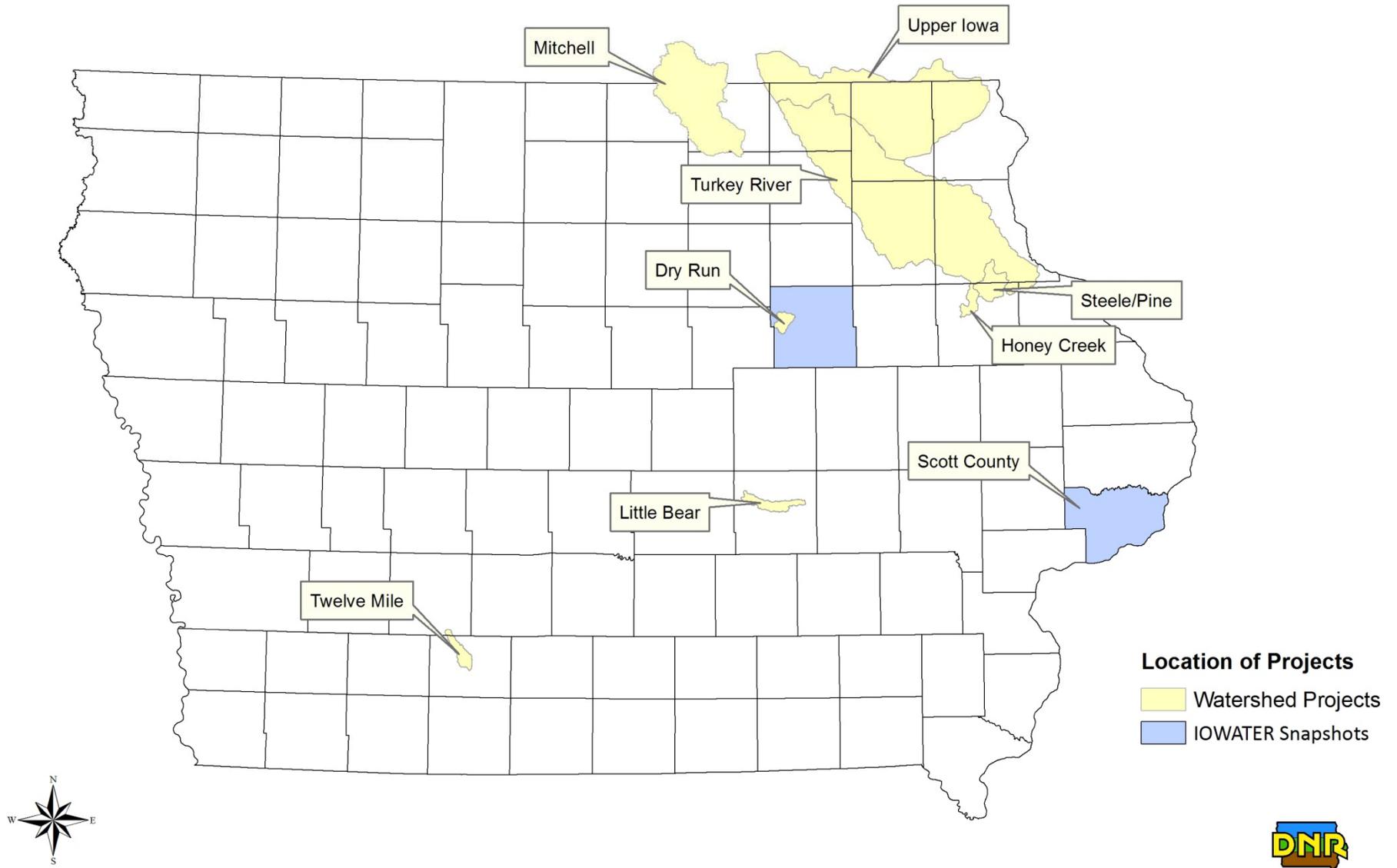
IOWA DEPARTMENT OF NATURAL RESOURCES
CHUCK GIPP, DIRECTOR



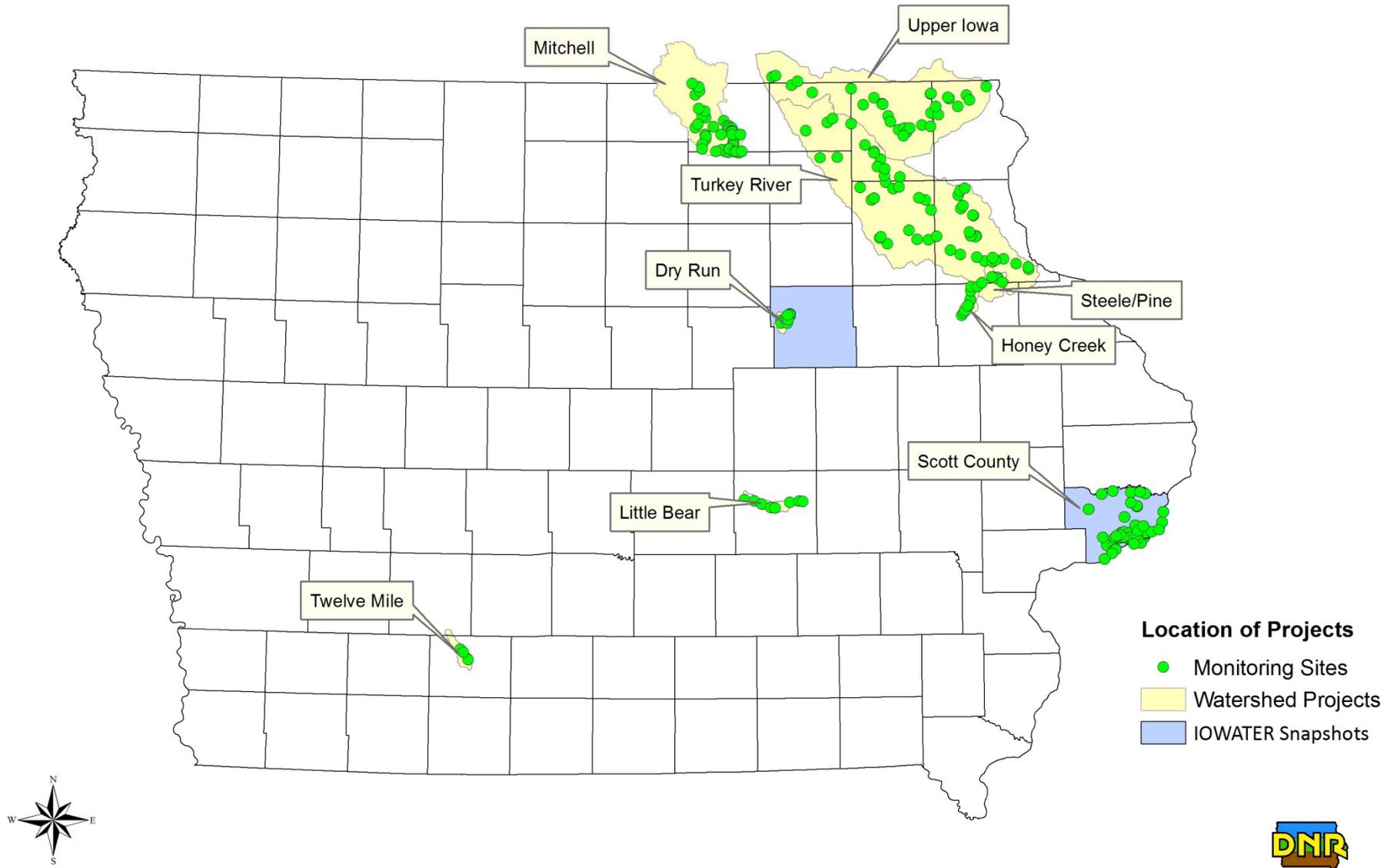
IOWA DEPARTMENT OF NATURAL RESOURCES
CHUCK GIPP, DIRECTOR



Small Watershed Contract



Small Watershed Contract



Agenda

Environmental Protection Commission

Tuesday, March 18, 2014
DNR Air Quality Suite 1
7900 Hickman Road
Windsor Heights, Iowa

10:00 AM – EPC Business Meeting begins

10:30 AM – Public Participation¹ – Requests to speak must be submitted to Jerah Sheets at Jerah.Sheets@dnr.iowa.gov or 515-313-809 prior to the meeting or at the meeting prior to the start of Public Participation

1:00 PM – Referrals to the Attorney General Peeters Development Co. Inc. D/B/A Mt. Joy Mobile Home Park (Peeters)

Agenda topics

- | | | |
|----|--|-----------------------------------|
| 1 | Approval of Agenda | |
| 2 | Approval of Minutes | |
| 3 | Director's Remarks | |
| 4 | Air Quality - Title V Fee Budget Review | Wendy Walker
(Information) |
| 5 | Contract with the University of Iowa for IDNR SHL TMDL Contract | Jason Palmer
(Decision) |
| 6 | Contract – City of Des Moines – Easter Lake Watershed Project Phase One | Rachel Glaza
(Decision) |
| 7 | Solid Waste Environmental Management System Program's Grant Award Criteria-Update | Jennifer Wright
(Decision) |
| 8 | Solid Waste Environmental Management Systems Program 2014 Participants | Jennifer Wright
(Decision) |
| 9 | Contract – City of Des Moines – Community Guide for Property Cleanup Following a Disaster | Alex Moon
(Decision) |
| 10 | Solid Waste Alternatives Program – Contract Recommendations | Tom Anderson
(Decision) |
| 11 | Clean Water and Drinking Water State Revolving Loan Fund – FY 2014 Intended Use Plans – Fourth Quarter Updates | Patti Cale-Finnegan
(Decision) |
| 12 | Contract –University of Iowa State Hygienic Laboratory Small Watersheds | Roger Bruner
(Decision) |
| 13 | Referrals to the Attorney General Peeters Development Co. Inc. D/B/A Mt. Joy Mobile Home Park (Peeters) | Diana Hansen
(Decision) |
| 14 | Contract with Surdex Corporation for LiDAR collection of 1,305 square miles in NE Iowa | Chris Ensminger
(Decision) |

15	Notice of Intended Action: Chapters 64 and 65-amendments requiring CAFOs to comply with NPDES permit requirements	William Ehm (Decision)
16	Monthly Reports	Bill Ehm (Information)
17	General Discussion	
18	Items for Next Month's Meeting	
	<ul style="list-style-type: none">• April 15, 2014 – EPC Business Meeting, Windsor Heights• May 19, 2014 – EPC Education Tour Hancock County• May 20, 2014 – EPC Business Meeting, Hancock 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.

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

ITEM

4

INFORMATION

TOPIC **Air Quality - Title V Fee Budget Review**

The Department is providing the draft state fiscal year (SFY) 2015 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.

The proposed budget is intended to allow the Department to continue to provide the same level of services. Governor Branstad has requested an appropriation of \$1,872,000 to provide funding for the same level of service for both major and minor source activities. The Governor's proposed budget also includes a request of \$200,000 to support reviews of air construction permit applications that are on backlog.

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.

Budget Development

The Bureau begins the budget cycle earlier than other parts of the Department to allow for stakeholder involvement. The Bureau began preparing estimates of the upcoming budget in October 2013 and met with a representative group of the Title V fee payers in November 7, 2013, to discuss the budget. The Bureau also discussed budget issues with various stakeholders in meetings following the November 2013 meeting. An estimated or draft budget to cover the reasonable costs of administering the Title V program was prepared following these meetings.

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 program for the entire year. For example, the Title V fees to be paid on July 1, 2014, are based on 2013 emissions and will fund the program for SFY 2015, or July 1, 2014, to June 30, 2015.

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; or the potential to emit equal to or greater than 100,000 tpy CO_{2e}, and 100 tpy greenhouse gas mass basis are now subject to Title V program.

Currently Iowa has 286 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

Personnel expenses include an estimated increase of 1.9%. 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. Communications and other miscellaneous office expenses have been reduced to reflect prior year or anticipated expenses. IT expenses have been reduced to reflect anticipated expenses.

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.

Wendy Walker, Environmental Specialist Senior
Program Development Section, Air Quality Bureau
Environment Services Division

Memo date: February 24, 2014

Draft SFY 2015 Title V Budget
March 2014 EPC Meeting

	SFY 2013 Actual	SFY 2014 Budget	Draft SFY 2015 Budget	Difference Draft 2015- 2014
FTE	57.75	57.25	57.25	
Personnel	5,247,003	5,530,211	5,641,815	111,604
Travel in state	8,258	7,100	7,100	0
State vehicle	20,386	15,700	15,700	0
Depreciation	29,900	30,900	30,900	0
Travel out of state	9,141	11,000	11,000	0
Office supplies	2,553	5,600	2,600	-3,000
Facility maintenance supplies	339	50	50	0
Equipment maintenance	7,798	6,000	6,000	0
Other supplies	516	1,100	1,100	0
Printing and binding	675	550	550	0
Uniforms	925	1,500	1,500	0
Postage	603	100	100	0
Communications	54,540	58,754	54,500	-4,254
Outside Services	242	1,000	1,000	0
Rental	157,060	155,400	173,000	17,600
Monitoring utilities	24,407	35,000	25,000	-10,000
Professional Services	1,618,800	1,663,131	1,713,341	50,210
Outside Services	63,478	50,000	32,000	-18,000
Advertisement in publications	4,096	3,000	3,000	0
Reimbursement to other agencies	5,327	10,600	5,600	-5,000
ITS reimbursement	305	750	750	0
Govt/Transfer Attorney General	30,000	30,000	30,000	0
Air monitoring equipment	105,805	50,000	100,000	50,000
Equipment non-inventory	97	1,100	1,100	0
IT Equipment & software	118,899	102,000	102,000	0
Other expenses	7,335	8,000	8,000	0
State Aid	1,326,587	1,326,587	1,375,462	48,875
Indirect charges	675,219	706,968	668,515	-38,453
Total Expenditure	9,520,293	9,812,100	10,011,683	199,583

Environmental Protection Commission
Iowa Department of Natural Resources

ITEM

5

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 to analyze water quality samples collected by Iowa DNR staff. The contract will begin on April 1, 2014 and terminate on March 15, 2015. The total amount of this contract shall not exceed \$82,463.40. 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.

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, Iowa Geological and Water Survey Bureau
March 18, 2014

Obligation	Task Milestone Date
<p>Task 1: Water quality analysis</p> <p>Description:</p> <ul style="list-style-type: none"> • SHL shall analyze 500 water samples for the following parameters: E. coli • SHL shall analyze 216 water samples for the following parameters : Total phosphorus, ortho phosphate, chloride, total dissolved solids, total suspended solids • SHL shall analyze 110 water samples for the following parameters: ammonia, nitrate+nitrite, total Kjeldahl nitrogen, chlorophyll a 	<p>No later than December 1, 2014</p>
<p>Task 2: Equipment allocation</p> <p>Description: SHL shall purchase YSI water quality sondes and associated accessories configured in a manor agreed upon by SHL Principal Investigator and DNR Technical Consultant</p>	<p>No later than September 1st 2014</p>
<p>Task 3: 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 IDNR 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 IDNR staff no later than 15 calendar days following the end of the month of collection. If the contractor determines that extra time should be needed to complete required analyses then a written notification shall be made to the IDNR submitter/project 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

6

DECISION

TOPIC

Contract – City of Des Moines – Easter Lake Watershed Project Phase One

Recommendation:

The Department requests Commission approval of a contract in the amount of \$500,000 with the City of Des Moines for about three years (34 months) to implement best management practices in the Easter Lake Watershed.

Funding Sources:

Federal – Environmental Protection Agency Section 319 (\$252,023)

State of Iowa – Lakes Restoration (\$247,977)

This project will be funded through Section 319 of the Clean Water Act and State of Iowa Lakes Restoration funds.

Background:

Watershed Implementation Grants from the Iowa DNR Watershed Improvement Program are intended to put an EPA nine-element Watershed Management Plan (WMP) into action by providing local watershed groups access to federal Section 319 grant dollars. These WMPs must target nonpoint source pollution and must be consistent with Iowa’s recently updated State Nonpoint Source Management Program (NPSMP).

Easter Lake suffers from poor water clarity, algal blooms, high sedimentation rates, low oxygen concentrations, and a poor fishery. Since construction of the lake in 1967 the water volume has decreased by nearly 30% as a result of sediment being deposited in the lake. In response to these water quality problems, area stakeholders worked together to develop the Easter Lake Water Quality Management Plan (WQMP). The WQMP serves as the culmination of existing studies, citizen and stakeholder input, and a consultant’s recommendations for structural and non-structural BMPs intended to reduce stormwater runoff and delivery of pollutants from the watershed and ultimately renovate Easter Lake through dredging and other in-lake improvements.

On October 14, 2013, the Environmental Protection Commission approved a \$415,786 contract between the Department of Natural Resources and the Department of Agriculture and Land Stewardship – Division of Soil Conservation for the Easter Lake Watershed Project Phase One that funds project coordinator staff, information/education and urban stormwater practices within the watershed.

This contract with the City of Des Moines will provide funding for best management practices within the sections of Yeader Creek and Ewing Park. The City of Des Moines is

providing approximately \$500,000 for these best management practices and it was determined that contracting directly with the City for this portion of the grant was appropriate, since the City is willing and capable of leading this particular effort.

This contract will provide funding for sections of Yeader Creek, YC-14 and YC-8. The practices installed will be a variety of streambank stabilization and grade control structures, rock chutes and toe rock for stream stability and erosion control.

Bioswale practices will be installed at Ewing Park to assist in enhanced infiltration of water and water storage prior to draining to Easter Lake.

Purpose:

The parties propose to enter into this contract for the purpose of implementing watershed improvement practices.

Contractor Selection Process:

The Department enters into this agreement with the City of Des Moines pursuant to the intergovernmental agreement provision of 11 IAC 118.4. The Easter Lake Watershed Project was chosen using a competitive review process.

Scope of Work:

For an outline of the **scope of work**, see the attached project summary.

Rachel Glaza, Environmental Specialist
Watershed Improvement Section, Geological and Water Survey Bureau
Environmental Services Division

DNR Section 319/LR Funded Watershed Project Summary
PROJECT NAME: EASTER LAKE WATERSHED PROJECT PHASE ONE

Amount:

\$252,023 of Section 319

\$247,977 of Lakes Restoration

\$500,000 Total Funding

Time Frame: March 18, 2014 – December 31, 2016 (~3 years or 34 months)

Description: Funding for the Easter Lake watershed project.

Project Goal: Reduce sediment and phosphorus delivery to Easter Lake.

Easter Lake, located within the city of Des Moines, has been a great recreational resource for the residents of Des Moines, IA since 1967. However, over the last several years the water quality of the lake has diminished due to increased loads of nutrients and sediment as development has occurred around the lake. Currently the lake suffers from poor water clarity, algal blooms, high sedimentation rates, low oxygen concentrations, and a poor fishery. Since construction of the lake in 1967 the water volume has decreased by nearly 30% as a result of sediment being deposited in the lake.

In response to these water quality problems, area stakeholders worked together to develop the Easter Lake Water Quality Management Plan (WQMP). The

WQMP serves as the culmination of existing studies, citizen and stakeholder input, and a consultant's recommendations for structural and non-structural BMPs intended to reduce stormwater runoff and delivery of pollutants from the watershed and ultimately renovate Easter Lake through dredging and other in-lake improvements. Phase One projects and programs are aimed at reducing external pollutant delivery to the lake through cost-share and financial incentives for watershed best management practices and two major stream stabilization projects. Watershed best management practices will focus on Rainscaping practices such as rain gardens, bioswales, pervious pavement, and more. Decreasing the transport of eroded soil is critical to restoring Easter Lake and the watershed to a healthy, functioning system. The goal of Phase One is a 10% reduction of sediment loading and a 21% reduction of phosphorus loading to Easter Lake.

