

Agenda

Environmental Protection Commission

Wednesday, May 21, 2025

Teleconference: 661-615-8170 PIN: 219 411 781#

Video Conference: meet.google.com/fdw-vjq-wcs

Hotel Winneshiek & Opera House

104 E Water St, Decorah, IA 52101

Winneshiek Ballroom

Tuesday, May 20, 2025- Optional Winneshiek County Tour-registration required by Fri, May 16 at 4pm to Alicia Plathe at alicia.plathe@dnr.iowa.gov of 515-313-8909.

Wednesday, May 21, 2025

8:30 AM – EPC Business Meeting

If you are unable to attend the business meeting, comments may be submitted for public record to Alicia Plathe at Alicia.Plathe@dnr.iowa.gov or 6200 Park Ave, Des Moines IA 50321 up to 24 hours prior to the business meeting.

- | | | |
|----|--|-------------------------------|
| 1 | Approval of Agenda | |
| 2 | Environmental Protection Commission Oath of Office for New Commissioners | |
| 3 | Election of Officers | |
| 4 | Approval of the Minutes | |
| 5 | Monthly Reports | Ed Tormey
(Information) |
| 6 | Director's Remarks | Kayla Lyon
(Information) |
| 7 | Contract with Iowa State University for Manure Applicator Certification (MAC) Training | Christina Iiams
(Decision) |
| 8 | Contract with The University of Iowa on behalf of the State Hygienic Lab-Lab Services for the Field Services and Compliance Bureau | Christina Iiams
(Decision) |
| 9 | Contract with The University of Texas at Dallas (UT Dallas)-E-plan System | Christina Iiams
(Decision) |
| 10 | Contract with Windsor Solutions-SLEIS | Wendy Walker
(Decision) |
| 11 | Contract with The University of Iowa-Ambient Stream Monitoring | Ken Krier
(Decision) |
| 12 | Contract with The University of Iowa-Ambient Stream Biological Monitoring | Ken Krier
(Decision) |
| 13 | Contract with Iowa Department of Agriculture and Land Stewardship (IDALS) –Trout Run/Siewers Spring Watershed Project | Miranda Haes
(Decision) |
| 14 | Contract Amendment with Shive-Hattery-Design Services for Stormwater and Infiltration-based Practices at State Park Beaches | Steve Konrady
(Decision) |
| 15 | General Discussion | |
| 16 | Upcoming Meetings | |
| | • Tuesday, June 17, Des Moines | |
| | • Tuesday, July 15, Des Moines | |

For details on the EPC meeting schedule, visit <http://www.iowadnr.gov/About-DNR/Boards-Commissions>

The Iowa Department of Natural Resources (DNR) does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender identity, national origin, English-language proficiency, disability, or age in the administration of its programs or activities in accordance with applicable laws and regulations. DNR will not tolerate discrimination, intimidation, threats, coercion, or retaliation against any individual or group because they have exercised their rights protected by federal or state law.

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

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

**MINUTES OF THE
ENVIRONMENTAL PROTECTION COMMISSION
MEETING**

April 15, 2025

**Video Teleconference
and
6200 Park Ave.**

Approved by the Commission **TBD**

RECORD COPY

File Name Admin 01-05

Sender's Initials ap

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Meeting Minutes

CALL TO ORDER

The meeting of the Environmental Protection Commission (Commission or EPC) was called to order by Acting Chairperson Amy Echard at 10:00 am on April 15, 2025 via video/teleconference attendees.

COMMISSIONERS PRESENT

Patricia Foley
Roger Zylstra
Lisa Gochenour
Kyle Tobiason
Harold Hommes
Rebecca Dostal
Jim Christensen
Amy Echard

COMMISSIONERS ABSENT

Mark Stutsman

APPROVAL OF AGENDA AND CONSENT AGENDA

The consent agenda included the following items:

- * 11. Contract with the University of Northern Iowa/ Iowa Waste Reduction Center- Iowa Waste Exchange
- *13. Chapter 39, "Requirements for Properly Plugging Abandoned Wells" -Final Rule
- *17. Chapter 44, "Drinking Water State Revolving Fund" - Final Rule
- *19. Chapter 53, "Protected Water Sources" - Final Rule
- *20. Chapter 54, "Water Use Permit Restrictions or Compensation by Permitted Users to Nonregulated Users Due to Well Interference" - Final Rule
- *21. Chapter 55, "Aquifer Storage and Recovery" - Final Rule
- *25. Chapter 67, "Standards for the Land Application of Sewage Sludge" - Final Rule
- *26. Chapter 68, "Commercial Septic Tank Cleaners" - Final Rule
- *29. Chapter 72, "Criteria for Approval" - Final Rule
- *30. Chapter 73, "Approval/ Construction, Use, Maintenance, Removal/ Inspections/ and Safety of Dams" - Final Rule
- *31. Chapter 81, "Drinking Water State Revolving Fund" - Final Rule
- *32. Chapter 82, "Well Contractor Certification" - Final Rule
- *33. Chapter 83, "Laboratory Certification" - Final Rule
- *34. Chapter 90, "Clean Water State Revolving Fund"; Chapter 91, "Criteria for Rating and Ranking Projects for the Water Pollution Control State Revolving Fund"; Chapter 92, "Clean Water State Revolving Fund"; and Chapter 93, "Nonpoint Source Pollution Control Set-Aside Programs" - Final Rules

Motion was made by Rebecca Dostal to approve the agenda and consent agenda, with the removal of items 14, 15, and 16. Seconded by Patricia Foley.

