

MINUTES
OF THE
ENVIRONMENTAL PROTECTION COMMISSION
MEETING
SEPTEMBER 20, 2011

INGRAM OFFICE BUILDING
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WINDSOR HEIGHTS, IOWA

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TABLE OF CONTENTS

Call to Order	1
Commissioners Present	1
Commissioners Absent	1
Adoption of Agenda.....	1
APPROVED AS PRESENTED	1
Directors Remarks	1
INFORMATION	1
Budget Request for FY 2013	2
APPROVED AS PRESENTED	3
Notice of Intended Action – Chapter 111 Solid Waste Environmental Management Systems’ Annual Reports	3
INFORMATION	4
Solid Waste Environmental Management Systems Program 2011 Participants	4
APPROVED AS PRESENTED	5
Solid Waste Alternatives Program – Contract Recommendations	6
APPROVED AS PRESENTED	6
Public Participation.....	7
Tony Colosimo.....	7
Contract and Contract Amendment with IDALS Division of Soil Conservation for Watershed Improvement Projects	7
APPROVED AS PRESENTED	8
Master Contracts with Seven (7) Companies for Flood Plain Mapping Related Services	8
APPROVED AS PRESENTED	10
Contract Amendment – American Computer Services, Inc. – One Stop Project Manager	11
APPROVED AS PRESENTED	11
Notice of Termination; New rules Chapter 48, Ground Heat Exchanger (GHEX) Loop Borehole Systems and amendments to Chapter 38, Private Water Well Construction Permits; Chapter 39, Requirements for Properly Plugging Abandoned Wells; Chapter 49, Nonpublic Water Supply Wells; and Chapter 82, Well Contractor Certification.....	12
APPROVED AS PRESENTED	12

Clean Water and Drinking Water State Revolving Loan Fund – Second Quarter Updates to FY
2012 Intended Use Plans.....12
 APPROVED AS PRESENTED14

Commission Schedule.....14

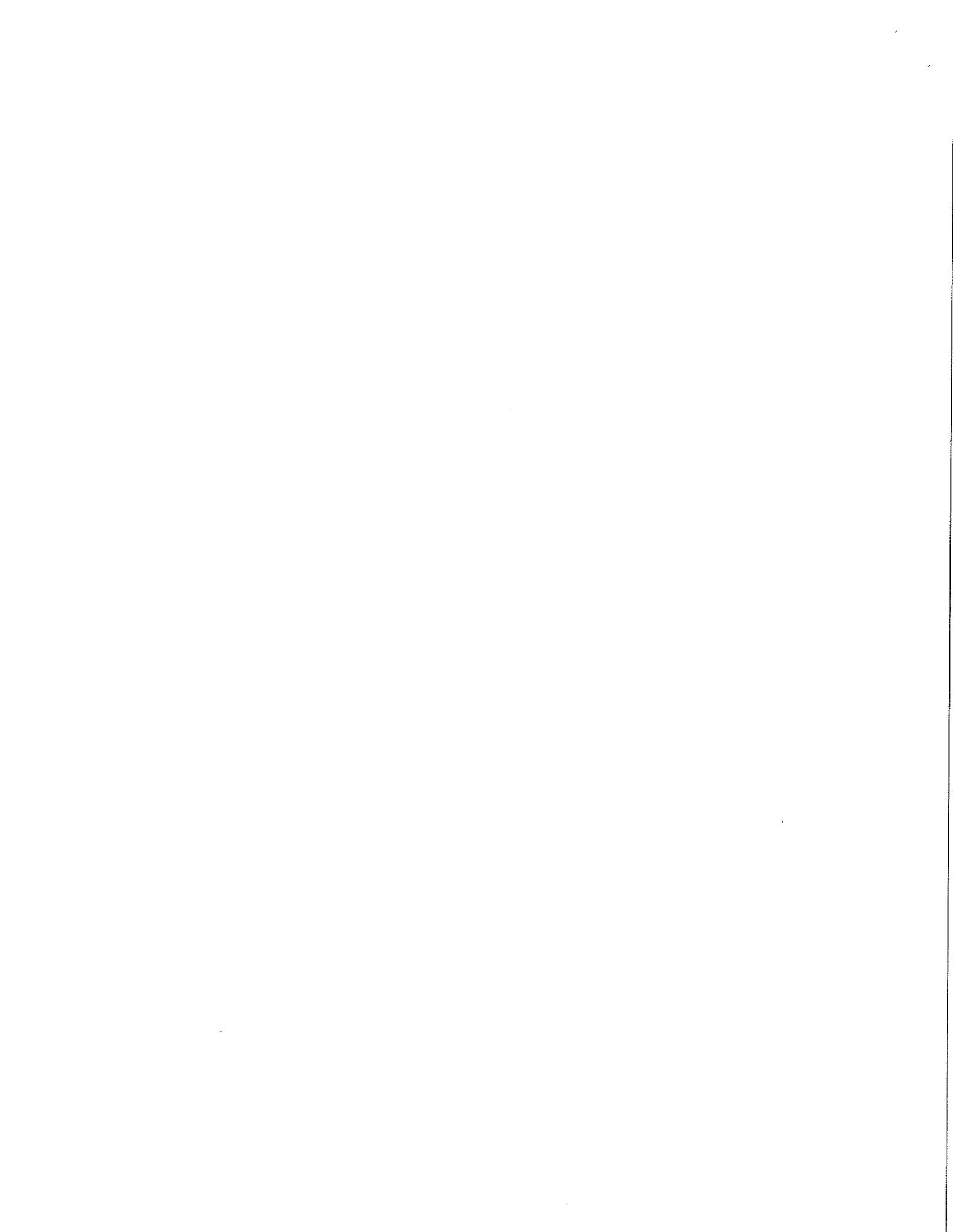
Contract – Source Water Protections Technical Assistance14
 APPROVED AS PRESENTED15

Contract with United States Geological Survey for FFY12 Cooperative Agreement15
 APPROVED AS PRESENTED16

Monthly Reports16
 INFORMATION17

General Discussion17
 INFORMATION17

Adjournment17



MEETING MINUTES

CALL TO ORDER

The meeting of the Environmental Protection Commission was called to order by Chairperson David Petty at 11:02 a.m. on September 20, 2011 in the Ingram Office Building, Windsor Heights, Iowa.

COMMISSIONERS PRESENT

Mary Boote, Secretary
Nancy Couser
John Glenn
Dolores Mertz
David Petty, Chair
Lorna Puntillo, Vice-Chair
Brent Rastetter
Martin Stimson

COMMISSIONERS ABSENT

Dee Bruemmer

ADOPTION OF AGENDA

Motion was made by Mary Boote to approve the agenda as presented. Seconded by Nancy Couser. Motion carried unanimously.

APPROVED AS PRESENTED

DIRECTORS REMARKS

Director Lande thanked the EPC Commissioners for attending the Iowa Environmental Conference.

INFORMATION

BUDGET REQUEST FOR FY 2013

Jennifer Nelson, Bureau Chief and Chief Financial Officer of the Iowa Department of Natural Resources presented the following item.

**DEPARTMENT OF NATURAL RESOURCES
FY 13 APPROPRIATION**

APPROPRIATION NAME	FY 11 Revised Appropriation	FY 12 Appropriation	FY 13 Proposed Appropriation
<u>GENERAL FUND APPROPRIATIONS</u>			
Department Operations	\$13,336,069	\$12,266,688	\$12,266,688
Operating Reserve Transfer	\$1,098,042	\$0	\$0
Total General Fund Appropriation	\$14,434,111	\$12,266,688	\$12,266,688
<u>REVENUE BOND CAPITAL FUND</u>			
Lake Water Quality Improvements	\$10,000,000	\$0	\$0
Park Infrastructure Improvements	\$5,000,000	\$0	\$0
Total Revenue Bond Capital Fund	\$15,000,000	\$0	\$0
<u>INFRASTRUCTURE</u>			
Floodplain Management	\$2,000,000	\$2,000,000	\$2,000,000
Lake Water Quality Improvements	\$0	\$5,459,000	\$5,459,000
Park Infrastructure Improvements	\$0	\$5,000,000	\$5,000,000
Water Trails/Low Head Public Dam	\$0	\$0	\$0
Rock Creek	\$40,000	\$0	\$0
Honey Creek Asset Manager	\$100,000	\$0	\$0
Total Infrastructure Appropriation	\$2,140,000	\$12,459,000	\$12,459,000
<u>ENVIRONMENT FIRST</u>			
Resource Enhancement and Protection	\$15,000,000	\$12,000,000	\$12,000,000
Ambient Air Quality Monitoring	\$425,000	\$425,000	\$425,000
Water Quality Monitoring	\$2,955,000	\$2,955,000	\$2,955,000
GIS Data for Watershed Managers	\$195,000	\$195,000	\$195,000
Keepers of the Land Volunteer Program	\$100,000	\$100,000	\$100,000
Park Operations and Maintenance	\$2,470,000	\$3,210,000	\$3,210,000
Water Quantity	\$495,000	\$495,000	\$495,000
Animal Feeding Operations	\$608,400	\$420,000	\$420,000
Resource Conservation	\$150,000	\$0	\$0
Water Supply Appropriation	\$500,000	\$500,000	\$500,000
State Park Volunteers	\$250,000	\$0	\$0
Forestry Health Management	\$0	\$100,000	\$100,000
Geological and Water Survey	\$0	\$200,000	\$200,000
Total Environment First Appropriation	\$23,148,400	\$20,600,000	\$20,600,000
<u>CASH RESERVES FUND</u>			
Private Building Rent	\$300,000	\$0	\$0
Total Cash Reserves	\$300,000	\$0	\$0

NON-GENERAL FUND APPROPRIATIONS			
Fish and Wildlife Operations	\$38,793,154	\$39,951,171	\$39,951,171
Groundwater Fund	\$3,455,832	\$3,455,832	\$3,455,832
UST Administration Match	\$200,000	\$200,000	\$200,000
UST Database	\$100,000	\$0	\$0
LUST Technical Assistance	\$200,000	\$200,000	\$200,000
Snowmobile Transfer to Fish and Wildlife	\$100,000	\$100,000	\$100,000
Total Non General Fund Appropriations	\$42,848,986	\$43,907,003	\$43,907,003

TOTAL	\$97,871,497	\$89,232,691	\$89,232,691
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Jennifer Nelson shared the background for the budget request process along with summarizing and answering questions regarding a number of the appropriation requests.

Motion was made by John Glenn to approve the agenda item as presented. Seconded by Lorna Puntillo. Motion carried unanimously.

APPROVED AS PRESENTED

NOTICE OF INTENDED ACTION – CHAPTER 111 SOLID WASTE ENVIRONMENTAL MANAGEMENT SYSTEMS’ ANNUAL REPORTS

Brian Tormey, Bureau Chief of the Department’s Land Quality Bureau presented the following item.

The Department proposes the adoption of new Chapter 111 “Solid Waste Environmental Management Systems’ Annual Reports”. This chapter establishes methods and criteria for determining whether a solid waste planning area’s or a permitted facility service area’s environmental management system is in compliance with the provisions of section 455J.3. It applies to those solid waste planning areas and permitted facility service areas that have been designated as environmental management systems pursuant to Chapter 455J and seek to continue to be designated as such. It provides criteria to ensure that the participants’ environmental programs and actions are performing as planned. Pursuant to provisions in the statute, this is a voluntary program and incentives for participating are provided in 455J.5. The statutory authority for the rule is found in subsection 455J.4(2).

Background:

In 2008, the Iowa Legislature passed House File (HF) 2570 which established 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 goals and objectives that each participant establishes. These areas are: yard waste management; hazardous household waste management; water quality improvement; greenhouse gas reduction; recycling;

and environmental education. The legislation also 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 (Council) appointed by the Director was created to provide program oversight and recommendations to the Commission regarding program participants, funding allocations and rulemaking.

Summary of Informal Rulemaking Activities:

On June 15, 2011 the department held a full-day workshop on the program which included a 2-hour discussion on the proposed rule. About 50 individuals attended the workshop. Changes to the rule from that discussion were sent out to a larger group of stakeholders for their review. On June 29th an opportunity for a discussion with this larger group occurred via the Iowa Communications Network through six sites distributed around the state. No one attended any of the sites. Written comments were also accepted from June 9th through July 1st. Based on the comments and feedback the department received the rule was revised. At its July 18th meeting the Council recommended moving the attached version of the rule forward by a vote of 6 to 1.

The rule and related documents were submitted to the Governor's Office on July 20th. The Department was notified on August 4th that the rule had cleared as submitted.

INFORMATION

SOLID WASTE ENVIRONMENTAL MANAGEMENT SYSTEMS PROGRAM 2011 PARTICIPANTS

Brian Tormey, Bureau Chief of the Department's Land Quality Bureau presented the following item.

The Department requests Commission approval of the recommendation made by the Solid Waste Alternatives Program Advisory Council (Council) to designate two solid waste comprehensive planning areas as environmental management systems (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

This voluntary program was established in 2008 legislation through the creation of Code of Iowa Chapter 455J. While it is voluntary, there is an application process wherein planning areas must describe how their EMS will be developed and implemented, both short and long-term, in accordance with the statutory requirements. There are six specific areas that program participants must be able to document continuous improvement in terms of meeting goals and objectives that each participant establishes. These areas are: yard waste management; hazardous household waste management; water quality improvement; greenhouse gas reduction; recycling; and environmental education. The legislation also appropriated funding to assist in developing the program and providing ongoing support to the program participants. The nine-member Council appointed by the Director was created to provide program oversight and to make recommendations to the Commission regarding program participants, funding allocations and

rulemaking. This program is designed to serve as an alternative to the traditional solid waste comprehensive planning process.

In October 2009 the Commission approved six planning areas to participate in a pilot program. The pilot has been completed and all six participants are eligible to continue in the program. The statute states that by October 1st of each year the Council may recommend the designation of additional planning areas as EMSs. For this round, two applications were submitted for the Council's consideration.

Recommendation

Using established scoring criteria that totaled 100 points, each of the nine Council members independently reviewed and scored the applications. In order to be considered, an application must receive an average score of 70 or higher. The following table shows each Council member's scores and the average of those scores.

EMS Applicant Totals Summary

	Northern Plains	SCISWA
Brian Tormey	72	74
Jan Loyson	88	91
Jen Jordan	90	95
Mary Wittry	73	89
Sara Bixby	76	-
Scott Smith	79	88
Shelly Codner	71	92
Tom Hadden	81	79
Tony Colosimo	42	41
Average Score:	75	81

The Northern Plains Regional Landfill planning area, comprised of Emmett, Palo Alto and Pocahontas Counties, the unincorporated area of Clay County and the City of Spencer, received an average score of 75. The South Central Iowa Solid Waste Agency, comprised of Lucas, Marion, Monroe and Poweshiek Counties, received an average score of 81.

At its August 18th meeting the six members in attendance voted 5-1 to recommend to the Commission that each applicant be designated as an EMS for the purpose of participating in the program.

Motion was made by Lorna Puntillo to approve the agenda item as presented. Seconded by Dolores Mertz. Motion carried unanimously.

APPROVED AS PRESENTED

SOLID WASTE ALTERNATIVES PROGRAM – CONTRACT RECOMMENDATIONS

Brian Tormey, Bureau Chief of the Department's Land Quality Bureau presented the following item.

The Department received 10 proposals, requesting \$1,274,939 in financial assistance, for consideration during the July 2011 round of funding. Five (5) projects were selected for funding or additional consideration. If approved they will receive \$414,144 in a combination of forgivable, zero-interest, and three-percent loans.

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

The table below summarizes recommendations by applicant type, project type and by type of award.

Recommended By Applicant Type	# Awards	Award Amount	Forgivable Loan Portion
Local Government	1	\$2,688	\$2,688
Private For Profit	1	\$380,000	\$20,000
Private Not For Profit	3	\$31,456	\$31,456
Recommended By Project Type	# Awards	Award Amount	Forgivable Loan Portion
Best Practices	2	\$12,682	\$12,682
Market Development	2	\$400,000	\$40,000
Education	1	\$1,462	\$1,462
Type of Award	# Awards	Award Amount	Forgivable Loan Portion
Forgivable loan only	4	\$34,144	\$34,144
Forgivable, 0%, and 3% loan	1	\$380,000	\$20,000

At this time, the Department is requesting Commission approval to enter into contracts with selected applicants whose awards will be in excess of \$25,000 subject to satisfactory review of business plans and other requested information.

Motion was made by Lorna Puntillo to approve the agenda item as presented. Seconded by Mary Boote. Motion carried unanimously.

APPROVED AS PRESENTED

PUBLIC PARTICIPATION

TONY COLOSIMO – representing Phoenix Recycling and the Iowa Chapter of the National Solid Waste Management Association

Mr. Colosimo expressed concerns for members of the Solid Waste Alternatives Program Advisory Council serving dual roles as a council member and as a participant. Bob Fagen, Spencer City Manager, was identified as a recently appointed council member along with being a representative for his planning area that the Commission designated as an Environmental Management System (EMS) for the purpose of participating in the Solid Waste EMS Program.

----- End of Public Participation ----

Brian Tormey responded to Tony Colisomo’s comments. When the legislature developed the statute, language was added to address conflicts of interest and the Solid Waste Alternatives Program Advisory Council has developed procedures for addressing conflicts of interest.

CONTRACT AND CONTRACT AMENDMENT WITH IDALS DIVISION OF SOIL CONSERVATION FOR WATERSHED IMPROVEMENT PROJECTS

Steve Hopkins, Coordinator of the Department’s Nonpoint Source Program presented the following item.

Recommendations:

Commission approval is requested for two contracts with the Iowa Department of Agriculture and Land Stewardship Division of Soil Conservation (IDALS DSC) for water quality projects at Rathbun Lake and Big Creek Lake. Commission approval is also requested for a contract amendment with IDALS DSC to implement additional watershed improvement practices through the existing Clear Lake Water Quality Project. The total amount of these contracts shall not exceed \$559,238.

Funding Source:

These contracts will be funded through EPA Section 319 grant funds.

Background:

The following contract and contract amendment are presented for approval:

Water Quality in Rathbun Lake (IDALS DSC)	\$238,102
Big Creek Lake Water Quality Project (IDALS DSC)	\$280,834
Clear Lake Water Quality Project (IDALS DSC)(amendment)	\$40,302
Total	\$559,238

Purpose:

The parties propose to enter into these contracts for the purpose of implementing agricultural/urban watershed educational efforts and watershed improvement practices for the projects selected.

Contractor Selection Process:

These projects were chosen using a grant proposal application and committee review process.

Motion was made by Mary Boote to approve the Water Quality in Rathbun Lake contract as presented. Seconded by Nancy Couser. John Glenn abstained from voting. Motion carried unanimously.

Motion was made by Dolores Mertz to approve the Big Creek Lake Water Quality contract as presented. Seconded by John Glenn. Motion carried unanimously.

Motion was made by Marty Stimson to approve the Clear Lake Water Quality Project contract as presented. Seconded by Dolores Mertz. Motion carried unanimously.

APPROVED AS PRESENTED

MASTER CONTRACTS WITH SEVEN (7) COMPANIES FOR FLOOD PLAIN MAPPING RELATED SERVICES

Chris Ensminger, Supervisor of the Department's Geographic Information Systems team presented the following item.

Recommendations:

Commission approval is requested for five (5)-year master contracts with seven (7) companies for floodplain mapping related services. The master contracts will begin on September 29, 2011 and terminate on September 28, 2016. The total amount of all seven (7) contracts shall not exceed \$5 million. The initial master contract with each company may be renewed or negotiated for two (2) additional periods of twelve (12) months each, at the discretion of the DNR.

Funding Source:

This contract will be funded through a Federal appropriation from the Community Development Block Grant (CDBG) program as outlined in **Public Law 110-329** and administered by the Iowa Partnership for Economic Progress (IPEP).

Background:

The DNR was awarded \$15.0 million in CDBG Disaster Recovery Funds in 2009. This funding was allocated for the development of new flood plain maps and updating of existing maps for all of the 85 Iowa counties listed in the federal Disaster Declaration of 5/27/2008 (Declaration FEMA-1763-DR).

The DNR issued a Request for Information (RFI) regarding the work components associated with flood plain mapping for the State of Iowa in April 2009. The DNR also began work on a flood hazard mapping needs assessment and a flood plain mapping pilot project (Poweshiek County) in September of 2009. The RFI responses and results of the needs assessment and pilot project were all intended to educate the DNR on preferred methods, practices, costs, and capacity for a statewide flood plain mapping initiative.

During the 2010 legislative session, the Iowa General Assembly passed SF2389. Division 15 of this legislation requires the DNR to utilize the flood plain mapping services offered by the Iowa Flood Center, located at the University of Iowa, for \$10.0 million of the total \$15.0 million allocated to the DNR. The DNR and the Iowa Flood Center are working closely to determine the most efficient and effective methods of producing flood map products that satisfy both DNR and FEMA expectations.

This request for approval for five (5)-yr master contracts with seven (7) companies for floodplain mapping related services addresses the remaining \$5 million of the \$15 million CDBG funding.

Purpose:

The parties propose to enter into these master contracts for the purpose of developing new flood plain maps, update and improve existing maps, and provide specified floodplain mapping related services in the 85 counties that are eligible for financial assistance from CDBG Disaster Recovery Funding awarded in 2009.

The services in the master contracts include the following list of Risk MAP Flood Study and Program Management activities. Task Orders will include selected activities from this list. Task Orders will be determined for individual projects as the needs arise.

Risk MAP Flood Studies – For the development of Flood Insurance Rate Maps (FIRMs) and Flood Insurance Studies (FISs) for counties in the State of Iowa, and selected FIRM panels for Physical Map Revisions (PMRs), the activities are as follows.

The majority of services will include production of preliminary map products, distribution of preliminary map products and post-preliminary map production. The likelihood of an activity being included in individual Task Orders is estimated in parentheses.