Improving the water quality of Easter Lake is a complex and challenging effort that will require collaboration of the project sponsors. An aggressive 10-year goal has been set for implementing the WQMP. The overall pollutant reduction goals include a 44% reduction for phosphorus and 23% reduction in sedimentation loadings to Easter Lake.

Although several management practices addressing pollutant delivery to Easter Lake have been implemented in the past, the ISU Diagnostic Feasibility study indicates that significant sediment and phosphorus loading reductions using additional watershed management practices are required. Engineering modifications to improve water quality will be required; these include targeted stream stabilization/protection and dredging existing detention ponds to restore function. Additionally, public involvement and participation in watershed management practices to reduce phosphorus and sediment loads from the watershed will be required to achieve the 44% reduction in total phosphorus loads required to meet the reduction levels listed in the 2005 TMDL. Engineering solutions alone cannot reach the required total phosphorus loading reduction target without best management practices implemented by the community (ISU 2011).

The goal of this WQMP is to remove Easter Lake from the impaired waters list by implementing structural and programmatic BMPs. The benefits include, but are not limited to: reduction of a wide range of other pollutants, reduced stormwater runoff volume, reduced landscape maintenance, increased stream stability, reduced infrastructure costs downstream, recharging groundwater levels, aesthetics, and increasing the overall health of the Easter Lake watershed.

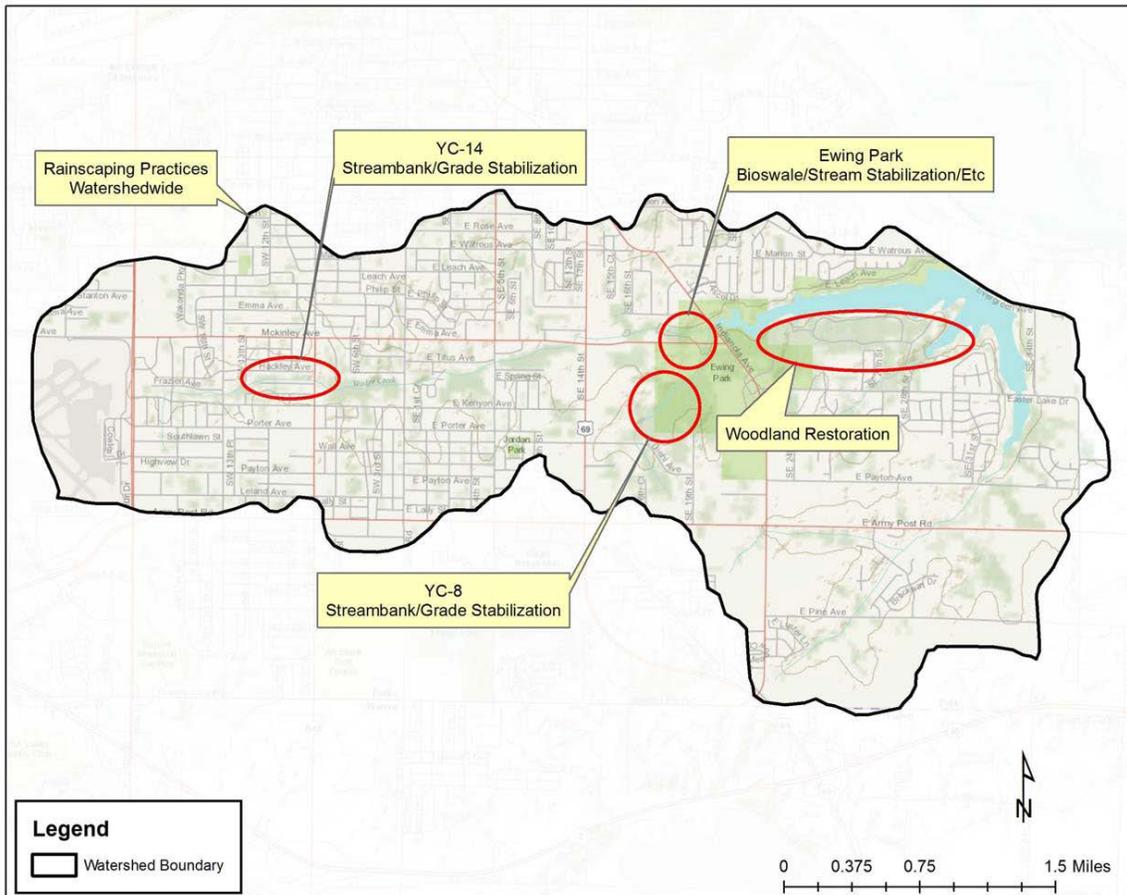
On October 14, 2013, the Environmental Protection Commission approved a \$415,786 contract between the Department of Natural Resources and the Department of Agriculture and Land Stewardship – Division of Soil Conservation for the Easter Lake Watershed Project Phase One that funds project coordinator staff, information/education and urban stormwater practices within the watershed. This contract with the City of Des Moines will provide funding for best management practices within the sections of Yeader Creek and Ewing Park. The City of Des Moines is providing approximately \$500,000 for these best management practices and it was determined that contracting directly with the City for this portion of the grant was appropriate, since the City is willing and capable of leading this particular effort.

This contract will provide funding for sections of Yeader Creek, YC-14 and YC-8. The practices installed will be a variety of streambank stabilization and grade

control structures, rock chutes and toe rock for stream stability and erosion control.

Bioswale practices will be installed at Ewing Park to assist in enhanced infiltration of water and water storage prior to draining to Easter Lake.

The partners involved in this project are the Iowa DNR, the City of Des Moines, Polk County Conservation Board, the Conservation Districts of Iowa, Polk County Soil and Water Conservation District and the Iowa Department of Agriculture and Land Stewardship – Division of Soil Conservation.



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

ITEM

7

DECISION

TOPIC

**Solid Waste Environmental Management System Program's Grant
Award Criteria-Update**

Recommendation:

The Department requests Commission approval of the revised criteria for determining grant awards to solid waste planning areas that have been accepted into the Environmental Management System (EMS) Program. The authority for Commission approval for this criteria is provided in Code of Iowa Subsection 455J.7(3). This provision states that the Solid Waste Alternatives Program Advisory Council, in making recommendations as to the allocation of moneys appropriated to the EMS Program, shall adopt and use a set of reasonable criteria that shall be approved by the commission.

Funding Source:

The funds for the EMS grants are authorized in Code of Iowa Subparagraph 455E.11(2)"a"(1). The source of the funding is that portion of the remitted solid waste tonnage fees deposited into the Solid Waste Alternatives Program (SWAP) account and is earmarked for use by the EMS program.

Background:

In 2008, the Iowa Legislature passed House File (HF) 2570 establishing a Solid Waste Environmental Management Systems (EMS) program for solid waste planning areas across Iowa. The legislation identified six specific areas that solid waste agencies participating in the program must be able to document continuous improvement in terms of meeting specific goals and objectives. These areas are:

- yard waste management
- hazardous household waste management
- water quality improvement
- greenhouse gas reduction
- recycling
- environmental education.

The legislation appropriated funding to assist in developing the program and providing ongoing support to the program participants. A nine member Solid Waste Alternatives Program Advisory Council appointed by the Director provides program oversight and recommendations to the Commission regarding program participants and funding allocations. The EMS program currently has three (2) Tier 1 participants and six (9) Tier 2 participants representing planning areas and permitted facility service areas across Iowa.

Purpose:

At the February 19th, 2014 meeting the Solid Waste Advisory Council unanimously recommended that the attached updates to the Criteria for Awarding Environmental Management System Grants be approved. The revisions to the criteria all were made under the (1) Legislative Charge section of the document. A summary of changes is below:

- The document was reformatted, separating the two types of grants - Quick Start and Competitive.
- Training was added under an eligible use of Quick Start grant funds because this use had been included as an option on the Quick Start Grant Form.
- The due date was removed from the Quick Start Grant within the criteria to provide flexibility for new program applicants. The EMS Council will now set the grant application due date(s).
- Removal of the terms Tier 1 and Tier 2 from the Competitive Grant criteria so that applicants who have not yet applied for these funds will receive first consideration regardless of Tier.

Jennifer Wright, Supervisor
Land Quality Bureau
Environmental Services Division

Criteria for Awarding Environmental Management System (EMS) Grants

Approved by Council on 2/19/14 and EPC on

(1) LEGISLATIVE CHARGE: 455J.7 (3) ALLOCATION OF FUNDS

The council shall recommend to the commission a reasonable allocation of the moneys provided in section 455E.11, subsection 2, paragraph "a", subparagraph (1), subparagraph subdivision (c), to eligible systems. In making its recommendation as to the allocation of moneys, the council shall adopt and use a set of reasonable criteria. The criteria shall conform to the goals and purposes of this chapter as described in section 455J.1 and shall be approved by the commission.

Grant awards must be directly tied to one or more EMS Component Areas, or in the case of Quick Start grants may be used for training on EMS Component Areas and Elements:

- Yard Waste Management
- Household Hazardous Waste Collection
- Water Quality Improvement
- Green House Gas Reduction
- Recycling
- Environmental Education

Types of Grants and Cost Share Requirements

1) Quick Start Grants:

- Once a solid waste agency/permitted facility service area is designated as a Solid Waste Environmental Management System pursuant to Iowa Code 455J.7, the new EMS will be eligible one time only for up to \$20,000 in Quick Start Grant funds.
- The due date for applications is established by council at the beginning of each fiscal year.
- Although no cash cost share is required, a cost share component in a project's budget will be considered in the review process.
- Council may recommend funding at the full requested amount, funding at a lesser amount than is being requested or may recommend not to award funds.

2) Competitive Grant:

- Council will set the Competitive Grant application due date and budgets at beginning of each fiscal year.
- The maximum grant amount council may make available is \$50,000 per participant.
 - Within budgetary constraints, Council will budget \$50,000 for each participant who has not received Competitive Grant funding in past funding rounds. These participants will apply in a competitive round.
 - Participants who have received EMS Competitive Grant funding in prior rounds will apply for funds in a competitive round with the maximum grant application amount to be set at the beginning of the fiscal year.
- While first-time and subsequent Competitive Grant application submittals are due at the same time, the two groups will not compete with each other. First-time fund application reviews will be done first. Monies budgeted for those participants that are not used will be incorporated into the funding pool for the applicants who have received grant funds in prior rounds.
- In each grant application, there must be a minimum 25% cash match, which is calculated on the total for each budget line item in which EMS funding assistance is requested.
- Participants may submit joint proposals.
- Council may recommend funding at the full requested amount, funding at a lesser amount than is being requested or may recommend not to award funds.

(2) APPLICATION SCORING (Scoring not applicable to Quick Start grants)

1. Project Description – succinct description of the project including but not limited to the following: what it is; where will it be implemented; who is responsible for its implementation; is it a new initiative, or is it enhancing or improving an existing program or activity; and, a description of the goal and objectives of the project. (15 points)
2. EMS Implementation – describe specifically how the project is consistent with the entity's Solid Waste EMS and how it will assist in implementation or, if related to an existing project, how it supports the continuous improvement concept. (20 points)
3. Impact – what are the specific environmental results related to the project and how will these be measured. If not funded, what is the impact on the implementation of the entity's SW EMS. (10 points)
4. Budget – provide a detailed budget for the project. (20 points)
5. Matching contributions – at least 25% cash match, this is calculated on the total for each budget line item in which EMS funding assistance is requested. The higher the total matching contributions and cash match the more points will be awarded to the applicant. (15 points)
6. Milestones – provide specific timelines for development and implementation of the project including planned start and finish dates. (5 points)
7. Sustainability – how will the project be financially supported after the grant funds are exhausted and how will the project be monitored for continuous improvement results. (15 points)
8. Joint submittals – a bonus of 5-10 points awarded for submittals from more than one planning area and/or other partnering entities. (includes all types of potential partners inside and outside of the planning area)
9. Grant Request History - additional points/consideration given to participants with less frequent award history.

(3) INELIGIBLE COSTS: Financial assistance shall not be provided or used for costs including, but not limited to, the following:

1. Taxes.
2. Vehicle registration.
3. Legal costs.
4. Contingency funds.
5. Proposal preparation.
6. Contractual project administration.
7. Land acquisition.
8. Office furniture, office computers, fax machines and other office furnishings and equipment.
9. Costs for which payment has been or will be received under another federal, state or private financial assistance program.
10. Costs incurred before a written agreement between the applicant and the department has been executed.

(4) MONIES OBLIGATED THROUGH GRANT CONTRACTS

For budgetary purposes, monies obligated through grant contracts awarded during a fiscal year shall be applied to that fiscal year's budget. This means that monies do not have to be expended by the end of the fiscal year in which the award was made and expenses incurred in a subsequent year shall be accounted against the previous year's budget.

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

ITEM

8

DECISION

TOPIC

**Solid Waste Environmental Management Systems Program 2014
Participants**

The Department requests Commission approval of the recommendation made by the Solid Waste Alternatives Program Advisory Council (EMS Council) to designate additional permitted facility service area(s) as an environmental management system (EMS) for the purpose of participating in the Solid Waste Environmental Management Systems Program. The Commission's decision making authority in this matter is established in Code of Iowa Section 455J.7.

Background

The EMS program was established in 2008 legislation through the creation of Code of Iowa Chapter 455J. The voluntary program serves as an alternative to the traditional solid waste comprehensive planning process. Interested solid waste planning areas/permitted facility planning areas may apply on a form developed to determine whether or not they meet the requirements of 455J.3. Applicants document on the form how they may implement short and long-term program goals in accordance with the statutory requirements.

Once designated an EMS, participants provide an annual report showing efforts towards continuous improvement through setting environmental targets and objectives. They document results in at least six component areas:

- yard waste management
- hazardous household waste management
- water quality improvement
- greenhouse gas reduction
- recycling
- environmental education.

The legislation appropriates funding to assist in developing the program and provides ongoing support to the program participants. The nine-member EMS Council was appointed by the Director to provide program oversight and to make recommendations to the Commission regarding program participants, funding allocations and rulemaking.

Nine planning areas/solid waste facilities have completed EMS training and are considered Tier 2 EMSs. Two planning areas are in the process of completing implementation of the system and are considered Tier 1s.

The statute states that by October 1st of each year the Council may recommend the designation of additional planning areas as EMSs. Council does not anticipate accepting

applications again until February 15, 2015. Those designated will begin Tier 1 Training on the ten Elements of Iowa's Solid Waste EMS in April 2014. The initial training process implemented by DNR and an outside consultant takes place over 18 months. DNR continues to provide ongoing training opportunities for all EMS program participants.

For this round, two (2) applications were submitted for the Council's consideration.

Great River Regional Waste Authority: The City of Hillsboro and the unincorporated area in Henry County; all cities and the unincorporated area in Lee County; and all cities and the unincorporated area in Van Buren County.

West Central Iowa Solid Waste Management Association: All cities and the unincorporated area in Carroll County; the Cities of Jolley, Lake City, Rinard, and Yetter, and the unincorporated area in Calhoun County; all cities and the unincorporated area in Crawford County; all cities and the unincorporated area in Shelby County; all cities and the unincorporated areas of Guthrie County, excluding the cities of Casey, Menlo, and Stuart; the Cities of Avoca and Minden and 170 specific waste generating sources located in the rural area adjacent to the City of Avoca in Pottawattamie County and the City of Adair in Adair County. The Cities of Exira and Brayton in Audubon County. The City of Fonda in Pocahontas County.

Recommendation

Each of the nine EMS Council members independently reviewed and scored the applications. All nine Council members were either present at the February 19th Council meeting or participated via conference call. Council members discussed strengths and weaknesses of each application. Members asked questions of applicants who were either present or were participants via conference call.

Following discussion, Council took a vote on each application. A simple "yes" majority vote was required for EMS designation recommendation to the Commission. Each application received a "yes" vote from all Council members. Council Member Mary Wittry, representing the Iowa Society of Solid Waste Operations, abstained from voting on the West Central Iowa Solid Waste Management Association application citing Conflict of Interest.

Jennifer Wright, Environmental Program Supervisor
Land Quality Bureau
Environmental Services Division

February 19, 2014

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

ITEM

9

DECISION

TOPIC

**Contract – City of Des Moines – Community Guide for Property
Cleanup Following a Disaster**

Recommendation:

The Department requests Commission approval of a contract in the amount of \$300,000 with the City of Des Moines for up to two years from the date of property acquisition. The project is to serve as a demonstration for Iowa communities for the separation and removal of recyclable materials from commercial or residential buildings damaged by an unforeseeable disaster (e.g. fires, floods, tornados).

The site of this demonstration project is a building that housed a construction and demolition (C&D) materials recycling facility. The owner abandoned the building in 2008 leaving large amounts of C&D material inside the structure. The structure sat idle and caught fire in 2013. Remains from the fire include the structure (sheet metal and steel beams), partially burnt C&D debris (wood, glass, metal, stone, brick, concrete, drywall, plastic, carpet, etc.) and ashes from the debris, concrete foundation, and equipment.

This demonstration project will result in a community guide outlining the steps taken from Project start to completion including a narrative of any special concerns or obstacles encountered in completing the demolition and cleanup of a property. The community guide will facilitate planning and implementation of the removal of debris, demolition of a structure including removal of structure rubble, recovery of scrap metal and concrete for recycling from the property, and serve as a demonstration for similar projects to minimize materials sent to the landfill and thereby maximizing recovery of recyclable materials.

Funding Source:

This project will be funded utilizing \$100,000 obtained by the DNR from the surety of the former owner/operator and \$200,000 from the Solid Waste Alternatives Program for landfill diversion activities and development of the community guide.

Background:

Iowa code 455E.11 requires the DNR to develop and implement demonstration projects for landfill alternatives to solid waste disposal.

Purpose:

The purpose of this contract is to assist the City of Des Moines for the removal of debris, demolition of the structure, and removal of structure rubble, recovery of scrap metal and concrete for recycling, and to serve as a demonstration for buildings damaged by unforeseeable disasters such as fires, floods and tornados across the state by minimizing materials sent to the landfill and thereby maximizing recovery of recyclable materials.

Alex Moon, Chief
Land Quality Bureau

Project Scope of Work

Project Description. The parties agree that after acquisition of the property Des Moines will undertake the following actions described below:

- A. The removal of all Debris on the surface of the Property, including the loading and hauling of Debris;
- B. Demolition of structure(s) on the Property in a manner allowing for separation of recyclables, disconnection of water and sewer services, removal of paving, footings and removal of the 80 ton truck scale;
- C. Removal of Structure Rubble;
- D. Loading and hauling of concrete to local concrete recycler;
- E. Loading and hauling of scrap metal to a local metal recycler.

Documentation. Des Moines shall collect and provide to DNR the following information for the Project within ninety (90) calendar days of the Des Moines City Council resolution approving final acceptance of the Project by Des Moines:

- A. Estimated total tonnage or cubic yards of material diverted from the landfill.
- B. Dollars saved by diverting materials from a permitted sanitary landfill through recycling.
- C. Number of loads delivered, with receipts, to a permitted sanitary landfill and landfill name(s).
- D. Outline of steps taken from Project start to completion and a narrative of any special concerns or obstacles encountered in completing the demolition and cleanup of the Property.

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

ITEM

10

DECISION

TOPIC: Solid Waste Alternatives Program – Contract Recommendations

The Department received 11 proposals requesting \$562,446 in financial assistance during the January 2014, round of funding. The review committee selected six (6) projects for funding for a total of \$109,721. One (1) proposal recommended for funding is greater than \$25,000 requesting a total of \$37,070 as a forgivable loan.

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 whose award is in excess of \$25,000.

A description of these recommended projects, the project types, the amounts and types of funding assistance is attached.

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

Attachment

- a) Proposal descriptions

March 12, 2014

**SOLID WASTE ALTERNATIVES PROGRAM
PROPOSAL RECOMMENDATIONS**

The following provides a description of the projects for which Commission approval is requested.