The Acting Chairperson asked for the Commissioners to approve the agenda by saying aye. There were no nay votes.

APPROVED AS AMENDED

APPROVAL OF MINUTES

Motion was made by Jim Christensen to approve the item as presented. Seconded by Harold Hommes.

The Chairperson asked for the Commissioners to approve the Minutes of the March 18, 2025 meeting by saying aye. There were no nay votes.

APPROVED AS PRESENTED

MONTHLY REPORTS

- None

INFORMATION

DIRECTOR'S REMARKS

- Director Lyon presented certificates of service to the outgoing Commissioners, Harold Hommes and Lisa Gochenour. Director Lyon thanked both of them for their unique perspectives, willingness to learn and their time and investment throughout their terms.

CONTRACT AMENDMENT WITH REGION XII COUNCIL OF GOVERNMENTS, INC.-EMS PROGRAM

Laurie Rasmus requested Commission approval for a contract recommendation with Region XII Council of Governments, Inc. for EMS program support.

Public Comments – None

Written Comments – None

Motion was made by Rebecca Dostal to approve the items as presented. Seconded by Patricia Foley.

Roger Zylstra-aye, Harold Hommes-aye, Lisa Gochenour-aye, Rebecca Dostal-aye, Kyle Tobiason-aye, Jim Christensen-aye, Patricia Foley-aye, Mark Stutsman-absent, Amy Echard-aye. Motion passes.

APPROVED AS PRESENTED

CONTRACT WITH NORTHEAST IOWA RC&D-DRY RUN GREENBELT PROJECT

Miranda Haes requested Commission approval for a contract with Northeast Iowa RC&D to support the Dry Run Greenbelt project. Commissioner Harold Hommes expressed gratitude for the partnerships involved in the project.

Public Comments – None

Written Comments – None

Motion was made by Jim Christensen to approve the items as presented. Seconded by Kyle Tobiason.

Roger Zylstra-aye, Harold Hommes-aye, Lisa Gochenour-aye, Rebecca Dostal-aye, Kyle Tobiason-aye, Jim Christensen-aye, Patricia Foley-aye, Mark Stutsman-absent, Amy Echard-aye. Motion passes.

CONTRACT WITH WINNEBAGO RIVER WATERSHED MANAGEMENT COALITION-DEVELOPMENT OF A WATER QUALITY AND COMPREHENSIVE WATERSHED MANAGEMENT PLAN

Miranda Haes requested Commission approval for a contract with Winnebago Watershed Management Coalition for assistance with the development of a water quality and watershed management plan. Ms. Haes responded to questions regarding the cash match provided for the project.

Public Comments – None

Written Comments – None

Motion was made by Kyle Tobiason to approve the items as presented. Seconded by Rebecca Dostal.

Roger Zylstra-aye, Harold Hommes-aye, Lisa Gochenour-aye, Rebecca Dostal-aye, Kyle Tobiason-aye, Jim Christensen-aye, Patricia Foley-aye, Amy Echard-aye, Mark Stutsman-absent. Motion passes.

APPROVED AS PRESENTED

CONTRACT WITH THE UNIVERSITY OF IOWA OFFICE OF THE STATE ARCHAEOLOGIST (OSA)-ARCHEOLOGICAL AND/OR ARCHITECTURAL HISTORY INVESTIGATIONS

Karrie Darnell requested Commission approval for a service contract with OSA for archeological and architectural history investigations. Ms. Darnell provided a couple of examples of when archeological services are requested during the SRF project approval process.

Public Comments – None

Written Comments – None

Motion was made by Harold Hommes to approve the items as presented. Seconded by Patricia Foley.

Roger Zylstra-aye, Harold Hommes-aye, Lisa Gochenour-aye, Rebecca Dostal-aye, Kyle Tobiason-aye, Jim Christensen-aye, Patricia Foley-aye, Amy Echard-aye, Mark Stutsman-absent. Motion passes.

APPROVED AS PRESENTED

CONTRACT WITH THE STATE HYGIENIC LABORATORY (SHL) AT THE UNIVERSITY OF IOWA-BEACH MONITORING PROGRAM

Dan Kendall requested Commission approval for contract with SHL for lab analytical services related to the Beach Monitoring Program. Mr. Kendall responded to questions regarding the historical differences highlighted in the contract history.

Public Comments – None

Written Comments – None

Motion was made by Patricia Foley to approve the items as presented. Seconded by Rebecca Dostal.

Roger Zylstra-aye, Harold Hommes-aye, Lisa Gochenour-aye, Rebecca Dostal-aye, Kyle Tobiason-aye, Jim Christensen-absain, Patricia Foley-aye, Amy Echard-aye, Mark Stutsman-absent. Motion passes.