- a. Project Management (5% - PMRs & Enhanced Flood Studies)
- b. Perform Discovery (negligible)
- c. Perform Project Outreach (5% - PMRs & Enhanced Flood Studies)
- d. Perform Field Survey (5% - PMRs & Enhanced Flood Studies)
- e. Develop Topographic Data (5% - PMRs & Enhanced Flood Studies)
- f. Acquire Base Map (5% - PMRs & Enhanced Flood Studies)
- g. Develop Hydrologic Data (5% - PMRs & Enhanced Flood Studies)

- h. Develop Hydraulic Data (5% - PMRs & Enhanced Flood Studies)
- i. Perform Floodplain Mapping (5% - PMRs & Enhanced Flood Studies)
- j. Develop DFIRM Database (5% - PMRs & Enhanced Flood Studies)
- k. Develop Non-Regulatory Products (negligible)
- l. Produce Preliminary Map Products (95%)
- m. Distribute Preliminary Map Products (95%)
- n. Post-Preliminary Map Production (95%)

Program Management – Based on availability of FEMA CTP funds, the following Program Management activities will be included in floodplain mapping related services. The likelihood of an activity being included in individual Task Orders is estimated in parentheses.

- o. State and Local Business Plans and/or Updates (95%)
- p. Program Management Activities (95%)
- q. Outreach (20%)
- r. Providing Training to State and Local Officials (5%)
- s. Mitigation Planning and Technical Assistance (negligible)
- t. Staffing (negligible)
- u. Mentoring (negligible)
- v. CNMS Updating & Maintenance (20%)

Contractor Selection Process:

A Request for Proposal (RFP) for Floodplain Mapping Related Services was advertised on July 12, 2011, with Proposals due on August 9, 2011. Thirteen proposals were received and a seven (7) member Evaluation Committee reviewed each proposal based on the following criteria:

- Floodplain Mapping Related Services
- Project Team
- Description of Specialized Extensions/Tools
- Service to the DNR
- Fulfillment of all RFP Requirements
- Basis of Compensation

The following seven (7) companies were deemed to be most qualified to provide the services required by

the DNR:

1. *AECOM Technical Services*
2. *AMEC Earth & Environmental*
3. *Atkins North America*
4. *Dewberry & Davis*
5. *Michael Baker Jr.*
6. *Stantec Consulting Services*
7. *URS Corporation*

Motion was made by Dolores Mertz to approve the agenda item as presented. Seconded by John Glenn. Motion carried unanimously.

APPROVED AS PRESENTED

CONTRACT AMENDMENT – AMERICAN COMPUTER SERVICES, INC. – ONE STOP PROJECT MANAGER

Chris Ensminger, Supervisor of the Department’s Geographic Information Systems team presented the following item.

Recommendation:

The Department requests Commission approval of a contract amendment in the amount of \$159,600 with American Computer Services, Inc. to extend the contract one year, until October 31, 2012.

Funding Source:

This project will be funded solely with federal funds through EPA Exchange Network grants.

Background:

DNR has received EPA grants for the past several years for Information Technology (IT) improvements related to One Stop and the Exchange Network. One Stop is a national program to link the databases for various environmental permits, based on a facility site. This allows for a “One Stop” access via a website to see all the environmental permits/interests for a site. Using data standards for One Stop provides the foundation for automating the exchange of data with EPA and other users through the Exchange Network.

DNR has gradually added more program databases to our own One Stop data warehouse, and currently has automated data exchanges with EPA and other states for data related to: facilities, drinking water, air emissions, emergency response, and Toxic Release Inventory, water quality monitoring and assessments.

Purpose:

The purpose of this contract is to extend the Project Manager/Database Developer services for another year to implement an additional Exchange Network grant. One of the key projects is to upgrade Iowa’s application which allows integration of 14 different environmental databases and editing 25 different map layers.

Consulting Firm Selection Process:

This contractor was chosen because they have provided Pat McDermott as the One Stop Project Manager/Database Developer for the past eight years. He has done an outstanding job of integrating the different environmental databases into the Environmental Facilities Database warehouse, and developing data flows for the Exchange Network. In addition, he has extensive experience with other data warehouses, state agencies and project management.

Because the primary DNR staff person to coordinate One Stop will be retiring this year, Mr. McDermott plays a critical role to upgrade the current system and implement the Exchange Network projects.

Motion was made by Marty Stimson to approve the agenda item as presented. Seconded by Dolores Mertz. Motion carried unanimously.

APPROVED AS PRESENTED

NOTICE OF TERMINATION; NEW RULES CHAPTER 48, GROUND HEAT EXCHANGER (GHEX) LOOP BOREHOLE SYSTEMS AND AMENDMENTS TO CHAPTER 38, PRIVATE WATER WELL CONSTRUCTION PERMITS; CHAPTER 39, REQUIREMENTS FOR PROPERLY PLUGGING ABANDONED WELLS; CHAPTER 49, NONPUBLIC WATER SUPPLY WELLS; AND CHAPTER 82, WELL CONTRACTOR CERTIFICATION

Bill Ehm, Division Administrator of the Department's Environmental Services Division and Russell Tell of the Department's Water Supply Section (on the phone) presented the following item.

As approved by the Commission at its February 15, 2011 meeting to begin formal rulemaking, the proposed amendments were intended to create a new chapter of rules specific to geothermal heat exchange (GHEX) loop borehole wells and update Chapters 38, 39, 49, and 82 as needed to implement new Chapter 48.

A number of concerns were raised during the public hearing process regarding specific rules within proposed Chapter 48. These concerns warrant holding additional stakeholder meetings with multiple groups and work towards consent on amended rule language for the key issues. Because of the time needed to adequately work with the stakeholder groups and modify the proposed rules, the Department will not be able to comply with the 180 day time limit for completion of rulemaking which expires on October 9, 2011. Therefore, it is requested that the Commission terminate this rulemaking project.

Once the Department satisfactorily resolves the issues with stakeholders, the Department will start the procedure to initiate the formal rulemaking process and seek commission approval for amended Chapter 48 and the updates to Chapters 38, 39, 49, and 82.

Motion was made by John Glenn to approve the agenda item as presented. Seconded by Brent Rastetter. Motion carried unanimously.

APPROVED AS PRESENTED

CLEAN WATER AND DRINKING WATER STATE REVOLVING LOAN FUND – SECOND QUARTER UPDATES TO FY 2012 INTENDED USE PLANS

Patti Cale-Finnegan, Coordinator of the Department's State Revolving Fund Program (SRF) presented the following item.

Commission approval is requested for the second quarter updates to the Clean Water State Revolving Fund (CWSRF) and Drinking Water State Revolving Fund (DWSRF) Intended Use Plans (IUPs) for FY 2012 (July 1, 2011 – June 30, 2012). The Iowa SRF is one of the primary

funding sources for water quality and protection of public health. Since 1989, the Iowa SRF has committed \$1.85 billion for water and wastewater infrastructure and nonpoint source pollution control.

The Iowa SRF is operated through a coordinated partnership between the Department of Natural Resources (DNR) and the Iowa Finance Authority (IFA). DNR administers the environmental and permitting aspects of the programs, with IFA providing financial assistance including loan approval and disbursements.

The FY 2012 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 updated quarterly to add projects to the priority lists and address policy changes as needed.

The CWSRF provides low-interest loans for wastewater and storm water infrastructure improvements and nonpoint source water quality projects. Since 1989, the Iowa CWSRF has committed \$1.2 billion for wastewater upgrades and \$119 million for non-point source projects. The Quarter 2 FY 2012 IUP shows project requests totaling \$437 million, plus \$29.5 million for non-point source projects. It is anticipated that approximately \$374 million will be disbursed during the remainder of FY 2012 for new loans and projects still drawing on loans signed in previous years.

Since 2000, the DWSRF has committed \$506 million in loans to public water supplies to protect public health and improve infrastructure. The FY 2012 IUP shows funding requests totaling \$192 million. It is anticipated that approximately \$135 million will be disbursed during the remainder of FY 2012.

The Sources and Uses tables for both CWSRF and DWSRF show that funds are available or obtainable to provide anticipated disbursements. The IUPs will be updated quarterly during FY 2012. Iowa continues to be able to fund all projects that are eligible for SRF assistance.

Several procedural changes are proposed in the Quarter 2 updates, including:

- The DWSRF will use required loan forgiveness to incentivize water and energy efficiency and correction of public health risks, and to assist disadvantaged communities.
- The CWSRF will continue its use of administrative funds for an EPA contractor to help with project management.
- Projects on both the CWSRF and DWSRF priority lists will be dropped if they have not moved to a loan within three years and are not showing active progress.
- Applicants will not be allowed to make major changes to their project scope once loans are executed.

A public meeting was held August 11, 2011 to receive comments on the proposed IUP updates. There were no attendees. The written comment period closed on August 18, 2011. No written comments were provided.

Motion was made by Brent Rastetter to approve the agenda item as presented. Seconded by Nancy Couser. John Glenn abstained from voting. Motion carried unanimously.

APPROVED AS PRESENTED

COMMISSION SCHEDULE

Commission reviewed alternative date options for the October meeting and chose October 19th. The meeting will begin at 10 a.m. at the IDNR Air Quality building located at 7900 Hickman Road in Windsor Heights.

CONTRACT – SOURCE WATER PROTECTIONS TECHNICAL ASSISTANCE

Chad Fields, of the Department's Iowa Geological and Water Survey Bureau presented the following item.

Recommendation:

The Department requests Commission approval of a contract in the amount of \$78,592 with the Iowa Rural Water Association for 12 months.

The purpose of this contract is to obtain the services of a contractor to provide technical assistance to DNR-selected community water systems to complete their Source Water Protection plans. The amount set aside for this contract shall not exceed \$78,592, and the duration shall not be greater than 12 months.

Funding Source:

This project will be funded through federal funds, specifically the Environmental Protection Agency's Source Water Program. This program is paid out of the Drinking Water State Revolving Fund.

Background:

Iowa code **455B.183A** requires the Department of Natural Resources to enforce the federal Safe Drinking Water Act, and to support local public water supplies with operation and construction of their system. The federal Source Water Protection Program is designed to protect water in the natural environment, before treatment. This protection saves money for the local system and protects the drinking water of the local water supply.

Purpose:

The outcome of this contract is expected to be the successful completion of Source Water Protection plans for eight unique community water systems. Each of these plans will meet the

standards of the Iowa Source Water Advisory Group and follow the Iowa Source Water guidelines. Among other benefits, the communities completing these plans will have a better understanding of their drinking water source(s), updated Emergency Response Plans, updated maps of their water system, and funding opportunities made more available to them.

Consulting Firm Selection Process:

A Request for Proposals was let out to the general public on Thursday, August 04, 2011. Three bids were accepted and evaluated for cost, anticipated quality of work, and knowledge of Source Water Protection. The Iowa Rural Water Bid was selected out of those submitted.

Motion was made by John Glenn to approve the agenda item as presented. Seconded by Brent Rastetter. A roll call vote was called as follows: Mary Boote – yes, Nancy Couser – yes, John Glenn – yes, Dolores Mertz – yes, David Petty – yes, Lorna Puntillo – no, Brent Rastetter – yes, Marty Stimson – yes.

APPROVED AS PRESENTED

CONTRACT WITH UNITED STATES GEOLOGICAL SURVEY FOR FFY12 COOPERATIVE AGREEMENT

Roger Bruner, Supervisor of the Department’s Watershed and Assessment team presented the following item.

Recommendations:

Commission approval is requested for a 1 year-service contract with the United States Geological Survey. The contract will begin on October 1, 2011 and terminate on September 30, 2012. The total amount of this contract shall not exceed \$646,185. 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 monies appropriated for the Water Quality Monitoring Program (Environment First Funding – cost code 04HA). Contracting Authority is the Code of Iowa 455B.103.

Background:

Surface-water flow information is the basis for understanding the hydrologic characteristics of streams and rivers. Water-quality information is of key importance to understanding the level of risk to human and ecosystem health within and beyond the watershed. Surface-water flow information in Iowa is collected on a nearly continuous basis at 128 stream gaging stations, and water-quality is collected on a monthly basis at 75 locations across Iowa. The ability to estimate

surface-water flow and water quality at ungaged sites in Iowa is critical for understanding hydrologic characteristics as well as estimating pollutant loading and flux and is needed by State water managers.

Purpose:

The parties propose to enter into this Agreement for the purpose of retaining the USGS to provide: gaging on streams, climate response monitoring of groundwater levels, completion of the initial modeling of water quality and quantity, and monitoring of selected rivers using real-time nitrate sensors.

a. Name: Water Quantity modeling and prediction			
Funding: DNR: \$66,000	USGS: \$44,000	Total: \$110,000	
b. Name: Water Quality modeling			
Funding: DNR: \$34,800	USGS: \$23,200	Total: \$58,000	
c. Name: Big River Water Quality Monitoring Data Collection			
Funding: DNR: \$338,360	USGS: \$276,840	Total: \$615,200	
d. Name: Stream Gaging Network			
Funding: DNR: \$183,890	USGS: \$112,740	Total: \$296,630	
e. Name: Ground-Water Climate Response Network			
Funding: DNR: \$25,996	USGS: \$17,330	Total: \$43,326	

Contractor Selection Process:

USGS was chosen using the intergovernmental agreement process. USGS was chosen for this project due to their expertise in stream gaging and the associated modeling components of the contract.

Motion was made by Dolores Mertz to approve the agenda item as presented. Seconded by Marty Stimson. Motion carried unanimously.

APPROVED AS PRESENTED

MONTHLY REPORTS

Bill Ehm, Division Administrator, Environmental Protection Division, presented the following items.

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. Hazardous Substance/Emergency Response Report
4. Manure Releases Report
5. Enforcement Status Report
6. Administrative Penalty Report
7. Attorney General Referrals Report

8. Contested Case Status Report
9. Waste Water By-passes Report

INFORMATION

GENERAL DISCUSSION

Dolores Mertz thanked the commissioners for their well wishes during her recovery.

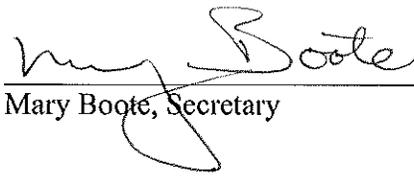
INFORMATION

ADJOURNMENT

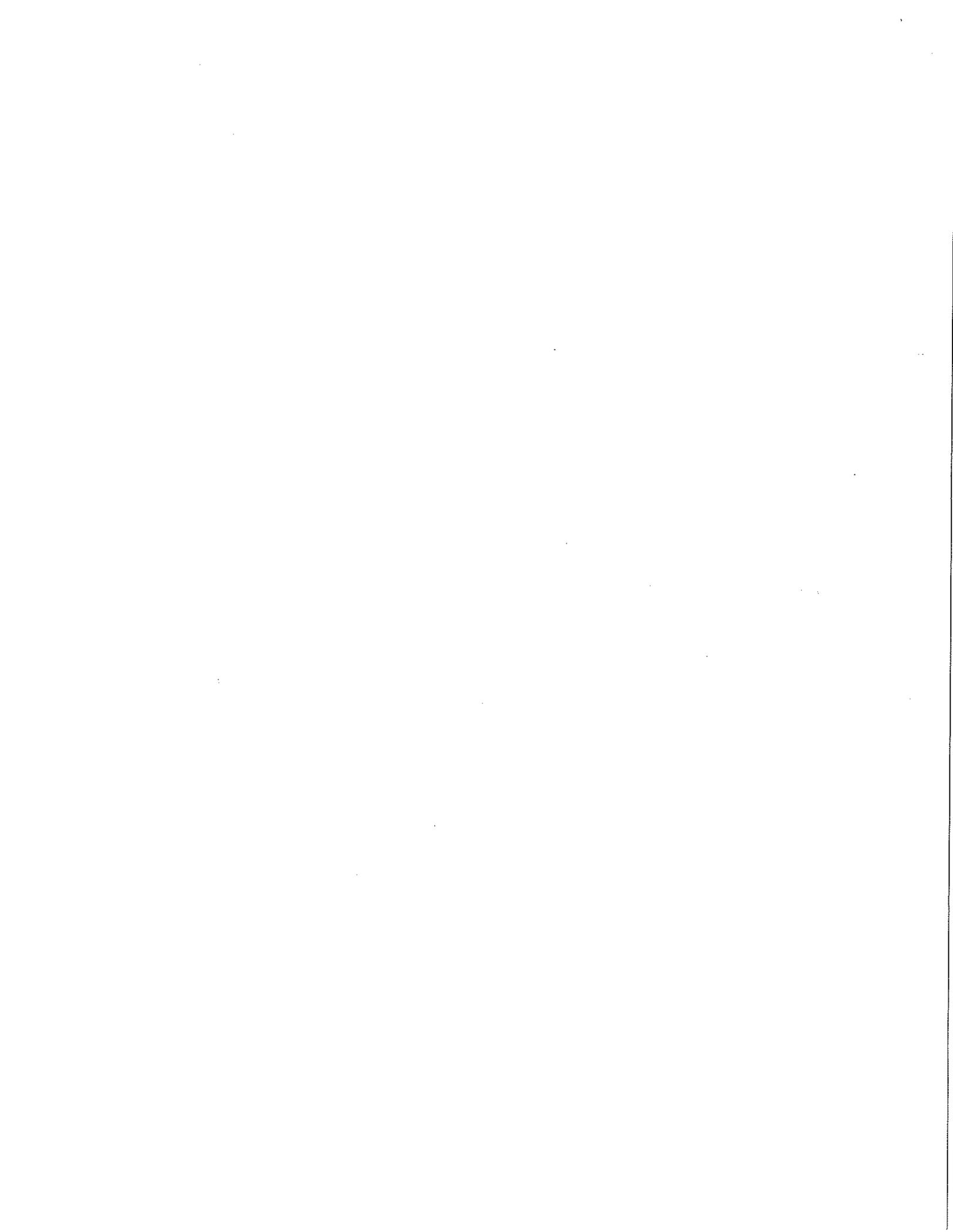
With no further business to come before the Environmental Protection Commission, Chairperson David Petty adjourned the meeting at 1:58 p.m., Tuesday, September 20, 2011.



Roger L. Lande, Director



Mary Boote, Secretary



Agenda

Environmental Protection Commission

Tuesday, September 20, 2011
DNR Air Quality Building
7900 Hickman Road
Windsor Heights, IA
11:00 AM

8:30-10:00 a.m. – Iowa Environmental Conference (Optional Commissioner Attendance)

11:00 AM – Meeting begins

11:30 AM – Public Participation¹

Agenda topics

- | | | |
|----|--|-----------------------------------|
| 1 | Approval of Agenda | |
| 2 | Approval of Minutes | |
| 3 | Director's Remarks | |
| 4 | Budget Request for FY 2013 | Jennifer Nelson
(Decision) |
| 5 | Notice of Intended Action – Chapter 111 “Solid Waste Environmental Management Systems’ Annual Reports” | Brian Tormey
(Information) |
| 6 | Solid Waste Environmental Management Systems Program 2011 Participants | Brian Tormey
(Decision) |
| 7 | Solid Waste Alternatives Program – Contract Recommendations | Brian Tormey
(Decision) |
| 8 | Contract and Contract Amendment with IDALS Division of Soil Conservation for Watershed Improvement Projects | Steve Hopkins
(Decision) |
| 9 | Master Contracts with Seven (7) Companies for Flood Plain Mapping Related Services | Scott Ralston
(Decision) |
| 10 | Contract Amendment – American Computer Services, Inc. – One Stop Project Manager | Sharon Tahtinen
(Decision) |
| 11 | Notice of Termination; New rules Chapter 48, Ground Heat Exchanger (GHEX) Loop Borehole Systems and amendments to Chapter 38, Private Water Well Construction Permits; Chapter 39, Requirements for Properly Plugging Abandoned Wells; Chapter 49, Nonpublic Water Supply Wells; and Chapter 82, Well Contractor Certification | Bill Ehm
(Decision) |
| 12 | Clean Water and Drinking Water State Revolving Loan Fund – Second Quarter Updates to FY 2012 Intended Use Plans | Patti Cale-Finnegan
(Decision) |
| 13 | Commission Schedule | Chuck Gipp
(Decision) |
| 14 | Contract – Source Water Protections Technical Assistance | Chad Fields
(Decision) |
| 15 | Contract with United States Geological Survey for FFY12 Cooperative Agreement | Roger Bruner
(Decision) |

16	Monthly Reports	Bill Ehm (Information)
17	General Discussion	
18	Items for Next Month's Meeting	
	<ul style="list-style-type: none">• October 18th – Windsor Heights• November 15th – Windsor Heights	

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

DECISION

TOPIC

Budget Request for FY 2013

The Environmental Protection Commission's approval is requested for the Department's appropriation request for Fiscal Year 2013 (FY 13). The State Budget Director has directed all departments to submit a status quo budget by October 1, 2011.