Western Iowa Initiative
19111 Kittyhawk Avenue
Carroll, Iowa 51401

Forgivable Loan: \$ 37,070
Total Award Amount: \$ 37,070

Cash Match: \$ 12,360
Total Project Cost: \$ 49,430

Project Title: Asphalt Shingle Infrastructure

Contact: Mary Wittry

Phone: 712-792-5001

Project Type: Best Practices

Applicant: Local Government

Description: The Western Iowa Initiative is made up of seven solid waste comprehensive planning areas working jointly under a 28E Agreement for the purpose of recycling asphalt shingles. This project request is for infrastructure needs to initiate asphalt shingle collection and recycling at two of the planning areas by placing a hard surface pad and push walls and improve the existing infrastructure at one location by adding push walls and a litter fence for the collection and storage of asphalt shingles. Counties requesting funding assistance are Guthrie, Harrison and Shelby. Approximately 2,000 tons of asphalt shingles will be recycled by these three counties annually. Other counties participating in the Western Iowa Initiative include: Buena Vista, Carroll, Cass, and Crawford.

Service Area: Guthrie, Harrison and Shelby Counties

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

ITEM

11

DECISION

TOPIC

**Clean Water and Drinking Water State Revolving Loan Fund – FY 2014
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 2014 (July 1, 2013 – June 30, 2014).

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). Other important partners include:

- U.S. Environmental Protection Agency (EPA);
- Iowa Department of Agriculture and Land Stewardship;
- Soil and Water Conservation Districts;
- County sanitarians;
- Participating lenders; and others.

The FY 2014 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 IUPs are developed and updated quarterly, in June, September, December, and March or more often as needed. Each draft IUP is released for public comment, and then presented for approval to the Commission.

The fourth quarter FY 2014 IUP updates include the addition of the following requests:

- Four Clean Water SRF planning and design loan requests totaling \$617,000
- Twelve Clean Water SRF construction loan requests totaling \$18,400,000
- Four Drinking Water SRF planning and design loan requests totaling \$1,800,000
- Eleven Drinking Water SRF construction loan requests totaling \$24,700,000

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.

The Clean Water SRF update also includes the addition of one community for loan forgiveness. To comply with federal requirements for providing “additional subsidization” Iowa needs to allocate an additional amount. Based on the ranking of communities with high SRF debt levels compared to their population and with a high percentage of low-to-moderate income residents, the next community eligible for this assistance is Walker for \$431,600.

A public meeting was held February 13, 2014 to receive comments on the proposed IUP updates. There were no comments. The written comment period closed on February 20, 2014. No written comments were received.

Patti Cale-Finnegan, DNR SRF Coordinator
Water Quality Bureau
February 21, 2014

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
Breda	FS-14-14-DWSRF-017	Construction of a new water tower.	2014	B,C,E	55	4	486	P	\$ 638,320				
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				
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				
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				
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				
Muscatine Power & Water	FS-70-14-DWSRF-022	Watermain replacement project	2014	B	15	4	24386	P	\$ 2,432,416				
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				
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				
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				
Tripoli	PD-DW-14-23	New water treatment facility	2014	G	P&D	4	1343	R	\$ 143,000				
North Liberty	PD-DW-14-32	Design and construction of a new reverse osmosis water treatment plant	2014	G	P&D	4	13386	R	\$ 1,350,000				
Keota	PD-DW-14-34	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	G	P&D	4	1009	R	\$ 50,000				
Muscatine Power & Water	PD-DW-14-44	Water Site Source Analysis	2014	G	P&D	4	24386	R	\$ 215,915				
Pella	PD-DW-14-22	New well and improvements to existing water treatment plant.	2014	G	P&D	3	10352	L			1/24/14	\$ 1,150,000	\$ 1,150,000
Halbur	FS-14-14-DWSRF-007	New water storage facility	2014			3	249	R	\$ 473,993				

Spencer	FS-21-14-DWSRF-010	Water Supply and Treatment Improvements	2014	B	35	3	11235	P	\$ 14,680,754				
De Soto	FS-24-14-DWSRF-011	New water treatment facility	2014	B,E	25	3	1050	P	\$ 3,295,000				
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	P	\$ 14,645,000				
Council Bluffs	FS-78-14-DWSRF-009	Purchase Property adjacent to WW to protect wells from farm contamination	2014	E	15	3	63783	P	\$ 2,020,000				
Grimes	PD-DW-14-24	Expand existing lime softening water treatment plant and study to increase the groundwater supply for plant	2014	G	P&D	3	8246	L			12/20/13	\$ 950,000	\$ 950,000
Fonda	PD-DW-14-28	Improvements at existing water treatment plant	2014	G	P&D	3	648	L			12/20/13	\$ 200,000	\$ 200,000
Monona	Dropped	Replacement of water meters	2014	B,C,E	30	2	1549	D					
Alta	FS-11-14-DWSRF-004	Replacement of pressure filters, EDR units, aerator, and associated piping, in addition to SCADA improvements	2014	A,B,E	90	2	1883	L			12/6/13	\$ 1,467,000	\$ 1,916,000
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				
Hancock	PD-DW-14-07	Improvements to city's water system which will improve the quality and quantity of water	2014	G	P&D	2	196	L			7/26/13	\$ 98,910	\$ 98,910
Anita	PD-DW-14-10	Well and water treatment	2014	G	P&D	2	972	L			8/2/13	\$ 102,500	\$ 102,500
Hastings	PD-DW-14-17	Water source investigation	2014	G	P&D	2	152	R	\$ 120,000				
Fontanelle	FS-01-14-DWSRF-003	Water main replacement	2014	B,E	30	1	672	P	\$ 600,000				
Grimes	FS-77-14-DWSRF-002	New Jordan well is proposed to provide city with emergency backup water supply. Well may be used to supplement the existing shallow well field.	2014	B	35	1	10000	L			7/26/13	\$ 2,454,300	\$ 2,432,000
Salix	FS-97-14-DWSRF-001	Construction of a new water tower.	2014	B,C,E	55	1	363	P	\$ 500,000				
Coralville	PD-DW-14-01	Expansion of water treatment facility.	2014	G	P&D	1	18907	R	\$ 191,000				
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				
Cumberland	FS-15-13-DWSRF-016	Replace the majority of existing distribution system to comply with Ten State Standards, move fire hydrants, install valves, replace connections.	2013	B,E	45	4	262	R	\$ 348,270				
Anita	FS15-13-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				
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				
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				

Stanton	FS-69-13-DWSRF-020	Complete rehab/replacement of 13,000 lf of distribution system, replacement of 172 water meters and demolition of old water tower.	2013	B,C,E	40	4	689	P	\$ 1,003,334				
Macedonia	FS-78-13-DWSRF-015	Water main replacement due to aging and leaks	2013	B,C,E	40	4	246	P	\$ 294,970				
Okoboji Camp Owners Coop	FS-30-13-DWSRF-011	Distribution system replacement	2013	B,E	30	3	358	P	\$ 796,880				
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	FS-81-13-DWSRF-014	Expansion of existing treatment plant to adequately meet peak system demands and provide redundancy	2013	B,C,E	50	3	315	P	\$ 652,207				
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	P	\$ 3,075,450				
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				
Columbus Junction	FS-58-13-DWSRF-008	Relocate water treatment plant out of 100-year flood plain	2013	A,E	45	2	1899	R	\$ 1,206,000				
Sioux City	FS-97-13-DWSRF-009	Installation of UV at Zenith Plant to comply with LT2 requirements, modification of wet well to comply with NPDES requirements	2013	A,B	60	2	82684	L			8/30/13	\$ 2,293,000	\$ 2,100,000
Marble Rock	FS-34-13-DWSRF-003	Water system improvements including redundant well and water main looping and replacement	2013	B,C,E	55	1	307	R	\$ 604,000				
Anamosa	FS-53-13-DWSRF-006	250,000-gallon EST and water main improvements	2013	B,E	45	1	4660	L			9/13/13	\$ 2,020,000	\$ 2,020,000
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	P	\$ 355,000				
Oakland	FS-78-13-DWSRF-005	New 300 gpm reverse osmosis plant to provide redundancy to lime softening plant	2013	B,C,E	50	1	1486	R	\$ 3,520,000				
Lenox	FS-87-13-DWSRF-004	Water main looping and replacement, replacement of pump station	2013	B,C,E	40	1	1407	P	\$ 212,000				
Sioux City	FS-97-13-DWSRF-001	I-29 Utility Relocation	2013	B	20	1	82684	R	\$ 2,541,000				
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%			
New Hartford	FS-12-12-DWSRF-026	Meter replacement	2012	B,C,E	40	4	516	L		20%	8/2/13	\$ 80,800	\$ 81,000
Charlotte	FS-23-12-DWSRF-024 (2)	New shallow well source to blend with high radium well	2012	A,B,C,E	105	4	394	R	\$ 190,000	50%			
Hills	FS-52-12-DWSRF-021	New system to eliminate contaminated private wells	2012	A,B,E	105	4	703	P	\$ 3,832,000	50% of eligible costs			

Shenandoah	FS-73-12-DWSRF-020	Water meter replacement	2012	B,C,D,E	45	4	5546	R	\$ 80,800	20%			
Mount Ayr	FS-80-12-DWSRF-014	New booster station with building, piping, and standby generator, with 8" main to connect new station to SIRWA feeder main	2012	B,E	30	4	1822	L			9/6/13	\$ 378,000	\$ 378,000
Bedford	FS-87-12-DWSRF-016	Water main looping and replacement	2012	B,C,E	40	4	1440	L			11/22/13	\$ 543,359	\$ 253,000
Bonaparte	FS-89-12-DWSRF-019	Water main replacement	2012	B,C,E	40	4	433	L			8/16/13	\$ 435,000	\$ 435,000
Ryan	FS-28-12-DWSRF-005	New Silurian well with emergency power and control building	2012	B,E	45	2	410	P	\$ 128,000				
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	P	\$ 1,284,316				
Albia	FS-68-12-DWSRF-008	Water main replacement	2012	B,C,E	40	2	3706	P	\$ 350,000				
Oxford Junction	FS-53-12-DWSRF-001	New well #4 with modifications at treatment for Well #2 to include Well #4	2012	B,C,E	55	1	573	L			11/8/13	\$ 193,000	\$ 193,000
Palo	FS-57-12-DWSRF-003	New water treatment plant for new municipal system	2012	A,E	55	1	899	R	\$ 1,040,200				
Geneva*	Dropped	Meter installation	2011	B,C,E	40	4	171	D					
Timber Ridge Water Utility Corporation	FS-06-11-DWSRF-031	Connection to Poweshiek Water Association, meter installation	2011	A,C,E	80	4	224	L		50%	1/3/14	\$ 225,000	\$ 225,000
Aplington	FS-12-11-DWSRF-032	Iron filtration and softening plant rehab	2011	B,E	30	4	1054	R	\$ 945,000		12/13/13	\$ 1,745,000	\$ 800,000
Lidderdale	FS-14-11-DWSRF-028	Water main replacement, elevated storage tank, distribution system mapping, water meter replacement, and Well #1 abandonment	2011	B,C,E	40	4	186	L		60%	9/27/13	\$ 1,301,000	\$ 1,301,000
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%			
Le Mars*	FS-75-11-DWSRF-022	Meter replacement, automatic meter reading system	2011	B,E	30	4	9270	R	\$ 1,010,000	20%			
Des Moines Water Works	FS-77-11-DWSRF-036	New variable frequency driven pump to maximize use of infiltration gallery water, avoiding the need to use reverse osmosis system	2011	B	15	4	223364	C	\$ 675,000	20%			
Story City	FS-85-11-DWSRF-037	Water meter replacement	2011	B,E	30	4	3228	P	\$ 207,000	20%			
Frankville (Winneschick 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				
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	\$ 1,111,000				
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%			
Libertyville	PD-DW-10-52		2011	G	P&D	1	315	L			12/6/13	\$ 95,000	\$ 82,500
Mason City	FS-17-10-DWSRF-069	Replacement of elevated storage tank with same size; new security fence	2010	B	35	4	29172	C	\$ 1,085,750				
Fremont	FS-62-10-DWSRF-054	Water main replacement and 50 water meters	2010	B,C,E	40	4	704	R	\$ 760,530				

Shenandoah	FS-73-10-DWSRF-065	Additional wells, new treatment plant, transmission main, and storage, construction of LEED certified building	2010	B,C,E	55	4	5546	L		20% of LEED building construction	9/20/13	\$ 12,204,840	\$ 14,057,000
Ainsworth	FS-92-10-DWSRF-066	Water main looping and replacement	2010	B,C,E	40	4	524	P	\$ 202,000				
Castalia	FS-96-10-DWSRF-059	Emergency power, flow meters, replacement of pressure tanks, water main replacement	2010	B,C,E	40	4	175	L			11/22/13	\$ 114,000	\$ 117,000
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	R	\$ 3,609,600				
Ames	FS-85-10-DWSRF-046	New 15 million gallon/day lime softening plant, construction of LEED certified building	2010	B	35	3	50731	P	\$ 51,315,000	20% of LEED building construction			
Oto	FS-97-09-DWSRF-016	New water storage tank	2009	B,C,E	40	4	145	P	\$ 61,065				
									\$ 162,828,760			\$ 28,050,709	\$ 28,891,910
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
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	P	\$ 3,114,500				
Kalona	9233001	S2014-0078	1920687 01	CIPP & Force Main Install	2014	IIIA	145	4	P	\$ 1,124,000				
Keosauqua	8938001	S2013-0110	1920693 01	PER Wastewater Improvements	2014	IIIA	145	4	P	\$ 546,000				
Luther	0844001	S2007-0027	1920701 01	Provide sanitary sewer facilities to unsewered community.	2014	TBD	285	4	P	\$ 1,254,000				
Maxwell	8557001	S2014-0169	1920698 01	Sanitary sewer rehabilitation	2014	IIIA	130	4	P	\$ 2,718,000				
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	P	\$ 1,623,123				
Rockwell City			PD-CW-14-35	Replacement of broken sewer mains and replacement and repair of manholes	2014	IIIA	137	4	R	\$ 182,500				
Sanborn			PD-CW-14-37	Wastewater Treatment Facility Improvements	2014	II	P&D	4	R	\$ 225,000				
Titonka	5588001	S2014-0147	1920692 01	Sanitary Sewer Collection Systems Improvements	2014	IIIA	132	4	P	\$ 662,000				
Titonka			PD-CW-14-38	Sanitary Sewer Collection Systems Improvements	2014	IIIA	P&D	4	R	\$ 72,000				
Wastewater Reclamation Authority (supplemental)	7727001	S2008-0202	1920444 02 (Phase 22, Seg 4-5)	Supplemental loan for Southwest Area Diversion Facility	2014	IVB	135	4	R	\$ 6,000,000				
Ames	8503001	S2013-0326	1920686 01	WPCF Biosolids Storage Tank	2014	II	180	3	P	\$ 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				
Dike			PD-CW-14-21	Upgrade existing Wastewater Treatment Facility	2014	I	P&D	3	R	\$ 220,000				
Dubuque (Lower Bee Branch supplemental)	N/A	S2007-0268	1920513 02	Stormwater management improvements to Lower Bee Branch	2014	VI	172	3	R	\$ 1,193,708				
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				

Epworth	3133001	S2011-0155	1920683 01	Conversion of lagoon to sludge wastewater treatment facility. Construction of new mail lift station.	2014	II	240	3	P	\$ 5,296,000				
Farley	3135001	S2013-0378		WWTF Disinfection	2014	II	199	3	C	\$ 241,390				
Farley			PD-CW-14-20	Treatment	2014	II	P&D	3	L			12/20/13	\$ 35,000	\$ 35,000
Garnavillo	2234001	S2012-0200	1920684 01	Improvements to collection system	2014	II	199	3	P	\$ 4,469,250				
Miles			PD-CW-14-27	Construction of controlled discharge lagoon	2014	I	P&D	3	L			12/20/13	\$ 120,000	\$ 120,000
Miles	4953001	S2013-0064	1920688 01	Construction of controlled discharge lagoon	2014	I	227	3	P	\$ 897,890				
Monona			PD-CW-14-26	Sanitary Sewer Improvements	2014	IIIB	P&D	3	L			12/20/13	\$ 30,000	\$ 30,000
New Albin			PD-CW-14-25	New wastewater treatment plant	2014	II	P&D	3	L			1/3/14	\$ 50,000	\$ 50,000
Roland			PD-CW-14-29	Run relief trunk sewer line to connect to wastewater treatment facility	2014	IVA	P&D	3	L			12/20/13	\$ 150,000	\$ 150,000
Spragueville	4982001	S2013-0202	1920685 01	Septic tank/sand mound treatment system.	2014	XII	199	3	P	\$ 316,544				
Spragueville			PD-CW-14-30	Septic tank/sand mound treatment system.	2014	XII	P&D	3	R	\$ 37,000				
Wastewater Reclamation Authority (supplemental)	7727001	S2009-0219	1920457 04 (Phase 17, Seg 8)	New Main Outfall, final connections	2014	IVB	160	3	P	\$ 1,335,000				
Ames			PD-CW-14-15	Sewer rehabilitation	2014	IIIB	P&D	2	R	\$ 375,000				
Arthur			PD-CW-14-14	Construction of 3rd Cell to existing 2 - Cell	2014	I	P&D	2	R	\$ 85,300				
Cascade			PD-CW-14-16	Treatment	2014		P&D	2	L			9/27/13	\$ 400,000	\$ 400,000
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				
Fairfield	5131001		PD-CW-14-12	Sewer system rehabilitation	2014	IIIB	P&D	2	R	\$ 1,075,000				
Fairfield	5131001		PD-CW-14-13	Sewer System rehabilitation, infiltration/flow correction/ and correction of Combined sewer system overflow	2014	IIIA	P&D	2	R	\$ 1,585,000				
Fairfield	5131001		PD-CW-14-02	Sewer system rehabilitation	2014	IIIB	P&D	2	L			8/23/13	\$ 500,000	\$ 500,000
Iowa DNR-Parks - Big Creek	7700905	S2011-0048	1920680 01	Big Creek Pump Station and Force Main	2014	IVA	245	2	R	\$ 1,313,000				
Iowa DNR-Parks - Geode State Park		S2011-0278	1920681 01	Wastewater Treatment Upgrade	2014	I	235	2	P	\$ 1,111,000				
Lowden			PD-CW-14-11	Construct a Main Lift Station	2014	IIIB	P&D	2	L			10/25/13	\$ 65,000	\$ 65,000
Martensdale	9147001	S2013-0292	1920682 01	Sewer rehabilitation	2014	IIIB	150	2	P	\$ 833,800				
Ashton		S2013-0178	1920678 01	Lift Station Improvements	2014	IIIB	135	1	L			12/6/13	\$ 365,327	\$ 400,000
Battle Creek		S2013-0179	1920677 01	Sewer system rehabilitation	2014	IIIB	150	1	L			11/8/13	\$ 300,677	\$ 263,000
Davenport			DROPPED	WWTP Optimization Project	2014	II	P&D	1	D					
Keokuk			PD-CW-14-06	Replace pumps, install UV disinfection system	2014	II	P&D	1	L			9/27/13	\$ 452,500	\$ 452,500
Wapello	5879001	S2013-0194	1920679 01	Sanitary Sewer Improvements - West Terrace Drive Addition & Bird's Park Addition	2014	IIIB	147	1	L			9/27/13	\$ 432,225	\$ 393,000