APPROVED AS PRESENTED

DERELICT BUILDING GRANT PROGRAM-GRANT RECOMMENDATIONS

Reid Bermel requested Commission approval for the grant recommendations for the Derelict Building Grant Program.

Public Comments – None

Written Comments – None

Motion was made by Rebecca Dostal to approve the items as presented. Seconded by Kyle Tobiason.

Roger Zylstra-aye, Harold Hommes-aye, Lisa Gochenour-aye, Rebecca Dostal-aye, Kyle Tobiason-aye, Jim Christensen-aye, Patricia Foley-aye, Amy Echard-aye, Mark Stutsman-absent. Motion passes.

APPROVED AS PRESENTED

CHAPTER 38, "PRIVATE WATER WELL CONSTRUCTION PERMITS"; AND CHAPTER 49, "PRIVATE WATER WELL CONSTRUCTION PERMITS, NONPUBLIC WATER SUPPLY WELLS" - FINAL RULES

Erik Day requested Commission approval for Chapter 38 and Chapter 49 final rules.

Public Comments – None

Written Comments – None

Motion was made by Patricia Foley to approve the items as presented. Seconded by Harold Hommes.

Roger Zylstra-aye, Harold Hommes-aye, Lisa Gochenour-aye, Rebecca Dostal-aye, Kyle Tobiason-aye, Jim Christensen-aye, Patricia Foley-aye, Amy Echard-aye, Mark Stutsman-absent. Motion passes.

APPROVED AS PRESENTED

CHAPTER 50, "WITHDRAWAL, DIVERSION AND STORAGE OF WATER: WATER RIGHTS ALLOCATION"; CHAPTER 51, "WATER PERMIT OR REGISTRATION—WHEN REQUIRED"; AND CHAPTER 52 CRITERIA AND CONDITIONS FOR AUTHORIZING WITHDRAWAL, DIVERSION AND STORAGE OF WATER" - FINAL RULES

Chad Fields requested Commission approval for Chapters 50, 51, and 52 final rules.

Public Comments – None

Written Comments – None

Motion was made by Jim Christensen to approve the items as presented. Seconded by Rebecca Dostal.

Roger Zylstra-aye, Harold Hommes-aye, Lisa Gochenour-aye, Rebecca Dostal-aye, Kyle Tobiason-aye, Jim Christensen-aye, Patricia Foley-aye, Amy Echard-aye, Mark Stutsman-absent. Motion passes.

APPROVED AS PRESENTED

CHAPTER 60, "SCOPE OF TITLE, DEFINITIONS, WASTEWATER CONSTRUCTION PERMITS, AND OPERATION PERMITS"; CHAPTER 64, "WASTEWATER CONSTRUCTION AND OPERATION PERMITS, AND CHAPTER 66, "PESTICIDE APPLICATION TO WATERS" - FINAL RULES

Courtney Cswercko requested Commission approval for Chapters 60, 64, and 66 final rules.

Public Comments – None

Written Comments – None

Motion was made by Kyle Tobiason to approve the items as presented. Seconded by Jim Christensen.

Roger Zylstra-aye, Harold Hommes-aye, Lisa Gochenour-aye, Rebecca Dostal-aye, Kyle Tobiason-aye, Jim Christensen-aye, Patricia Foley-aye, Amy Echard-aye, Mark Stutsman-absent. Motion passes.

APPROVED AS PRESENTED

CHAPTER 62, "EFFLUENT AND PRETREATMENT STANDARDS: OTHER EFFLUENT LIMITATIONS OR PROHIBITIONS" - FINAL RULE

Courtney Cswercko requested Commission approval for Chapter 62 final rules.

Public Comments – None

Written Comments – None

Motion was made by Roger Zylstra to approve the items as presented. Seconded by Rebecca Dostal.

Roger Zylstra-aye, Harold Hommes-aye, Lisa Gochenour-aye, Rebecca Dostal-aye, Kyle Tobiason-aye, Jim Christensen-aye, Patricia Foley-aye, Amy Echard-aye, Mark Stutsman-absent. Motion passes.

APPROVED AS PRESENTED

CHAPTER 63, "MONITORING, ANALYTICAL AND REPORTING REQUIREMENTS" - FINAL RULE

Courtney Cswercko requested Commission approval for Chapter 63 final rules.

Public Comments – None

Written Comments – None

Motion was made by Kyle Tobiason to approve the items as presented. Seconded by Rebecca Dostal.

Roger Zylstra-aye, Harold Hommes-aye, Lisa Gochenour-aye, Rebecca Dostal-aye, Kyle Tobiason-aye, Jim Christensen-aye, Patricia Foley-aye, Amy Echard-aye, Mark Stutsman-absent. Motion passes.

APPROVED AS PRESENTED

CHAPTER 70, "SCOPE OF TITLE-DEFINITIONS-FORMS-RULES OF PRACTICE" - FINAL RULE

Jonathan Garton requested Commission approval for Chapter 70 final rules.