Jennifer Nelson, Budget & Finance Bureau Chief
Iowa Department of Natural Resources
September 1, 2011

**DEPARTMENT OF NATURAL RESOURCES
FY 13 APPROPRIATION**

APPROPRIATION NAME	FY 11 Revised Appropriation	FY 12 Appropriation	FY 13 Proposed Appropriation
<u>GENERAL FUND APPROPRIATIONS</u>			
Department Operations	\$13,336,069	\$12,266,688	\$12,266,688
Operating Reserve Transfer	\$1,098,042	\$0	\$0
Total General Fund Appropriation	\$14,434,111	\$12,266,688	\$12,266,688
<u>REVENUE BOND CAPITAL FUND</u>			
Lake Water Quality Improvements	\$10,000,000	\$0	\$0
Park Infrastructure Improvements	\$5,000,000	\$0	\$0
Total Revenue Bond Capital Fund	\$15,000,000	\$0	\$0
<u>INFRASTRUCTURE</u>			
Floodplain Management	\$2,000,000	\$2,000,000	\$2,000,000
Lake Water Quality Improvements	\$0	\$5,459,000	\$5,459,000
Park Infrastructure Improvements	\$0	\$5,000,000	\$5,000,000
Water Trails/Low Head Public Dam	\$0	\$0	\$0
Rock Creek	\$40,000	\$0	\$0
Honey Creek Asset Manager	\$100,000	\$0	\$0
Total Infrastructure Appropriation	\$2,140,000	\$12,459,000	\$12,459,000
<u>ENVIRONMENT FIRST</u>			
Resource Enhancement and Protection	\$15,000,000	\$12,000,000	\$12,000,000
Ambient Air Quality Monitoring	\$425,000	\$425,000	\$425,000
Water Quality Monitoring	\$2,955,000	\$2,955,000	\$2,955,000
GIS Data for Watershed Managers	\$195,000	\$195,000	\$195,000
Keepers of the Land Volunteer Program	\$100,000	\$100,000	\$100,000
Park Operations and Maintenance	\$2,470,000	\$3,210,000	\$3,210,000
Water Quantity	\$495,000	\$495,000	\$495,000
Animal Feeding Operations	\$608,400	\$420,000	\$420,000
Resource Conservation	\$150,000	\$0	\$0
Water Supply Appropriation	\$500,000	\$500,000	\$500,000
State Park Volunteers	\$250,000	\$0	\$0
Forestry Health Management	\$0	\$100,000	\$100,000
Geological and Water Survey	\$0	\$200,000	\$200,000
Total Environment First Appropriation	\$23,148,400	\$20,600,000	\$20,600,000
<u>CASH RESERVES FUND</u>			
Private Building Rent	\$300,000	\$0	\$0
Total Cash Reserves	\$300,000	\$0	\$0
<u>NON-GENERAL FUND APPROPRIATIONS</u>			
Fish and Wildlife Operations	\$38,793,154	\$39,951,171	\$39,951,171
Groundwater Fund	\$3,455,832	\$3,455,832	\$3,455,832
UST Administration Match	\$200,000	\$200,000	\$200,000
UST Database	\$100,000	\$0	\$0
LUST Technical Assistance	\$200,000	\$200,000	\$200,000
Snowmobile Transfer to Fish and Wildlife	\$100,000	\$100,000	\$100,000
Total Non General Fund Appropriations	\$42,848,986	\$43,907,003	\$43,907,003
TOTAL	\$97,871,497	\$89,232,691	\$89,232,691

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

ITEM

5

INFORMATION

TOPIC

Notice of Intended Action – Chapter 111 “Solid Waste Environmental Management Systems’ Annual Reports”

The Department proposes the adoption of new Chapter 111 “Solid Waste Environmental Management Systems’ Annual Reports”. This chapter establishes methods and criteria for determining whether a solid waste planning area’s or a permitted facility service area’s environmental management system is in compliance with the provisions of section 455J.3. It applies to those solid waste planning areas and permitted facility service areas that have been designated as environmental management systems pursuant to Chapter 455J and seek to continue to be designated as such. It provides criteria to ensure that the participants’ environmental programs and actions are performing as planned. Pursuant to provisions in the statute, this is a voluntary program and incentives for participating are provided in 455J.5. The statutory authority for the rule is found in subsection 455J.4(2).

Background:

In 2008, the Iowa Legislature passed House File (HF) 2570 which established 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 goals and objectives that each participant establishes. These areas are: yard waste management; hazardous household waste management; water quality improvement; greenhouse gas reduction; recycling; and environmental education. The legislation also 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 (Council) appointed by the Director was created to provide program oversight and recommendations to the Commission regarding program participants, funding allocations and rulemaking.

Summary of Informal Rulemaking Activities:

On June 15, 2011 the department held a full-day workshop on the program which included a 2-hour discussion on the proposed rule. About 50 individuals attended the workshop. Changes to the rule from that discussion were sent out to a larger group of stakeholders for their review. On June 29th an opportunity for a discussion with this larger group occurred via the Iowa Communications Network through six sites distributed around the state. No one attended any of the sites. Written comments were also accepted from June 9th through July 1st. Based on the comments and feedback the department received the rule was revised. At its July 18th meeting the Council recommended moving the attached version of the rule forward by a vote of 6 to 1.

The rule and related documents were submitted to the Governor’s Office on July 20th. The Department was notified on August 4th that the rule had cleared as submitted.

Brian Tormey, Chief
Land Quality Bureau
Environmental Services Division

ENVIRONMENTAL PROTECTION COMMISSION [567]
Notice of Intended Action

Pursuant to the authority of Iowa Code section 455J.4(2), the Environmental Protection Commission hereby adopts a new chapter 111, “Solid Waste Environmental Management Systems’ Annual Reports,” Iowa Administrative Code.

The purpose of the program is to implement 2008 Iowa Acts, House File 2570 which creates a solid waste environmental management systems program. Section 455J.4 requires solid waste planning areas or permitted facility service areas that have been designated environmental management systems to submit an annual compliance report. Subsection 455J.4(2) requires the department to adopt by rule methods and criteria for determining whether a system is in compliance with the requirements of section 455J.3. In adopting methods and criteria the statute requires the department to consult with stakeholders. In response to this two opportunities were provided for stakeholder comment and feedback. One took place on June 15th at a Solid Waste Environmental Systems Workshop. The other took place on June 29th over the Iowa Communication Network at six locations distributed throughout the state. Comments and feedback from stakeholders have been incorporated in this Notice of Intended Action. After analysis and review of this rulemaking, no impact on jobs has been found.

In addition to the above, any interested person may submit written comments on the proposed rule on or before xxx, 2011. Written comments should be sent to the Iowa Department of Natural Resources, Attn. Angie Clark, 502 E. 9th Street, Des Moines, Iowa 50319; fax (515)281-8895, or e-mail angie.clark@dnr.iowa.gov.

A public hearing will be held at 1 p.m. on x, 2011 at the following location, at which time persons may present their views either orally or in writing.

Wallace State Office Building

X Conference Room

502 E. 9th Street

Des Moines, Iowa 50319-0034

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 of Natural Resources and advise of specific needs.

This chapter is intended to implement Iowa Code section 455J.4.

The following chapter is being proposed.

Adopt new chapter 111 as follows:

CHAPTER 111

SOLID WASTE ENVIRONMENTAL MANAGEMENT SYSTEMS' ANNUAL REPORTS

567—111.1(455J) Purpose. This chapter establishes methods and criteria for determining whether a planning area or service area's environmental management system is in compliance with the provisions of section 455J.3.

567-111.2 (455J) Role of the department. Pursuant to subsection 455J.4(2) the department is responsible for the development and implementation of these rules.

567-111.3 (455J) Applicability. This chapter applies to those planning service areas that have been designated as environmental management systems and seek to continue to be designated as such. This is a voluntary program and planning and service areas may elect to leave the program at any time. Upon leaving the program, the planning or service area must comply with the comprehensive planning requirements in 567-101.

567-111.4 (455J) Definitions.

“Annual report” means the required submittal to the department that documents an environmental management system's compliance with the requirements of section 455J.3.

“Aspect” means an element of a planning area's activities or operations that can interact with the environment.

“Audit” means a planned, objective and documented assessment, either done internally by the program participant or its designee or externally by an independent third party, to determine the performance of a planning or service area's system in relation to the designation requirements.

“Council” means the solid waste alternatives program advisory council appointed by the director pursuant to 455J.6.

“Environmental management system” (EMS) has the same meaning as in 455J.2(5).

“Environmental policy” means a statement by the planning or service area of its intentions and principles in relation to its overall environmental performance which provides a framework for action and for setting environmental objectives and targets, and its commitment to environmental compliance and continuous improvement.

“Fenceline” means the geographic area, and the operations, facilities, and programs that the planning or service area has the ability to influence.

“Impact” means any change to the environment, whether adverse or beneficial, from an aspect of a planning or service area’s activities or operations.

“Objective” means an overall environmental goal, arising from the environmental policy, that a planning or service area sets itself to achieve, and which is quantifiable.

“Plan component” means each of the six areas that are required to be addressed in an environmental management system, described as follows: yard waste management, hazardous household waste collection, water quality improvement, greenhouse gas reduction, recycling services and environmental education.

“Planning area” has the same meaning as in 567—Section 101.2.

“Service area” means that portion of a planning area that has been identified by the planning area to be a participant in the program. Only the service area is eligible for the program incentives described in 455J.5.

“Target” means a detailed and quantifiable performance requirement that must be set and met in order to achieve the environmental objective. An objective may have several targets.

“Tier 1 participant” means a planning or service area that has been accepted into the EMS program and is in the first phase of development and implementation.

“Tier II participant” means a planning or service area that has successfully completed their initial phase in the EMS program or satisfactorily documents that they have developed and implemented an EMS consistent with the requirements of 455J.3 and is approved to remain designated as an environmental management system.

567-111.5 (455J) Submittal of annual reports.

Annual reports must be submitted to the department by September 1st of each year and include all the requirements in 111.6. Annual reports must address activities that occurred during the previous state fiscal year that ended June 30th. The reports must be submitted on a form provided by the department.

567-111.6 (455J) Contents of annual reports. The following elements must be included in the annual report.

1. Executive summary. An overview of the environmental improvements and benefits achieved during the past year as related to the system’s objectives and targets. This summary would be similar to what is presented for management review.

2. Environmental policy statement. A copy of the planning or service area’s environmental policy statement and the dates it was last reviewed and, if appropriate, revised. A copy of the communication procedure or other documents describing how the environmental policy statement has been conveyed to staff, management, and other individuals having a formal role in the implementation of the EMS must be included.

3. Aspects and impacts. The annual report must identify and evaluate the actual or potential significant aspects and impacts to the environment, whether adverse or beneficial, from

the organization's activities, services and facilities. A description of the significant impacts to the environment that have been determined and the methodology used for this determination must be included. Any changes that occurred or may occur in the near future that are likely to affect the identified impacts in the coming year must be described. Such changes may include, but are not limited to, the closure or opening of facilities, other changes to the EMS's fenceline, the initiation of major new programs, and the discontinuation of a major service.

4. Legal and other requirements. Listing of the legal requirements for the planning or service area's operations and facilities included in their EMS fenceline, including but not limited to, relevant environmental laws, regulations and permits, and worker health and safety regulations. A process for tracking any changes in these requirements must be described. A brief summary of the planning area's regulatory compliance performance for the previous year, including a listing of recurring or significant violations related to the identified legal requirements and how they were or are being resolved must be included.

5. Plan components. The following elements must be addressed for each of the six plan components.

a. Objectives and targets. Description of the objective(s) relevant to the plan component and the targets established for achieving the objectives.

b. Action plan. A plan that describes the actions necessary to achieve the objectives and targets. The plan includes the identification of the individuals and organizations responsible for carrying out specific tasks, timelines for completion of each step in the plan, and a schedule for periodically reviewing and updating, as conditions dictate, the objectives and targets.

c. Communication and training. This element describes the processes that have been established for internal and external communication. External communication will include reaching out to those groups and organizations that have been identified as having an interest, stake, or role in the organization's ongoing EMS program. There must also be procedures for receiving and responding to relevant communication from external interested parties. Internal communication is directed to individuals, organizations and entities that have a role or responsibility within the action plan. Internal communication includes a process to ensure that all responsible parties are familiar with the EMS and have the training necessary to capably execute their roles. A description of the training provided to responsible parties must be included.

d. Monitoring and measurement. A description of a documented process for monitoring key activities and, at a minimum, measuring performance related to the each objective and target.

e. Assessment. Provide documented procedures for assessing the performance of the component's action plan(s) in terms of achieving the stated objectives and targets and conformance with the overall EMS. The assessment element should draw conclusions from the performance measurements.

f. Reevaluation and modification. The reevaluation and modification element is an activity that allows an organization to improve and strengthen the EMS on an ongoing basis. This element considers areas where the EMS has met, exceeded, or failed to meet expectations. For each plan component the report must identify root causes of those outcomes, and develop revised goals and activities appropriate to each.

6. Internal audit. A copy of the result of the latest internal audit that includes the date(s) it was conducted and the identity of the auditor(s) must be provided as part of the report.

An internal audit must be conducted each state fiscal year.

7. External audit. An external audit must occur each state fiscal year. Provide the date of the latest external audit or the date the audit will take place, along with the identity and pertinent qualifications of the independent, third party auditor(s). The results of the external audit will be incorporated into the report. The department will have a prequalification process for external auditors.

567-111.7(455J) Evaluation criteria. Each annual report shall be reviewed by the council and a determination as to whether a planning or service area's EMS is in compliance with 455J.3 shall be made by October 1st of each year. Reports will be reviewed for the following:

- a. Completeness in terms of addressing all of the elements set forth in 567-111.6.
- b. Progress toward achieving the objectives and targets set forth in the EMS.
- c. Clear demonstration of continuous improvement in terms of progress toward achieving the objectives and targets set forth in the EMS. Upon achievement of these objectives and targets, a re-evaluation and decision will be needed to verify whether a new target should be assigned to an objective or, if not, what new initiatives should be incorporated into the EMS. All procedures are reviewed on a regular basis and revised as appropriate.

567-111.8(455J) Evaluation outcomes.

111.8(1) If the council determines that the annual report adequately demonstrates compliance with the requirements of 455J.3, the planning or facility service area shall remain designated as an EMS and shall continue to be qualified for the incentives set forth in 455J.5.

111.8(2) If the council determines that the annual report clearly demonstrates that the planning or service area's EMS is no longer in compliance with 455J.3, the council may recommend to the environmental protection commission the revocation of the EMS designation. If the commission concurs with the council's recommendation the planning or service area must adhere to the comprehensive planning requirements in 567-101. The planning or facility service area may re-apply for a Tier II EMS designation during a subsequent application round.

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

ITEM

6

DECISION

TOPIC

**Solid Waste Environmental Management Systems Program 2011
Participants**

The Department requests Commission approval of the recommendation made by the Solid Waste Alternatives Program Advisory Council (Council) to designate two solid waste comprehensive planning areas as environmental management systems (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

This voluntary program was established in 2008 legislation through the creation of Code of Iowa Chapter 455J. While it is voluntary, there is an application process wherein planning areas must describe how their EMS will be developed and implemented, both short and long-term, in accordance with the statutory requirements. There are six specific areas that program participants must be able to document continuous improvement in terms of meeting goals and objectives that each participant establishes. These areas are: yard waste management; hazardous household waste management; water quality improvement; greenhouse gas reduction; recycling; and environmental education. The legislation also appropriated funding to assist in developing the program and providing ongoing support to the program participants. The nine-member Council appointed by the Director was created to provide program oversight and to make recommendations to the Commission regarding program participants, funding allocations and rulemaking. This program is designed to serve as an alternative to the traditional solid waste comprehensive planning process.

In October 2009 the Commission approved six planning areas to participate in a pilot program. The pilot has been completed and all six participants are eligible to continue in the program. The statute states that by October 1st of each year the Council may recommend the designation of additional planning areas as EMSs. For this round, two applications were submitted for the Council's consideration.

Recommendation

Using established scoring criteria that totaled 100 points, each of the nine Council members independently reviewed and scored the applications. In order to be considered, an application must receive an average score of 70 or higher. The following table shows each Council member's scores and the average of those scores.

EMS Applicant Totals Summary

	Northern Plains	SCISWA
Brian Tormey	72	74
Jan Loyson	88	91
Jen Jordan	90	95
Mary Wittry	73	89
Sara Bixby	76	-
Scott Smith	79	88
Shelly Codner	71	92
Tom Hadden	81	79
Tony Colosimo	42	41
Average Score:	75	81

The Northern Plains Regional Landfill planning area, comprised of Emmett, Palo Alto and Pocahontas Counties, the unincorporated area of Clay County and the City of Spencer, received an average score of 75. The South Central Iowa Solid Waste Agency, comprised of Lucas, Marion, Monroe and Poweshiek Counties, received an average score of 81.

At its August 18th meeting the six members in attendance voted 5-1 to recommend to the Commission that each applicant be designated as an EMS for the purpose of participating in the program.

Brian Tormey, Chief
Land Quality Bureau
Environmental Services Division

August 22, 2011

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

ITEM

7

DECISION

TOPIC: Solid Waste Alternatives Program – Contract Recommendations

The Department received 10 proposals, requesting \$1,274,939 in financial assistance, for consideration during the July 2011 round of funding. Five (5) projects were selected for funding or additional consideration. If approved they will receive \$414,144 in a combination of forgivable, zero-interest, and three-percent loans.

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

The table below summarizes recommendations by applicant type, project type and by type of award.

Recommended By Applicant Type	# Awards	Award Amount	Forgivable Loan Portion
Local Government	1	\$2,688	\$2,688
Private For Profit	1	\$380,000	\$20,000
Private Not For Profit	3	\$31,456	\$31,456
Recommended By Project Type	# Awards	Award Amount	Forgivable Loan Portion
Best Practices	2	\$12,682	\$12,682
Market Development	2	\$400,000	\$40,000
Education	1	\$1,462	\$1,462
Type of Award	# Awards	Award Amount	Forgivable Loan Portion
Forgivable loan only	4	\$34,144	\$34,144
Forgivable, 0%, and 3% loan	1	\$380,000	\$20,000

At this time, the Department is requesting Commission approval to enter into contracts with selected applicants whose awards will be in excess of \$25,000 subject to satisfactory review of business plans and other requested information.

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

Brian Tormey, Chief
Land Quality Bureau
Environmental Services Division

**SOLID WASTE ALTERNATIVES PROGRAM
PROPOSAL RECOMMENDATIONS**

The Department received 10 proposals, requesting \$1,274,939 in financial assistance, for consideration during the July 2011 round of funding. Five (5) projects were selected for funding or additional consideration. If approved they will receive \$414,144 in a combination of forgivable, zero-interest, and three-percent loans.

The following provides a description of each project, the project type, and the amount and type of funding assistance. The descriptions are organized as projects above \$25,000 and those \$25,000 and below.

PROPOSAL RECOMMENDATIONS: ABOVE \$25,000

MARKET DEVELOPMENT PROJECT:

The ReWall Company, LLC
205 East 18th Street
Des Moines, Iowa 50316

Forgivable Loan:	\$ 20,000
Zero Interest Loan:	\$150,000
3% Interest Loan:	<u>\$210,000</u>
Total Award Amount:	\$380,000

Cash Match:	\$190,000
In-Kind Match:	<u>\$250,000</u>
Local Match:	\$440,000

Total Project Cost: \$820,000

Project Title:	Polycoated Paper Waste Conversion Project	
Contact:	David Phillips	Phone: 515-490-5200
Project Type:	Market Development	
Applicant:	Private for Profit	

Description: The ReWall Company applied for funds to assist with the purchase of equipment, including a shredder, thermal press, cold press, skid steer, and racks/pallets, to be used to produce structural fiberboard that uses recycled beverage cartons and cups in its manufacturing process. The beverage cartons (milk, orange juice, coffee cups...) are comprised of polyethylene, high fiber paper, and sometimes aluminum. The ReWall fiberboard will serve as a 'green' construction material that has the appearance of drywall, the durability of plywood, is mold and moisture resistant, is flexible, and provides thermal and acoustic insulation.

Target Area: 300 mile radius of Des Moines

PROPOSAL RECOMMENDATIONS: \$25,000 AND BELOW

MARKET DEVELOPMENT PROJECT:

Greater Fairfield Habitat for Humanity
909 West Broadway
Fairfield, Iowa 52556

Forgivable Loan: \$20,000
Zero Interest Loan: \$ 0
3% Interest Loan: \$ 0
Total Award Amount: \$20,000

Cash Match: \$42,000
In-Kind Match: \$ 1,000
Local Match: \$43,000

Total Project Cost: \$63,000

Project Title: Fairfield Habitat ReStore Project
Contact: Coralie Brook **Phone:** 641-472-7148
Project Type: Market Development
Applicant: Private Not For Profit
Description: Greater Fairfield Area Habitat for Humanity is developing a Habitat ReStore in Fairfield, Iowa, that will serve a six-county market area in southeast Iowa. SWAP funds will be used to help fund the salaries of two additional full-time staff members and to assist with the purchase of a pickup or van (with power lift) to be used for collecting donated items.

Target Area: Jefferson, Wapello, Keokuk, Washington, Henry & Van Buren Counties

BEST PRACTICES PROJECTS:

Webster County
Webster County Courthouse
701 Central Avenue
Fort Dodge, Iowa 50501

Forgivable Loan: \$2,688
Zero Interest Loan: \$ 0
3% Interest Loan: \$ 0
Total Award Amount: \$2,688

Cash Match: \$ 897
In-Kind Match: \$1,791
Local Match: \$2,688

Total Project Cost: \$5,376

Project Title: County Facility Recycling
Contact: Keith Dencklau **Phone:** 515-573-7175
Project Type: Best Practices
Applicant: Local Government
Description: Webster County has applied for SWAP funds to assist with the purchase of 250 desk-side recycling containers and 12 96-gallon hub containers to collect paper, cardboard, and plastics at the Webster County Courthouse, Law Enforcement Center, Department of Human Services, and Bank of America annex.

Target Area: Webster County Courthouse, Law Enforcement Center, Department of Human Services, and the Bank of America annex.

Horizons Unlimited of
Palo Alto County, Inc.
3826 460th Avenue
Emmetsburg, Iowa 50536

Forgivable Loan: \$9,994
Zero Interest Loan: \$ 0
3% Interest Loan: \$ 0
Total Award Amount: \$9,994

Cash Match: \$9,995
In-Kind Match: \$ 0
Local Match: \$9,995

Total Project Cost: \$19,989

Project Title: Aggressive Commercial Recycling
Contact: Laurie Schneider **Phone:** 712-852-2211
Project Type: Best Practices
Applicant: Private Not For Profit

Description: Horizons Unlimited of Palo Alto County is working to increase the volume of recycled materials collected and processed through an outreach program that targets area businesses. SWAP funds will be used to assist with the purchase of a skid-loader to help with the processing of recyclables collected as part of their expanded recycling program.