Clarion			PD-CW-13-28	Update wastewater treatment plant; install new lagoons and additional waste treatment equipment	2013	II	P&D	4	L			8/23/13	\$ 250,000	\$ 250,000
Elliott	7825001	S2013-0120	1920666 01	Wastewater Collection and Treatment System	2013	IIIA	150	4	R	\$ 300,000				
Gilmore City	7607001	S2013-0101	1920672 01	Rehabilitate and repair poor sections of the sanitary sewer collection system.	2013	IIIB	145	4	R	\$ 760,879				
Granger	2537001	2012-0169	1920667 01	Wastewater treatment plant improvements	2013	II	240	4	P	\$ 4,516,914				
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	P	\$ 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	P	\$ 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	P	\$ 791,446				
Wellman			PD-CW-13-32		2013	I	P&D	4	R	\$ 81,283				
Worthington		S2011-0241	1920676 01	Disinfection Project	2013	II	242	4	P	\$ 131,250				
Clinton	2326001	S2012-0403	1920660 01	25th Avenue North project, part of long-term CSO control plan - construction of a new sanitary and stormwater pump station	2013	IIIB	165	3	L			8/9/2013	\$ 6,615,500	\$ 6,550,000
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				
Dakota City			1920656 01	Infiltration/inflow correction through sewer relining with the goal of reducing treatment costs, increasing system capacity, and staying in compliance with effluent limits	2013	IIIA	135	3	L			9/20/2013	\$ 599,940	\$ 600,000

Denison	2422001	S2013-0081	DROPPED	Connect mobile home park to city sewer system to eliminate failing lagoon; install end user water meters	2013	IVB	205	3	D						
Lambs Grove (supplemental)	5044001	S2012-0157	1920653 01	Sanitary sewer rehabilitation	2013	IIIB	129	3	L			12/6/13	\$ 181,000	\$ 181,000	
Marengo	4843001	S2013-0052	1920661 01	Infiltration/inflow correction to address permit violations at treatment facility	2013	IIIA	162	3	P	\$ 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	C	\$ 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	P	\$ 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		2	P	\$ 1,233,715					
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	P	\$ 450,000					
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	P	\$ 246,238				
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	P	\$ 1,230,000				
Blairsburg	4003001	S2010-0162	1920627 01	Sanitary Collection & Treatment System Evaluation - Improvements	2012	IIIA	139	4	L			9/27/13	\$ 268,569	\$ 265,000
Calamus	23200001	S2012-0126	1920628 01	WWTP Upgrades 2011-add 3rd lagoon cell	2012	I	149	4	P	\$ 925,211				
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				
Colfax	5009001	S2010-0252	1920630 01	Construction of disinfection treatment and lining of sanitary sewer main to reduce I/I	2012	II,IIIA	189	4	L			10/25/2013	\$ 1,040,300	\$ 1,109,000
Conesville	7016000	S2012-0176	1920644 01	Replace pump station & provide emergency diesel-powered generator	2012	IIIB	137	4	C	\$ 80,800				
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				
Elk Horn (supplemental)	8325001	S2012-0128	1920633 02	Sanitary sewer rehabilitation	2012	IIIA	129	4	L			7/26/13	\$ 100,000	\$ 100,000
Elkhart	7730001	S2012-0137	1920634 01	Inflow and infiltration correction	2012	IIIA	129	4	P	\$ 609,030				
Elkhart			PD-CW-12-24		2012		P&D	4	R	\$ 350,000				
Fort Dodge	9433003	S2012-0171	1920646 01	Improvements to wastewater conveyance system	2012	IIIB	155	4	R	\$ 2,038,584				
Hamburg			PD-CW-12-29		2012		P&D	4	R	\$ 100,000				
Holy Cross	3146001	S2011-0049	1920637 01		2012	I	149	4	L			1/24/14	\$ 621,150	\$ 750,000
Oxford			PD-CW-12-23		2012		P&D	4	R	\$ 67,000				
Seymour	9368001	S2012-0062	1920642 01	Sanitary Sewer System Rehabilitation	2012	IIIA	139	4	L			1/24/14	\$ 566,810	\$ 343,000
Wheatland	2394001	S2012-0069	1920643 01	Polishing Reactor Treatment Process	2012	II	189	4	C	\$ 606,000				
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	R	\$ 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				
Mingo	5052001	S2008-0304	1920619 01	Sanitary sewer rehabilitation	2012	IIIA	170	2	L			8/30/13	\$ 513,214	\$ 360,000
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%			
Callender	9417001	S2011-0132	1920616 01	Sewer rehabilitation, bioswale for storm water treatment	2011	IIIA,VIC	129	4	L			10/18/13	\$ 717,125	\$ 600,000
Coralville	N/A	N/A	GNS10-4	Green storm water infrastructure	2011	VII-K	120	4	R	\$ 2,000,000	30%			
Denver	0915001	S2007-0432	1920609 01	Sewer rehabilitation, new wastewater treatment plant	2011	II,IIIA	184	4	R	\$ 6,153,127				
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				
Freeport (Winneshek Co)	9630001	S2010-0118	DROPPED	Sewer rehabilitation, pump station upgrades	2011	IIIB	215	3	D					
Lake Mills	9445001	S2010-0205	DROPPED	Wastewater treatment plant upgrade	2011	II	184	3	D					
Truro	6167001	S2010-0144	1920605 01	Sewer rehabilitation	2011	IIIA	139	3	R	\$ 793,860				
Wyoming	5392001	S2009-0239	1920606 01	Lagoon upgrade	2011	I	97	3	P	\$ 1,480,812				
Anita	1503001	S2010-0173	1920580 01	Sewer rehabilitation	2011	IIIA	139	2	L			8/9/13	\$ 2,251,385	\$ 1,065,000
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	P	\$ 358,550				
Earling	8320001	S2010-0187	1920584 01	Controlled discharge lagoon	2011	II	184	2	P	\$ 2,985,661	30%			
Keokuk (Victory Park)	5640001	S2010-0312	1920596 01	Combined sewer separation	2011	V	199	2	L			12/20/13	\$ 4,585,400	\$ 5,333,000
Massena	1558001	S2010-0129	1920578 01	Sewer rehabilitation	2011	IIIB	149	2	R	\$ 230,000		9/27/13	\$ 675,000	\$ 445,000
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				
Webster City	4063001	S2010-0254	DROPPED	Digester upgrade	2011	II	159	2	D					
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	1920550 01	Lagoon upgrade	2011	II	215	1	R	\$ 303,000				
Carlisle	9113001		PD-CW-10-71		2011	IIIA,IIIB	P&D	1	R	\$ 120,000				

Charles City	3405001	S2010-0232	1920551 01	Disinfection	2011	II	170	1	R	\$ 2,840,120				
Fayette County Board of Supervisors (Prairie View Care Facility)	3300901	S2010-0149	1920534 01	Lagoon upgrade	2011	I	180	1	C	\$ 319,796				
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	C	\$ 7,409,158				
Hull	8444001	S2008-0093	1920516 01	Lagoon upgrade, disinfection	2011	II	184	1	R	\$ 1,955,057				
Joice	Unsewered	S2009-0173	DROPPED	Collection system and force main to convey wastewater to Lake Mills	2011	IVA	150	1	D					
Knoxville	6342001	S2010-0206	1920557 01	Detention basin to store peak wet weather flows	2011	IVB	130	1	C	\$ 3,684,278				
Lamont	1061001	S2010-0116	1920576 01	Lagoon upgrade, pump station upgrade	2011	I	140	1	R	\$ 1,169,665				
Ledyard	Unsewered	S2010-0152	DROPPED	New collection system, decentralized treatment	2011	I	210	1	D					
Libertyville	5148001		PD-CW-10-51		2011	I,IIIA,IIIB, VI	P&D	1	R	\$ 95,000				
New London	4458001	S2010-0155	1920545 01	Wastewater treatment plant upgrade, inflow and infiltration correction	2011	II	190	1	R	\$ 3,765,000				
Newhall	653001	S2010-0115	1920577 01	New wastewater treatment plant	2011	II	120	1	C	\$ 4,383,347				
Ottumwa (Richmond Ave area)	9083001	S2006-0453	1920565 01	Combined sewer separation	2011	V	175	1	P	\$ 3,636,000	30%			
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	\$ 633,000				
Gilbertville	0733001	S2009-0110	1920548 01	New activated sludge treatment plant, disinfection	2010	II	165	4	P	\$ 1,692,760				
Sioux Center	8486002	S2010-0055	DROPPED	Disinfection	2010	II	170	4	D					
St. Charles	6161001	S2006-0539	DROPPED	Sewer rehabilitation	2010	IIIA	139	4	D					
Fayette	3342001	S2008-0323	1920506 01	Wastewater treatment plant upgrade, disinfection	2010	II	187	3	R	\$ 1,031,000				
Ledyard			DROPPED		2010	I,IVA	P&D	3	D					
Mingo	5052001	S2008-0304	1920510 01	Lagoon expansion	2010	I	172	3	R	\$ 1,515,000				
Ottumwa	9083001		DROPPED		2010	V	P&D	3	D					
Wastewater Reclamation Authority	7727001	S2010-0059	DROPPED Westside Supplemental Equalization Basin	Protect pump station and equalization basin from flooding	2010	IIIA	160	3	D					
Wheatland	2394001		PD-CW-10-10		2010	IIIA, IIIB,V	P&D	3	R	\$ 67,000				
Davenport	8222003	S2006-0279	1920490 01	Interceptor sewer	2010	IVB	125	2	P	\$ 28,280,000				
Ida Grove	4728001	S2009-0276	1920493 01	Pump station upgrades, disinfection	2010	II,IIIB	169	2	P	\$ 298,960				
Eagle Grove	9926001	S2009-0202	1920464 01	Sewer rehabilitation	2010	IIIA	129	1	R	\$ 611,923				
Readlyn	0965001	S2009-0030	1920468 01	Disconnect residential groundwater flows to sanitary sewers	2010	IIIA	139	1	P	\$ 1,331,000				
Deloit	2421001	S2009-0109	1920438 01	Lagoon upgrade	2009	I	147	3	D					
Storm Lake	1178001		DROPPED		2009	II, IIIB	P&D	2	D					
Norway	0656001	S2007-0069	DROPPED	Lagoon upgrade	2008	II	159	4	D					
Norway	0656001		DROPPED		2008		P&D	4	D					
Wastewater Reclamation Authority	7727001	S2009-0085	DROPPED	New interceptor sewer to convey wastewater to Wastewater Reclamation Facility	2008	IVB	150	4	D					

Wastewater Reclamation Authority	7727001	S2008-0187	1920375 01	New interceptor sewer to convey wastewater to Wastewater Reclamation Facility	2008	IVB	180	3	R	\$ 30,855,000				
Everly	2115001	S2007-0141	1920344 01	Sewer rehabilitation	2007	IIIB	160	4	C	\$ 753,000				
Hamburg	3621001	S2008-0295	DROPPED	Lagoon expansion, pump station	2000	I, IIIA	152		D					
										\$ 286,436,946			\$ 21,886,122	\$ 20,809,500
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 (*indicates that a business case is required)			V	Correction of combined sewers										
			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										

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

ITEM

12

DECISION

TOPIC

**Contract –University of Iowa State Hygienic Laboratory Small
Watersheds**

Recommendation:

The Department requests Commission approval of a contract in the amount of \$59,262.30 with the State Hygienic Laboratory (SHL) for 1 year(s).

Funding Source:

This project will be funded through State of Iowa Environment First Infrastructure dollars.

Background:

Iowa code 455B.103 requires the DNR to contract with public agencies of the state. SHL was also chosen for this project due to their analysis expertise.

Purpose:

The purpose of this contract is to provide analytical services for water samples submitted by DNR staff or local watershed coordinators.

Consulting Firm Selection Process:

This contractor was chosen using the intergovernmental selection process.

Scope of Work:

For an outline of the **scope of work**, see the attached.

Roger Bruner., Supervisor
Watershed Monitoring and Assessment Section, Iowa Geological and Water Survey
Environmental Services Division

February 26, 2014

Statement of Work. Contractor shall perform the following tasks. Contractor shall complete its obligations under this Contract by the Task Milestone Dates set out in the following table.

Obligation	Task Milestone Date
<p>Task 1: Mitchell County Sample Analysis Description: Contractor shall analyze samples collected and submitted by DNR or project staff for Mitchell County. Samples collected as part of this activity shall be coded as MITCHELL. At least 30 days prior to commencing sample collection, the DNR technical contact will provide to SHL a collection schedule for the sites listed in Table 1A, below, and a list of analytes taken from the list in Table 1B, below. The frequency of and schedule for sampling will be provided by DNR’s technical contact.</p> <p>All samples submitted to SHL by Department shall be coded to a specific monitoring activity and shall include a detailed list of the analyses to be performed unless other arrangements have been made before shipment of the samples to SHL.</p> <p>For analytical results below the quantification limit, the test quantification limit shall be reported as “less than.” Any results including <i>E. coli</i> for tests run on samples after recommended holding times have been exceeded shall be so indicated or qualified as appropriate.</p>	<p>Samples shall be analyzed no later than established holding times stated in Exhibit A and by methods and detection limits in Exhibit B (which is attached to this Contract and is by this reference made a part of this Contract), with the exception of bacteria (<i>E. coli</i>), which shall have a holding time of 30 hours for purposes of this task.</p>
<p>Task 2: Turkey River Sample Analysis Description: Contractor shall analyze samples collected and submitted by DNR or project staff for Turkey River sampling in northeast Iowa. Samples collected as part of this activity shall be coded as TURI. At least 30 days prior to commencing sample collection, the DNR technical contact will provide to SHL a collection schedule for the sites listed in Table 1A, below, and a list of analytes taken from the list in Table 1B, below. The frequency of and schedule for sampling will be provided by DNR’s technical contact.</p> <p>All samples submitted to SHL by Department shall be coded to a specific monitoring activity and shall include a detailed list of the analyses to be performed unless other arrangements have been made before shipment of the samples to SHL.</p> <p>For analytical results below the quantification limit, the test quantification limit shall be reported as “less than.” Any results including <i>E. coli</i> for tests run on samples after recommended holding times have been exceeded shall be so indicated or qualified as appropriate.</p>	<p>Samples shall be analyzed no later than established holding times stated in Exhibit A and by methods and detection limits in Exhibit B (which is attached to this Contract and is by this reference made a part of this Contract), with the exception of bacteria (<i>E. coli</i>), which shall have a holding time of 30 hours for purposes of this task.</p>
<p>Task 3: Upper Iowa River Sample Analysis Description: Contractor shall analyze samples collected and submitted by DNR or project staff for Upper Iowa River sampling in northeast Iowa. Samples collected as part of this activity shall be coded as UIR. At least 30 days prior to commencing sample collection, the DNR technical contact will provide to SHL a collection schedule for the sites listed in Table 1A, below, and a list of analytes taken from the list in Table 1B, below. The frequency of and schedule for sampling will be provided by DNR’s technical contact.</p> <p>All samples submitted to SHL by Department shall be coded to a specific monitoring activity and shall include a detailed list of the analyses to be performed unless other arrangements have been</p>	<p>Samples shall be analyzed no later than established holding times stated in Exhibit A and by methods and detection limits in Exhibit B (which is attached to this Contract and is by this reference made a part of this Contract), with the exception of bacteria (<i>E. coli</i>), which shall have a holding time of 30 hours for purposes of this task.</p>

<p>made before shipment of the samples to SHL.</p> <p>For analytical results below the quantification limit, the test quantification limit shall be reported as “less than.” Any results including <i>E. coli</i> for tests run on samples after recommended holding times have been exceeded shall be so indicated or qualified as appropriate.</p>	
<p>Task 4: Honey Creek Sample Analysis Description: Contractor shall analyze samples collected and submitted by DNR or project staff for Honey Creek sampling in Delaware County. Samples collected as part of this activity shall be coded as HONEYCK. At least 30 days prior to commencing sample collection, the DNR technical contact will provide to SHL a collection schedule for the sites listed in Table 1A, below, and a list of analytes taken from the list in Table 1B, below. The frequency of and schedule for sampling will be provided by DNR’s technical contact.</p> <p>All samples submitted to SHL by Department shall be coded to a specific monitoring activity and shall include a detailed list of the analyses to be performed unless other arrangements have been made before shipment of the samples to SHL.</p> <p>For analytical results below the quantification limit, the test quantification limit shall be reported as “less than.” Any results including <i>E. coli</i> for tests run on samples after recommended holding times have been exceeded shall be so indicated or qualified as appropriate.</p>	<p>Samples shall be analyzed no later than established holding times stated in Exhibit A and by methods and detection limits in Exhibit B (which is attached to this Contract and is by this reference made a part of this Contract), with the exception of bacteria (<i>E. coli</i>), which shall have a holding time of 30 hours for purposes of this task.</p>
<p>Task 5: Little Bear Creek Sample Analysis Description: Contractor shall analyze samples collected and submitted by DNR or project staff for Little Bear Creek sampling in Poweshiek County. Samples collected as part of this activity shall be coded as LTLBEAR. At least 30 days prior to commencing sample collection, the DNR technical contact will provide to SHL a collection schedule for the sites listed in Table 1A, below, and a list of analytes taken from the list in Table 1B, below. The frequency of and schedule for sampling will be provided by DNR’s technical contact.</p> <p>All samples submitted to SHL by Department shall be coded to a specific monitoring activity and shall include a detailed list of the analyses to be performed unless other arrangements have been made before shipment of the samples to SHL.</p> <p>For analytical results below the quantification limit, the test quantification limit shall be reported as “less than.” Any results including <i>E. coli</i> for tests run on samples after recommended holding times have been exceeded shall be so indicated or qualified as appropriate.</p>	<p>Samples shall be analyzed no later than established holding times stated in Exhibit A and by methods and detection limits in Exhibit B (which is attached to this Contract and is by this reference made a part of this Contract), with the exception of bacteria (<i>E. coli</i>), which shall have a holding time of 30 hours for purposes of this task.</p>
<p>Task 6: Steele Branch and Pine Creek Sample Analysis Description: Contractor shall analyze samples collected and submitted by DNR or project staff for Steele Branch and Pine Creek sampling in Delaware County. Samples collected as part of this activity shall be coded as STLSBRNC. At least 30 days prior to commencing sample collection, the DNR technical contact will provide to SHL a collection schedule for the sites listed in Table 1A, below, and a list of analytes taken from the list in Table 1B, below. The frequency of and schedule for sampling will be provided by DNR’s technical contact.</p> <p>All samples submitted to SHL by Department shall be coded to a</p>	<p>Samples shall be analyzed no later than established holding times stated in Exhibit A and by methods and detection limits in Exhibit B (which is attached to this Contract and is by this reference made a part of this Contract), with the exception of bacteria (<i>E. coli</i>), which shall have a holding time of 30 hours for purposes of this task.</p>