Public Comments – None

Written Comments – None

Motion was made by Roger Zylstra to approve the items as presented. Seconded by Kyle Tobiason.

Roger Zylstra-aye, Harold Hommes-aye, Lisa Gochenour-aye, Rebecca Dostal-aye, Kyle Tobiason-aye, Jim Christensen-aye, Patricia Foley-aye, Amy Echard-aye, Mark Stutsman-absent. Motion passes.

APPROVED AS PRESENTED

CHAPTER 71, "FLOODPLAIN OR FLOODWAY DEVELOPMENT-WHEN APPROVAL IS REQUIRED"; CHAPTER 75, "MANAGEMENT OF SPECIFIC FLOOD PLAIN AREAS"; AND CHAPTER 76, "FEDERAL WATER RESOURCES PROJECTS" - FINAL RULES

Jonathan Garton requested Commission approval for Chapters 71, 75, and 76 final rules.

Public Comments – None

Written Comments – None

Motion was made by Harold Hommes to approve the items as presented. Seconded by Jim Christensen.

Roger Zylstra-aye, Harold Hommes-aye, Lisa Gochenour-aye, Rebecca Dostal-aye, Kyle Tobiason-aye, Jim Christensen-aye, Patricia Foley-aye, Amy Echard-aye, Mark Stutsman-absent. Motion passes.

APPROVED AS PRESENTED

GENERAL DISCUSSION

- Alicia Plathe updated Commissioners on the May meeting details.

ADJOURN

Acting Chairperson Amy Echard adjourned the Environmental Protection Commission meeting at 11:20 am on April 15, 2025.

ADJOURNED

**IOWA DEPARTMENT OF NATURAL RESOURCES
LEGAL SERVICES BUREAU**

DATE: May 2025
TO: Environmental Protection Commission
FROM: Tamara McIntosh
SUBJECT: Attorney General Referrals (January 2025 – April 2025)

Name, Location and Region Number	Program	Alleged Violation	DNR Action	Status	Date
City of Sioux City	Wastewater	Inadequate wastewater treatment	Referred to Attorney General	Referred Petition Filed Answer Filed by City Discovery Served Trial set for May 2023 continued; Trial set for April 23, 2024, continued Motion to Compel filed for discovery; resolved 12/14/23 Trial set for April 29, 2025 continued; Trial Scheduling Conference	6/27/16 1/07/22 2/21/22 4/8/22 3/8/23 3/29/23 11/21/23 3/15/24 5/22/25
Global Fiberglass Solutions, LLC	Solid Waste	Illegal Stockpile	Referred to Attorney General	Referred Petition Filed Answer Filed by 2 Defendants Motion to Dismiss filed by 5 Defendants Hearing scheduled on Motion to Dismiss for 1/7/25 Order on Motion to Dismiss denying in part and granting in part Trial set for April 4, 2026 Application for Interlocutory Appeal on Responsible Corporate Officer Doctrine Order Staying Case Pending Interlocutory Appeal Iowa Supreme Court Granted Application for Interlocutory Appeal	7/7/21 9/25/24 12/3/24 12/4/24 2/12/25 3/6/25 3/14/25 3/18/25 4/14/25
Apex Construction Group Cedar Rapids	Air Quality	Asbestos	Referred to Attorney General	Referred Petition Filed Order scheduling trial for 7/8/24 Apex motion to add College Community School District, Shive-Hattery, Inc., and OPN, Inc. d/b/a OPN Architects as third-party defendants. Order granting motion to add third-party defendants. Apex motion to consolidate case EQCV102268 with case LACV101140.	11/15/22 5/19/23 8/23/23 1/9/24 1/10/24 2/28/24

				Order granting motion to consolidate and scheduling trial for both cases on 3/25/2025. Consent Decree (\$75,000 civil penalty and permanent injunction against future violations)	4/10/24 3/6/25
Quad County Corn Processors Galva	Air Quality	Construction Permits, Violation of AO, Excess Emissions	Referred to Attorney General	Referred Petition Filed EQCV017155 Order Scheduling Trial for 1/20/26	12/19/23 01/7/25
D & D Dairy			Referred to Attorney General	Referred Agreed to Settlement Agreement	2/20/24 6/3/24
Amy Knapp d/b/a Knapp Mobile Home Park Dubuque	Wastewater	Inadequate wastewater treatment	Referred to Attorney General	Referred Petition Filed Order Scheduling Trial for September 16, 2025 Consent Decree (\$5,000 civil penalty and compliance schedule imposed to be completed by 2/1/26)	2/20/24 10/2/24 12/19/24 4/2/25
NEW Cooperative, Inc.	Wastewater	Illegal discharge	Referred to Attorney General	Referred	5/22/24
Montipark LLC, and Shadbolt	Water Supply	Inadequate treatment and notice	Referred to Attorney General	Referred Petition Filed EQCV007808	10/15/24 1/28/25