Target Area: Palo Alto County

EDUCATION PROJECT:

Regina Education Center
2140 Rochester Avenue
Iowa City, Iowa 52245

Forgivable Loan: \$1,462
Zero Interest Loan: \$ 0
3% Interest Loan: \$ 0
Total Award Amount: \$1,462

Cash Match: \$ 488
In-Kind Match: \$2,375
Local Match: \$2,863

Total Project Cost: \$4,325

Project Title: Regina Education Center Green Initiative
Contact: Missy Aitchison **Phone:** 319-351-8431
Project Type: Education
Applicant: Private Not For Profit

Description: Regina Education Center will use SWAP funds to purchase and put into service recycling containers and equipment and develop and present a campus-wide recycling program to heighten awareness of waste reduction among REC students, staff, and families, while diverting recyclable materials from the landfill.

Target Area: Regina Education Center

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

ITEM

8

DECISION

TOPIC

Contract and Contract Amendment with IDALS Division of Soil Conservation for Watershed Improvement Projects

Recommendations:

Commission approval is requested for two contracts with the Iowa Department of Agriculture and Land Stewardship Division of Soil Conservation (IDALS DSC) for water quality projects at Rathbun Lake and Big Creek Lake. Commission approval is also requested for a contract amendment with IDALS DSC to implement additional watershed improvement practices through the existing Clear Lake Water Quality Project. The total amount of these contracts shall not exceed \$559,238.

Funding Source:

These contracts will be funded through EPA Section 319 grant funds.

Background:

The following contract and contract amendment are presented for approval:

Water Quality in Rathbun Lake (IDALS DSC)	\$238,102
Big Creek Lake Water Quality Project (IDALS DSC)	\$280,834
Clear Lake Water Quality Project (IDALS DSC)(amendment)	\$40,302

Total

\$559,238

Purpose:

The parties propose to enter into these contracts for the purpose of implementing agricultural/urban watershed educational efforts and watershed improvement practices for the projects selected.

Contractor Selection Process:

These projects were chosen using a grant proposal application and committee review process.

Steve Hopkins

Coordinator, Nonpoint Source Program, Watershed Improvement Section
Geological and Water Survey Bureau, Environmental Services Division

Project Summaries

Water Quality in Rathbun Lake (IDALS DSC)

Amount: \$238,102

Time Frame: September 20, 2011—June 30, 2013

Purpose: To provide funding for 3 staff positions and cost share for best management practices at Rathbun Lake.

Summary: Rathbun Lake is the primary source of water for the Rathbun Regional Water Association (RRWA). RRWA is one of the largest rural water systems in the United States and the largest system in Iowa. RRWA provides eight million gallons of water daily to close to 80,000 people for residential, agricultural, and business use in 18 counties and 48 communities in Iowa and Missouri. In addition to being an important source of drinking water, the 11,000 acre lake offers recreational opportunities for one million visitors annually and is the site of the future Honey Creek Resort State Park. Rathbun Lake also provides flood damage reduction for 150,000 acres of downstream land, fish and wildlife habitat in the lake and on 21,000 acres of adjacent public land, downstream water quality improvement, storage for supplementing navigational flows, and water for the Iowa Department of Natural Resources' (DNR) Rathbun Fish Hatchery. Rathbun Lake is located on the Chariton River in south central Iowa. The US Army Corps of Engineers (ACOE) developed the lake in the late 1960s. The Rathbun Lake watershed consists of over 354,000 acres. Row crop production is the principal land use on close to 40% of the watershed. Corn and soybeans are the most commonly grown crops. Pasture and hayland are the principal uses of slightly more than 40% of the land in the watershed. Woodland in the watershed is concentrated along upland drainageways and in lowland areas. The purpose of this contract is to support 3 staff positions and provide funding for best management practices in high priority areas that reduce sediment and phosphorous delivery to Rathbun Lake.

Big Creek Lake Water Quality Project (IDALS DSC)

Amount: \$280,834

Time Frame: September 20, 2011—June 30, 2013

Purpose: To provide funding for support staff and cost share for best management practices at Big Creek Lake.

Summary: Big Creek Lake encompasses 781 acres and was built in 1972 by the Army Corps of Engineers as a part of a flood control project. The lake and its surrounding 3,550 acre park and wildlife refuge attract an average of 740,593 people annually. Visitors to Big Creek contribute \$19.09 million annually to the local economy, and support 233 jobs and \$4.77 million of labor income for the towns near the park. Big Creek Lake was included on the EPA's 303d list of impaired waters in the following years: 1998, 2002, 2006, and will soon be on the 2008 list, currently in its draft stage. Most recently the impairment has been listed as high bacteria levels. During the summer of 2004, high bacteria levels forced the DNR to post beach warnings on 11 separate occasions. The high bacteria levels observed at Big Creek's public beach were publicized in local and state-wide newspapers and on Des Moines area television and radio news programs. In 2005, visitation to the park decreased by 17% to a total of 681,081. In the years since, annual visitation has slowly increased back to near 2004 levels; 799,555 people visited the park in 2008. The Polk County Soil and Water Conservation District recently completed an EPA approved 9- element watershed management plan, and this contract will provide funding to implement that plan. The funding will go to support staffing position and cost share for best management practices that reduce bacteria, sediment and phosphorus load to Big Creek Lake.

Clear Lake Water Quality Project (IDALS DSC) (Contract Amendment)

Original Amount: \$100,000

Amended Amount: \$140,302 (an additional \$40,302)

Time Frame: February 1, 2009—June 30, 2012 (No Change)

Purpose: This contract amendment will provide an additional \$40,302 in funding to an existing \$100,000 contract so additional practices can be implemented through the existing Clear Lake Water Quality Project.

Summary: Clear Lake is Iowa's third largest natural lake and is the fourth most visited lake in the state. Currently the lake is impaired for algae, nutrients, and bacteria. Non-point pollution from agricultural areas, developed areas, and Ventura Marsh is the predominant source of phosphorus loading. A TMDL has been completed for phosphorus to address the algae and nutrient impairments. The Clear Lake Watershed Management Plan set a goal of 1,100 lbs of annual phosphorus loading reduction needed to meet water quality goals established in the WMP. The CLEAR Project, which began in 1995, has installed conservation practices at more than 60 locations in the watershed to date. Although water quality is improving, the current water transparency is not meeting the standards suggested by Iowa DNR. This contract amendment will focus on reducing the amount of phosphorus and sediment reaching Clear Lake.

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

ITEM

9

DECISION

TOPIC

Master Contracts with Seven (7) Companies for Flood Plain Mapping Related Services

Recommendations:

Commission approval is requested for five (5)-year master contracts with seven (7) companies for floodplain mapping related services. The master contracts will begin on September 29, 2011 and terminate on September 28, 2016. The total amount of all seven (7) contracts shall not exceed \$5 million. The initial master contract with each company may be renewed or negotiated for two (2) additional periods of twelve (12) months each, at the discretion of the DNR.

Funding Source:

This contract will be funded through a Federal appropriation from the Community Development Block Grant (CDBG) program as outlined in **Public Law 110-329** and administered by the Iowa Partnership for Economic Progress (IPEP).

Background:

The DNR was awarded \$15.0 million in CDBG Disaster Recovery Funds in 2009. This funding was allocated for the development of new flood plain maps and updating of existing maps for all of the 85 Iowa counties listed in the federal Disaster Declaration of 5/27/2008 (Declaration FEMA-1763-DR).

The DNR issued a Request for Information (RFI) regarding the work components associated with flood plain mapping for the State of Iowa in April 2009. The DNR also began work on a flood hazard mapping needs assessment and a flood plain mapping pilot project (Poweshiek County) in September of 2009. The RFI responses and results of the needs assessment and pilot project were all intended to educate the DNR on preferred methods, practices, costs, and capacity for a statewide flood plain mapping initiative.

During the 2010 legislative session, the Iowa General Assembly passed SF2389. Division 15 of this legislation requires the DNR to utilize the flood plain mapping services offered by the Iowa Flood Center, located at the University of Iowa, for \$10.0 million of the total \$15.0 million allocated to the DNR. The DNR and the Iowa Flood Center are working closely to determine the most efficient and effective methods of producing flood map products that satisfy both DNR and FEMA expectations.

This request for approval for five (5)-yr master contracts with seven (7) companies for floodplain mapping related services addresses the remaining \$5 million of the \$15 million CDBG funding.

Purpose:

The parties propose to enter into these master contracts for the purpose of developing new flood plain maps, update and improve existing maps, and provide specified floodplain mapping related services in the 85 counties that are eligible for financial assistance from CDBG Disaster Recovery Funding awarded in 2009.

The services in the master contracts include the following list of Risk MAP Flood Study and Program Management activities. Task Orders will include selected activities from this list. Task Orders will be determined for individual projects as the needs arise.

Risk MAP Flood Studies – For the development of Flood Insurance Rate Maps (FIRMs) and Flood Insurance Studies (FISs) for counties in the State of Iowa, and selected FIRM panels for Physical Map Revisions (PMRs), the activities are as follows.

The majority of services will include production of preliminary map products, distribution of preliminary map products and post-preliminary map production. The likelihood of an activity being included in individual Task Orders is estimated in parentheses.

- a. Project Management (5% - PMRs & Enhanced Flood Studies)
- b. Perform Discovery (negligible)
- c. Perform Project Outreach (5% - PMRs & Enhanced Flood Studies)
- d. Perform Field Survey (5% - PMRs & Enhanced Flood Studies)
- e. Develop Topographic Data (5% - PMRs & Enhanced Flood Studies)
- f. Acquire Base Map (5% - PMRs & Enhanced Flood Studies)
- g. Develop Hydrologic Data (5% - PMRs & Enhanced Flood Studies)
- h. Develop Hydraulic Data (5% - PMRs & Enhanced Flood Studies)
- i. Perform Floodplain Mapping (5% - PMRs & Enhanced Flood Studies)
- j. Develop DFIRM Database (5% - PMRs & Enhanced Flood Studies)
- k. Develop Non-Regulatory Products (negligible)
- l. Produce Preliminary Map Products (95%)
- m. Distribute Preliminary Map Products (95%)
- n. Post-Preliminary Map Production (95%)

Program Management – Based on availability of FEMA CTP funds, the following Program Management activities will be included in floodplain mapping related services. The likelihood of an activity being included in individual Task Orders is estimated in parentheses.

- o. State and Local Business Plans and/or Updates (95%)
- p. Program Management Activities (95%)
- q. Outreach (20%)
- r. Providing Training to State and Local Officials (5%)
- s. Mitigation Planning and Technical Assistance (negligible)
- t. Staffing (negligible)
- u. Mentoring (negligible)
- v. CNMS Updating & Maintenance (20%)

Contractor Selection Process:

A Request for Proposal (RFP) for Floodplain Mapping Related Services was advertised on July 12, 2011, with Proposals due on August 9, 2011. Thirteen proposals were received and a seven (7) member Evaluation Committee reviewed each proposal based on the following criteria:

- Floodplain Mapping Related Services
- Project Team
- Description of Specialized Extensions/Tools
- Service to the DNR
- Fulfillment of all RFP Requirements
- Basis of Compensation

The following seven (7) companies were deemed to be most qualified to provide the services required by the DNR:

1. *AECOM Technical Services*
2. *AMEC Earth & Environmental*
3. *Atkins North America*
4. *Dewberry & Davis*
5. *Michael Baker Jr.*
6. *Stantec Consulting Services*
7. *URS Corporation*

Presenter's name: Scott Ralston, P.E., CFM

Presenter's Title: Environmental Engineer Senior

Presenter's Bureau and Division: Iowa Geological and Water Survey Bureau, Environmental Services Division

Commission Date: September 20, 2011

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

ITEM

10

DECISION

TOPIC **Contract Amendment – American Computer Services, Inc. – One Stop
Project Manager**

Recommendation:

The Department requests Commission approval of a contract amendment in the amount of \$159,600 with American Computer Services, Inc. to extend the contract one year, until October 31, 2012.

Funding Source:

This project will be funded solely with federal funds through EPA Exchange Network grants.

Background:

DNR has received EPA grants for the past several years for Information Technology (IT) improvements related to One Stop and the Exchange Network. One Stop is a national program to link the databases for various environmental permits, based on a facility site. This allows for a “One Stop” access via a website to see all the environmental permits/interests for a site. Using data standards for One Stop provides the foundation for automating the exchange of data with EPA and other users through the Exchange Network.

DNR has gradually added more program databases to our own One Stop data warehouse, and currently has automated data exchanges with EPA and other states for data related to: facilities, drinking water, air emissions, emergency response, and Toxic Release Inventory, water quality monitoring and assessments.

Purpose:

The purpose of this contract is to extend the Project Manager/Database Developer services for another year to implement an additional Exchange Network grant. One of the key projects is to upgrade Iowa’s application which allows integration of 14 different environmental databases and editing 25 different map layers.

Consulting Firm Selection Process:

This contractor was chosen because they have provided Pat McDermott as the One Stop Project Manager/Database Developer for the past eight years. He has done an outstanding job of integrating the different environmental databases into the Environmental Facilities Database warehouse, and developing data flows for the Exchange Network. In addition, he has extensive experience with other data warehouses, state agencies and project management.

Because the primary DNR staff person to coordinate One Stop will be retiring this year, Mr. McDermott plays a critical role to upgrade the current system and implement the Exchange Network projects.

Sharon Tahtinen, Bureau Chief
Water Quality Bureau
Environmental Services Division

July 19, 2011

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

ITEM

11

DECISION

TOPIC

Notice of Termination; New rules Chapter 48, Ground Heat Exchanger (GHEX) Loop Borehole Systems and amendments to Chapter 38, Private Water Well Construction Permits; Chapter 39, Requirements for Properly Plugging Abandoned Wells; Chapter 49, Nonpublic Water Supply Wells; and Chapter 82, Well Contractor Certification.

As approved by the Commission at their February 15, 2011 meeting to begin formal rulemaking, the proposed amendments were intended to create a new chapter of rules specific to geothermal heat exchange (GHEX) loop borehole wells and update Chapters 38, 39, 49, and 82 as needed to implement new Chapter 48.

A number of concerns were raised during the public hearing process regarding specific rules within proposed Chapter 48. These concerns warrant holding additional stakeholder meetings with multiple groups and work towards consent on amended rule language for the key issues. Because of the time needed to adequately work with the stakeholder groups and modify the proposed rules, the Department will not be able to comply with the 180 day time limit for completion of rulemaking which expires on October 9, 2011. Therefore, it is requested that the Commission terminate this rulemaking project.

Once the Department satisfactorily resolves the issues with stakeholders, the Department will start the procedure to initiate the formal rulemaking process and seek commission approval for amended Chapter 48 and the updates to Chapters 38, 39, 49, and 82.

Sharon Tahtinen
Bureau Chief
Environmental Services Division

August, 25, 2011

ENVIRONMENTAL PROTECTION COMMISSION [567]

Notice of Termination

Pursuant to the authority of Iowa Code sections 455B.105.3 and 455B. 187 the Environmental Protection Commission hereby terminates the rule making initiated by its Notice of Intended Action published in the Iowa Administrative Bulletin on March 9, 2011, as **ARC 9425B**, proposing to amend Chapter 38, “Private Water Well Construction Permits,” to amend Chapter 39, “Requirements for Properly Plugging Abandoned Wells,” to adopt new rules - Chapter 48, “Ground Heat Exchanger (GHEX) Loop Borehole Systems,” and to amend Chapter 49, “Nonpublic Water Supply Wells,” and Chapter 82, “Well Contractor Certification,” Iowa Administrative Code.

The purpose of this rule making was to rescind current GHEX language from Chapter 49 and to adopt new GHEX loop borehole rules, Chapter 48, which would standardize the minimum construction requirements for this type of well structure and create additional protections to Iowa’s groundwater and drinking water. The proposed Chapter 48 rules were written to closely correspond to nationwide standards that are currently proposed by contractor trade groups and would be more relevant to the actual geological conditions that exist in Iowa. Amendments to additional private well related rules were proposed to fully implement the proposed Chapter 48.

The public hearing process brought forward a number of concerns about specific rules within proposed Chapter 48. These concerns warrant holding additional stakeholder meetings with multiple groups and work towards consent on amended rule language. Because of the time needed to adequately work with stakeholder groups and modify the

proposed rule, the Department will not be able to comply with the 180 day time limit for completion of rulemaking which expires on October 9, 2011.

The Commission will commence rulemaking again when work with the stakeholder groups has resolved the key issues. Therefore, rule making for ARC **9425B** is terminated.

Date

Roger L. Lande, Director

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

ITEM

12

DECISION

TOPIC

Clean Water and Drinking Water State Revolving Loan Fund – Second Quarter Updates to FY 2012 Intended Use Plans

Commission approval is requested for the second quarter updates to the Clean Water State Revolving Fund (CWSRF) and Drinking Water State Revolving Fund (DWSRF) Intended Use Plans (IUPs) for FY 2012 (July 1, 2011 – June 30, 2012). The Iowa SRF is one of the primary funding sources for water quality and protection of public health. Since 1989, the Iowa SRF has committed \$1.85 billion for water and wastewater infrastructure and nonpoint source pollution control.

The Iowa SRF is operated through a coordinated partnership between the Department of Natural Resources (DNR) and the Iowa Finance Authority (IFA). DNR administers the environmental and permitting aspects of the programs, with IFA providing financial assistance including loan approval and disbursements.

The FY 2012 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 updated quarterly to add projects to the priority lists and address policy changes as needed.

The CWSRF provides low-interest loans for wastewater and storm water infrastructure improvements and nonpoint source water quality projects. Since 1989, the Iowa CWSRF has committed \$1.2 billion for wastewater upgrades and \$119 million for non-point source projects. The Quarter 2 FY 2012 IUP shows project requests totaling \$437 million, plus \$29.5 million for non-point source projects. It is anticipated that approximately \$374 million will be disbursed during the remainder of FY 2012 for new loans and projects still drawing on loans signed in previous years.

Since 2000, the DWSRF has committed \$506 million in loans to public water supplies to protect public health and improve infrastructure. The FY 2012 IUP shows funding requests totaling \$192 million. It is anticipated that approximately \$135 million will be disbursed during the remainder of FY 2012.

The Sources and Uses tables for both CWSRF and DWSRF show that funds are available or obtainable to provide anticipated disbursements. The IUPs will be updated quarterly during FY 2012. Iowa continues to be able to fund all projects that are eligible for SRF assistance.

Several procedural changes are proposed in the Quarter 2 updates, including:

- The DWSRF will use required loan forgiveness to incentivize water and energy efficiency and correction of public health risks, and to assist disadvantaged communities.
- The CWSRF will continue its use of administrative funds for an EPA contractor to help with project management.
- Projects on both the CWSRF and DWSRF priority lists will be dropped if they have not moved to a loan within three years and are not showing active progress.
- Applicants will not be allowed to make major changes to their project scope once loans are executed.

A public meeting was held August 11, 2011 to receive comments on the proposed IUP updates. There were no attendees. The written comment period closed on August 18, 2011. No written comments were provided.