<p>specific monitoring activity and shall include a detailed list of the analyses to be performed unless other arrangements have been made before shipment of the samples to SHL.</p> <p>For analytical results below the quantification limit, the test quantification limit shall be reported as “less than.” Any results including <i>E. coli</i> for tests run on samples after recommended holding times have been exceeded shall be so indicated or qualified as appropriate.</p>	
<p>Task 7: Dry Run Creek Sample Analysis Description: Contractor shall analyze samples collected and submitted by DNR or project staff for Dry Run Creek sampling in Black Hawk County. Samples collected as part of this activity shall be coded as DRC. At least 30 days prior to commencing sample collection, the DNR technical contact will provide to SHL a collection schedule for the sites listed in Table 1A, below, and a list of analytes taken from the list in Table 1B, below. The frequency of and schedule for sampling will be provided by DNR’s technical contact.</p> <p>All samples submitted to SHL by Department shall be coded to a specific monitoring activity and shall include a detailed list of the analyses to be performed unless other arrangements have been made before shipment of the samples to SHL.</p> <p>For analytical results below the quantification limit, the test quantification limit shall be reported as “less than.” Any results including <i>E. coli</i> for tests run on samples after recommended holding times have been exceeded shall be so indicated or qualified as appropriate.</p>	<p>Samples shall be analyzed no later than established holding times stated in Exhibit A and by methods and detection limits in Exhibit B (which is attached to this Contract and is by this reference made a part of this Contract), with the exception of bacteria (<i>E. coli</i>), which shall have a holding time of 30 hours for purposes of this task.</p>
<p>Task 8: 12 Mile Lake Sample Analysis Description: Contractor shall analyze samples collected and submitted by DNR or project staff for 12 Mile Lake sampling in Union County. Samples collected as part of this activity shall be coded as 12MLK. At least 30 days prior to commencing sample collection, the DNR technical contact will provide to SHL a collection schedule for the sites listed in Table 1A, below, and a list of analytes taken from the list in Table 1B, below. The frequency of and schedule for sampling will be provided by DNR’s technical contact.</p> <p>All samples submitted to SHL by Department shall be coded to a specific monitoring activity and shall include a detailed list of the analyses to be performed unless other arrangements have been made before shipment of the samples to SHL.</p> <p>For analytical results below the quantification limit, the test quantification limit shall be reported as “less than.” Any results including <i>E. coli</i> for tests run on samples after recommended holding times have been exceeded shall be so indicated or qualified as appropriate.</p>	<p>Samples shall be analyzed no later than established holding times stated in Exhibit A and by methods and detection limits in Exhibit B (which is attached to this Contract and is by this reference made a part of this Contract), with the exception of bacteria (<i>E. coli</i>), which shall have a holding time of 30 hours for purposes of this task.</p>
<p>Task 9: IOWATER Snapshot Sample Analysis Description: Contractor shall analyze samples collected and submitted by DNR or project staff for IOWATER watershed snapshot sampling events in Dry Run Creek in Black Hawk County and streams throughout Scott County. Samples collected as part of this activity shall be coded as SNAPSHOT. At least 30 days prior to commencing sample collection, the DNR technical contact will provide to SHL a collection schedule for the sites listed in Table 1A, below, and a list of analytes taken from the list in Table 1B, below. The frequency of and schedule for sampling will be provided by DNR’s technical</p>	<p>Samples shall be analyzed no later than established holding times stated in Exhibit A and by methods and detection limits in Exhibit B (which is attached to this Contract and is by this reference made a part of this Contract), with the exception of bacteria (<i>E. coli</i>), which shall have a holding time of 30 hours for purposes of this task.</p>

<p>contact.</p> <p>All samples submitted to SHL by Department shall be coded to a specific monitoring activity and shall include a detailed list of the analyses to be performed unless other arrangements have been made before shipment of the samples to SHL.</p> <p>For analytical results below the quantification limit, the test quantification limit shall be reported as “less than.” Any results including <i>E. coli</i> for tests run on samples after recommended holding times have been exceeded shall be so indicated or qualified as appropriate.</p>	
<p>Task 10: 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. The SHL Project Manager shall notify DNR staff when analyses are complete and data is ready for download. Data shall be available for download 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>SHL shall make completed data and results available to DNR via the SHL OpenELIS web portal not later than 15 calendar days after the end of each month.</p> <p>If SHL determines that extra time for analysis should be allowed in specific cases, then a written notification shall be made to the DNR submitter or project manager, stating that analytical results from a sample will be delayed and the reasons for the delay. This notification shall occur as soon as possible but not later than 15 days following receipt of the sample.</p>

Table 1A. Watershed Sampling Locations

Watershed Monitoring Station Locations	Project Code (Task)	STORET #	County
1 Cedar-Orchard	MITCHELL (1)	15340004	Floyd
2 Rock Creek	MITCHELL (1)	15340005	Floyd
2B Rock Creek at Hwy 9	MITCHELL (1)	15660013	Mitchell
3 Spring Creek	MITCHELL (1)	15660001	Mitchell
3A Spring Creek 340th	MITCHELL (1)	15660011	Mitchell
3B Rock Creek at Hwy 9	MITCHELL (1)	15660014	Mitchell
3C Spring Creek Trib Noble Ave	MITCHELL (1)	15660015	Mitchell
3D Spring Creek Trib 319th St	MITCHELL (1)	15660016	Mitchell
6 Halvorsen-Cedar R.	MITCHELL (1)	15660004	Mitchell
7 Willow Creek	MITCHELL (1)	15660005	Mitchell
8 Turtle Creek	MITCHELL (1)	15660006	Mitchell
9 Deer Creek	MITCHELL (1)	15660007	Mitchell
11 Otter Creek	MITCHELL (1)	15660009	Mitchell
11A Dancer 340th	MITCHELL (1)	15660012	Mitchell
12 Cedar R.-State Line	MITCHELL (1)	15660010	Mitchell
CREP Wetland Inflow	MITCHELL (1)	15660017	Mitchell
CREP Wetland Outflow	MITCHELL (1)	15660018	Mitchell
TO1	MITCHELL (1)	15660019	Mitchell
TO2	MITCHELL (1)	15660020	Mitchell
TO3	MITCHELL (1)	15660021	Mitchell
TO4	MITCHELL (1)	15660022	Mitchell
TO5	MITCHELL (1)	15660023	Mitchell
TO6	MITCHELL (1)	15660024	Mitchell
TO7	MITCHELL (1)	15660025	Mitchell
TO8	MITCHELL (1)	15660026	Mitchell
TO9	MITCHELL (1)	15340016	Mitchell
TO10	MITCHELL (1)	15660027	Mitchell
TO11	MITCHELL (1)	15660028	Mitchell

Watershed Monitoring Station Locations	Project Code (Task)	STORET #	County
TO12	MITCHELL (1)	15660017	Mitchell
TO13	MITCHELL (1)	15660018	Mitchell
4 Sugar Creek at Hwy 9	MITCHELL (1)	15660002	Mitchell
3CA Spring Creek near Noble	MITCHELL (1)	TBD	Mitchell
2C Rock Creek at Kirkwood Ave	MITCHELL (1)	TBD	Mitchell
2D Rock Creek near Foothill Ave	MITCHELL (1)	TBD	Mitchell
2E Rock Creek at Cameo Ave	MITCHELL (1)	TBD	Mitchell
RCTO1	MITCHELL (1)	TBD	Mitchell
RCTO2	MITCHELL (1)	TBD	Mitchell
RCTO3	MITCHELL (1)	TBD	Mitchell
RCTO4	MITCHELL (1)	TBD	Mitchell
RCTO5	MITCHELL (1)	TBD	Mitchell
Bass Creek at Mouth (BAS10)	TURI (2)	15330001	Fayette
Bear Creek @ Hamlet Rd (BEA10)	TURI (2)	11220009	Clayton
Bohemian Creek @ 305th Ave(BOH10)	TURI (2)	15960013	Winneshiek
Brockamp Creek (BRO10)	TURI (2)	15960014	Winneshiek
Brush Creek @ Bush Rd/C24 (BRU10)	TURI (2)	15330002	Fayette
South Cedar Creek @ Lower Cedar Rd (CED10)	TURI (2)	15220009	Clayton
Cox Creek @ Highway 13 (COX20)	TURI (2)	15220010	Clayton
Crane Creek @ Spruce Rd (CRA10)	TURI (2)	15330003	Fayette
Crane Creek @ 120th St. (CRA40)	TURI (2)	15190001	Chickasaw
Crane Creek @ A46/150th St (CRA50)	TURI (2)	15450013	Howard
Dry Branch @ 110th St. (DBR30)	TURI (2)	15960015	Winneshiek
Dibble Creek @ Union St. (DIB10)	TURI (2)	15330004	Fayette
Dry Mill Creek @ Grape Rd (DMI10)	TURI (2)	15220011	Clayton
Elk Creek @ Colesburg Rd/X3C (ELK10)	TURI (2)	15220012	Clayton
Grannis Creek @ Fox Road (GRA10)	TURI (2)	15330005	Fayette
Hewett Creek @ Crystal Road (HEW20)	TURI (2)	15220013	Clayton
Howard Creek @ Mouth (HOW10)	TURI (2)	15220014	Clayton
Little Turkey River @ Highway 52 (LIT10)	TURI (2)	15220015	Clayton
Little Turkey River @ Major Rd (LTR10)	TURI (2)	15330006	Fayette
Little Turkey River @ Riverview Dr./Waucoma (LTR30)	TURI (2)	15330007	Fayette
Little Turkey River @ 120th St. (LTR40)	TURI (2)	15190002	Chickasaw
Little Volga River @ Neon Road/W25 (LVR10)	TURI (2)	15330008	Fayette
Lake Meyer Spillway (MEY10)	TURI (2)	15960016	Winneshiek
Mink Creek @ Aztec Road (MIN10)	TURI (2)	15220016	Clayton
Otter Creek @ Mill Street (OTT10)	TURI (2)	15330009	Fayette
Peck Creek @ Mesquite Rd (PEC10)	TURI (2)	11220012	Clayton
Roberts Creek @ Grape Rd (ROB10)	TURI (2)	15220017	Clayton
Roberts Creek @ 206th St/B65 (ROB30)	TURI (2)	15220018	Clayton
Roberts Creek @ Dalmation Ave (ROB50)	TURI (2)	15220019	Clayton
Rogers Creek @ Highway 24 (ROG10)	TURI (2)	15960017	Winneshiek
Silver Creek @ 172nd St. (SIL10)	TURI (2)	11220014	Clayton
Turkey River @ Highway 52 (TR10)	TURI (2)	15220020	Clayton
Turkey River @ Jupiter Road (TR20)	TURI (2)	10220001	Clayton
Turkey River @ Elkader (TR30)	TURI (2)	15220021	Clayton
Turkey River @ Great River Road/B40 (TR50)	TURI (2)	15330010	Fayette
Turkey River @ Great River Road/B40 (TR60)	TURI (2)	15330011	Fayette
Turkey River @ Main St./W14 (TR70)	TURI (2)	15960018	Winneshiek
Turkey River @ 345th St. (TR80)	TURI (2)	15450014	Howard
Turkey River @ V46 (TR90)	TURI (2)	15450015	Howard
Turkey River, North Branch @ 115th St	TURI (2)	15450016	Howard

Watershed Monitoring Station Locations	Project Code (Task)	STORET #	County
(TRN10)			
Unnamed Creek @ B32 (UNT10)	TURI (2)	15960019	Winneshiek
Unnamed Creek @ Volga River Road (UNV10)	TURI (2)	15330012	Fayette
Volga River @ Grandview Rd/X3C (VR10)	TURI (2)	10220002	Clayton
Volga River @ Littleport Rd/X21 (VR20)	TURI (2)	11220008	Clayton
Volga River @ Q Ave (VR40)	TURI (2)	15330013	Fayette
Volga River, North Branch @ Highway 93 (VRN10)	TURI (2)	15330014	Fayette
Wonder Creek @ Main St./W14 (WON10)	TURI (2)	15960020	Winneshiek
Silver Creek at Dove Ave (SIL50)	TURI (2)	TBD	Clayton
Unnamed Creek at Dolphin Ave (UNS15)	TURI (2)	TBD	Clayton
Unnamed Creek at 125th St (UNS25)	TURI (2)	TBD	Clayton
22 Pine Creek East	UIR (3)	190050001	Allamakee
25 Bear Creek	UIR (3)	190050002	Allamakee
26 Waterloo Creek	UIR (3)	190050003	Allamakee
21 Patterson Creek	UIR (3)	190050004	Allamakee
27 Silver Creek East	UIR (3)	190050005	Allamakee
28 Clear Creek	UIR (3)	190050006	Allamakee
29 French Creek	UIR (3)	190050007	Allamakee
30 Upper Iowa River Mouth	UIR (3)	190050008	Allamakee
5 Beaver Creek IA	UIR (3)	190890001	Howard
3 Staff Creek	UIR (3)	190890002	Howard
7 Bigalk Creek	UIR (3)	191910001	Winneshiek
8 Silver West	UIR (3)	191910002	Winneshiek
9 Coldwater Creek	UIR (3)	191910003	Winneshiek
10 Pine Creek West	UIR (3)	191910004	Winneshiek
11 Casey's Spring	UIR (3)	191910005	Winneshiek
12 Ten Mile	UIR (3)	191910006	Winneshiek
13 Dry Run Twin Springs	UIR (3)	191910007	Winneshiek
15 Dry Run Decorah	UIR (3)	191910008	Winneshiek
16 Trout Run	UIR (3)	191910009	Winneshiek
17 Upper Iowa River - Freeport	UIR (3)	191910010	Winneshiek
18 Trout River	UIR (3)	191910011	Winneshiek
19 Coon Creek	UIR (3)	191910012	Winneshiek
20 Canoe Creek	UIR (3)	191910013	Winneshiek
23 South Bear	UIR (3)	191910014	Winneshiek
24 North Bear	UIR (3)	191910015	Winneshiek
32 Siewers Spring	UIR (3)	191910016	Winneshiek
31 Upper Iowa River Bluffton	UIR (3)	191910017	Winneshiek
4 Beaver Creek MN	UIR (3)	270450001	Fillmore
1 N. Branch Upper Iowa	UIR (3)	270990001	Mower
2 Little Iowa	UIR (3)	270990002	Mower
Honey Creek 1	HONEYCK (4)	15280015	Delaware
Honey Creek 3	HONEYCK (4)	15280003	Delaware
Honey Creek 4	HONEYCK (4)	15280017	Delaware
Honey Creek 5	HONEYCK (4)	15280018	Delaware
Honey Creek 6	HONEYCK (4)	15280019	Delaware
Honey Creek 7	HONEYCK (4)	15280020	Delaware
Lindsey Creek 1	HONEYCK (4)	15280022	Delaware
Dry Run 1	HONEYCK (4)	15280011	Delaware
Dry Run 2	HONEYCK (4)	15280012	Delaware
Dry Run 3	HONEYCK (4)	15280013	Delaware
Dry Run 4	HONEYCK (4)	15280014	Delaware
LB3	LTRBEAR (5)	15790003	Poweshiek
LBM1	LTRBEAR (5)	15790008	Poweshiek

Watershed Monitoring Station Locations	Project Code (Task)	STORET #	County
LBM2	LTRBEAR (5)	15790007	Poweshiek
LB4	LTRBEAR (5)	15790004	Poweshiek
LB5	LTRBEAR (5)	15790005	Poweshiek
Pine Creek 1	STLSBRNC (6)	15220048	Clayton
Pine Creek 2	STLSBRNC (6)	15220047	Clayton
Pine Creek 3	STLSBRNC (6)	15220048	Clayton
Pine Creek 4	STLSBRNC (6)	15220049	Clayton
Steeles Branch 1	STLSBRNC (6)	15220050	Clayton
Steeles Branch 2	STLSBRNC (6)	15280025	Clayton
Dry Run Creek at Cedar Falls (Site 1)	DRC (7)	11070008	Black Hawk
Dry Run Creek at Cedar Falls (Site 4)	DRC (7)	11070007	Black Hawk
DRC7 - Dry Run Creek at Union Rd.	DRC (7)	15070004	Black Hawk
Dry Run Creek at Cedar Falls (Site 8D1)	DRC (7)	11070008	Black Hawk
DRC5 - Dry Run Creek at University Ave.	DRC (7)	15070003	Black Hawk
DRC2 - University Branch Dry Run Creek at 18th St.	DRC (7)	15070001	Black Hawk
DRC3 - Dry Run Creek at 18th St.	DRC (7)	15070002	Black Hawk
DRC9 - Southwest Branch Dry Run Creek at Union Rd.	DRC (7)	15070008	Black Hawk
DRC10 - South Branch Dry Run Creek at Viking Rd.	DRC (7)	15070007	Black Hawk
DRC8 - South Branch Dry Run Creek at Greenhill Rd.	DRC (7)	15070005	Black Hawk
DRC11	DRC (7)	TBD	Black Hawk
12m-1	12MLK (8)	13880001	Union
12m-2	12MLK (8)	13880002	Union
12m-5	12MLK (8)	13880005	Union
12m-8	12MLK (8)	13880008	Union
12m-9	12MLK (8)	13880009	Union
12m-11	12MLK (8)	13880011	Union
124	SNAPSHOT (9)	907076	Black Hawk
125	SNAPSHOT (9)	907077	Black Hawk
128	SNAPSHOT (9)	907117	Black Hawk
130	SNAPSHOT (9)	907119	Black Hawk
131	SNAPSHOT (9)	907080	Black Hawk
132	SNAPSHOT (9)	907081	Black Hawk
133	SNAPSHOT (9)	907120	Black Hawk
135	SNAPSHOT (9)	907083	Black Hawk
136	SNAPSHOT (9)	907084	Black Hawk
137	SNAPSHOT (9)	907085	Black Hawk
138	SNAPSHOT (9)	907086	Black Hawk
139	SNAPSHOT (9)	907087	Black Hawk
140	SNAPSHOT (9)	907088	Black Hawk
144	SNAPSHOT (9)	907089	Black Hawk
145	SNAPSHOT (9)	907090	Black Hawk
147	SNAPSHOT (9)	907092	Black Hawk
149	SNAPSHOT (9)	907093	Black Hawk
151	SNAPSHOT (9)	907095	Black Hawk
152	SNAPSHOT (9)	907096	Black Hawk

Watershed Monitoring Station Locations	Project Code (Task)	STORET #	County
153	SNAPSHOT (9)	907097	Black Hawk
154	SNAPSHOT (9)	907098	Black Hawk
156	SNAPSHOT (9)	907100	Black Hawk
157	SNAPSHOT (9)	907101	Black Hawk
158	SNAPSHOT (9)	907102	Black Hawk
164	SNAPSHOT (9)	907105	Black Hawk
165	SNAPSHOT (9)	907106	Black Hawk
166	SNAPSHOT (9)	907107	Black Hawk
169	SNAPSHOT (9)	907125	Black Hawk
170	SNAPSHOT (9)	907134	Black Hawk
171	SNAPSHOT (9)	907142	Black Hawk
172	SNAPSHOT (9)	907143	Black Hawk
173	SNAPSHOT (9)	907144	Black Hawk
175	SNAPSHOT (9)	907145	Black Hawk
176	SNAPSHOT (9)	907146	Black Hawk
178	SNAPSHOT (9)	907147	Black Hawk
BC1	SNAPSHOT (9)	982093	Scott
BC2	SNAPSHOT (9)	982094	Scott
BC3	SNAPSHOT (9)	982095	Scott
BC4	SNAPSHOT (9)	982096	Scott
CC1	SNAPSHOT (9)	982097	Scott
CC2	SNAPSHOT (9)	982098	Scott
CC3	SNAPSHOT (9)	982099	Scott
CC4	SNAPSHOT (9)	982100	Scott
CLC1	SNAPSHOT (9)	982182	Scott
CLC2	SNAPSHOT (9)	982183	Scott
DC3	SNAPSHOT (9)	982103	Scott
DC4	SNAPSHOT (9)	982104	Scott
DC5	SNAPSHOT (9)	982105	Scott
DC6	SNAPSHOT (9)	982106	Scott
DC7	SNAPSHOT (9)	982107	Scott
DC8	SNAPSHOT (9)	982108	Scott
DC9	SNAPSHOT (9)	982109	Scott
DC10	SNAPSHOT (9)	982110	Scott
DC11	SNAPSHOT (9)	982111	Scott
DC12	SNAPSHOT (9)	982112	Scott
DC13	SNAPSHOT (9)	982113	Scott
DC14	SNAPSHOT (9)	982169	Scott
DC16	SNAPSHOT (9)	982171	Scott
GC2	SNAPSHOT (9)	982115	Scott
GC3	SNAPSHOT (9)	982116	Scott
GWC1	SNAPSHOT (9)	982118	Scott
HC1	SNAPSHOT (9)	982189	Scott
NHM1	SNAPSHOT (9)	982120	Scott
PC2	SNAPSHOT (9)	982122	Scott
PGC1	SNAPSHOT (9)	982124	Scott
PGC3	SNAPSHOT (9)	982173	Scott
PGC4	SNAPSHOT (9)	982174	Scott
PWP1	SNAPSHOT (9)	982125	Scott
RC1	SNAPSHOT (9)	982126	Scott

Watershed Monitoring Station Locations	Project Code (Task)	STORET #	County
SC1	SNAPSHOT (9)	982127	Scott
SFC1	SNAPSHOT (9)	982130	Scott
SFC2	SNAPSHOT (9)	982131	Scott
SPC1	SNAPSHOT (9)	982129	Scott
SS9	SNAPSHOT (9)	982057	Scott
SS13	SNAPSHOT (9)	982061	Scott
SS15	SNAPSHOT (9)	982063	Scott
SS18	SNAPSHOT (9)	982066	Scott
SS19	SNAPSHOT (9)	982067	Scott
SS23	SNAPSHOT (9)	982071	Scott
SS25	SNAPSHOT (9)	982073	Scott
SS27	SNAPSHOT (9)	982075	Scott
SS30	SNAPSHOT (9)	982078	Scott
SS33	SNAPSHOT (9)	982081	Scott
SS35	SNAPSHOT (9)	982083	Scott
SS41	SNAPSHOT (9)	982089	Scott
SS43	SNAPSHOT (9)	982091	Scott
SS44	SNAPSHOT (9)	982092	Scott
SS45	SNAPSHOT (9)	982157	Scott
SS49	SNAPSHOT (9)	982161	Scott
SS55	SNAPSHOT (9)	982167	Scott
STS1	SNAPSHOT (9)	982132	Scott

TBD = To Be Determined

Table 1B. Watershed Analytes

Total Phosphorus	Nitrate+Nitrite-Nitrogen
<i>E. coli</i>	Total Suspended Solids
Ammonia-Nitrogen	Total Kjeldahl Nitrogen

Table 1C. Watershed Monitoring Costs

Parameter	Cost/Test	Total # of Samples for Contract on a per Contract Basis	Frequency of Sampling	Total Cost
Ammonia Nitrogen	\$13.50	25	Variable by Task	Variable
Nitrite + Nitrate Nitrogen	\$13.50	1,253	Variable by Task	Variable
Total Kjeldahl Nitrogen	\$34.50	70	Variable by Task	Variable
Total Phosphate (as P)	\$13.50	1,092	Variable by Task	Variable
Total Suspended Solids	\$13.50	25	Variable by Task	Variable
<i>Escherichia coli</i>	\$17.00	1,183	Variable by Task	Variable
SUB-TOTAL	\$105.50		Sub-total	\$54,858.50

Exhibit A. Analytical procedures, maximum holding times, and sample preservation methods for laboratory measurements.