**IOWA DEPARTMENT OF NATURAL RESOURCES
LEGAL SERVICES BUREAU**

DATE: May 2025
TO: Environmental Protection Commission
FROM: Tamara McIntosh
SUBJECT: Contested Cases (January 2025 – April 2025)

Date Received	Name Of Case	Action Appealed	Program	Assigned Attorney	Status
6/10/13	Mike Jahnke	Dam Application	FP	Schoenebaum	<p>Hearing held 7/30/14. ALJ upheld the permit issued by the Department. Mr. Jahnke appealed but on 11/3/14 he asked that his appeal be put on hold until April 2015. For various reasons has asked that the appeal be postponed.</p> <p>Sept. 2017 – Mr. Jahnke called and asked that his appeal be put on hold until Spring 2018. September 2018 Mr. Jahnke called and asked that the matter be postponed to Spring '19.</p> <p>Jan. 2019 no changes, matter was postponed to Spring 2019.</p> <p>April 2019 – no change; matter postponed to Spring 2019.</p> <p>July 2019 – No changes.</p> <p>10/25/19 – Mr Jahnke has called many times to discuss his ongoing medical problems and his families' each time he asks for the matter not to be placed on the agenda and asks for a delay. He again asked for a delay until Spring.</p> <p>1/24/20 – Mr. Jahnke called again and explain ongoing medical problems and that he cannot be present for a winter meeting and asked that the matter continue to be delayed.</p> <p>5/25/20 to the 2/21/23 – no changes</p> <p>3/22.2023 – sent letter asking if he would like to withdraw his appeal or set it to go before the commission. A response was requested no later than April 12, 2023.</p> <p>April 2023 - Mr. Jahnke requested this not be set for argument before the EPC until October 2023 because of on-going health reasons.</p> <p>September 18, 2023, letter sent to Mr. Jahnke asking for a response NLT September 28, 2023 indicating if he</p>

					<p>would like to move forward with appeal or withdraw the appeal.</p> <p>Mr. Jahnke called Ms. Schoenebaum on September 28, 2023, and asked not to place this on the agenda because of serious health issues.</p> <p>6/21/24 to present – No change</p>
11/9/17	IA Regional Utilities Association	Permit Issuance	WW	Schoenebaum (Poppelreiter)	<p>10/25/18 –Negotiating before setting a hearing date. A final meeting with facility’s new director is expected before the end of 2018.</p> <p>01/24/19 –Negotiating before setting a hearing date. Meeting with permittee 1/24/19. Permittee must discuss options with Board. Decision from Permittee on whether to withdraw appeal or move forward with hearing is expected in Spring 2019. April 2019 – Waiting on permittee to decide whether to set a hearing or withdraw appeal. 10/25/19 – Permittee and DNR still in negotiations re: engineering proposals at the facility. No change in the appeal status. 1/24/20 – Finalizing the report on the progress they have made and will meet with DNR’s Wastewater staff in February to discuss settlement options.</p> <p>5/25/20 – No Changes</p> <p>11/18/2020 - Ongoing negotiations with IRUA. No hearing set as yet. Looking into alternative solutions.</p> <p>3/25/2021 - Continuing discussions with IRUA. Both parties are interested in non-litigation solutions. No hearing set.</p> <p>5/27/21 to the present – No Changes</p>

**IOWA DEPARTMENT OF NATURAL RESOURCES
LEGAL SERVICES BUREAU**

DATE: May 2025
TO: Environmental Protection Commission
FROM: Tamara McIntosh
SUBJECT: Enforcement Report Update (December 18, 2024 - April 25, 2025)

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

Individual/Entity	Program	Alleged Violation	Type of Order/Action	Penalty Amount Due	Date
Peter Junior Hoogland	AFO	Manure Management Plan and Construction Permit	Consent	\$10,000.00	12//18/24
LBH Partners LLC	AFO	Manure Management Plan	Consent	\$6,000.00	1/8/25
Roorda Dairy, LLC	AFO	Manure Discharge	Consent	\$8,000.00	1/10/25
Lansing Bros Construction Co., Inc.	AQ	Asbestos	Unilateral and Rescission	0	1/15/25 and 1/30/25
GJL Real Estate< LLC	AFO	Manure Management Plan	Consent	\$6,000.00	1/23/25
Boogerd Dairy Inc.	AFO	Manure Management Plan	Consent	\$2,000.00	1/29/25
Lansing Bros. Construction Co., Inc.	AQ	Asbestos	Consent	\$1,650.00	1/30/25
Kevin Kajewski	AFO	Manure Management Plan	Consent	\$3,000.00	2/7/25
Dan Ehlers	AFO	Manure Management Plan	Consent	\$3,000.00	2/7/25
Patrick Brown	WW	Time of Transfer	Consent	\$5,000.00	2/7/25
Duane Woebeking	AFO	Manure Release	Consent	\$2,500.00	2/18/25
Jochum Agri-Services, Inc.	AFO	Manure Release	Consent	\$5,000.00	2/18/25
City of Doon	WW	Permit Conditions	Consent	\$2,000.00	2/18/25
Hand Nutrient Management	AFO	Manure Release	Consent	\$2,500.00	2/19/25