Patti Cale-Finnegan, DNR SRF Coordinator
Water Quality Bureau
August 25, 2011

Clean Water SRF FY 2012 Quarter 2														
Project Name	NPDES No.	Project Number	CWSRF No.	Project Description	IUP Yr	Needs Category	Priority Points	Quarter	Project Status	Current Requests	FY 2010 Loan Forgiveness	Loan Signed	Original Request	Loan Amount
Alden (supplemental)	4213001	S2009-0324	1920539 02		2012			2	R	\$ 500,000				
Donahue (supplemental)	8227001	S2007-0072	1920371 02		2012			2	R	\$ 81,000				
Epworth	3133001		PD-CW-12-05		2012	II,IIIA,IIIB	P&D	2	R	\$ 400,000				
Fort Dodge	9433003		PD-CW-12-08		2012	IIIA,IIIB,IVB	P&D	2	R	\$ 3,000,000				
Keokuk	5640001		PD-CW-12-06		2012	V	P&D	2	R	\$ 340,000				
Kiron	2432001		PD-CW-12-03		2012	I	P&D	2	R	\$ 92,000				
La Porte City	0743001	S2009-0187	1920620 01	Wastewater treatment plant improvements	2012	I,II		2	P	\$ 917,822				
Mingo	5052001	S2008-0304	1920619 01	Sanitary sewer rehabilitation	2012	IIIA		2	P	\$ 513,214				
Nemaha	Unsewered		PD-CW-12-04		2012	I,IIIB	P&D	2	R	\$ 75,000				
Rowan	Unsewered		PD-CW-12-07		2012	I,IVA	P&D	2	R	\$ 136,400				
Cedar Falls	0709001	S2009-0191	1920617 01	Ultraviolet disinfection treatment process	2012	II		1	R	\$ 21,064,000				
Grand Mound			PD-CW-11-28		2012	IIIA, IIIB	P&D	1	R	\$ 201,040				
Homestead S.D.			PD-CW-11-29		2012	I	P&D	1	R	\$ 140,000				
Martensdale	9147001		PD-CW-11-47		2012	II,IIIS,IIIB	P&D	1	R	\$ 220,000				
North English	4858001		PD-CW-11-36		2012	II,IIIA,IIIB	P&D	1	R	\$ 140,000				
RUSS (Abingdon)	Unsewered		PD-CW-11-38		2012	I,IVA	P&D	1	R	\$ 100,000				
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 (Greenbriar)	Unsewered		PD-CW-11-41		2012	I,IVA	P&D	1	R	\$ 100,000				
RUSS (Lakewood)	Unsewered		PD-CW-11-42		2012	I,IVA	P&D	1	R	\$ 100,000				
RUSS (Libertyville Road)	Unsewered		PD-CW-11-43		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				
Wapello	5879001		PD-CW-11-37		2012	II	P&D	1	R	\$ 115,000				
Albert City	1103001	S2011-0114	1920608 01	New lagoon, disinfection	2011	II,IIIA		4	C	\$ 2,787,264	30%			
Callender	9417001	S2011-0132	1920616 01	Sewer rehabilitation, bioswale for storm water treatment	2011	IIIA,VI		4	C	\$ 717,125				
Charles City	N/A	N/A	GNS10-1	Permeable paving	2011	VII-K		4	P	\$ 1,682,397	30%			
Coraville	N/A	N/A	GNS10-4	Green storm water infrastructure	2011	VII-K		4	P	\$ 4,703,000	30%			
Denver	0915001	S2007-0432	1920609 01	Sewer rehabilitation, new wastewater treatment plant	2011	II,IIIA		4	P	\$ 6,153,127				
Dubuque (Upper Bee Branch)	N/A	N/A	GNS10-5	Stream daylighting	2011	VII-K		4	P	\$ 14,767,000	30%			
Geneva	3539000	S2010-0308	1920610 01	New collection system, sand mound treatment	2011	II		4	P	\$ 518,775	30%			
Liscomb	6462001	S2011-0014	1920611 01	Lagoon upgrade	2011	I		4	C	\$ 427,028				
Lohrville	1389001	S2010-0121	1920615 01	Septic Tank Effluent Pump (STEP) system, new lagoon	2011	I,IIIA		4	C	\$ 2,342,425	30%			
Paullina	7155001	S2011-0076	1920607 01	Interceptor sewer upgrades	2011	IVB		4	P	\$ 498,000				
Pocahontas	7633001	S2011-0086	1920612 01	Wastewater treatment plant upgrade	2011	II		4	P	\$ 430,000				
Polk County (Phase 4 & 5, Trunk Sewer)		S2010-0093	1920511 01	New interceptor sewer to convey wastewater to Wastewater Reclamation Facility	2011	IVB		4	R	\$ 4,240,490				
Reasnor (II)	5071001	S2009-0207	1920613 01	Sewer rehabilitation, sludge removal	2011	I		4	P	\$ 455,510				
Reinbeck	N/A	N/A	GNS10-3	Permeable paving	2011	VII-K		4	P	\$ 107,880	30%			
Springville	5782002	S2011-0055	1920614 01	Sewer rehabilitation	2011	IIIB,IIIA		4	R	\$ 966,350				
Whitten	4293001	S2010-0133	1920618 01	Sewer rehabilitation, lagoon upgrade	2011	I,IIIA		4	C	\$ 318,706				
Clarion	9909001	S2010-0186	1920602 01	Wastewater treatment plant upgrades	2011	II		3	C	\$ 3,309,871				
Cumberland	1516001	S2011-0006	1920601 01	Sewer rehabilitation, disconnection of cross-connections	2011	IIIA		3	P	\$ 101,000				
Freeport (Winneshiek Co)	9630001	S2010-0118	1920599 01	Sewer rehabilitation, pump station upgrades	2011	IIIB		3	P	\$ 399,960				
Griswold	1528001	S2010-0014	1920603 01	Sewer rehabilitation	2011	IIIA		3	P	\$ 2,332,040				
Lake Mills	9445001	S2010-0205	1920604 01	Wastewater treatment plant upgrade	2011	II		3	P	\$ 7,035,054	30%			
RUSS (Area On-Site-Phase 1)			PD-CW-11-10		2011	I	P&D	3	R	\$ 193,000				
Turo	6167001	S2010-0144	1920605 01	Sewer rehabilitation	2011	IIIA		3	P	\$ 793,860				
Wyoming	5392001	S2009-0239	1920606 01	Lagoon upgrade	2011	I		3	P	\$ 1,480,812				
Albion	6403001	S2010-0230	1920579 01	Sewer rehabilitation	2011	IIIA		2	P	\$ 1,190,285				
Anita	1503001	S2010-0173	1920580 01	Sewer rehabilitation	2011	IIIA		2	P	\$ 2,251,385				
Blakesburg	6827001	S2010-0167	1920581 01	Sewer rehabilitation	2011	IIIA		2	P	\$ 589,840				
Buffalo	8218001	S2010-0278	1920582 01	Disinfection, wastewater treatment plant upgrades	2011	II		2	C	\$ 287,850				
Earling	8320001	S2010-0187	1920584 01	Controlled discharge lagoon	2011	II		2	P	\$ 2,724,114				
Keokuk (Victory Park)	5640001	S2010-0312	1920596 01	Combined sewer separation	2011	V		2	P	\$ 4,585,400				
Kingsley	7537001	S2010-0262	1920585 01	New aerated lagoon, disinfection	2011	II		2	C	\$ 2,357,598				
Leon	2742001	S2008-0094	1920597 01	Sewer rehabilitation	2011	IIIA		2	C	\$ 1,523,080				
Massena	1558001	S2010-0129	1920578 01	Sewer rehabilitation	2011	IIIA		2	C	\$ 1,907,651				
Mondamin	4349001	S2007-0165	1920587 01	Sewer rehabilitation	2011	IIIA		2	P	\$ 83,578				

Nevada	8562001	S2010-0153	1920586 01	Disinfection	2011	II	194	2	P	\$	805,000				
Pella	6368006	S2010-0130	1920588 01	Collection and treatment system improvements	2011	II,IIIA	159	2	C	\$	5,319,793				
Sloan	9780001	S2006-0053	1920589 01	New aerated lagoon, disinfection	2011	II	194	2	C	\$	2,218,393				
South-West Shoreline Sanitary District	1178001	S2010-0249	1920590 01	Septic Tank Effluent Pump (STEP) system, new lagoon	2011	I	172	2	P	\$	3,036,342				
State Center	6484001	S2010-0277	1920591 01	Sewer rehabilitation	2011	IIIA	129	2	P	\$	1,868,298				
Swea City	5584001	S2011-0023	1920598 01	Sewer rehabilitation	2011	IIIA	149	2	C	\$	809,313				
Wapello (Supplemental)	5879001	S2009-0147	1920470 02	Combined sewer separation	2011	V	150	2	R	\$	327,444				
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	C	\$	16,545,820				
Waverly (6th Ave.Lift Station)	0990001	S2010-0284	1920594 01	Pump station upgrade	2011	IIIB	142	2	C	\$	551,460				
Waverly (Clarifier Equipment)	0990001	S2010-0284	1950595 01	Clarifier upgrade to prevent algae growth and improve disinfection	2011	II	162	2	C	\$	786,790				
Webster City	4063001	S2010-0254	1920592 01	Digester upgrade	2011	II	159	2	C	\$	576,710				
Alexander	Unsewered	S2010-0151	1920574 01	Collection system and lagoon	2011	I	170	1	P	\$	1,370,570				
Ames	8503001	S2010-0041	1920526 01	Disinfection	2011	II	189	1	P	\$	3,120,900				
Bennett	1603001	S2010-0120	1920529 01	Sewer rehabilitation, pump station upgrades	2011	IIIA	137	1	P	\$	2,545,200				
Brighton	9209001	S2009-0288	1920515 01	Sewer rehabilitation, wastewater treatment plant upgrade	2011	II,IIIB	140	1	P	\$	3,200,000				
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	P	\$	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				
Hospers	8439001	S2009-0096	1920524 01	Wastewater treatment plant upgrade	2011	II	165	1	P	\$	2,179,600				
Hull	8444001	S2008-0093	1920516 01	Lagoon upgrade, disinfection	2011	II	184	1	C	\$	1,955,057				
Joice	Unsewered	S2009-0173	1920556 01	Collection system and force main to convey wastewater to Lake Mills	2011	IVB	150	1	P	\$	2,031,060				
Knoxville	6342001		PD-CW-10-54		2011	II	P&D	1	R	\$	375,000				
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	C	\$	1,169,665				
Lansing	0345054	S2010-0147	1920519 01	Sewer rehabilitation, extend sewer to unsewered residences	2011	IIIA,IVA	147	1	C	\$	110,832				
Ladyard	Unsewered	S2010-0152	1920542 01	New collection system, decentralized treatment	2011	I	210	1	P	\$	1,938,897				
Lenox	8748001	S2010-0172	1920558 01	Sewer rehabilitation	2011	IIIA	129	1	C	\$	195,940				
Libertyville	5148001		PD-CW-10-51		2011	I,IIIA,IIIB,VI	P&D	1	R	\$	95,000				
Lone Rock	Unsewered	S2009-0060	1920573 01	New collection system, controlled discharge lagoon	2011	II,IVB	140	1	P	\$	1,868,500				
Manning	1457001	S2010-0225	1920559 01	Interceptor sewer, disinfection	2011	II,IIIB	197	1	C	\$	423,844				
Meriden* (Revised)	1843001	S2010-0174	1920560 01	Inflow/infiltration reduction, variable frequency drives, premium efficiency pumps	2011	I,IIIB	159	1	C	\$	377,500	20% of green project components			
Muscatine	7000600	S2010-0228	1920561 01	Connect mobile home park to city sewer system	2011	IVB	135	1	C	\$	933,240				
Neola	7853001	S2010-0011	1920562 01	New wastewater treatment plant, new pump station	2011	II,IVB	159	1	C	\$	3,265,633				
New London	4458001	S2010-0155	1920545 01	Wastewater treatment plant upgrade	2011	II	190	1	P	\$	3,765,000				
Newhall	653001	S2010-0115	1920577 01	New wastewater treatment plant	2011	II	120	1	C	\$	4,383,347				
Osceola	2038002	S2010-0251	1920563 21	Sewer rehabilitation	2011	IIIA,IIIB	120	1	C	\$	5,555,000				
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	P	\$	737,805				
RUSS (Pekin Sewer)	Unsewered		PD-CW-10-48		2011	I,IVA	P&D	1	R	\$	193,000				
Spencer	2171004	S2010-0111	1920528 01	Combined sewer separation	2011	V	185	1	P	\$	2,300,000				
St. Ansgar	6673001	S2010-0148	1920544 01	Sewer rehabilitation	2011	IIIB	170	1	P	\$	390,365				
Underwood	7869001	S2008-0186	1920568 01	Sewer rehabilitation	2011	IIIA	147	1	C	\$	252,399				
Walker	5792001	S2010-0126	1920569 01	Conversion to controlled discharge lagoon	2011	II	160	1	P	\$	2,650,240				
Wall Lake	8166061		PD-CW-10-73		2011	IIIA,IIIB	P&D	1	R	\$	275,000				
Wheatland	2394001	S2010-0199	1920570 01	Sewer rehabilitation	2011	IIIA	120	1	C	\$	557,520				
Windsor Heights (Revised)	7727001	S2010-0223	1920571 01	Sewer rehabilitation	2011	IIIB	160	1	C	\$	5,048,384				

Winterset	6171001	S2010-0227	1920572 01	Sewer rehabilitation, disinfection	2011	II,IIIB	130	1	C	\$	2,131,100				
Bedford	8709001	S2007-0348	1920540 01	Sewer rehabilitation, disinfection, pump station upgrades	2010	IIIA,IIIB	194	4	P	\$	1,535,200				
Carson	7809001	S2010-0054	1920532 01	Disinfection	2010	II	190	4	P	\$	370,625				
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				
Madrid	0848001	S2010-0026	1920535 01	New wastewater treatment plant	2010	II	194	4	P	\$	4,571,260				
McCallsburg	8552001	S2010-0061	1920521 01	Sewer rehabilitation, new pump station, lagoon expansion	2010	I,IIIA	159	4	R	\$	810,000				
Minburn	2547001	S2009-0119	1920533 01	Sewer rehabilitation, new lagoon	2010	I	159	4	P	\$	2,045,025				
Oelwein	3353001	S2010-0150	1920541 01	Sewer rehabilitation, new interceptor sewer	2010	IVB	150	4	P	\$	2,281,329				
Primghar	7155001	S2010-0128	1920527 01	Sewer rehabilitation	2010	IIIA	139	4	P	\$	367,640				
Sioux Center	8486002	S2010-0055	1920525 01	Disinfection	2010	II	170	4	P	\$	489,100				
St. Charles	6161001	S2006-0539	1920547 01	Sewer rehabilitation	2010	IIIA	139	4	R	\$	323,200				
Washington	9271001	S2008-0245	1920522 01	New wastewater treatment plant, new interceptor sewer	2010	II	125	4	P	\$	20,520,680				
Council Bluffs	7820001	S2009-0320	1920504 01	Digester upgrade	2010	I	165	3	R	\$	1,537,725				
Fairfield	5131001	S2009-0298	1920505 01	Sludge storage	2010	II	85	3	R	\$	1,878,600				
Fayette	3342001	S2008-0323	1920506 01	Wastewater treatment plant upgrade, disinfection	2010	II	187	3	P	\$	1,031,000				
Lakota	Unsewered	S2008-0228	1920507 01	New collection system, controlled discharge lagoon	2010	I	159	3	P	\$	1,839,008				
Ledyard			PD-CW-10-20		2010	I,IVA	P&D	3	R	\$	14,700				
Mingo	5052001	S2008-0304	1920510 01	Lagoon expansion	2010	I	172	3	P	\$	1,515,000				
Otumwa	9083001		PD-CW-10-12		2010	V	P&D	3	R	\$	1,300,000				
Wastewater Reclamation Authority	7727001	S2008-0015	1920502 01 WDSM Outfall (Phase 13 Seq 6)	New interceptor sewer	2010	IVB	150	3	P	\$	4,600,550				
Wastewater Reclamation Authority	7727001	S2010-0059	1920498 01 Westside Supplemental Equalization Basin	Protect pump station and equalization basin from flooding	2010	IIIA	160	3	P	\$	24,341,000				
Wastewater Reclamation Authority	7727001	S2010-0060	1920501 01 Equalization Basin Utilization (1-Easterlake; 2-Beaver Creek Pump Station)	Equalization basin upgrades	2010	IIIA	160	3	P	\$	977,175				
Wastewater Reclamation Authority	7727001	S2008-0187	1920500 01 Southern Tier High Flow Pump Station	Pump station upgrades	2010	IIIA	160	3	R	\$	4,534,900				
Waucoma	3375001	S2009-0161	1920508 01	Disinfection	2010	II	165	3	P	\$	301,570				
Waukee	2573001	S2010-0035	1920509 01	New interceptor sewer to eliminate septic systems	2010	IVB	150	3	P	\$	4,098,587				
Wheatland	2394001		PD-CW-10-10		2010	IIIA, IIIB,V	P&D	3	R	\$	67,000				
Centerville	0407003	S2009-0307	1920486 01	Wastewater treatment plant upgrade	2010	II	190	2	P	\$	1,248,865				
Council Bluffs	7820001	S2009-0128	1920488 01	Disinfection	2010	II	210	2	R	\$	3,962,275				
Cresco	4515001		PD-CW-10-05		2010	II	P&D	2	R	\$	87,000				
Davenport	8222003	S2006-0279	1920490 01	Interceptor sewer	2010	IVB	125	2	P	\$	28,280,000				
Davenport	8222003	S2006-0279	1920491 01	Interceptor sewer	2010	IVB	125	2	P	\$	3,636,000				
Ida Grove	4728001	S2009-0276	1920493 01	Pump station upgrades, disinfection	2010	II,IIIB	169	2	R	\$	298,960				
Iowa DNR-Parks Bureau			PD-CW-10-09		2010	I,IIIA,IIIB,IV A, IVB,V,	P&D	2	R	\$	1,066,357				
Prairie City	5064001	S2008-0223	1920494 01	New wastewater treatment plant	2010	II	160	2	P	\$	3,973,047				
Sioux City	9778001	S2009-0275	1920495 01	New interceptor sewer, new pump station	2010	IVB	145	2	P	\$	3,192,231				
Sioux City (Supplemental)	9778001	S2008-0260	1920415 02	Wastewater treatment plant upgrades	2010	II	145	2	R	\$	7,600,000				
Waverly	0990001	S2009-0278	1920496 01	Interceptor sewer upgrades	2010	IVB	147	2	P	\$	1,818,000				
Waverly	0990001	S2010-0006	1920497 01	New interceptor sewer	2010	IVB	147	2	P	\$	1,742,250				
Allerton			PD-CW-09-66		2010		P&D	1	R	\$	215,000				
Asbury	3102001		PD-CW-09-42		2010	IVA, IVB	P&D	1	R	\$	200,000				
Clinton	2326001	S2005-0017	1920452 01	Wastewater treatment plant upgrade	2010	II	169	1	L			7/6/11	\$ 17,840,000	\$ 14,374,000	
Collins	8515001	S2008-0404	1920461 01	Sewer rehabilitation, lagoon upgrade, pump station	2010	I	150	1	R	\$	3,291,590				
Deloit	2421001		PD-CW-09-48		2010		P&D	1	R	\$	100,000				
Eagle Grove	9926001	S2009-0202	1920464 01	Sewer rehabilitation	2010	IIIA	129	1	P	\$	611,923				
Odebolt	8144001	S2009-0026	1920453 01	New controlled discharge lagoon	2010	I	174	1	R	\$	500,000				
Pisgah	4364001	S2006-0415	1920467 01	Lagoon upgrade	2010	I	167	1	P	\$	415,615	30%			
Randall	Unsewered		PD-CW-09-65		2010	IIIA	P&D	1	R	\$	50,000				
Readyln	0965001	S2009-0030	1920468 01	Disconnect residential groundwater flows to sanitary sewers	2010	IIIA	139	1	P	\$	1,331,000				
Stacyville	6677001		PD-CW-09-54		2010	IIIA,IIIB	P&D	1	R	\$	24,500				
Steamboat Rock	4289001	S2008-0306	1920469 01	Reed bed sludge treatment	2010	II,IIIB	150	1	R	\$	997,880				

Allerton	9303002	S2009-0132	1920450 01	Lagoon upgrade, disinfection	2009	II	149	4	C	\$ 2,499,750				
Boone	0819001	S2008-0303	1920368 33 (Phase 3)	Sewer rehabilitation	2009	IIIA, IIIB	129	4	R	\$ 2,688,135				
Brandon	1011001	S2009-0160	1920443 01	Sewer rehabilitation	2009	IIIA, IIIB	180	4	P	\$ 850,420				
Clinton	2326001	S2005-0016	1920280 12	Wastewater treatment plant upgrade	2009	V	159	4	R	\$ 2,282,600				
Council Bluffs	7820001		PD-CW-09-39		2009	II	P&D	4	R	\$ 344,600				
Council Bluffs	7820001		PD-CW-09-40		2009	II	P&D	4	R	\$ 109,800				
Donnellson	5620001	S2009-0047	1920441 01	Sewer rehabilitation, lagoon upgrade, disinfection	2009	II	159	4	P	\$ 1,836,180				
Elgin	3338001		PD-CW-09-31		2009	IVA	P&D	4	R	\$ 210,000				
Terril	3080001	S2009-0090	1920449 01	Lagoon upgrade, pump station	2009	I	157	4	P	\$ 1,098,880				
Wastewater Reclamation Authority	7727001	S2008-0202	1920444 01 SWADF (Phase 22 Seg 4 & 5)	New interceptor sewer to convey wastewater to Wastewater Reclamation Facility	2009	IVB	150	4	R	\$ 6,549,150				
Deloit	2421001	S2009-0109	1920438 01	Lagoon upgrade	2009	I	147	3	P	\$ 216,000				
Hospers	8439001		PD-CW-09-09		2009	I	P&D	3	R	\$ 225,000				
Storm Lake	1178001		PD-CW-09-01		2009	II, IIIB	P&D	2	R	\$ 175,000				
Grinnell	7930001		1920057 02		2009	I, IIIA, IVB	Refinance	1	R	\$ 2,190,000				
Lake Park	3045001	S2009-0089	1920447 01	Sewer rehabilitation	2009	IIIB	129		R	\$ 1,603,451				
Boone	0819001		PD-CW-08-24		2008	IIIA	P&D	4	R	\$ 811,000				
Collesburg	2809001	S2006-0385	1920385 01	Lagoon upgrade	2008	I	159	4	P	\$ 1,321,000				
Luther	Unsewered	S2007-0027	1920386 01	New collection system, controlled discharge lagoon	2008	II	180	4	P	\$ 1,919,000				
Norway	0656001	S2007-0069	1920382 01	Lagoon upgrade	2008	II	159	4	P	\$ 2,752,000				
Norway	0656001		PD-CW-08-16		2008		P&D	4	R	\$ 225,000				
Wastewater Reclamation Authority	7727001	S2009-0085	1920425 01 (Four Mile)	New interceptor sewer to convey wastewater to Wastewater Reclamation Facility	2008	IVB	150	4	R	\$ 13,473,000				
Steamboat Rock	4289001		PD-CW-08-07		2008	II	P&D	3	R	\$ 141,000				
Wastewater Reclamation Authority	7727001	S2008-0187	1920375 01	New interceptor sewer to convey wastewater to Wastewater Reclamation Facility	2008	II, IIIB	180	3	R	\$ 30,855,000				
RUSS (Argyle)	Unsewered		PD-CW-06-69		2008	I, IVA	P&D	1	D					
RUSS (Plantation Village)	Unsewered		PD-CW-06-79		2008	I, IVA	P&D	1	D					
Everly	2115001	S2007-0141	1920344 01	Sewer rehabilitation	2007	IIIB	160	4	P	\$ 753,000				
Everly	2115001		PD-CW-06-55		2007		P&D	4	R	\$ 92,500				
RUSS (Mt. Union)	Unsewered		PD-CW-06-59		2007	I, IVA	P&D	4	D					
University Park 6290001	6290001	S2006-0241	1920331 01	Sewer rehabilitation	2007	IIIB	129	1	R	\$ 312,000				
West Liberty	7073001	S2004-0084	1920278 01	Wastewater treatment plant upgrade	2004	II	149		R	\$ 1,750,000				
Hamburg	3621001	S2008-0295	1920198 02	Lagoon expansion, pump station	2000	I, IIIA	152		P	\$ 448,000				
										\$ 437,082,459		\$ 17,899,000	\$ 14,477,000	
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				
I-JOBS projects			IVB							New interceptors and appurtenances				
Antidegradation			V							Correction of combined sewers				
Green Projects 2010			VI							Stormwater management programs				
(*Indicates that a business case is required)			VII							Non-point source control projects; subcategories below:				
2010 Add Subs										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				
										VIII I Storage tanks				
										VII J Landfills				
										VII K Hydromodification				
										VII L Decentralized septic systems				