REQUIRED CONTAINERS, PRESERVATION TECHNIQUES, AND HOLDING TIMES				
Analyte	Container	Preservative	Maximum Holding Time	Method
Ammonia Nitrogen	250 ml plastic	Cool, 4°C H ₂ SO ₄ to pH<2	28 days	LAC10-107-06-1J
<i>Escherichia coli</i> Bacteria	120 ml clear plastic	0.008% NA2S2O3; Cool to 4 °C	<30 hours, <10°C for surface water	EPA 1603 (modified mTEC)
Kjeldahl Nitrogen, Total	250 ml plastic	Cool, 4°C H ₂ SO ₄ to pH<2	28 days	LAC10-107-06-2E
Nitrate+Nitrite-Nitrogen	250 ml plastic	Cool, 4°C H ₂ SO ₄ to pH<2	28 days	EPA 353.2
Phosphorus, Total	250 ml plastic	Cool, 4°C H ₂ SO ₄ to pH<2	28 days	LAC10-115-01-1D
Total Suspended Solids	1 liter plastic	Cool, 4°C	7 days	USGS I-3765-85

Exhibit B. Data quality requirements for parameters associated with this contract.

Analyte	Matrix	Method Detection Limit	Estimated Accuracy of True Value	Accuracy Protocol	Estimated Precision (Relative % Difference)
Ammonia Nitrogen as N	Water	0.05 mg/L	+ 14%	Recovery on spikes	RDP < 20%
<i>E. coli</i> Bacteria	Water	10 organisms/100 ml	NA	NA	Three-year Average = 0.21
Kjeldahl Nitrogen, Total	Water	0.1 mg/L	+/- 10%	Recovery on spikes	RPD <20%
Nitrate+Nitrite-Nitrogen	Water	0.05 mg/L	±0.1 low level	Recovery on spikes	RDP < 20%
Phosphate, Total	Water	0.02 mg/L	±5%	Recovery on spikes	RPD <20%
Total Suspended Solids	Water	1 mg/L	± 10%	EPA check samples	RPD <20%

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

ITEM

13

DECISION

TOPIC

Referrals to the Attorney General

The Director requests the referral of the following to the Attorney General for appropriate legal action. Litigation reports have been provided to the commissioners and are confidential pursuant to Iowa Code section 22.7(4). The parties have been informed of this action and may appear to discuss this matter. If the Commission needs to discuss strategy with counsel on any matter where the disclosure of matters discussed would be likely to prejudice or disadvantage its position in litigation, the Commission may go into closed session pursuant to Iowa Code section 21.5(1)(c).

- Peeters Development Co. Inc., dba Mt. Joy Mobile Home Park (Scott County) – Wastewater

Edmund J. Tormey, Chief
Legal Services Bureau

February 26, 2014

LITIGATION REPORT

Prepared By: Diana Hansen
Date: February 19, 2014

I. Summary

The Department of Natural Resources (Department) seeks referral of Peeters Development Co. Inc. D/B/A Mt. Joy Mobile Home Park (Peeters) to the Attorney General's Office for appropriate enforcement action due to violations related to its NPDES permit, failure to submit monthly operation reports (MORs), late submittal of MORs, and failure to comply with the schedule in the NPDES permit. This referral includes the following violations:

1. Operation of a wastewater disposal system contrary to any condition of the NPDES permit and failure to comply with all conditions of the NPDES permit,
2. Violation of the rule requirement to timely submit MORs,
3. Violation of the effluent limits of the NPDES permit,
4. Failure to comply with the monitoring requirements of the NPDES permit and failure to comply with the compliance schedule in the NPDES permit,
5. Failure to comply with the NPDES permit requirements for proper operation and maintenance, and
6. Failure to have a properly certified operator as required by Department administrative consent order.

Peeters has a history of violations related to failure to timely submit MORs, failure to comply with permit effluent limits, failure to properly operate and maintain the wastewater treatment facility (WWTF) and failure to have a certified operator. Peeters was issued an administrative order in 1996. The administrative order was issued due to NPDES permit effluent limit violations and due to operation and maintenance deficiencies. Following Department inspections in 2003 and 2004 of the WWTF, the Department issued notices of violation (NOVs) informing Peeters of NPDES permit effluent limit violations, failure to properly operate and maintain the WWTF, and Department rule violations for failure to timely submit MORs. Following these NOVs, the Department issued a second administrative order to Peeters. The administrative order addressed operation and maintenance deficiencies, NPDES permit effluent limit violations, failure to have a certified operator, and failure to comply with monitoring and reporting requirements, including failure to timely submit MORs. Peeters filed a timely appeal of the administrative order.

Following issuance of the administrative order, the Department sent Peeters an NOV letter on May 22, 2006, notifying the facility owner of NPDES permit effluent limit violations and failure to timely submit MORs. On July 31, 2007, the Department issued an administrative consent order to settle the appeal. In the administrative consent order, Peeters agreed to retain a Grade II Certified Operator, maintain the WWTF as required by

LITIGATION REPORT for EPC MEETING

the NPDES permit, submit all MORs timely (within fifteen days of the close of each month), and pay an administrative penalty of \$5,000.00. Peeters paid the administrative penalty.

Following issuance of the administrative consent order in 2007, Peeters was issued NOV's in 2008, 2009, 2010, 2012, and 2013 relating to the WWTF at the Mt. Joy Mobile Home Park. Peeters was notified of its failure to submit MORs timely by 2008, 2009, 2012, and 2013 NOV's. The Department notified Peeters of its failure to have a properly certified operator in NOV's and other communications in 2009, 2010 and 2012. Peeters was notified of NPDES permit effluent limit violations by NOV's issued in 2009, 2010 and 2012. The Department informed Peeters of its failure to maintain its WWTF on July 1, 2009 and required Peeters to submit an engineering report by November 1, 2009, which was submitted late.

II. Alleged Violator

Peeters Development Co. Inc. D/B/A Mt. Joy Mobile Home Park
Fred A. Peeters, President
5365 190th Street
Davenport, Iowa 52802

Daniel W. Peeters
Mt. Joy Mobile Home Park
21445 Scott Park Road
Davenport, Iowa 52807

III. Description of Facility

Peeters owns the Mt. Joy Mobile Home Park located in Section 25, T79N, R3E, Scott County. Fred A. Peeters is president of this company. Daniel W. Peeters manages this mobile home park and operates the WWTF for the mobile home park. Mr. Peeters is not a certified wastewater operator. The WWTF serving this mobile home park consists of a package activated sludge plant and a polishing lagoon. The facility serves approximately 65 mobile homes with about 200 residents. The facility has a design population of 168 persons.

Treated wastewater from the WWTF for this mobile home park is discharged to Crow Creek, pursuant to Iowa NPDES Permit No. 6-82-22-6-03. The NPDES permit for this WWTF expired on August 5, 2006 and was renewed on August 20, 2012. The current permit contains effluent limitations for the discharge of pollutants, including but not limited to carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), pH, ammonia nitrogen and E. Coli. The current permit includes a schedule for an effluent monitoring study for ammonia nitrogen and E. Coli. Final limits for ammonia nitrogen and E. Coli become effective on August 1, 2017 under the current permit.

LITIGATION REPORT for EPC MEETING

IV. Alleged Violations

a. Facts

1. On February 12, 2008, the Department notified Peeters by an NOV of failure to submit MORs timely.
2. Following a routine inspection on February 17, 2009, Peeters was notified by an NOV issued on March 13, 2009 of NPDES permit effluent limit violations, MOR report parameter violations, failure to submit MORs timely, failure to have a properly certified operator, and failure to maintain the WWTF.
3. On July 1, 2009 following a site visit, the Department notified Peeters by an NOV that an NPDES permit limit was exceeded for a sample collected during the site visit. Peeters was required to submit a written engineering report to the Department by November 1, 2009. The NOV required the facility owner to comply with the conditions of the administrative consent order issued July 31, 2007 and to remove trees from the outside berms by November 1, 2009.
4. On September 29, 2009, the Department notified Peeters by an NOV of its failure to hire a certified Grade II wastewater operator. The NOV letter required Peeters to obtain the services of a certified Grade II wastewater operator by December 1, 2009.
5. By a one page letter dated December 18, 2009, an engineer hired by Peeters informed Peeters that he had inspected the WWTF serving the Mt. Joy Mobile Home Park on November 30, 2009 and that he “thought that the facility looked and was in compliance with the NPDES permit.” The letter explained that an earlier grab sample test result by the Department that exceeded the seven day average permit limits was “probably the result of some equipment malfunctions that have since been repaired or replaced.” The letter stated that the plant was meeting the current permit limits and could meet them in the future. The engineer’s letter commented on the trees growing on the creek side of the polishing lagoon. The letter stated that he did not see any indication of damage to the lagoon berm from the trees. In response to Department questions concerning the WWTF’s ability to meet proposed water quality standards, the engineer indicated that he would need to see the revised limits in order to make that determination.
6. On November 15, 2010, the Department received a complaint from the Scott County Health Department of a discharge from the wastewater lagoon. The Department conducted a site visit on November 17, 2009 to investigate the complaint. The Department notified Peeters by an NOV on December 6, 2010 that the 7 day NPDES permit effluent limit for TSS was exceeded for a sample collected from wastewater being discharged from the WWTF during the investigation. The Department’s environmental specialist observed wastewater being discharged from the WWTF into a storm sewer that leads to a nearby creek. Frank Peeters, who was on site, explained that treated

LITIGATION REPORT for EPC MEETING

wastewater from the activated sludge plant was being diverted around the polishing pond so that sludge could be removed from the polishing pond. A backhoe was removing sludge from the polishing pond and placing it into a truck to be transported off site.

7. On June 20, 2012, the Department issued an NOV following a routine inspection of the WWTF. The NOV was issued due to permit effluent limit violations, failure to timely submit MORs, and failure to report all required operational data on MORs. The NOV also informed Peeters that the facility was not in compliance with the 2007 consent order that required the facility to retain a certified operator to oversee facility operations. The NOV required Peeters to retain a Grade II certified operator. The inspection report required the facility owner to comply with all monitoring and reporting requirements specified in the NPDES permit and to maintain the treatment plant in good working order and to operate it as efficiently as possible.

8. On September 1, 2012, the Department's NPDES Permits Section issued a renewed NPDES permit to Peeters and sent Peeters a copy of the NPDES permit. On September 5, 2013, the Department sent Peeters a copy of the renewed NPDES permit and an updated form for MORs. The Department's letter informed Peeters that the renewed NPDES permit included new monitoring limits and that some of the sample collection types had changed. The letter also informed Peeters of the compliance schedule for ammonia and E. Coli included in the renewed NPDES permit.

9. On December 18, 2012, the Department issued an NOV for failure to submit MORs timely and for violation of the compliance schedule in the NPDES permit. The NPDES permit issued on September 1, 2012 required Peeters to begin an effluent monitoring study for ammonia and E-Coli by October 1, 2012 and to provide the Department with written notice of compliance with all scheduled events within 14 days following all dates of compliance. The letter informed Peeters that it had missed a compliance date and had not submitted a required written notice.

10. On March 14, 2013, the Department issued an NOV for failure to submit MORs timely and for failure to comply with the NPDES permit compliance schedule.

11. On May 30, 2013, the Department issued an NOV for failure to submit MORs timely and for failure to comply with the NPDES permit schedule.

b. Law

1. Iowa Code 455B.186 Prohibited actions.

1. A pollutant shall not be disposed of by dumping, depositing, or discharging such pollutant into any water of the state, except that this section shall not be construed to prohibit the discharge of adequately treated sewage, industrial waste, or other waste in accordance with rules adopted by the commission. A pollutant whether treated or

LITIGATION REPORT for EPC MEETING

untreated shall not be discharged into any state-owned natural or artificial lake except as authorized in subsection 2.

2. Department subrule 567 IAC 62.1(1) states that the “discharge of any pollutant from a point source into a navigable water is prohibited unless authorized by an NPDES permit.”

3. Department subrule 567 IAC 64.3(1) states that “no person shall operate any wastewater disposal system or part thereof without, or contrary to any condition of, an operation permit issued by the director.” Department subrule 567 IAC 64.7(4)“e” provides that failure to comply with a permit requirement is considered a violation of the permit and could result in enforcement action or permit suspension, revocation or modification.

4. Department rule 567 IAC 63.7 provides for the submission of records of operation for WWTFs to the Department. Under this rule MORs are required to be submitted to the Department within fifteen days following the close of the reporting period and in accordance with monitoring requirements derived from chapter 63 and included in the operation permit for the facility. Rule 63.9 requires MORs to include the results of all monitoring specified in or authorized by chapter 63. NOV letters issued as a result of inspections and review of monitoring data for the Peeters WWTF set forth violations of the monitoring and reporting requirements for this facility.

5. The NPDES permit for the Peeters WWTF requires that this WWTF be adequately operated and maintained. Standard condition 8 of the permit provides that all facilities and control systems shall be operated as efficiently as possible and maintained in good working order. This standard permit condition is based upon subrule 64.7(7)“f”. This subrule states “the permittee at all times shall maintain in good working order and operate as efficiently as possible any facilities and systems of control to achieve compliance with the terms and conditions of the permit.” Based on the inspection reports for this facility, there has not been proper operation and maintenance of this facility.

6. Iowa Code section 455B.191(5) authorizes the Attorney General to institute legal proceedings necessary to secure enforcement of the water quality provisions of the law. Iowa Code section 455B.191(2) authorizes civil penalties not to exceed \$5,000 per day of violation of statutory provisions, permits, rules or orders. Iowa Code section 455B.191(3) authorizes more serious criminal sanctions for negligent or knowing violations.

V. Witnesses

The following Department personnel will be potential witnesses: Josh Sobaski, Environmental Specialist, Field Office No. 6 and Brian Lee, Environmental Specialist, Field Office No. 6.

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

ITEM

14

DECISION

TOPIC **Contract with Surdex Corporation for LiDAR collection of 1,305 square miles in NE Iowa**

Recommendations:

Commission approval is requested for a two year-service contract with Surdex Corporation of Chesterfield, MO. The contract will begin on March 19, 2014 and terminate on June 30, 2016. The total amount of this contract shall not exceed \$320,000. 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 a Community Development Block Grant (CDBG) for Iowa to perform floodplain mapping.

Background:

The DNR is currently developing new, accurate floodplain maps for the entire state based on LiDAR elevation data. Funding for this effort is primarily being provided by a \$15 million Community Development Block Grant awarded to the DNR following the 2008 floods. Approximately 1,185 square miles of the original statewide LiDAR data in NE Iowa were collected when the tree canopy had advanced to the point where the data collection was obstructed (see attached map). Currently, these data will not support accurate mapping of the floodplains.

Purpose:

The parties propose to enter into this Contract for the purpose of retaining the Contractor to provide: LiDAR collection services for 1,305 square miles located in NE Iowa.

Contractor Selection Process:

Surdex Corporation was chosen using the competitive bidding process by the Iowa Department of Transportation (DOT). The DOT has allowed the DNR to partner with them on their contract in order to provide increased efficiencies to the State of Iowa while also providing a more attractive bidding opportunity for perspective vendors. The DOT does a great deal more airborne data collection projects than DNR so their expertise in selecting contractors and managing projects of this nature is superior to the DNR.

Contract History:

This is the first LiDAR collection effort pursued by the DNR since the statewide collection was performed by the US Geological Survey beginning in 2005.

Chris Ensminger

GIS Section Supervisor

Iowa Geological and Water Survey Bureau, Environmental Services Division

3/18/2014

Attachment(s): DOT Project Work Order for Contract

PROJECT WORK ORDER

Contract Number 9563D

Work Order No. 5

This work order is part of a 28E agreement executed on 11-1-12 between the Iowa Department of Natural Resources(DNR) and the Iowa Department of Transportation(DOT) for Airborne LiDAR acquisition, in which the DNR agrees to compensate DOT for services performed by the DOT's consultant. The work shall be performed as part of the above referenced Base or Supplemental Agreement between Surdex Corporation and the Iowa Department of Transportation. This base agreement was executed on February 1, 2013.

Project Description: The work to be performed under this agreement shall encompass and include all detail work, services, materials, equipment and supplies necessary to prepare and deliver airborne LiDAR.

Scope of Consultant Services:

To acquire LiDAR at 1 meter posting, provide survey ground control, process to bare earth and hydro flatten approximately 1,305 Sq. miles of LiDAR data located in NE Iowa in the Counties of Worth, Mitchell, Howard, Winnesheik, Allamakee, Cerro Gordo, Floyd, Chickasaw, Franklin, Butler, Bremer, Black Hawk, Clayton, Buchanan, Delaware and Linn Counties. A Map showing the area of coverage is in Attachment A.

The LiDAR data shall meet the following criteria:

1.0 meter average posting; Scan frequency and angles based on project area terrain and land cover ; Vertical Accuracy: Bare Earth: 18.5 cm RMSE Vegetation: 37 cm RMSE ; Horizontal Accuracy: 1 meter RMSE ; for bare earth elevation models: 89% of artifacts or more removed; depending on terrain and vegetation ; 90% of all outliers removed ; 90% of all vegetation removed 93% of all buildings removed.

Deliverable: The bare earth model classified as 2, as well as the full point cloud shall be provided in LAS 1.2 data format in UTM Zone 15 with metric units on DVD or hard drive.