Dean Sweeney	AQ	Open Burning and Improper Solid Waste Disposal	Consent	\$3,500.00	2/19/25
Crosman Land & Livestock LLC	AFO	Manure Release	Consent	\$4,000.00	2/21/25
Hudson Heights, LLC	WW	Permit Conditions	Consent	\$8,000.00	3/5/25
Seaboard Triumph Foods, LLC	AQ	Construction Permits and Permit Conditions	Consent	\$7,000.00	3/11/25
Allen Wiese	AFO	Manure Certification	Consent	\$3,000.00	3/13/25
Berte Pumping	AFO	Manure Certification	Consent	\$5,000.00	3/13/25
Central Disposal Systems, Inc.	SW	Cover and Recordkeeping	Unilateral	\$10,000.00	3/17/25
Kading Land	WW	Discharge	Consent	\$6,500.00	3/21/25
Heigh Ho Farms Inc.	AFO	Manure Management Plan	Consent	\$2,000.00	3/26/25
City of Laurel	WW	Permit Conditions	Consent	0	3/28/25
Nick Thole	WS	Operator Certification	Consent	0	3/31/25
Adam Timmerman	AFO	Manure Management Plan	Unilateral	\$3,000.00	4/2/25
Tanner Oleson	AFO	Manure Management Plan	Unilateral	\$3,000.00	4/2/25
Precision Custom Pumping	AFO	Manure Release	Unilateral	\$2,000.00	4/2/25
Paul and Charlotte Teubel	SW	Improper Tire Disposal	Unilateral	\$10,000.00	4/2/25
Bar BQ Pork L.L.C.	AFO	Manure Management Plan	Unilateral and Amendment	\$2,000.00	4/4/25 and 4/24/25
Travis Dagel	AFO	Manure Management Plan	Unilateral	\$3,000.00	4/4/25
Energy Mfg. Co., Inc.	AQ	Construction Permits and Permit Conditions	Consent	\$5,000.00	4/9/25

Troy Sedore	AQ/SW/WW	Open Burning, Improper Solid Waste Disposal and Permit Requirements	Unilateral	\$10,000.00	4/9/25
Duane Bergren	AFO	Manure Release	Consent	\$5,500.00	4/24/25
Kyle Mracek	WW	Time of Transfer	Consent	\$1,000.00	4/24/25
Grand Total			\$150,150.00		

**IOWA DEPARTMENT OF NATURAL RESOURCES
LEGAL SERVICES BUREAU**

DATE: May 2025
TO: Environmental Protection Commission
FROM: Tamara McIntosh
SUBJECT: Summary of Administrative Penalties (December 18, 2024 - April 25, 2025)

The following administrative penalties are being collected by DRF:

NAME	PROGRAM	AMOUNT (remaining)
Jon Knabel	AQ/SW	\$1,037.33
Randy Wise; Wise Construction	AQ/SW	\$2,081.32
Gary Eggers	SW/WW	\$10,000.00
Dennis R. Phillips; Marty's Convenience Mart	UT	\$9,954.53
Frank Robak	UT	\$10,000.00
Randy Cates	AQ/SW	\$10,000.00
Jeff Gray dba Grayz Metal Recycling	AQ/SW	\$918.53
Jayson Schlafke	AFO	\$3,000.00
Strickler Farms, LTD	AFO	\$2,592.78
Steve Seelye	AQ	750.00
Brandon Stewart	AQ/SW	\$2,100.00
North Iowa Custom Finishing	AFO	\$2,250.00
North Iowa Custom Finishing	AFO	\$4,100.00
Jason Larabee	AFO	\$7,500.00
Larrell DeJong	AFO	\$10,000.00
Scott Ellsworth	AFO	\$5,000.00
Jacob Wagoner	AQ	\$4,000.00
James Ziebell	AQ	\$10,000.00
Chanchai Sooksawan	AQ	\$10,000.00
Kunkel Enterprises, LLC and Mike Kunkel	AQ	\$8,000.00
Newt's Café	WS	\$1,500.00
Blue Hyll Dairy LLC	AFO	\$6,500.00
Michael Matthews	AQ	\$4,630.00
Amritdeep Kaur - Pari	UT	\$7,000.00
Amritdeep Kaur - Cissy's	UT	\$7,000.00
Ronald, Dennis, and Nathan Stratton	FP	\$5,000.00
Alexander Buck	AQ/SW	\$1,530.00
Nick and Ray Ohl	AQ/SW	\$3,000.00
Tyler Investment Co., Inc.	WW	\$10,000.00
Brookstone Specialty Services	WW	\$10,000.00
CJ Construction	WW	\$5,000.00
Mississippi Valley Meat	AFO	\$3,000.00
Nolan Junker	AFO	\$3,000.00
Nolan Junker	AFO	\$7,000.00
Douglas Riesberg	AFO	\$4,684.25
Randy Less	FP	\$2,500.00
Randy Reich	AQ	\$3,100.00
Total		\$197,728.74

The following administrative penalties are DUE:

NAME	PROGRAM	AMOUNT (remaining)
Recycling Services	WW/HC/SW	\$7,000.00
Lu-Jen Farms	AFO	\$5,000.00
Jaymaharaj, L.L.C. and Monaj Desai	HC	\$7,000.00
Chad Roche	SW	\$10,000.00
Brian Young	AQ	\$7,000.00
Ames Business Group	AQ	\$2,000.00
Ames Business Group/Wesley Ames	SW	\$10,000.00
William Shadbolt/Montipark LLC	WS	\$10,000.00
Bradley Smith	AFO	\$9,000.00
Waspy's Truck Wash, LLC	WW	\$8,000.00
Colo Country Living LLC	AQ/SW/WW	\$10,000.00
City of Randalia	WW	\$1,000.00
Boogerd Dairy, Inc.	AFO	\$2,000.00
Kevin Kajewski	AFO	\$3,000.00
Lansing Bros Construction Co., Inc.	AQ	\$1,650.00
Dean Sweeney	AQ	\$3,500.00
Total		\$96,150.00

The following administrative penalties have been COLLECTED:

NAME	PROGRAM	AMOUNT (Collected)
Darryl Banowetz	AFO - AG	\$5,000.00
Thomas Gronbach	AQ/SW - AG	\$4,100.00
Shawn Gohlinghorst	AQ/SW	\$3,750.00
Tyson Means	AQ/SW	\$3,750.00
Darrel Schipansky	AQ/SW	\$3,750.00
Larrell DeJong	AFO - Revenue	\$3,500.00
Apex Construction Company, Inc.	AQ - AG	\$45,000.00
Toomsen Land & Livestock Inc.	AFO	\$1,500.00
The Martin Brower Company	AQ	\$6,500.00
Oak Hill Renovation Inc.	AQ/SW	\$2,334.00
GJL Real Estate LLC	AFO	\$6,000.00
Cargill Incorporated	AQ	\$10,000.00
Douglas Rieseberg	AFO - Revenue	\$3,295.93
Dan Ehlers	AFO	\$3,000.00
Jochum Agri-Services	AFO	\$5,000.00
Darryl Humpal	AFO	\$1,000.00
Brown Underground Inc.	WW	\$5,000.00
City of Doon	WW	\$2,000.00
Timbercrest Homes	WW	\$8,000.00
Wright Materials Company	AQ - Revenue	\$3,907.70
Bee Rite Tire Disposal/Michael Trowbridge	SW - Revenue	\$924.75
Amy Knapp	WW - AG	\$5,000.00
Duane Woebbeking	AFO	\$2,500.00
LBH Partners, LLP	AFO	\$6,000.00
Hand Nutrients Management, LLC	AFO	\$2,500.00
Allen Wiese	AFO	\$3,000.00
Center Fresh Egg Farm LLC	WW	\$5,000.00
Jerry Passehl	HC/SW/WW	\$492.00

Kading Land	WW	\$6,500.00
Berte Pumping LLC	AFO	\$5,000.00
Seaboard Triumph Food LLC	AQ	\$7,000.00
Heigh Ho Farms Inc.	AFO	\$2,000.00
Crosman Land and Livestock LLC	AFO	\$4,000.00
Peter Hoogland	AFO	\$10,000.00
Duane Bergren	AFO	\$5,500.00
Mracek Sewer & Excavating Services	WW	\$1,000.00
Total		\$192,804.38

**IOWA DEPARTMENT OF NATURAL RESOURCES
LEGAL SERVICES BUREAU**

DATE: May 2025 (January 2025 – April 2025)