Drinking Water SRF FY 2012 Quarter 2												
Project Name	DWSRF No.	Project Description	IUP Yr	Project Type	Priority Points	Quarter	Project Status	Current Requests	FY 2010 Loan Forgiveness	Loan Signed	Original Request	Loan Amount
Albia	FS-68-12-DWSRF-008	Water main replacement	2012	B,C,E	40	2	P	\$ 350,000				
Albion	FS-64-12-DWSRF-004	New shallow wells to avoid nitrates and provide redundancy, new treatment plant to avoid floodplain	2012	B,C,E	55	2	P	\$ 644,380				
Churdan	FS-37-12-DWSRF-007	Treatment plant rehab with breakpoint chlorination eliminate nitrite problems and lime softening to oxidize arsenic to stay below MCL	2012	A,B,E	85	2	P	\$ 215,433				
Humboldt	FS-46-12-DWSRF-006	Rehab of treatment plant, replacement of non-conforming clearwell, floodproofing and addition of sludge dewatering equipment to meet NPDES requirements	2012	B,E	25	2	P	\$ 5,470,160				
Lyon-Sioux RWS Rock Rapids*	FS-60-12-DWSRF-011	Meter replacement, automatic meter reading system	2012	B,E	30	2	P	\$ 454,500	20%			
Minburn	FS-25-12-DWSRF-009	Two wells, new treatment plant with iron filtration and reverse osmosis, chlorination equipment and 25,000 gallon storage tank	2012	B,E	25	2	P	\$ 430,260				
Rathbun RWA	FS-04-12-DWSRF-010	New 2 MG elevated storage tank	2012	B,C	45	2	P	\$ 5,602,470				
Ryan	FS-28-12-DWSRF-005	New Silurian well with emergency power and control building	2012	B,E	35	2	P	\$ 300,611				
Story City	FS-85-12-DWSRF-012	New treatment plant with iron and manganese removal and RO for softening	2012	B,E	40	2	P	\$ 3,669,080				
Churdan	PD-DW-12-01		2012	G	P&D	2	R	\$ 53,500				
Fort Madison (Supplemental)	FS-56-07-DWSRF-017 (2)		2012			2	R	\$ 383,800				
Humboldt	PD-DW-12-02		2012	G	P&D	2	R	\$ 481,600				
Eldon (Supplemental)	FS-90-08-DWSRF-033 (2)	New elevated storage tank, water main replacement	2012	B,C,E	55	1	P	\$ 62,325				
Farmington	FS-89-12-DWSRF-002	Water main replacement	2012	B,C,E	40	1	P	\$ 398,950				
Oxford Junction	FS-53-12-DWSRF-001	New well #4 with modifications at treatment for Well #2 to include Well #4	2012	B,D,E	40	1	P	\$ 398,870				
Palo	FS-57-12-DWSRF-003	New water treatment plant for new municipal system	2012	A,E	55	1	P	\$ 1,040,200				
Albion	PD-DW-11-31		2012	G	P&D	1	R	\$ 89,100				
Aplington	FS-12-11-DWSRF-032	Iron filtration and softening plant rehab	2011	B,E	30	4	P	\$ 905,084				
Center Junction	FS-53-11-DWSRF-033	Replacement of ground storage reservoir, hydropneumatic tank, and generator	2011	B,C,E	55	4	P	\$ 125,000				
Colfax*	FS-50-11-DWSRF-035	New meter installation	2011	B,E	30	4	P	\$ 532,000	30%			
Collins*	FS-85-11-DWSRF-024	Meter replacement	2011	B,E	20	4	D					
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	P	\$ 675,000	20%			
Durant*	FS-16-11-DWSRF-026	Meter replacement with addition of radio read and leak detection	2011	B,E	30	4	P	\$ 182,000	20%			
Garnavillo	FS-22-11-DWSRF-020	Water main replacement and looping	2011	B,C,E	40	4	P	\$ 372,990				
Geneva*	FS-35-11-DWSRF-025	Meter installation	2011	B,C,E	40	4	P	\$ 101,076	30%			
Le Mars*	FS-75-11-DWSRF-022	Meter replacement, automatic meter reading system	2011	B,E	30	4	P	\$ 984,890	20%			
Leland	FS-95-11-DWSRF-030	Redundant well, iron/manganese filtration plant rehab, flushing hydrant replacement	2011	B,C,E	55	4	P	\$ 244,420				
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	P	\$ 1,602,244	60%			
Maquoketa*	FS-49-11-DWSRF-027	Meter replacement with addition of radio read	2011	B,D,E	35	4	P	\$ 389,360	20%			
Oto	FS-94-11-DWSRF-021	Iron filtration rehab	2011	B,C,E	35	4	P	\$ 295,000				
Ottumwa*	FS-90-11-DWSRF-023	Meter replacement, variable frequency drives for high service pumps	2011	B	20	4	P	\$ 1,250,000	20%			

Panora	FS-39-11-DWSRF-029	Addition of reverse osmosis to treatment process	2011	B,C,E	35	4	P	\$ 888,000				
Ralston	FS-14-11-DWSRF-034	Redundant well, booster pump installation, treatment plant upgrades	2011	B,C,E	55	4	P	\$ 343,600	40%			
Story City	FS-85-11-DWSRF-037	Water meter replacement	2011	B,E	30	4	P	\$ 207,000	20%			
Timber Ridge Water Utility Corporation*	FS-06-11-DWSRF-031	Redundant well, disinfection, hydropneumatic tank, emergency generator, meter installation	2011	B,C,E	55	4	P	\$ 295,930	20% of green portion			
Columbus City	FS-58-11-DWSRF-014	Water main replacement	2011	B,C,E	40	2	P	\$ 596,000				
Creston Water Works	FS-88-11-DWSRF-011	Water main replacement	2011	B,C,E	40	2	P	\$ 967,984				
Donahue	FS-82-11-DWSRF-016	Water main replacement	2011	B,C,E	40	2	P	\$ 136,855				
Frankville (Winneshiek Co BO)	FS-98-11-DWSRF-012	New public water supply to replace private wells	2011	A,E	45	2	P	\$ 762,449	40%			
Keokuk Municipal Water Work	FS-56-11-DWSRF-019	Switch from gas chlorine to on-site generation	2011	B	15	2	P	\$ 1,246,340	30%			
Minden	FS-78-11-DWSRF-013	New elevated storage tank	2011	B,E	45	2	P	\$ 454,702				
Rolfe	FS-76-11-DWSRF-017	Backup well, water main replacement, and new well controls.	2011	B,C,E	55	2	P	\$ 922,130	50%			
Webster City	FS-40-11-DWSRF-015	Filter renovation, new chlorine gas system, new well, and new transmission main	2011	B,E	45	2	P	\$ 4,297,550				
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	P	\$ 2,973,634				
Kelley	FS-85-11-DWSRF-008	New well and treatment, EST, raw water main, and water main replacement	2011	B,E	45	1	P	\$ 1,825,070	30%			
New London	FS-44-11-DWSRF-001	New ground storage reservoir, high service pump, standby power, and water main replacement	2011	B,C,E	55	1	P	\$ 1,111,000				
Ottumwa	FS-90-11-DWSRF-005	Ultraviolet disinfection, replace 3 high service pumps, water main replacement, meter replacement	2011	B,E	45	1	P	\$ 1,666,500	40%			
Sioux City	FS-97-11-DWSRF-004	Southbridge treatment plant	2011	B	35	1	P	\$ 22,767,000				
Walker	FS-57-11-DWSRF-009	New elevated storage tank and water main replacement	2011	B,E	45	1	P	\$ 844,239				
Wall Lake*	FS-81-11-DWSRF-007	Meter replacement, well #2 pump replacement, new control panel for wells, and distribution system improvements	2011	B,C,E	55	1	P	\$ 864,378	20% of green portion			
Libertyville	PD-DW-10-52		2011	G	P&D	1	R	\$ 95,000				
Wall Lake	PD-DW-10-72		2011	G	P&D	1	R	\$ 130,000				
Shenandoah	FS-73-10-DWSRF-065	Additional wells, new treatment plant, transmission main, and storage	2010	B,C,E	55	4	C	\$ 12,204,840				
Ainsworth	FS-92-10-DWSRF-066	Water main looping and replacement	2010	B,C,E	40	4	P	\$ 202,000				
Braddyville	FS-73-10-DWSRF-062	Replacement of treatment plant	2010	B,C,E	50	4	P	\$ 83,578				
Castalia	FS-96-10-DWSRF-059	Emergency power, flow meters, replacement of pressure tanks, water main replacement	2010	B,C,E	40	4	P	\$ 114,000				
College Springs	FS-73-10-DWSRF-061	Connection to Southwest Rural Water District	2010	A,C,E	80	4	P	\$ 110,000	50%			
Dexter	FS-25-10-DWSRF-068	Joint treatment plant with the City of Redfield	2010	B,C,E	35	4	P	\$ 1,149,835				
Fremont	FS-62-10-DWSRF-054	Water main replacement and 50 water meters	2010	B,C,E	40	4	P	\$ 760,530				
Keota	FS-54-10-DWSRF-060	Water main replacement	2010	B,E	30	4	P	\$ 372,690				
Lansing	FS-03-10-DWSRF-072	Water main replacement	2010	B,E	30	4	P	\$ 992,370				
Mason City	FS-17-10-DWSRF-069	Replacement of elevated storage tank with same size; new security fence	2010	B	35	4	P	\$ 1,085,750				
Redfield	FS-25-10-DWSRF-055	Treatment plant replacement	2010	B,C,E	50	4	P	\$ 1,568,328				
Shambaugh	FS-73-10-DWSRF-063	Replacement of treatment plant	2010	B,C,E	55	4	P	\$ 68,428				
Sibley	FS-72-10-DWSRF-070	Replacement of ground storage reservoir with elevated storage tank and water main replacement	2010	B,C,E	40	4	P	\$ 1,390,770				
St. Ansgar	FS-66-10-DWSRF-057	Well replacement and water main replacement	2010	A,B,C,E	85	4	P	\$ 263,610				
St. Lucas	FS-33-10-DWSRF-074	New public water supply	2010	A,C,E	55	4	P	\$ 2,246,351				

Wayland	FS-44-10-DWSRF-073	Secondary supply from Rathbun and treatment plant improvements to handle supplementary source	2010	B,C,E	35	4	P	\$ 237,350				
Dexter	PD-DW-10-43		2010	G	P&D	4	R	\$ 125,000				
Early	FS-81-10-DWSRF-052	New elevated storage tank and water main replacement	2010	B,C,E	55	4	R	\$ 780,000				
Poweshiek Water Association	PD-DW-10-42		2010	G	P&D	4	R	\$ 180,250				
Ames	FS-85-10-DWSRF-046	New 15 million gallon/day lime softening plant	2010	B	35	3	P	\$ 49,471,000				
Fort Dodge	FS-94-10-DWSRF-048	Replacement of water main, new well and wellhouse for redundancy	2010	B,E	15	3	P	\$ 2,963,467				
Lisbon	FS-57-10-DWSRF-041	Water main replacement to improve pressure and flow	2010	B,E	30	3	P	\$ 718,110				
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	P	\$ 3,609,600				
Reinbeck (Revised)	FS-38-10-DWSRF-050	Water main and Well #1 replacement	2010	B,E	30	3	P	\$ 388,000				
Ames	PD-DW-10-23		2010	G	P&D	3	R	\$ 6,249,000				
Sioux City	FS-97-10-DWSRF-040	Install conventional flocculation, settling, and chemical addition at Zenith Plant for total organic carbon removal and add emergency power	2010	A,B,E	60	3	R	\$ 9,542,000				
Elgin	FS-33-10-DWSRF-010	Replacement of water main, new well and wellhouse for redundancy	2010	B,C,E	40	2	P	\$ 1,307,950				
Harlan	FS-83-10-DWSRF-017	Two new wells, transmission main, and new softening plant	2010	B,E	40	2	P	\$ 8,080,000				
La Porte City	FS-07-10-DWSRF-019	New well, treatment plant rehab, new elevated storage tank, raw water transmission main	2010	B,E	45	2	P	\$ 1,214,000				
Manchester	FS-28-10-DWSRF-018	Nitrate removal treatment for existing Wells #4, 5, and 6	2010	B,E	45	2	P	\$ 4,660,000				
Iowa DNR-Parks Bureau	PD-DW-10-08		2010	G	P&D	2	R	\$ 158,296				
Epworth	PD-DW-09-57		2010	G	P&D	1	D					
Center Point	FS-57-10-DWSRF-008	New water tower and associated water main	2010	B,E	30	1	L		7/13/11	\$ 1,766,894	\$ 1,285,000	
Ladora	FS-48-10-DWSRF-005	Water main replacement	2010	B,E	30	1	P	\$ 471,342				
Fredericksburg	FS01910-DWSRF-007	New Cambrian Jordan Sandstone well and chemical feed building, associated water main	2010	B,E	45	1	R	\$ 219,186				
Gladbrook	FS-86-09-DWSRF-024	Replace water storage tank and water main	2009	B,C,E	40	4	P	\$ 527,220				
Oto	FS-97-09-DWSRF-016	New water storage tank	2009	B,C,E	40	4	P	\$ 61,065				
Union	FS-42-09-DWSRF-023	Replace water storage tank	2009	B,C,E	55	4	P	\$ 813,000	30%			
Riverside	PD-DW-09-13		2009	G	P&D	3	R	\$ 55,000				
Anamosa	FS-53-09-DWSRF-006	New well (Phase 1 of 3 to include reverse osmosis to remove radium)	2009	B,E	45	2	R	\$ 1,640,000				
Xenia (Beaver Creek)	PD-DW-09-25		2009	G	P&D		C	\$ 838,568				
Rathbun RWA	FS-04-08-DWSRF-017	New caisson-type intake structure (including associated pumps, emergency standby generator and electrical building) and raw water transmission main (from the intake structure to the new WTP).	2008	B,G	30	2	R	\$ 3,885,000	30%			
Kelley	PD-DW-06-88		2008	G	P&D	1	R	\$ 430,000				
								\$ 192,347,147		\$ 1,766,894	\$ 1,285,000	
Project Status	Project Type											
Contingency -- C	A = Water Quality and Human Health Risk-Related Criteria											
Dropped -- D	B = Infrastructure and Engineering-Related Improvement											
Ready for Loan -- R	C = Affordability Criteria											
Loan Signed -- L	D = Special Category Improvements											
Planning Stage -- P	E = Project Serves Population less than 10,000											
I-JOBS projects	F = Supplemental Loan for Previously Approved Project											
Green projects (* business case required)	G = Planning and Design Loan											
2010 Add Subs												

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

ITEM

13

DECISION

TOPIC

Commission Schedule

The Commission is asked to review the October 18th Environmental Protection Commission meeting scheduled date. Governor Branstad will be hosting the congressional staff at the Iowa Capitol for a “Day of State-Federal Discussions” on the same day. The Iowa Department of Natural Resources along with other departments have been invited to attend.

Chuck Gipp
Environmental Services Division
August 25, 2011

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

ITEM

14

DECISION

TOPIC

Contract – Source Water Protections Technical Assistance

Recommendation:

The Department requests Commission approval of a contract in the amount of \$78,592 with the Iowa Rural Water Association for 12 months.

The purpose of this RFP is to obtain the services of a contractor to provide technical assistance to DNR-selected community water systems to complete their Source Water Protection plans. The amount set aside for this contract shall not exceed \$78,592, and the duration shall not be greater than 12 months.

Funding Source:

This project will be funded through federal funds, specifically the Environmental Protection Agency's Source Water Program. This program is paid out of the Drinking Water State Revolving Fund.

Background:

Iowa code **455B.183A** requires the Department of Natural Resources to enforce the federal Safe Drinking Water Act, and to support local public water supplies with operation and construction of their system. The federal Source Water Protection Program is designed to protect water in the natural environment, before treatment. This protection saves money for the local system and protects the drinking water of the local water supply.

Purpose:

The outcome of this contract is expected to be the successful completion of Source Water Protection plans for eight unique community water systems. Each of these plans will meet the standards of the Iowa Source Water Advisory Group and follow the Iowa Source Water guidelines. Among other benefits, the communities completing these plans will have a better understanding of their drinking water source(s), updated Emergency Response Plans, updated maps of their water system, and funding opportunities made more available to them.

Consulting Firm Selection Process:

A Request for Proposals was let out to the general public on Thursday, August 04, 2011. Three bids were accepted and evaluated for cost, anticipated quality of work, and knowledge of Source Water Protection. The Iowa Rural Water Bid was selected out of those submitted.

Scope of Work:

For an outline of the scope of work, see next page.

<p>Task 4: Completed Source Water Protection Plans for eight selected communities.</p> <p>Description: For each of the eight selected community water supplies, the contractor shall complete a source water plan that includes all of the following seven steps. Further details describing each of the steps are in the Iowa Source Water Guidebook (Attachment 6), and Workbook (Attachment 7).</p> <ul style="list-style-type: none"> Step 1: Organize a source water team Step 2: Identify source water areas Step 3: Inventory well and contaminant sources Step 4: Assess and rank contaminant sources Step 5: Develop an action plan Step 6: Construct or update the community's emergency response plan Step 7: Submit SWP Plan to the Source Water Advisory Group <p>Deliverables: (1) Minimum of eight completed Source Water Protection plans that follow each of the above steps. (2) Each plan shall be presented to DNR electronically and in hardcopy.</p>	<p>No later than September 25, 2012</p>
<p>Task 5: Presentation of each community's Source Water Protection Plan to the Source Water Advisory Group.</p> <p>Description: After completion of each community's Source Water Protection plan, the contractor shall present each Plan to the Source Water Advisory Group listed in the SWP workbook, Attachment 7, at one of their meetings. To determine the meeting date contact Chad Fields (chad.fields@dnr.iowa.gov). The contractor's presentation shall highlight each of the seven steps required for plan approval in Iowa, including an in-depth review of the action plan and ranking of potential contaminant sources.</p> <p>Deliverables: (1) Minimum of eight PowerPoint presentations highlighting each selected community's Source Water Protection plan, outlining all seven of the essential steps. (2) Presentation shall be presented to DNR electronically and in hardcopy.</p>	<p>No later than September 25, 2012</p>

Chad Fields, Geologist
Geological and Water Survey
Environmental Services Division
Iowa Department of Natural Resources

Memo Date September 8, 2011

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

ITEM

15

DECISION

TOPIC

Contract with United States Geological Survey for FFY12 Cooperative Agreement

Recommendations:

Commission approval is requested for a 1 year-service contract with the United States Geological Survey. The contract will begin on October 1, 2011 and terminate on September 30, 2012. The total amount of this contract shall not exceed \$646,185. 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 monies appropriated for the Water Quality Monitoring Program (Environment First Funding – cost code 04HA). Contracting Authority is the Code of Iowa 455B.103.

Background:

Surface-water flow information is the basis for understanding the hydrologic characteristics of streams and rivers. Water-quality information is of key importance to understanding the level of risk to human and ecosystem health within and beyond the watershed. Surface-water flow information in Iowa is collected on a nearly continuous basis at 128 stream gaging stations, and water-quality is collected on a monthly basis at 75 locations across Iowa. The ability to estimate surface-water flow and water quality at ungaged sites in Iowa is critical for understanding hydrologic characteristics as well as estimating pollutant loading and flux and is needed by State water managers.

Purpose:

The parties propose to enter into this Contract for the purpose of retaining the Contractor to provide: gaging on streams, climate response monitoring of groundwater levels, completion of the initial modeling of water quality and quantity, and monitoring of Iowa's big rivers using real-time nitrate sensors.

a. Name: Water Quantity modeling and prediction			
Funding: DNR: \$66,000	USGS: \$44,000		Total: \$110,000
b. Name: Water Quality modeling			
Funding: DNR: \$34,800	USGS: \$23,200		Total: \$58,000
c. Name: Big River Water Quality Monitoring Data Collection			
Funding: DNR: \$338,360	USGS: \$276,840		Total: \$615,200
d. Name: Stream Gaging Network			
Funding: DNR: \$183,890	USGS: \$112,740		Total: \$296,630
e. Name: Ground-Water Climate Response Network			
Funding: DNR: \$25,996	USGS: \$17,330		Total: \$43,326

Contractor Selection Process:

USGS was chosen using the intergovernmental agreement process. USGS was chosen for this project due to their expertise in stream gaging and the associated modeling components of the contract.

Roger Bruner
Supervisor, Watershed Monitoring and Assessment Section
Iowa Geological and Water Survey, ESD
September 20, 2011

1. PRMS flood model comparison

Iowa had major flooding that occurred across the state in 1993, 2008, and in 2011 there has been a reoccurrence of major flooding across the state. In eastern Iowa, the Cedar River USGS stream-gaging station at Cedar Rapids (05464500) had all time record stream flows and gage heights. In 1993, the Cedar River hit a peak flow of 71,000 cubic feet per second (cfs), and a stream gage height of 19.27 feet (ft), in comparison to 2008, stream flow was 150,000 cfs, and 31.10 ft. The 2008 flood on the Cedar River was the largest historical flood of record at Cedar Rapids. The Precipitation Runoff Modeling System (PRMS) has been used to develop models of both major flood events along the Cedar River (Markstrom and others, 2008). This years work will complete the PRMS modeling report for the Cedar River Basin by Jan 1, 2012. Report shall include at a minimum a detailed methodology on the implementation of the PRMS model in the Cedar River Basin including data sets and sources used, data quality control procedures, calibration techniques, and any modifications made to the PRMS to enhance performance of the PRMS model. The report shall also include an assessment of the performance of the PRMS model to estimate stream runoff at each of the USGS gaging stations in the Cedar River Basin. Performance of the model shall be defined by the use of standard statistical methods to compare differences in the daily mean stream flow, month mean stream flow and annual mean stream flow. Sensitivity analyses for each of the model inputs shall also be included to help assess model performance.