Obligation of State to *Consultant*:

1. Map of area requiring lidar coverage.

Time of Beginning and Completion:

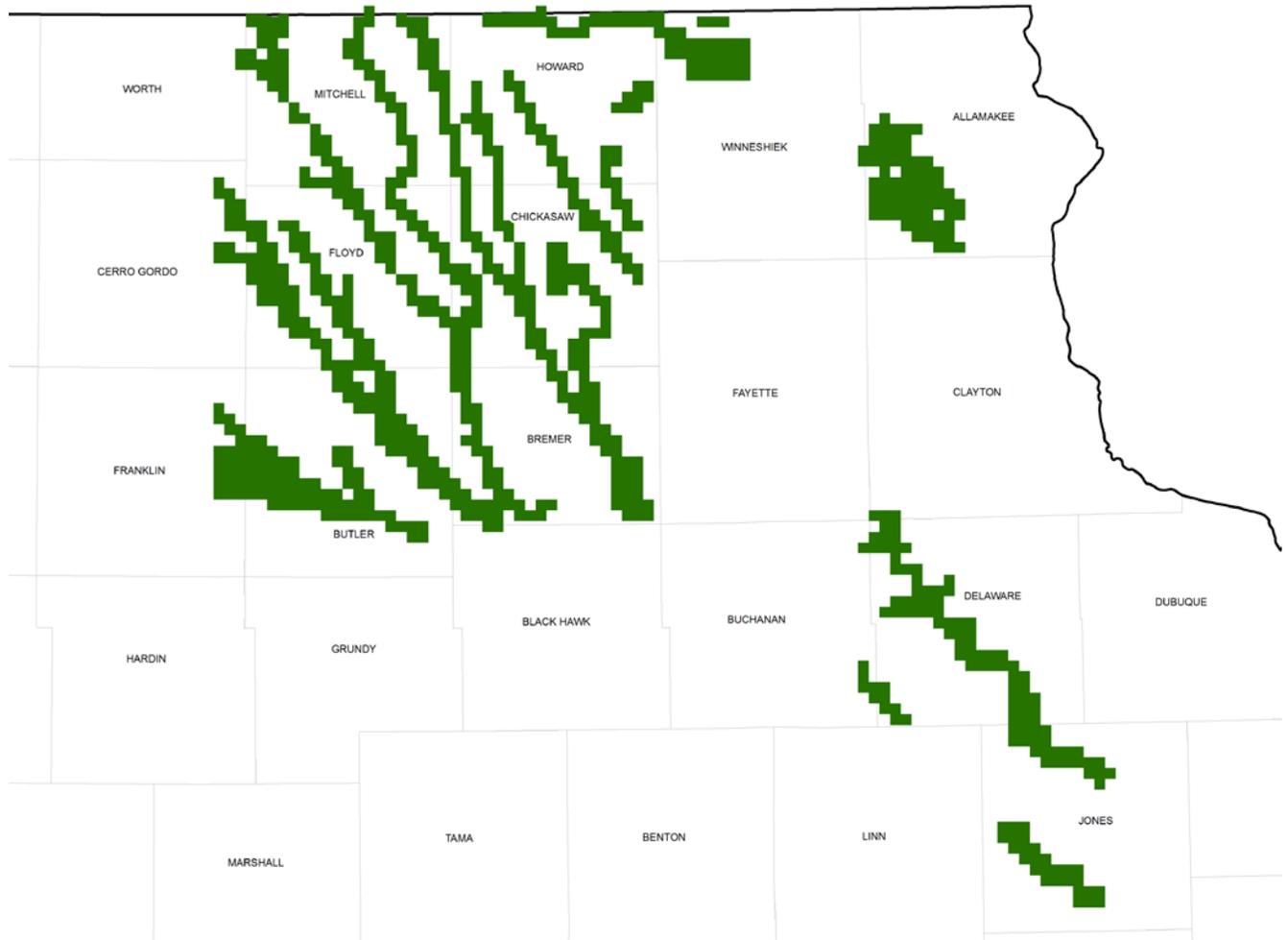
Date to Proceed – March 19, 2014, as conditions allow
Date to Complete LiDAR Acquisition– April 15, 2014
Date to deliver LiDAR Data- Within 30 days of acquisition
Work Order ending date – June 15, 2014

Subconsultants: None

Compensation: Lump Sum _X_ or Unit Price ___

Costs for this Work Order will be segregated from all previous work orders. Costs are as detailed on page 2 of this work order.

Attachment A: NE Iowa - Lidar Project



Iowa Department of Natural Resources Environmental Protection Commission

ITEM

15

DECISION

TOPIC

Notice of Intended Action: Chapters 64 and 65-amendments requiring CAFOs to comply with NPDES permit requirements

The Iowa Legislature directed the Commission to adopt rules requiring confinement feeding operations that are concentrated animal feeding operations (CAFOs) to comply with applicable National Pollutant Discharge Elimination System (NPDES) permit requirements. These rules “shall be no more stringent” than the requirements in U.S. EPA’s rules set out in 40 CFR Parts 122 and 412. See Iowa Code §459.311(2). Adoption of the proposed rule is also required by the Work Plan entered into between the Department and U.S. EPA on September 11, 2013. Pursuant to the Work Plan, the Department is required to recommend to the Commission that it “incorporate by reference the federal regulations necessary to fully implement the NPDES permitting program for confinement CAFOs that discharge to waters of the U.S.” To meet these requirements, the Department has drafted a proposed rule that incorporates by reference U.S. EPA’s CAFO rule. See Item 7 of the attached draft Notice of Intended Action (NOIA). In recommending adoption of the federal CAFO rules, the Department is also recommending to the Commission that it rescind the outdated term “operation permit” from the confinement feeding operation rules. See Items 2, 5 and 6 of the attached draft NOIA. The proposed amendments eliminate the need for “operation permits” in the confinement animal feeding operation program.

In addition, the proposed amendments also incorporate the Work Plan requirement that the Department recommend to the Commission that it “adopt by reference federal regulations that fully implement the NPDES permitting program with respect to land application setback and separation distances for open feedlot CAFOs.” To meet this requirement, the Department drafted a proposed rule that incorporates by reference the federal setback requirements. See Item 8 of the attached draft NOIA. To ensure equivalency with the open feedlot program, the Department is also proposing that the Commission adopt this setback requirement for confinement feeding operations as well. See Items 3 and 4 of the attached draft NOIA.

Lastly, to assist stakeholders in understanding how the basic NPDES permitting requirements in 567 IAC Chapter 64 apply to the more specific requirements for CAFOs in 567 IAC Chapter 65, the Department is recommending changes to the existing rule that outlines how these two chapters work in conjunction with each other regarding NPDES CAFO permits. See Item 1 of the attached draft NOIA.

By letter dated January 23, 2014, U.S. EPA Region 7 informed the Department that the proposed amendments “meet the requirements ... of the Work Plan and ensure that Iowa’s NPDES authorities are consistent with federal requirements.”

Bill Ehm
Administrator
Environmental Services Division

ENVIRONMENTAL PROTECTION COMMISSION[567]

Notice of Intended Action

Pursuant to the authority of Iowa Code sections 459.103(3), 459.311(2) and 459A.104(1) the Environmental Protection Commission (Commission) proposes to amend Chapter 64, “Wastewater Construction and Operation Permits,” and Chapter 65, “Animal Feeding Operations,” Iowa Administrative Code.

The Iowa Legislature has directed the Commission to adopt rules requiring confinement feeding operations that are concentrated animal feeding operations (CAFOs) to comply with applicable National Pollutant Discharge Elimination System (NPDES) permit requirements. These rules “shall be no more stringent” than the requirements in U.S. EPA’s rules set out in 40 CFR Parts 122 and 412. See Iowa Code §459.311(2). Adoption of the proposed rule is also required by the Work Plan Agreement (Work Plan) entered into between the Department of Natural Resources (Department) and U.S. EPA on September 11, 2013. The Work Plan required that the Department recommend to the Commission the adoption of certain rules, including the adoption by reference of “federal regulations necessary to fully implement the NPDES permitting program for confinement CAFOs that discharge to waters of the U.S.”

In light of the reasons above, the Commission is now proposing a rule that incorporates by reference U.S. EPA’s CAFO rule. See Item 7 of the proposed rule. The Commission is also rescinding the outdated term “operation permit” from the confinement feeding operation rules. See Items 2, 5 and 6 of the proposed rule. This proposed rule eliminates the need for “operation permits” in the confinement animal feeding operation program.

In addition, the proposed rule also incorporates the Work Plan requirement that the Department recommend to the Commission that it “adopt by reference federal regulations that fully implement the NPDES permitting program with respect to land application setback and separation distances for open feedlot CAFOs.” The Commission considered this recommendation and is now proposing a rule that incorporates by reference the federal setback requirements. See Item 8 of the proposed rule. To ensure equivalency with the open feedlot program, the Commission is also proposing this setback requirement for confinement feeding operations as well. See Items 3 and 4 of the proposed rule.

To assist stakeholders in understanding how the basic NPDES permitting requirements in 567 IAC Chapter 64 apply to the more specific requirements for CAFOs in 567 IAC Chapter 65, the Commission is proposing changes to the existing rule that outlines how these two chapters work in conjunction with each other regarding NPDES CAFO permits. See Item 1 of the proposed rule.

By letter dated January 23, 2014, U.S. EPA Region 7 informed the Department that the proposed rule “meet the requirements ... of the Work Plan and ensure that Iowa’s NPDES authorities are consistent with federal requirements.”

Jobs Impact Statement

After analysis and review of this rule making, the Commission has determined that jobs could be negatively impacted. However, in complying with Iowa Code §459.311(2), which requires the rules to be no more stringent than the federal regulations, and by including only federal regulations essential to fully implement the NPDES permit program for confinement feeding operations, the Commission has necessarily minimized adverse impacts on jobs.

Any interested person may make written suggestions or comments on the proposed rule on or before _____. Written comments should be directed to Gene Tinker, Iowa Department of Natural Resources, Wallace State Office Building, 502 E. 9th Street, Des Moines, Iowa 50319-0034; fax (515)281-8895; or E-mail gene.tinker@dnr.iowa.gov.

Also, there will be public hearings as follows, at which time persons may present their views either orally or in writing:

_____, 2014	6 p.m.	Washington County Conservation Board Education Center, Marr Park 2943 Highway 92 Ainsworth
_____, 2014	6 p.m.	Northeast Iowa Community College Dairy Center, Room 115 1527 Highway 150 South Calmar
_____, 2014	6 p.m.	Lime Creek Nature Center 3501 Lime Creek Road Mason City
_____, 2014	6 p.m.	Clay County Administration Building Boardroom 300 W. 4 th Street Spencer
_____, 2014	6 p.m.	Carroll County Courthouse Meeting Room 114 E. 6 th Street Carroll
_____, 2014	11 a.m.	Wallace State Office Building Fourth Floor Conference Room 502 E. 9 th Street Des Moines

At the hearings, persons will be asked to give their names and addresses for the record and to confine their remarks to the subject of the proposed rule.

Any persons who intend to attend a public hearing and have special requirements, such as those related to hearing or mobility impairments, should contact the Department and advise of specific needs.

The proposed rule is intended to implement Iowa Code chapters 455B, 459, 459A, and 459B.

The following amendments are proposed.

ITEM 1. Amend rule 567—64.18(455B) as follows:

567—64.18(455B) Applicability. This chapter shall apply to all waste disposal systems treating or intending to treat sewage, industrial waste, or other waste except waste resulting from livestock or poultry operations. All livestock and poultry operations constituting animal feeding operations as defined in 567—Chapter 65 shall be governed by the requirements contained in Chapter 65. However, ~~if an animal feeding operation is required to apply for and obtain an NPDES permit~~, the provisions of this chapter ~~relating~~ concerning NPDES permits which relate to notice and public participation, to the terms and conditions of the permit, to the reissuance of the permit and to monitoring, reporting and record-keeping activities shall apply to animal feeding operations which are required to apply for and obtain an NPDES permit to the extent that such requirements are not inconsistent with 567—Chapter 65.

ITEM 2. Amend rule 567—65.1(459,459B) by rescinding the definition of “operation permit.”

ITEM 3. Amend paragraph 65.3(3)“g” as follows:

b. Designated areas. A person shall not apply manure on land within 200 feet from a designated area, or in the case of a high-quality water resource, within 800 feet, unless one of the following applies:

(1) The manure is land-applied by injection or incorporation on the same date as the manure was land-applied. ~~For purposes of the NPDES permit program if applicable, the person must also demonstrate that a setback or buffer is not necessary because implementation of alternative conservation practices or field-specific conditions will provide pollutant reductions equivalent to or better than the reductions that would be achieved by the 100-foot setback required by 40 CFR 412.4(c)(5).~~

(2) An area of permanent vegetation cover, including filter strips and riparian forest buffers, exists for 50 feet surrounding the designated area other than an unplugged agricultural drainage well or surface intake to an unplugged agricultural drainage well, and the area of permanent vegetation cover is not subject to manure application.

ITEM 4. Adopt **new** paragraph 65.3(3)“h” as follows:

h. *Setback requirements for confinement feeding operations with NPDES permits.* The following is adopted by reference: 40 CFR 412.4(a), (b) and (c)(5), as amended through July 30, 2012.

ITEM 5. Rescind and reserve rule 567—65.4(459,459B).

ITEM 6. Amend subrule 65.5(2) as follows:

65.5(2) If departmental evaluation determines that any of the conditions listed in subrule 65.5(1) exist, the operation shall:

~~a. Apply for an operation permit if the operation receives a written notification from the department that it is required to apply for an operation permit. However, no operation with an animal capacity less than that specified in the following subparagraphs shall be required to apply for a permit unless manure from the operation is discharged into a water of the state through a man-made manure drainage system or is discharged into a water of the state which traverses the operation:~~

~~(1) 300 beef cattle.~~

~~(2) 200 dairy cattle.~~

~~(3) 750 butcher and breeding swine (over 55 lbs.).~~

~~(4) 3000 sheep or lambs.~~

~~(5) 16,500 turkeys.~~

~~(6) 30,000 broiler or layer chickens.~~

~~(7) 150 horses.~~

~~(8) 300 animal units.~~

b. ~~Institute~~ institute necessary remedial actions to eliminate the conditions if the operation receives a written notification from the department of the need to correct the conditions. This paragraph shall apply to all permitted and unpermitted animal feeding operations, regardless of animal capacity.

ITEM 7. Rescind rule 567—65.6(459,459B) and adopt the following new rule in lieu thereof:

567--65.6(459,459B) Concentrated animal feeding operations; NPDES permits. Iowa Code subsection 459.311(2) requires a confinement feeding operation that is a concentrated animal feeding operation as defined in 40 CFR 122.23(b) to comply with applicable NPDES permit requirements pursuant to rules adopted by the commission. The following regulations, as amended through July 30, 2012, are adopted by reference:

- 40 CFR 122.21-Application for a permit
- 40 CFR 122.23-Concentrated animal feeding operations
- 40 CFR 122.42(e)-Additional conditions applicable to specified categories of NPDES permits
- 40 CFR 122.63(h)-Minor modification of permits
- 40 CFR Part 412-Concentrated Animal Feeding Operations (CAFO) Point Source Category

ITEM 8. Amend paragraphs 65.101(6)“b” and “c” as follows:

b. Designated areas. A person shall not apply manure on land within 200 feet from a designated area or, in the case of a high-quality water resource, within 800 feet, unless one of the following applies:

(1) The manure is land-applied by injection or incorporation on the same date as the manure was land-applied. ~~For purposes of the NPDES permit program if applicable, the person must also demonstrate that a setback or buffer is not necessary because implementation of alternative conservation practices or field-specific conditions will provide pollutant~~

~~reductions equivalent to or better than the reductions that would be achieved by the 100-foot setback required by 40 CFR 412.4(c)(5).~~

(2) An area of permanent vegetation cover, including filter strips and riparian forest buffers, exists for 50 feet surrounding the designated area other than an unplugged agricultural drainage well or surface intake to an unplugged agricultural drainage well, and the area of permanent vegetation cover is not subject to manure application.

c. CAFOs.

(1) Land application discharges from a CAFO are subject to NPDES requirements. The discharge of manure, process wastewater, settled open feedlot effluent, settleable solids and open feedlot effluent to waters of the United States from a CAFO as a result of the application of that manure, process wastewater, settled open feedlot effluent, settleable solids and open feedlot effluent by the CAFO to land areas under its control is a discharge from that CAFO subject to NPDES permit requirements, except where the discharge is an agricultural storm water discharge as provided in 33 U.S.C. 1362(14). For the purpose of this paragraph, where the manure, process wastewater, settled open feedlot effluent, settleable solids or open feedlot effluent has been applied in accordance with site-specific nutrient management practices that ensure appropriate agricultural utilization of the nutrients in the manure, process wastewater, settled open feedlot effluent, settleable solids and open feedlot effluent as specified in 65.112(8), a precipitation-related discharge of manure, process wastewater, settled open feedlot effluent, settleable solids and open feedlot effluent from land areas under the control of a CAFO is an agricultural storm water discharge.

(2) Setback requirements for open feedlot operations with NPDES permits. The following is adopted by reference: 40 CFR 412.4(a), (b) and (c)(5), as amended through July 30, 2012.

Date

Chuck Gipp, Director

**DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION COMMISSION
ATTORNEY GENERAL REFERRALS
March, 2014**

Name, Location and Region Number	Program	Alleged Violation	DNR Action	New or Updated Status	Date
Grain Processing Corporation Muscatine (6) UPDATED	Air Quality	Operation Without (PSD) Permit; Emission Standards – Particulate; Failure to Comply - MON; Construction Without WW Permit	Referred to Attorney General	Referred	4/19/11
	Wastewater			Petition Filed	12/01/11
				Answer	1/10/12
				CLAM Motion to Intervene	1/24/12
				Hearing on Intervention	4/03/12
				Ruling Granting CLAM Intervention	6/25/12
				Trial Date	5/19/14
			Amended and Substituted Petition	7/24/13	
Iowa Farm Bureau Federation et. al. Polk Co. (5)	Wastewater	Judicial Review of Antidegradation Rules	Attorney General	Petition Filed	10/04/10
				State's Answer	10/27/10
				Motion to Intervene by Sierra Club	11/03/10
				Motion to Intervene by Iowa Environmental Council and Environmental Law & Policy Center	12/15/10
				Hearing on Intervention	1/20/11
				Ruling Granting Intervention	2/03/11
				State's Motion for Summary Judgment; Undisputed Facts; Affidavits; Appendix and Memorandum	4/29/11
				Hearing on Petitioners' Motions	9/30/11
				Ruling Denying Petitioners' Motions	10/14/11
				Petitioner's Application for Interlocutory Appeal	10/31/11
				Petitioner's Motion for Stay	11/08/11
				State's Resistance to Application	11/14/11
				State's Resistance to Motion for Stay	11/16/11
				Hearing on Motion for Stay	11/30/11
				Supreme Court Denial of Interlocutory Appeal	11/23/11
				Petitioners' Motion for Stay Hearing Withdrawn	11/30/11
				Petitioners' Motion for Summary Judgment and Cross-Motion for Summary Judgment	12/21/11
				Hearing on Motions for Summary Judgment	1/18/12
				Ruling Granting State's Motion for Summary Judgment	3/29/12
				Notice of Appeal	4/26/12
				Petitioner's Proof Brief	9/28/12
				State's Proof Brief	11/28/12
				State's Designation of Appendix Appendix Filed	11/28/12 1/23/13
				Respondent-Intervenors' Proof Brief	12/03/12
				Petitioners' Proof Reply Brief	2/05/13
				Petitioner's Final Brief	2/06/13
				Petitioner's Final Reply Brief	2/06/13
				State's Final Brief	2/06/13
				Respondent-Intervenor's Final Brief	2/08/13
				Oral Argument before Iowa Supreme Court	10/09/13

**DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION COMMISSION
ATTORNEY GENERAL REFERRALS
March, 2014**

Name, Location and Region Number		Program	Alleged Violation	DNR Action	New or Updated Status	Date
McMains, Phil Appanoose Co. (5)	UPDATED	Air Quality	Open Burning	Referred to	Referred	6/19/12
		Solid Waste	Illegal Disposal	Attorney General	Petition Filed	8/08/13
					Answer	9/03/13
					Motion for Leave to Amend Petition Trial Date	1/02/14 12/03/14
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)	UPDATED	Solid Waste	Unapproved Leachate Collection System	Referred to Attorney General	Referred	1/15/13
					Petition Filed	9/26/13
					Answer	10/11/13
					Third Party Petition Against Elliot Waddell and Five States Engineering, PLC	10/11/13
					State's Resistance to Demand for Jury Trial	10/23/13
					Hearing Regarding Jury Trial Demand	11/25/13
					Ruling and Order Denying Defendant's Jury Demand	1/07/14
					Ruling Nunc Pro Tunc Granting 3 rd Party Jury Demand	1/28/14
					State's Motion to Strike Jury Demand	2/11/14
					Resistance to Motion	2/24/14
Passehl, Jerry Latimer (2)	UPDATED	Solid Waste; Wastewater; Hazardous Condition	Illegal Disposal; Operation Without Permit; Pollution Prevention Plan Violations; Failure to Notify	Order/Penalty	Referred	3/16/10
					Petition Filed	12/27/10
					State's Motion for Summary Judgment	8/25/11
					Trial Date	9/13/12
					Hearing on State's Motion for Partial Summary Judgment	6/01/12
					Ruling granting State's Motion for Partial Summary Judgment	6/06/12
					State's Motion for Sanctions	6/09/12
					Hearing on Motion for Sanctions	7/17/12
					Order Regarding Sanctions	7/20/12
					Trial	9/14/12
					Ruling (\$36,110/Civil; \$4,150.17/Admin. & Injunction)	10/09/12
					Defendant's Motion to Enlarge and Amend	10/24/12
					State's Resistance	11/01/12
					Hearing on Defendant's Motion to Enlarge and Amend	12/17/12
					Order Denying Motion to Enlarge and Amend	12/21/12
					Notice of Appeal	1/18/13
					Defendant's Proof Brief	5/13/13
					Defendant's Amended Proof Brief	5/24/13
					Oral Argument Date Before Court Of Appeals	11/07/13
					Court of Appeals Decision Affirming District Court Ruling	12/05/13
Defendant's Motion for Further Review	12/23/13					

**DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION COMMISSION
ATTORNEY GENERAL REFERRALS
March, 2014**

Name, Location and Region Number	Program	Alleged Violation	DNR Action	New or Updated Status	Date
				State's Resistance to Further Review Supreme Court's Denial of Further Review	1/06/14 1/31/14
Sioux-Preme Packaging Co. Sioux Center (3)	Wastewater	Prohibited Discharge; Operation Violations; WQ Violations – General Criteria	Referred to Attorney General	Referred	9/17/13
Van Beek, Vern Inwood (3)	Animal Feeding Operation	Prohibited Discharge	Referred to Attorney General	Referred	10/16/12

Monthly Variance Report
January 2014

Item No.	Facility/City	Program	DNR Reviewer	Subject	Decision	Date
1	Lake Hendricks Park	Water Supply	Robert Campbell	variance from means of measuring flow	approved	1/7/2014
2	Lyon & Sioux Rural Water System	Water Supply	Robert Campbell	variance from redundancy requirement for pressure filter	approved	1/7/2014
3	MidAmerican Energy	Air Quiality	Dennis Thielen	variance to install and operate a two generator prior to getting permits issued	approved	1/7/2014
4	Valero Renewable Fuels	Air Quiality	Dennis Thielen	variance to reduce TO (EPS10) temperature below temperate averaging period. Variance to reduce water flow rate for scrubber (EPS40) below required rate during recent testing.	approved	1/9/2014
5	City of Marcus STP	Wastewater	Marty Jacobs	variance fomr design standards for sewer systems	approved	1/13/2014
6	City of Coralville STP	Wastewater	Mark Valmore	variance from design standard for installation of gravity sewer	approved	1/13/2014
7	BRF-069-7(30)--38-99-US 69 over Iowa River	Flood Plain	Jim Hallmark	variance from freeboard criterion from 3 feet above 50 year flood elevation to equal to 50 flood elevation. variance from backwater criterion.	approved	1/21/2014
8	Northern Natural Gas	Air Quiality	Brian Hutchins	variance to install temporary diesel-powered electrical generator.	approved	1/28/2014

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

February, 2014

DATE RECEIVED	NAME OF CASE	F.O.	ACTION APPEALED	PROGRAM	ASSIGNED TO	STATUS
11/27/01	Dallas County Care Facility	5	Order/Penalty	WW	Hansen	10/03 – Letter to County attorney regarding appeal resolution. 1/04 – Letter to attorney regarding appeal. 4/04 – Dept. letter to attorney regarding appeal. 9/04 – Dept. letter to attorney regarding appeal. 6/26/07 – Appeal resolved. Facility connected to City WWTF. Consent order to be issued. 1/29/13 – Order amendment drafted.
4/08/04	Silver Creek Feeders	4	Permit Conditions	AFO	Clark	2/5/14 – Appeal withdrawn. Case closed.
1/05/09	River Highlands Homeowner’s Association	6	Order/Penalty	WS	Hansen	10/09- WS in partial compliance with order after repair to well in 9/09. 5/11 – Now in compliance with order. Settlement offer to River Highlands. 6/2011- Response received from River Highlands. 7/13 – To be set for hearing. 8/27/13 – Conference call to discuss settlement. 9/13 – Settled – Consent amendment to be sent to River Highlands for signature. 2/14 – Signed Consent Amendment received from River Highlands. After Director signs consent amendment, it will be issued and the appeal will be dismissed.
8/17/09	Phoenix C & D Recycling, Inc.	5	Permit Revocation	SW	Tack	Settlement executed 2/13/14. Case dismissed.
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.
12/16/09	Guy Thomas	4	Order/Penalty	UT	Brees	Oral agreement for tank removal prior to April 1, 2010. Continued negotiation on final settlement.
2/25/10	Higman Sand & Gravel Inc.	3	Order/Penalty	FP	Clark	Negotiating before filing.
3/11/10	Bondurant, City of	5	Order/Penalty	WW	Hansen	7/2013-On hold pending further investigation.
11/3/2010	Wendall Abkes	2	Order/Penalty	SW	Schoenebaum	Settlement phone call held. Mr. Abkes indicated he would enter into a settlement. 6/12/13 -- Offer to settle sent via certified mail. Letter was returned as unclaimed.
12/29/10	Griffin Pipe Products Co., Inc.	4	Permit Conditions	AQ	Preziosi	Last communication to appellant on 10/22/13.
1/31/11	Griffin Pipe products Co., Inc.	4	Tax Certification Request	AQ	Preziosi	Settled in concept 1/28/14.
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

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

February, 2014

DATE RECEIVED	NAME OF CASE	F.O.	ACTION APPEALED	PROGRAM	ASSIGNED TO	STATUS
						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.
6-15-12	Vermeer Manufacturing Co.	5	Permit Conditions	AQ	Preziosi	Internal meeting held 2/13/14. Continuing negotiations.
8-27-12	Ag Processing, Inc.; Sergeant Bluff	4	Permit Conditions	AQ	Preziosi	Met with appellant 1/31/14. Further meetings set for 3/5 and 3/12. Negotiations continuing.
8-29-12	Alcoa	6	Permit Conditions	AQ	Preziosi	Settled. Case closed.
10-01-12	Pet Memories	3	Order/Penalty	SW	Tack	Proposed Decision upheld by EPC on 1/21/14.
11-21-12	Ag Processing Inc.	6	Permit Conditions	AQ	Preziosi	Last communication from appellant 10/17/13. Continuing negotiations and last communication internally 1/15/14.
3-04-13	Anderson Excavating Co., Inc.	4	Order/Penalty	SW	Tack	Negotiating before filing.
6-20-13	Joseph and Carol Jahnke	1	Dam Application	FP	Schoenebaum	Proposed decision 1/8/14. 1/21/14 – EPC affirmed decision. The Jahnkes have 30 days to appeal.
9-09-13	David Hansen; Debra D. Imhoff	6	Order/Penalty	FP	Schoenebaum	Appeal filed 9/9/13.
10-28-13	Regional Environmental Improvement Commission/Iowa Co. SLF	6	Variance	WW	Tack	Negotiating before filing.

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

February, 2014

DATE RECEIVED	NAME OF CASE	F.O.	ACTION APPEALED	PROGRAM	ASSIGNED TO	STATUS
11-07-13	Linn County Conservation Board Pinicon Ridge Park	6	Permit Conditions	WS	Hansen	2/14 – Department to send settlement offer.
12-23-13	Joseph Skelley; Ssippi Valley Saloon	6	Order/Penalty	AQ	Book	Negotiating before filing.
1-02-14	P & J Pork, LLC		Construction Permit Denial	AFO	Clark	New case.
1/16/14	Council Bluffs Water Works	4	Permit Conditions	WW	Tack	New case.
1/21/14	AG Processing, Inc.		Permit Conditions	AQ	Preziosi	Met with appellant 1/31/14. Further meetings set for 3/5 and 3/12. Negotiations continuing.

DATE: March, 2014

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
Rieck, Darwin Benton Co. (1)	Animal Feeding Operation	Prohibited Discharge – Open Feedlot; WQ Violations – General Criteria	Consent Order \$4,750 \$2,956.09/Fish \$1,762.93/Inves.	1/31/14
Douglas Reimer Clayton Co. (1)	Animal Feeding Operation	Prohibited Discharge – Open Feedlot; WQ Violations – General Criteria	Consent Order \$6,000	2/04/14
The Maschhoffs, LLC Van Buren Co. (6)	Animal Feeding Operation	Prohibited Discharge – Confinement; WQ Violations - General Criteria	Consent Order \$10,000	2/06/14
Randy Wise; Wise Construction Buena Vista Co. (3)	Air Quality Solid Waste	Open Burning; Illegal Disposal	Order/Penalty \$3,000	2/07/14
Millard Elston III; The Earthman, LC Jefferson Co. (6)	Air Quality Solid Waste	Open Burning; Illegal Disposal; Asbestos	Consent Order \$2,000	2/10/14
Abby J. Loeffelholz; Industrial Fabrication & Machining, Inc. Black Hawk Co. (1)	Air Quality	Other – MSEI	Consent Order \$1,450	2/10/14

IOWA DEPARTMENT OF NATURAL RESOURCES
 ENVIRONMENTAL PROTECTION COMMISSION
 RULE MAKING STATUS REPORT
 March, 2014

Proposal	Stakeholder Engagement	Sent for Governor's Pre-Approval (Job Impact) Statement	Notice to EPC	Notice Published	ARRC No.	ARRC Mtg.	Hearing	Comment Period	Final Summary To EPC	Rules Adopted	Rules Published	ARRC No.	ARRC Mtg.	Rule Effective
1. Ch. 22, 23 –AQ – Grain Vacuuming		11/22/13												
2. Ch. 61 - Water Quality Standards, Section 401 Certification of Section 404 Regional Permit (RP 7)		11/6/14 1/16/14	2/18/14	*3/19/14	1370C	*4/07/14	4/09/14	4/18/14						
3. Ch. 61 – Water Quality Standards; Surface Water Classification; Batch 4														
4. Ch. 64 – Storm Water Permits		8/27/13 9/18/13	10/14/13	11/13/13	1176C	12/10/13	12/12/13	12/12/13	1/21/14	1/21/14	2/19/14	1337C	*3/03/14	*3/26/14
5. Ch. 64, 65 – CAFOS/NPDES Permit Requirement		2/19/14												
6. Ch. 93 – Wastewater Assistance Program		8/27/13 9/18/13	10/14/13	11/13/13	1177C	12/10/13	12/04/13	12/04/13	1/21/14	1/21/14	2/19/14	1336C	*3/03/14	*3/26/14

IOWA DEPARTMENT OF NATURAL RESOURCES
COMPLIANCE AND ENFORCEMENT BUREAU

DATE: March 1, 2014
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	3,926	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
Wisconsin North dba National Petroleum, Inc. (Clinton)	UT	5,000	8-04-01
# Practical Pig Corporation (Clinton Co.)	AFO	2,000	5-26-02
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	9,800	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
Rock N Row Adventures (Eldora)	WS	3,000	10-23-04
# 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
Karl Molyneux (What Cheer)	AQ/SW	960	7-19-08
George Kramer (Clinton Co.)	AQ/SW	1,500	11-09-08
Jon Knabel (Clinton Co.)	AQ/SW	2,000	12-16-08
Stuart Yoder (Johnson Co.)	AQ/SW	224	2-11-09
# Robert Fangmann (Dubuque Co.)	AFO	396	6-01-09
# Rick Renken (LeMars)	AFO	996	7-03-09
# Brian Lill (Sioux Co.)	AFO	3,342	7-18-09
# Lane Bachman (Calhoun Co.)	AFO	3,885	10-08-09
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

#Animal Feeding Operation

BOLD Entries Have Been Referred to DRF

# 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
James Bailey; James Bailey Construction (Douds)	AQ/SW	634	12-01-10
Jeff Grooms; Floris One Stop (Floris)	UT	7	12-09-10
# Joe McNeill (Kossuth Co.)	AFO	2,500	12-23-10
Gonzalez & Sons Express, Inc. (DeSoto)	WW	8,000	4-20-11
David C. Kuhlemeier (Cerro Gordo Co.)	AQ/SW	2,000	6-30-11
Steve Friesth (Webster Co.)	AQ/SW	7,857	11-26-11
Josh Oetken (Worth Co.)	AQ/SW	8,495	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	4,750	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
James L. Heal; A-1 Imports (Homestead)	WW/SW	1,800	1-08-13
Sun-Jon, Inc.; Iowa Poultry (Johnson Co.)	WW	3,000	1-08-13
Noah Coppess (Cedar Co.)	AQ/SW	7,500	2-23-13
Shane Rechkemmer (Fayette Co.)	SW	1,000	3-01-13
Jeff Grooms; Floris One Stop (Floris)	UT	3,500	3-01-13
Michael Lee Liphardt aka Melvin Liphardt (Clinton Co.)	AQ/SW	1,000	3-05-13
B Petro Corporation (Cedar Rapids)	UT	7,728	5-13-13
Bernard Michelson (Hancock Co.)	AQ/SW	2,500	4-26-13
Ken Odom (Iowa Co.)	AQ/SW	3,000	4-26-13
Jacob Reed (Mahaska Co.)	AQ/SW	1,500	6-10-13
River Trading Company, Ltd. (Muscatine)	WW	3,000	9-15-13
Robert Downing (Mahaska Co.)	AQ/SW	10,000	11-15-13
# Steve and Paul Groth; Groth Farms (Mitchell Co.)	AFO	3,000	11-17-13
Shriners Hospital for Children, Inc. (Des Moines)	UT	8,890	12-03-13
Golden Grain Energy, LLC (Mason City)	WW	10,000	12-14-13
Joseph E. Skelley; Ssippi Valley Saloon, LLC (Burlington)	AQ	3,300	12-29-13
# J & J Pork, LLC (Iowa Co.)	AFO	5,000	1-01-14
Northern Filter Media, Inc. (Muscatine Co.)	AQ	1,000	1-20-14
Larry Eisenhauer (Woodbury Co.)	AQ/SW	4,675	3-01-14
The Maschhoffs, Inc. (Buckeye)	AQ/WW	10,000	2-06-14
Joe M. Seng (Clinton Co.)	AQ	3,000	2-10-14
# Darwin Rieck (Benton Co.)	AFO	4,750	2-28-14
Randy Wise; Wise Construction (Buena Vista Co.)	AQ/SW	3,000	4-10-14
	TOTAL	359,009	

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
* Craig Burns (Postville)	WW	950	7-15-08
# 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
Quad City Drum Recycling Co., Inc. (Davenport)	AQ	125	9-01-12
John Kletsch (Superior)	AQ	1,150	11-01-12
Jim Scallon (Butler Co.)	SW	700	4-15-13

#Animal Feeding Operation

BOLD Entries Have Been Referred to DRF

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	996	2-15-14
Anthony Sheeder (Guthrie Co.)	AFO	625	2-15-14
Air Advantage, Inc. (Mt. Pleasant)	WW	4,500	4-01-14
Ellsworth Excavating Co. (Muscatine Co.)	AQ/SW	1,275	2-01-14
# Steve Grettenberg; Dragster LLC	AFO	4,500	1-20-14
Mid River Marine Service and Storage (North Liberty)	WS	5,720	9-30-13
Lonnie Bryant; Sierra Bryant; Bryant's MHP (Keokuk)	WW	400	2-01-14
Stephan A. Palen (Wapello Co.)	AQ	2,080	3-01-13
Millard Elston III; The Earthman (Jefferson Co.)	AQ/SW	2,000	2-15-13
	TOTAL	48,377	

The following administrative penalties have been appealed:

NAME/LOCATION	PROGRAM	AMOUNT
Dallas County Care Facility (Adel)	WW	5,000
River Highlands Homeowner's Association	WS	10,000
Guy Thomas (Council Bluffs)	UT	10,000
Harlan Rudd; Karen Rudd; Rudd Bros. Tires (Drakesville)	UT	10,000
Bondurant, City of	WW	10,000
Higman Sand and Gravel, Inc. (Plymouth Co.)	FP	10,000
Helen and Virgil Homer; Grandmas Snack Shop; Preston White (Aredale)	WS	8,461
Manson, City of	WS	10,000
Wendall Abkes (Parkersburg)	SW	7,000
Keith Durand; Durand Construction (Lee Co.)	WW	500
Pet Memories, Inc. (Cedar Co.)	SW	10,000
Anderson Excavating Company, Inc. (Pottawattamie Co.)	SW	10,000
Massey Properties, LLC; The Wharf (Dubuque)	WS	10,000
David Hansen; Debra Imhoff (Wilton)	FP	6,000
	TOTAL	116,961

The following administrative penalties have been collected:

NAME/LOCATION	PROGRAM	AMOUNT
Stephan A. Palen (Wapello Co.)	AQ	104
Michael Lee Liphardt aka Melvin Liphardt (Clinton Co.)	AQ/SW	500
Michael Lee Liphardt aka Melvin Liphardt (Clinton Co.)	AQ/SW	500
Daryl & Karen Hollingsworth d/b/a Medora Store(Indianola)	UT	150
Daryl & Karen Hollingsworth d/b/a Medora Store(Indianola)	UT	50
# Ben McKinney (Franklin Co.)	AFO	695
Albert Miller (Kalona)	AQ/SW	5
Steve Friesth (Webster Co.)	AQ/SW	543
Finney Industrial Painting, Inc. (Fairfield)	AQ/WW	250
Finney Industrial Painting, Inc. (Fairfield)	AQ/WW	250
Terry Philips; TK Enterprises (Washington Co.)	AQ/WW	3,000
Terry Philips; TK Enterprises (Washington Co.)	AQ/WW	1,000
# Steve Grettenberg; Dragster LLC	AFO	250
Ellsworth Excavating Co. (Muscatine Co.)	AQ/SW	75
# The Maschhoffs, LLC (Van Buren Co.)	AFO	10,000
Ernest Poyzer; Alan Poyzer; Dean Poyzer (Emmet Co.)	AQ/SW	145
Ernest Poyzer; Alan Poyzer; Dean Poyzer (Emmet Co.)	AQ/SW	145

#Animal Feeding Operation

BOLD Entries Have Been Referred to DRF

Abby J. Loeffelhotz; Industrial Fabrication & Machining	AQ	1,450
Stephan A. Palen (Wapello Co.)	AQ	104
Stephan A. Palen (Wapello Co.)	AQ	104
# Douglas Reimer (Clayton Co.)	AFO	6,000
# Cedar Valley Egg Farm, LLP (Malcom)	AFO	2,000
Lonnie Bryant; Sierra Bryant; Bryant's MHP (Keokuk)	WW	100
Patrick Baker; Stockton Auto (Davenport)	AQ/SW	83
	TOTAL	27,503

#Animal Feeding Operation
BOLD Entries Have Been Referred to DRF