2. Water Quality modeling

The project includes a long term goal to develop the ability to estimate stream water quality along any stream at any point. The estimation methods need to include the ability to change watershed and hydrologic characteristics so as to simulate what water quality changes would likely occur if the watershed characteristics were to change (for example if retention areas were constructed in the watershed or impervious area was to increase). The Cedar River basin was modeled using the water-quality model: Soil & Water Assessment Tool (SWAT) (Winchell and others, 2007). The primary objective is to construct and calibrate a water-quality model for the Cedar River basin, and develop methods within SWAT to estimate water-quality at any point along any stream in the Cedar River Basin. This years work will complete an outline of a draft report documenting the SWAT model work on the Cedar River to date by Jan 1, 2012. Components of the draft report shall include, at a minimum, a detailed methodology on the implementation of the SWAT model in the Cedar River Basin including data sets and sources used, data quality control procedures, calibration techniques, and any modifications made to the SWAT model to enhance performance. The report shall also include an assessment of the performance of the SWAT model to estimate stream runoff, nutrients and sediment within each of the hydrologic reporting units in the Cedar River Basin. Performance shall be defined by the use of standard statistical methods to determine error, bias, and precision in flow and contaminant estimates. Sensitivity analyses for each of the model inputs shall also be included to help assess model performance

3. Statistical based streamflow estimation models

Recent years have seen the emergence of more sophisticated and accurate approaches to streamflow estimation through the use of statistical methods. These methods are relatively new and are in need of more research to validate their results. Three statistical based methods will be examined for this study. All three of these methods will make use of the existing streamgage network in Iowa and a 50-mile buffer in the surrounding states to compute daily flow at ungaged sites in ungaged watersheds. Current active gage stations will act as index gages to the ungaged locations. The State will be divided into regions of similar hydrologic characteristics to ensure that

flow is not computed from areas that are not hydrologically related to the unknown site, similar to the technique for developing regions in Eash, 2001. To test the accuracy and compute an error for each of these methods, known gage locations will act as unknown sites and estimated hydrographs will be created. The estimated hydrographs will be compared with the observed hydrographs, and thus an estimate of error will be calculated for each method.

Complete a draft report on the Statistical Estimation of Stream Flow for the Cedar River Basin by Jan 1, 2012 and publish the report by March 1, 2012. Report shall include at a minimum a detailed methodology on the development of the statistical model for stream flow in the Cedar River Basin including the statistical software platform, data sets and sources used, data quality control procedures, and calibration techniques. The report shall also include an assessment of the performance of the statistical model to estimate stream runoff at each of the USGS gaging stations in the Cedar River Basin. Performance of the model shall be defined by the use of standard statistical methods to compare differences in the daily mean stream flow, month mean stream flow and annual mean stream flow. Sensitivity analyses for each of the model inputs shall also be included to help assess model performance.

A draft report comparing the various flow estimation models by June 1, 2012. The report shall compare the use of the PRMS model, the Statistical Flow model, the index gage model and the SWAT hydrology model to estimate stream flow at ungaged sites in the State of Iowa. The report shall contain a description of how each model estimates stream flow and the model input requirements including data sets and sources, calibration requirements and any specialized software requirements. The report shall assess each model's performance to estimate stream flow at gages in the Cedar River basin. Performance shall be defined by the use of standard statistical methods to determine error, bias, and precision in daily mean stream flow estimates, monthly mean and annual mean stream flows. The report shall further discuss the advantages and disadvantages for each method for use as a statewide method to predict stream flow at ungaged sites via a web-based method..

4. Water Quality Monitoring Data Collection

Task I

Consistent, representative water-quality data from the major tributaries will allow the amount of nitrogen, phosphorus, and pesticides that are transported to the Missouri and Mississippi Rivers by ten major rivers draining Iowa to be quantified. A secondary purpose of the study is to collect data for sufficient amount of time to determine if land-use changes and agricultural practices are changing the water quality in major rivers in Iowa. Constituents to be analyzed include field parameters (temperature, conductance, dissolved oxygen, pH, discharge), major ions (alkalinity, silica, chloride, sulfate), nutrients, algal pigments (chlorophyll a, pheophyton a), pesticides, sediment (suspended sediment, turbidity), and bacteria (E. coli, total coliforms).

Task II

Real-time water quality monitors will be installed and maintained at four additional stream locations. These new monitors will supplement the current four monitors mainly installed down the Raccoon River. Real-time parameters include nitrate, and turbidity.

5. Stream Gaging Network

A network of real-time stream gages strategically located across the state is a critical component for flood monitoring. Data from the stream gages will be transmitted in real-time via satellite to the USGS downlink at which time flow calculations will immediately be performed and posted to the internet. This process is a necessary because previous studies have shown trends in stream flow record. These trends can be the result of changes in climate, land use, or conservation practices (Schilling, 2003). The current data can be input into models and statistical equations to compute the flow at an ungaged location. As conditions change, it is possible that data collected in the past may not pertain to current conditions. For this reason, long record periods are still required to test for trends in stream flow in Iowa. Real-time transmission of data is critical because this will alert hydrologic technicians of any malfunctioning equipment, which then can be quickly repaired as part of the on-going operation and maintenance needed at each stream gage. Viewing the data in real-time will also provide discharge measurements throughout a wide range of stages for updating and verifying the dynamic stage-discharge rating throughout all river stages. Reliable and consistent estimates of stream flow at ungaged locations within Iowa are only possible with a highly accurate network of stream gages.

6. Ground-Water Climate Response Network

A ground-water climate response network has been established for nine climatological districts throughout Iowa to monitor ground-water response to climate changes. The hydrologic data will support SWAT and PRMS modeling by providing data on base flow, soil-zone reservoirs, subsurface recharge, and groundwater recharge, interflow or subsurface flow across the nine climatological districts. These nine wells will be equipped with telemetry that transmits a reading of water level to a data relay office by satellite. The data will typically be updated every four hours for Web accessible viewing. These data constitute real-time hydrologic data and will be reviewed or edited for publication. Continual collection of data at these sites will serve as support to both the PRMS and SWAT modeling by creating a historic record to create initial modeling parameters.

**DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION COMMISSION
ATTORNEY GENERAL REFERRALS
September, 2011**

Name, Location and Region Number	Program	Alleged Violation	DNR Action	New or Updated Status	Date
Affordable Housing Network, Inc. Cedar Rapids (1)	Air Quality	Asbestos -	Referred to Attorney General	Referred	3/15/11
Bachman, Lane Lake City (3)	Animal Feeding Operation	Failure to Update Plan	Order/Penalty	Referred Petition Filed Trial Date	8/17/10 12/23/10 10/28/11
Branstad, Monroe Hancock Co. (2)	Animal Feeding Operation		Referred to Attorney General	Referred	7/20/10
Callaway Farms, Inc.; Eugene Callaway; Blake Callaway, Sr. Radcliffe (2)	Animal Feeding Operation	Prohibited Discharge	Referred to Attorney General	Referred Petition Filed	4/20/10 12/30/10
Chamness Technology, Inc. Eddyville (6)	Solid Waste	Unauthorized Discharge	Referred to Attorney General	Referred	11/16/10
General Development LC Palo Alto Co. (3) UPDATED	Animal Feeding Operation	Failure to Submit Update, Fees	Referred to Attorney General	Referred Petition Filed State's Resistance to Jury Demand Defendant's Reply to Resistance State's Brief in Resistance Hearing on Jury Demand Ruling Denying Jury Demand Trial Date Defendant's Motion for Summary Judgment State's Cross-Motion for Summary Judgment State's Memorandum of Authorities State's Statement of Undisputed Facts State's Affidavits State's Appendix re MSJ	8/18/09 2/03/10 6/25/10 7/12/10 7/19/10 9/10/10 11/19/10 9/14/11 7/14/11 8/01/11
Grain Processing Corporation Muscatine (6)	Air Quality Wastewater	Operation Without (PSD) Permit; Emission Standards – Particulate; Failure to Comply - MON; Construction Without WW Permit	Referred to Attorney General	Referred	4/19/11
Haverhals, Peter; Haverhals Farms, Inc. Hawarden (3) UPDATED	Animal Feeding Operation	Prohibited Discharge – Open Feedlot; Water Quality Violations – General Criteria	Referred to Attorney General	Referred Petition Filed Consent Decree (\$15,000 Civil Penalty/Injunction)	8/17/10 8/01/11 8/03/11

**DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION COMMISSION
ATTORNEY GENERAL REFERRALS
September, 2011**

Name, Location and Region Number	Program	Alleged Violation	DNR Action	New or Updated Status	Date
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
K & L Landscape & Construction, Inc. Pottawattamie Co. (4)	Solid Waste; Hazardous Condition	Illegal Disposal; Failure to Notify	Referred to Attorney General	Referred	2/16/10
				Petition Filed	10/13/10
				Trial Date	10/11/11
				Order Granting Intervention by Harvey's Iowa	4/18/11
Klyn, Edward Dale Corydon (5)	Animal Feeding Operation	Prohibited Discharge – Open Feedlot	Order/Penalty	Referred Petition Filed	2/16/10 1/10/11
Kollasch Land and Livestock, Inc. Whittemore (2) (3) UPDATED	Animal Feeding Operation	Failure to Submit Update, Fees	Referred to Attorney General	Referred	8/18/09
				Petition Filed	2/03/10
				State's Resistance to Jury Demand	6/25/10
				Defendant's Reply to Resistance	7/12/10
				State's Brief in Resistance	7/19/10
				Hearing on Jury Demand	9/10/10
				Ruling Denying Jury Demand	11/19/10
				Trial Date	9/14/11
				Defendant's Motion for Summary Judgment	7/14/11
				State's Cross-Motion for Summary Judgment	8/01/11
				State's Memorandum of Authorities	
				State's Statement of Undisputed Facts	
				State's Affidavits	
State's Appendix re MSJ					
Passehl, Jerry Latimer (2)	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
				Trial Date	12/15/11

**DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION COMMISSION
ATTORNEY GENERAL REFERRALS
September, 2011**

Name, Location and Region Number		Program	Alleged Violation	DNR Action	New or Updated Status	Date
Pieper, Inc.; Mike Pieper Lee Co. (6) UPDATED		Animal Feeding Operation	Prohibited Discharge; Water Quality Violations – General Criteria; Improper Land Application; Uncertified Applicators	Referred to Attorney General	Referred	8/18/09
					Petition Filed	5/17/10
					State’s Resistance to Jury Demand	6/08/10
					Defendant’s Reply to Resistance	6/14/10
					Hearing on Jury Demand	7/27/10
					Order Granting Jury Demand	7/27/10
					Ruling Granting Jury Demand	8/06/10
					State’s Motion for Summary Judgment	6/08/11
					Statement of Undisputed Facts; Affidavits, Appendix and Memorandum of Authorities	
					Defendant’s Motion for Summary Judgment	6/08/11
	Statement of Undisputed Facts; Memorandum of Authorities					
	State’s Cross-Motion for Summary Judgment	6/24/11				
	Statement of Undisputed Facts; Affidavits, Appendix and Memorandum of Authorities					
Rockingham-Lunex Co. Pleasant Valley (6) NEW		Air Quality	Open Burning; Asbestos; Illegal Disposal	Referred to Attorney General	Referred	8/16/11
Renken, Rick LeMars (3)		Animal Feeding Operation	Failure to Update Plan	Order/Penalty	Referred Petition Filed	4/20/10 1/07/11
Sebergan Pigs, Inc. West Point (6)		Animal Feeding Operation	Failure to Update Plan; Recordkeeping; Prohibited Discharge – Confinement; General Criteria	Referred to Attorney General	Referred Petition Filed	3/16/10 12/30/10
Sharkey, Dennis Dubuque Co. (1) UPDATED		Air Quality Solid Waste	Open Burning; Illegal Disposal	Referred to Attorney General	Referred Petition Filed	4/03/07 9/20/07
					Defendant’s Jury Demand	9/13/10
					State’s Resistance to Jury Demand	9/20/10
					Amendment Resistance to Jury Demand	10/04/10
					Ruling Denying Jury Demand	11/19/10
					Trial Date	11/14/11

DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION COMMISSION
ATTORNEY GENERAL REFERRALS
September, 2011

Name, Location and Region Number		Program	Alleged Violation	DNR Action	New or Updated Status	Date
Yentes, Clifford Council Bluffs (4)	UPDATED	Solid Waste	Illegal Disposal	Referred to Attorney General	Referred Petition Filed Contempt Application Filed Contempt Hearing Ruling on Contempt Application (90 days jail suspended/\$500 fine) Compliance Hearing Compliance Hearing Compliance Hearing Date Compliance Hearing Compliance Hearing Date Compliance Hearing Date	4/03/07 9/21/07 9/21/07 11/05/07 11/29/07 2/18/08 4/27/08 5/28/08 6/30/08 8/04/08 9/08/08 12/05/08

**Iowa Department of Natural Resources
Environmental Services
Report of WW By-passes**

During the period July 1, 2011 through July 31, 2011, 15 reports of wastewater by-passes were received. A general summary and count by field office is presented below. This does not include by-passes resulting from precipitation events.

Month	Total	Avg. Length (days)	Avg. Volume (MGD)	Sampling Required	Fish Kill
January '11	6(8)	0.741	0.109	1	0(0)
February '11	6(6)	0.354	0.065	2	0(0)
March '11	9(20)	0.167	0.032	5	0(0)
April '11	6(20)	1.118	0.038	3	0(0)
May '11	9(12)	0.086	1.835	4	0(0)
June '11	5(8)	0.729	0.183	1	0(0)
July '11	15(12)	0.884	0.162	5	0(0)
August '10	9(6)	0.405	0.161	4	0(0)
September '10	7(4)	0.149	0.028	1	0(0)
October '10	7(6)	0.238	0.001	0	0(0)
November '10	1(6)	0.167	0.000*	0	0(0)
December '10	6(6)	0.859	0.225	5	0(0)

(numbers in parentheses are for same period last year)
*Volume for the November, 2010 event was 240 gallons

Total Number of Incidents Per Field Office This Period:

1	2	3	4	5	6
3	0	2	3	0	7

**DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION COMMISSION
CONTESTED CASES
September, 2011**

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.
4/08/04	Silver Creek Feeders	4	Permit Conditions	AFO	Clark	2/9/11 – Met with Silver Creek’s attorney. Agreed have a meeting with Silver Creek officials, DNR staff and attorneys.
9/25/07	Winneshiek County Conservation Board (Kendallville Park)	1	Permit Revision	WS	Hansen	6/2011- Settlement offer to close out appeal.
7/22/08	Nichols Aluminum	6	Permit Conditions	AQ	Preziosi	Settlement discussions ongoing. Last communication 8/28/10. Last communication 11/24/10.
10/01/08	Green Brier Subdivision	1	Permit Conditions	WS	Hansen	6/2011- Settlement offer to close out appeal.
10/15/08	SSAB Iowa Inc.	6	Permit Conditions	AQ	Preziosi	Settlement discussions ongoing. Last discussion 4/14/11.
11/15/08	SSAB Iowa Inc.	6	Permit Conditions	AQ	Preziosi	Settlement discussions ongoing. Last discussion 4/14/11.
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.
5/29/09	Exide Technologies	1	NPDES Permit	WW	Tack	Negotiating before filing.
6/29/09	ADM (Permit 09-A-170-P)	6	Permit Condition	AQ	Preziosi	Negotiating before filing.
8/17/09	Phoenix C & D Recycling, Inc.	5	Permit Revocation	SW	Tack	Proposed Decision issued 5/21/2010. DNR permit revocation upheld. EPC appeal pending.
9/29/09	Iowa Acquisitions, LLC	2	Order/Penalty	SW	Tack	Clean-up underway.
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.
12/02/09	Table Mound MHP	1	Order/Penalty	WW	Hansen	Negotiating before filing.

* These cases were previously assigned to Mike Murphy.

**DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION COMMISSION
CONTESTED CASES
September, 2011**

DATE RECEIVED	NAME OF CASE	F.O.	ACTION APPEALED	PROGRAM	ASSIGNED TO	STATUS
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.
3/08/10	Olson Farm, Inc.		Permit Conditions	AFO	Clark	Negotiating before filing.
3/11/10	Bondurant, City of	5	Order/Penalty	WW	Hansen	Negotiating before filing.
5/05/10	Jeff Grooms; Floris One Stop	6	Order/Penalty	UT	Mullen	New consent order issued. Appeal will be dismissed. Awaiting penalty payment.
5/25/10	CBJ Transport, LLC	2	Order/Penalty	AFO	Book	Met with company 1/13/11, negotiations continue.
6/01/10	Kyle Pattison Tire Company, LLC	1	Permit Renewal Denial	SW	Tack	Negotiating before filing.
6/24/10	Raccoon River Bible Camp	4	Variance Denial	WS	Hansen	6/2011- Letter to Raccoon River stating Department's final position; appeal to be set for hearing
8/06/10	West Kimberly MHP; Kendall and Beatrice Miller	3	Order/Penalty	WW	Hansen	Negotiating before filing.
8/31/10	Louis Dreyfus Commodities	4	Permit Conditions	AQ	Preziosi	Negotiating before filing.
9/29/10	Bryant's Mobile Home Park	6	Order/Penalty	WW	Hansen	03/11 - Permit application received from MHP. 06/2011- Permit application fee received by NPDES Permits. NPDES permit renewal being processed.
9/30/10	Ames, City of	5	Permit Conditions	WW	Tack	Hearing continued. Negotiations underway.
10/15/10	Helen and Virgil Homer dba Grandmas Snack Shop; Preston White	2	Order/Penalty	WS	Hansen	6/24/2011- Letter sent to Grandmas regarding use of existing private well as alternate water source.
11/3/2010	Wendall Abkes	2	Order/Penalty	SW	Schoenebaum	Negotiating before filing.
11/5/2010	Flying Eagle, Inc. Will R. Ibeling	2	Order/Penalty	AFO	Schoenebaum	Hearing held 2/22/11. Decision received 5/16/11. Order affirmed and modified penalty to \$4,800. Decision appealed to EPC.

* These cases were previously assigned to Mike Murphy.

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

September, 2011

DATE RECEIVED	NAME OF CASE	F.O.	ACTION APPEALED	PROGRAM	ASSIGNED TO	STATUS
11/12/10	Twin Valley Lakes Improvement Association	6	Permit Revisions	WS	Hansen	6/2011 - Settlement offer by Department.
12/14/10	Chickasaw County Conservation Board; Twin Ponds West	1	Permit Appeal	WS	Hansen	6/2011 - Settlement offer by Department.
12/28/10	Oak Grove Church	1	Permit Conditions	WS	Hansen	Negotiating before filing. 6/2011- Settlement offer to be made before setting for hearing.
12/29/10	Griffin Pipe Products Co., Inc.	4	Permit Conditions	AQ	Preziosi	Negotiating before filing.
1/17/11	Oakwood Park Water Service	5	Permit Conditions	WW	Hansen	Negotiating before filing. 6/28/2011- Letter to Oakwood Park asking for more information.
1/31/11	Griffin Pipe products Co., Inc.	4	Tax Certification Request	AQ	Preziosi	Negotiating before filing.
2/15/11	June Oyer; Parsons Diehl, LLC; Plantation Village MHP	6	Order/Penalty	WW	Hansen	Negotiating before filing.
2/28/11	Manson, City of	3	Order/Penalty	WS	Hansen	4/1/11 – Settlement conference held with City. 6/22/11- Settlement offer received from City attorney. 6/28/11- More information requested from City attorney concerning the settlement proposal.
3/03/11	Keith Durand		Order/Penalty	WW	Tack	To be set for hearing.
5/02/11	Iowa Limestone Company	2	Order/Penalty	AQ	Preziosi	Negotiating before filing.
5/09/11	S & R One, Inc.	6	Order/Penalty	UT	Brees	Negotiating before filing.
6/03/11	Prairie View Estates Homeowners Assoc.	6	Permit Conditions	WS	Hansen	6/2011- Settlement offer by Department.
6/23/11	Vernon Water Company		Permit	WS	Hansen	Negotiating before filing.
7/20/11	Shane Rechkemmer	1	Order/Penalty	SW	Book	Negotiating before filing.
7/20/11	Kenneth W. Less	3	Order/Penalty	AFO	Book	Set for a hearing on October 10, 2011.
8/05/11	Lincolnway Energy, LLC	5	Permit Conditions	AQ	Preziosi	New case.
8/11/11	Mooney Hollow Barn; Kevin Petesch		Permit Conditions	WS	Hansen	New case.

* These cases were previously assigned to Mike Murphy.

DATE: September, 2011

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
Bryan Rohlfen O'Brien Co. (3)	Air Quality Solid Waste	Open Burning; Illegal Disposal	Consent Order \$1,500	8/01/11
O'Brien County (3)	Wastewater	Stormwater – Pollution Prevention Plan Violation	Consent Order \$10,000	8/01/11
Manildra Milling Corporation Fremont Co. (4)	Air Quality Solid Waste	Open Burning; Illegal Disposal	Consent Order \$10,000	8/09/11
Jeff Brakke; Brakke Imp., Inc. Cerro Gordo Co. (2)	Air Quality Solid Waste	Open Burning; Illegal Disposal	Consent Order \$3,208.50	8/18/11
Central Cable Contractors, Inc. Cerro Gordo Co. (2)	Wastewater	Operation Without Permit; Prohibited Discharge; Water Quality Violations – General Criteria	Consent Order \$7,000	8/18/11
Penn Avenue Farms, Inc. Muscatine Co. (6)	Wastewater	Construction Without Permit; Operation Without Permit	Consent Order \$3,000	8/18/11
Adam Timmerman; AT Livestock Ent. Cherokee Co. (3)	Animal Feeding Operation	Failure to Update Plan	Order/Penalty \$2,500	8/20/11

IOWA DEPARTMENT OF NATURAL RESOURCES
 ENVIRONMENTAL PROTECTION COMMISSION
 RULEMAKING STATUS REPORT
 September, 2011

PROPOSAL	SENT FOR GOVERNOR'S PRE-APPROVAL (JOB IMPACT STATEMENT)	NOTICE TO EPC	NOTICE PUBLISHED	ARC#	ARRC MTG.	HEARING	COMMENT PERIOD	FINAL SUMMARY TO EPC	RULES ADOPTED	RULES PUBLISHED	ARC#	ARRC MTG.	RULE EFFECTIVE
1. Ch. 20, 22, 25 and 33 – AQ PSD PM 2.5 Rulemaking	7/06/11	*10/18/11	*11/16/11		*12/06/11			*12/20/11	*12/20/11	*1/11/12		*2/07/12	*2/15/12
2. Ch. 22, 33 – Biogenic emissions of CO2	7/19/11 7/21/11	8/16/11	9/07/11	9736B	*10/04/11	10/11/11	10/11/11	*11/15/11	*11/15/11	*12/14/11		*1/03/12	*1/18/12
3. Ch. 22 – AQ Title V Fee Cap		1/18/11	2/09/11	9366B	3/11/11	3/11/11	5/10/11	*10/18/11	*10/18/11	*11/16/11		*11/08/11	*11/23/11
4. Ch. 40-43, 83 -- Drinking Water and Laboratory Certification Programs	7/7/11 7/19/11	8/16/11	9/07/11	9737B	*10/04/11	*9/28/11	*9/29/11	*11/15/11	*11/15/11	*12/14/11		*1/03/12	*1/18/12
5. Ch. 48 – NEW – GHEX Closed Loop Ground Heat Exchangers; Ch. 38; Ch. 39; Ch. 49; Ch. 82		2/15/11	3/09/11	9425B	4/05/11	4/4-7, 11, 12/11	4/12/11	TERMINATION 9/20/11	*9/20/11	*10/19/11		*11/08/11	*11/23/11
6. Ch. 111 – New Chapter -- Solid Waste Environmental Management Systems	7/20/11 8/04/11	9/20/11	*10/19/11		*11/08/11	*	*	*12/20/11	*12/20/11	*1/11/12		*2/07/12	*2/15/12

* Projected timeline. Due to the requirement for Governor pre-approval/job impact statement of agency rule making, we can only project the timeline for the rulemaking process. Updates will be made and timelines adjusted as the rule making process moves forward.



Iowa Department of Natural Resources
Environmental Services Division
Report of Manure Releases

During the period July 1, 2011, through July 31, 2011, 6 reports of manure releases were forwarded to the central office. A general summary and count by field office is presented below.

		Total Incidents		Surface Water Impacts		Feedlot		Confinement		Land Application		Transport		Hog		Cattle		Poultry		Other	
Month	Year	Cur	Yr Ago	Cur	Yr Ago	Cur	Yr Ago	Cur	Yr Ago	Cur	Yr Ago	Cur	Yr Ago	Cur	Yr Ago	Cur	Yr Ago	Cur	Yr Ago	Cur	Yr Ago
Jan	2011	5	1	0	1	0	0	5	1	0	0	0	0	4	0	0	1	1	0	0	0
Feb	2011	1	3	0	0	0	0	1	1	0	0	0	2	1	1	0	0	0	2	0	0
Mar	2011	2	5	1	2	1	0	1	4	0	0	0	1	0	4	1	1	1	0	0	0
Apr	2011	8	7	0	0	0	1	5	2	1	0	2	4	7	5	1	2	0	0	0	0
May	2011	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
Jun	2011	2	3	1	1	1	1	1	1	0	0	0	1	0	2	1	1	1	0	0	0
Jul	2011	6	1	1	1	1	0	4	1	0	0	1	0	3	1	2	0	0	0	1	0
Total		25	20	3	5	3	2	18	10	1	0	3	8	16	13	5	5	3	2	1	0

Total Number of Incidents per Field Office for the Selected Period	Field Office 1		Field Office 2		Field Office 3		Field Office 4		Field Office 5		Field Office 6	
	Current	Previous										
Total	1	0	1	0	4	1	0	0	0	0	0	0



Iowa Department of Natural Resources
Environmental Services Division
Report of Hazardous Conditions

During the period July 1, 2011, through July 31, 2011, 73 reports of hazardous conditions were forwarded to the central office. A general summary and count by field office is presented below. This does not include releases from underground storage tanks, which are reported separately.

		Substance								Mode											
		Total Incidents		Agrichemical		Petroleum Products		Other Chemicals		Transport		Fixed Facility		Pipeline		Railroad		Fire		Other*	
Month	Year	Cur	Yr Ago	Cur	Yr Ago	Cur	Yr Ago	Cur	Yr Ago	Cur	Yr Ago	Cur	Yr Ago	Cur	Yr Ago	Cur	Yr Ago	Cur	Yr Ago	Cur	Yr Ago
Jan	2011	53	52	6	0	32	36	15	16	11	16	35	34	1	0	4	3	1	0	1	2
Feb	2011	61	43	5	0	34	29	22	14	12	14	46	22	0	5	0	1	0	0	4	2
Mar	2011	70	66	6	3	48	49	16	14	8	14	57	46	0	4	5	1	1	1	1	5
Apr	2011	72	85	15	4	41	46	16	35	16	33	47	60	0	3	2	2	1	0	6	8
May	2011	77	57	16	2	39	35	22	20	20	15	52	39	1	3	1	1	0	1	3	7
Jun	2011	75	60	15	1	40	46	20	13	24	19	41	42	4	1	2	2	0	0	4	3
Jul	2011	73	45	8	3	47	28	18	14	16	4	48	39	0	0	2	1	1	0	6	5
Total		481	408	71	13	281	269	129	126	107	115	326	282	6	16	16	11	4	2	25	32

*Other includes dumping, theft, vandalism and unknown

Total Number of Incidents per Field Office This Selected Period	Field Office 1		Field Office 2		Field Office 3		Field Office 4		Field Office 5		Field Office 6	
	Current	Year Ago										
Total	11	7	11	9	4	7	7	6	18	16	21	4

Environmental Service Division

Variance Report

8/30/2011

Monthly Variance Report
July 2011

Item No.	Facility/City	Program	DNR Reviewer	Subject	Decision	Date
1	Geode RC&D Tracy Balbort	Wastewater	Dinbandhu Gupta	Variance request from design standards section 18C.5.1.2	Denied	7/1/2011
2	Randy Kats	Wastewater	Paul Petitti	Variance request from design standards section 65.108(1) and (2)	Approval	7/11/2011
3	Geode RC&D Tracy Balbort	Wastewater	Dinbandhu Gupta	Variance request from design standards sections 12.5.1, 12.5.7.1, 12.6, 13.4.2.18C.7.4.4&18C.7.4.6, 18C.10.6 and 18C.7.7	Approval	7/14/2011
4	South Main Pedestrian Bridge	Flood Plains	Brian Churchill	Variance request from freeboard standards section 72.1(455B)	Approval	7/19/2011

IOWA DEPARTMENT OF NATURAL RESOURCES
COMPLIANCE AND ENFORCEMENT BUREAU

DATE: September 1, 2011
 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	4,778	3-15-96
Greg Morton; Brenda Hornyak (Decatur Co.)	SW/AQ/WW	3,000	11-04-98
R & R Ranch (Osceola)	WW	10,000	8-30-00
James Harter (Fairfield)	WW	1,483	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
Mobile World, L.C. (Camanche)	WW	2,000	5-27-02
M-F Real Estate; Fred "Butch" Levell (Carter Lake)	HC	1,701	8-18-02
Midway Oil Co.; David Requet (Davenport)	UT	5,355	9-20-02
Dale Schaffer (Union Co.)	AQ/SW	10,000	11-05-02
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	9,000	9-26-03
Mark Anderson (Des Moines Co.)	AQ/SW	6,188	3-22-04
Mike Messerschmidt (Martinsburg)	AQ/SW	500	4-13-04
Interchange Service Co., Inc., et.al. (Onawa)	WW	6,000	5-07-04
Iowa Falls Evangelical Free Church (Iowa Falls)	WS	750	6-13-04
Mitchell Town Pump (Mitchell)	WS	2,080	6-16-04
# Dunphy Poultry (Union Co.)	AFO	1,500	6-27-04
# Cash Brewer (Cherokee Co.)	AFO/SW	10,000	8-25-04
Spillway Supper Club (Harpers Ferry)	WS	1,500	9-06-04
# Doorenbos Poultry; Scott Doorenbos (Sioux Co.)	AFO	1,500	10-09-04
T & T Corner Bar (McIntire)	WS	3,000	10-26-04
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
# Matt Hoffman (Plymouth Co.)	AFO	750	8-08-05
# Joel McNeill (Kossuth Co.)	AFO	2,500	1 21-06
Affordable Asbestos Removal, Inc. (Monticello)	AQ	7,000	4-28-06
# Mike Elsbernd (Winneshiek Co.)	AFO	3,000	6-29-06
# Troy VanBeek (Lyon Co.)	AFO	3,500	10-16-06
Larry Bergen (Worth Co.)	AQ/SW	257	11-01-06
Mobile World, LC; R. Victor Hanks (Clinton Co.)	WW	22,500	4-01-07
James L. Heal; A-1 Imports (Homestead)	WW/SW	10,000	7-18-07
# Doug Orwig Site #1 (Dickinson Co.)	AFO	3,500	10-01-07
Mark Witt; Witt Auto Salvage (Monroe Co.)	SW/WW	8,000	1-15-08

#Animal Feeding Operation

BOLD Entries Have Been Referred to DRF

# Joshua Van Der Weide (Lyon Co.)	AFO	3,500	2-25-08
Karl Molyneux (What Cheer)	AQ/SW	960	7-19-08
Chad Hoppe; Steve Hoppe; Shady Acres MHP, (Chickasaw Co.)	WW	4,000	8-27-08
Rodney Mandernach; Mandernach Pork (Sac Co.)	AFO	4,000	10-23-08
Kevin & Candace Perry (Shelby Co.)	AQ/SW	10,000	11-07-08
George Kramer (Clinton Co.)	AQ/SW	1,500	11-09-08
Jon Knabel (Clinton Co.)	AQ/SW	2,000	12-16-08
Randy Alm (Franklin Co.)	AQ/SW	10,000	12-16-08
Great River L.C.; River Highlands Homeowners Assoc.;	WS	10,000	2-01-09
River Highlands Water System Assoc. (LeClaire)			
Stuart Yoder (Johnson Co.)	AQ/SW	224	2-11-09
# James Boller (Kalona)	AFO	5,000	2-20-09
Anthony Herman; Mighty Good Used Cars (Polk Co.)	WW	3,000	4-21-09
# Robert Fangmann (Dubuque Co.)	AFO	396	6-01-09
# Rick Renken (LeMars)	AFO	1,428	7-03-09
# Joe Klukow; RK Transport Inc. (Winnebago Co.)	AFO	5,000	7-09-09
# Brian Lill (Sioux Co.)	AFO	3,904	7-18-09
# Wesley Allender (Henry Co.)	AFO	1,500	8-22-09
# Lu-Jen Farms, Inc. (Cedar Co.)	AFO	2,000	8-22-09
Garner, City of	WW	1,500	9-28-09
# Lane Bachman (Calhoun Co.)	AFO	3,885	10-08-09
Denny Geer (New Market)	SW	9,500	10-31-09
Buff's Iris City Truck Plaza (Mt. Pleasant)	UT	2,000	10-31-09
Dunkerton Cooperative Elevator (Dunkerton)	WW/HC	6,000	11-19-09
# Roger Langreck (Fayette Co.)	AFO	1,500	12-11-09
Shrey Petroleum; Palean Oil; Profuel Three (Keokuk)	UT	10,000	3-19-10
Ellis Houk (Adams Co.)	AQ/SW	8,000	2-14-10
# Clinton Reed (Union Co.)	AQ/SW	2,100	3-12-10
Jeff Larabee; J & J Construction	AQ/SW	2,000	4-23-10
Melvin Wellik; Wellik-DeWitt Implement (Britt)	AQ/SW	2,900	4-08-10
Alchemist USA, LLC; Ravinder Singh (Malcom)	UT	8,260	5-03-10
LJ Unlimited, LLC (Franklin Co.)	AFO/AQ/SW	3,500	5-27-10
Bret Cassens; J & J Pit Stop (Columbus Junction)	UT	8,700	6-20-10
# Christopher P. Hardt (Kossuth Co.)	AFO	2,000	7-07-10
AKD Investments, LLC; H.M. Mart, Inc. (Blue Grass)	UT	6,900	8-06-10
Lake Trio Homeowner's Improvement Assn. (Washington)	WW	3,000	8-29-10
# Chris Wessels (Earlville)	AFO	3,500	11-12-10
# Blake Hershberger; Jennifer Hershberger (Washington Co.)	AFO	2,000	11-20-10
Eastern Hills Baptist Church (Council Bluffs)	WS	1,250	11-29-10
James Bailey; James Bailey Construction (Douds)	AQ/SW	3,500	12-01-10
Jeff Grooms; Floris One Stop (Floris)	UT	1,000	12-09-10
Leonard Dolezal (Cedar Rapids)	AQ/SW	2,400	12-14-10
# Joe McNeill (Kossuth Co.)	AFO	2,500	12-23-10
Gaylord Construction, Inc. (Hardin Co.)	WW	4,000	2-13-11
Gonzalez & Sons Express, Inc. (DeSoto)	WW	8,000	4-20-11
Quality Mat Co., Inc. (Waterloo)	AQ	1,500	5-20-11
Simon Fitzpatrick (Harrison Co.)	SW	10,000	6-23-11
David C. Kuhlemeier (Cerro Gordo Co.)	AQ/SW	2,000	6-30-11
# Winding Creek Coop (Lyon Co.)	AFO	1,500	7-20-11
Darla Truman; George Ackerson; William Foreman (Warren Co.)	SW	3,000	9-20-11
# Gary Elsbernd (Winneschiek Co.)	AFO	1,500	8-19-11
Buena Vista County	WW	10,000	9-09-11
Central Cable Contractors, Inc. (Cerro Gordo Co.)	WW	7,000	9-18-11
Penn Avenue Farms, Inc. (Muscatine Co.)	WW	3,000	9-18-11
# Adam Timmerman; AT Livestock Ent. (Cherokee Co.)	AFO	2,500	-----

#Animal Feeding Operation

BOLD Entries Have Been Referred to DRF

Elite Fuel Four; Iowa Gas Group; USA Gas Depot; Kavya Corp.; Ish Oberoi (Indianola)	UT	10,000	-----
Elite Fuel Four; Iowa Gas Group; Liberty Mart; Ish Oberoi (Des Moines)	UT	10,000	-----
Elite Fuel Two; Iowa Gas Group; Ish Oberoi; Mark Kramer; M K Fueltime (New Hampton)	UT	10,000	-----
Elite Fuel Four; Iowa Gas Group; Gas Depot & Minimart; Ish Oberoi (Des Moines)	UT	10,000	-----
Elite Fuel Six; Iowa Gas Group; United Mini-Mart; Ish Oberoi (Des Moines)	UT	10,000	-----
Elite Fuel Six; Iowa Gas Group; United Gas Supply; Ish Oberoi (Des Moines)	UT	10,000	-----
Elite Fuel Six; Elite Fuel Two; Ish Oberoi (Waterloo)	UT	6,375	-----
Elite Fuel Eight; Iowa Gas Group; Sekon Brothers; Ish Oberoi (Des Moines)	UT	6,500	-----
Elite Fuel Eight; Iowa Gas Group; USA Gas Supply; Ish Oberoi (Des Moines)	UT	10,000	-----
	TOTAL	519,889	

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
* Fred Knosby (Cumming)	AQ/SW	2,650	3-18-08
#*Richard Steen (Montgomery Co.)	AFO	1,900	2-15-10
* Jacob Nielsen (Newell)	AQ/SW	250	3-25-10
* Land Pros, LLC; Meadow Brooke (Indianola)	WW	2,000	6-30-09
# Jerry Passehl (Latimer)	SW/WW/HC	2,695	7-01-09
# Brad Eslick (Webster Co.)	AFO	1,667	8-30-09
# Ted Dickey dba Dickey Farms (Muscatine Co.)	AQ/SW/AFO	162	10-15-09
# Denver Dairy Farm, LLC (Bremer Co.)	AFO	1,332	9-15-11
# HDS Farms, L.L.C. (Sioux Co.)	AFO	1,500	9-01-11
# Winter Feedlots, Inc. (Plymouth Co.)	AFO	558	9-15-11
Jerry Wernimont (Carroll)	AQ/SW	1,500	4-19-10
Pomeroy Rental LLC (Pomeroy)	AQ/SW	1,400	9-15-11
Bob Wright; Wright Excavating & Bulldozing (West Branch)	AQ/SW	1,750	9-30-11
Air Advantage; ANF Air Service (Des Moines Co.)	WW	2,125	2-01-11
Randy Bachman; Bachman Tiling & Excavating (Pomeroy)	AQ/SW	1,600	9-15-11
# Kevin Montgomery (Clinton Co.)	AFO	1,000	7-10-11
James Mathes (Marion Co.)	AFO	2,062	9-15-11
4-Star Pork, LLC (Buena Vista Co.)	AFO	1,000	10-23-11
Rock Bottom Dairy; Bernie Bakker (Rock Valley)	AFO	1,500	1-01-12
Tres M, LLC (Butler Co.)	AFO	1,000	12-15-11
Pam Lehman (Decatur Co.)	SW	1,950	8-30-11
Muller Livestock, L.C.; Jon Kelly Muller (Cass Co.)	WW	3,333	10-01-11
Regency of Iowa, Inc. (Johnson/Story Cos.)	AQ	4,056	9-01-11
# Tony Mertens (Lee Co.)	AFO	3,952	2-15-11
# Gary Riesberg (Carroll Co.)	AFO	2,400	10-01-11
# Guse Family Farm Corp. (Emmet Co.)	AFO	1,500	10-15-11
# Ernest Greiner (Keokuk Co.)	AFO	500	10-10-10
Quad City Drum Recycling Co., Inc. (Davenport)	AQ	469	9-01-11
TMAC Farms, LLC (Plymouth Co.)	AFO	1,411	8-01-11

#Animal Feeding Operation

BOLD Entries Have Been Referred to DRF

Alchemist USA, LLC (Bouton)	UT	2,000	6-01-11
Stott Aerial Spray, Inc. (Jefferson)	AQ/SW	4,025	7-15-11
# J. Ward Farms, LLC; Jeff Ward (Worth Co.) (2 Orders)	AFO	3,750	8-01-11
Brian Anderson dba Northwest Ready Mix (Milford)	AQ	700	8-01-11
Brooklyn Elevator, Inc. (Poweshiek/Iowa Co.)	AQ/SW	2,000	5-01-12
# Ben McKinney (Franklin Co.)	AFO	1,375	6-16-11
	TOTAL	79,040	

The following administrative penalties have been appealed:

NAME/LOCATION	PROGRAM	AMOUNT
Dallas County Care Facility (Adel)	WW	5,000
Iowa Acquisitions, LLC (Floyd Co.)	SW	5,000
River Highlands Homeowner's Association	WS	10,000
Table Mound Park Corp.; Table Mound #1 MHP (Dubuque Co.)	WW	7,500
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
# CBJ Transport, LLC (Cerro Gordo Co.)	AFO	5,000
Jeff Grooms; Floris One Stop (Floris)	UT	3,500
Kendall Miller; Beatrice Miller; West Kimberly MHP	WW	4,000
Helen and Virgil Homer; Grandmas Snack Shop; Preston White (Aredale)	WS	8,461
June Oyer; Parsons Diehll, LLC; Plantation Village MHP	WW	2,500
Manson, City of	WS	10,000
Iowa Limestone Co. (Alden)	AQ	10,000
S & R One, Inc. (Burlington)	UT	3,690
# Flying Eagle, Inc.; Will R. Ibeling (Hardin Co.)	AFO	4,800
Lonnie Bryant; Sierra Bryant; Bryant's MHP (Keokuk)	WW	2,000
Jefferson, City of	AQ/SW	2,500
Wendall Abkes (Parkersburg)	SW	7,000
Keith Durand; Durand Construction (Lee Co.)	WW	500
# Ken Less (Plymouth Co.)	AFO	3,000
Shane Rechkemmer (Fayette Co.)	SW	1,000
	TOTAL	135,451

The following administrative penalties have been collected:

NAME/LOCATION	PROGRAM	AMOUNT
Pam Lehman (Decatur Co.)	SW	100
# Denver Dairy Farm, LLC (Bremer Co.)	AFO	1,332
Bryan Rohlfesen (O'Brien Co.)	AQ/SW	1,500
James Mathes (Marion Co.)	AFO	188
# Rick Renken (LeMars)	AFO	96
# Lagoon Pumping & Dredging, Inc. (Crawford Co.)	AFO	3,000
Jeff Brakke; Brakke Imp., Inc. (Cerro Gordo Co.)	AQ/SW	3,208
Frye Property Management, LLC (Ft. Dodge)	AQ	1,875
# J. Ward Farms, LLC; Jeff Ward (Worth Co.) (2 Orders)	AFO	625
# Winter Feedlots, Inc. (Plymouth Co.)	AFO	93
Brian Anderson dba Northwest Ready Mix (Milford)	AQ	100

#Animal Feeding Operation

BOLD Entries Have Been Referred to DRF

4-Star Pork, LLC (Buena Vista Co.)	AFO	700
Pomeroy Rental LLC (Pomeroy)	AQ/SW	200
Quad City Drum Recycling Co., Inc. (Davenport)	AQ	31
Manildra Milling Corporation (Fremont Co.)	AQ/SW	10,000
Randy Bachman; Bachman Tiling & Excavating (Pomeroy)	AQ/SW	200
	TOTAL	23,248

#Animal Feeding Operation
BOLD Entries Have Been Referred to DRF