TO: Environmental Protection Commission

FROM: Tamara McIntosh

SUBJECT: Rulemaking Status Report

Rule Proposal	Notice to EPC	Notice Published	ARRC Mtg	Hearing(s)	Comment Period ends	Final to EPC	Rules Published	ARRC #	ARRC Mtg	Rules Effective
38 & 49	11/19/24	1/8/25	2/10/25	2/3 and 2/4	2/7/25	4/15/25	5/14/25			6/18/25
39	11/19/24	1/8/25	2/10/25	2/3 and 2/4	2/7/25	4/15/25	5/14/25			6/18/25
40 & 42	11/19/24	1/8/25	2/10/25	1/30 and 1/31	2/7/25					
41	11/19/24	1/8/25	2/10/25	1/30 and 1/31	2/7/25					
43	11/19/24	1/8/25	2/10/25	1/30 and 1/31	2/7/25					
44	11/19/24	1/8/25	2/10/25	2/5 and 2/6	2/7/25	4/15/25	5/14/25			6/18/25
50-52	11/19/24	1/8/25	2/10/25	2/3 and 2/4	2/7/25	4/15/25	5/14/25			6/18/25
53	11/19/24	1/8/25	2/10/25	2/3 and 2/4	2/7/25	4/15/25	5/14/25			6/18/25
54	11/19/24	1/8/25	2/10/25	2/3 and 2/4	2/7/25	4/15/25	5/14/25			6/18/25
55	11/19/24	1/8/25	2/10/25	2/3 and 2/4	2/7/25	4/15/25	5/14/25			6/18/25
60,64,66	11/19/24	1/8/25	2/10/25	1/28 and 1/29	2/7/25	4/15/25	5/14/25			6/18/25
62	11/19/24	1/8/25	2/10/25	1/28 and 1/29	2/7/25	4/15/25	5/14/25			6/18/25
63	11/19/24	1/8/25	2/10/25	1/28 and 1/29	2/7/25	4/15/25	5/14/25			6/18/25
67	11/19/24	1/8/25	2/10/25	1/28 and 1/29	2/7/25	4/15/25	5/14/25			6/18/25
68	11/19/24	1/8/25	2/10/25	1/28 and 1/29	2/7/25	4/15/25	5/14/25			6/18/25
69	11/19/24	1/8/25	2/10/25	1/28 and 1/29	2/7/25					
70	11/19/24	1/8/25	2/10/25	1/28 and 1/29	1/29/25	4/15/25	5/14/25			6/18/25
71,75,76	11/19/24	1/8/25	2/10/25	1/28 and 1/29	1/29/25	4/15/25	5/14/25			6/18/25
72	11/19/24	1/8/25	2/10/25	1/28 and 1/29	1/29/25	4/15/25	5/14/25			6/18/25
73	11/19/24	1/8/25	2/10/25	1/28 and 1/29	1/29/25	4/15/25	5/14/25			6/18/25
81	11/19/24	1/8/25	2/10/25	2/4 and 2/5	2/7/25	4/15/25	5/14/25			6/18/25
82	11/19/24	1/8/25	2/10/25	2/3 and 2/4	2/7/25	4/15/25	5/14/25			6/18/25
83	11/19/24	1/8/25	2/10/25	1/28 and 1/29	2/7/25	4/15/25	5/14/25			6/18/25
90-93	11/19/24	1/8/25	2/10/25	2/5 and 2/6	2/7/25	4/15/25	5/14/25			6/18/25

First Quarter 2025 Chemical Spill, Manure Release and Wastewater By-Pass Report

(Quarterly report to the Environmental Protection Commission)

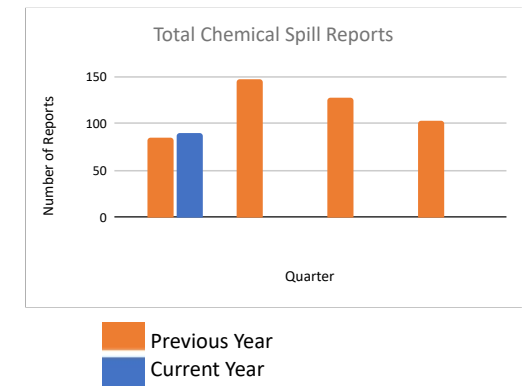
Chemical Spills

During the period January 1, 2025, through March 31, 2025, 90 hazardous conditions were reported to the department (567 IAC 131.2 (455B.386)). This does not include releases from underground storage tanks, which are reported separately.

		Total Chemical Spills		Substance						Mode			
				Agricultural		Petroleum		Other Chemicals*		Transportation**		Fixed Facility	
Quarter	Year	Previous Year	Current Year	Previous Year	Current Year	Previous Year	Current Year	Previous Year	Current Year	Previous Year	Current Year	Previous Year	Current Year
1st	2025	85	90	2	0	63	56	25	35	25	32	60	58
2nd	2025	147		28		91		44		50		97	
3rd	2025	128		8		66		56		37		91	
4th	2025	103		9		60		40		41		62	
Calendar Year to Date		463	90	47	0	280	56	165	35	153	32	310	58

* Other includes: non-agricultural and non-petroleum based chemicals including but not limited to chlorine, acids/bases, inorganic and organic chemicals

** Transportation includes: water transportation, vehicle transportation, rail transportation and pipeline transportation. All other types of incidents are considered fixed facility.

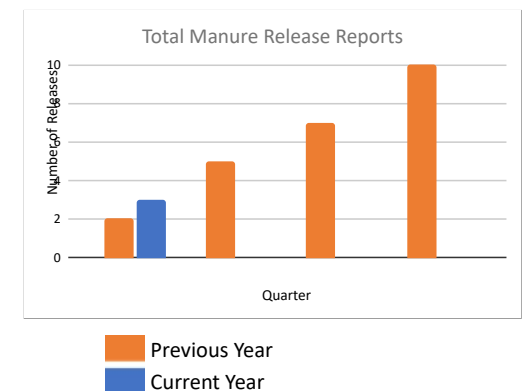


Manure Releases

During the period January 1, 2025, through March 31, 2025, 3 manure releases were reported to the department. 567 IAC 65.2 (455B, 459, 459A, 459B)

		Total Reported Manure Releases		Impacts to a Water of the State		At an Animal Feeding Operation (on-site)		Not at an Animal Feeding Operation (off-site)*	
Quarter	Year	Previous	Current	Previous	Current	Previous	Current	Previous	Current
1st	2025	2	3	0	1	1	2	1	1
2nd	2025	5		2		5		0	
3rd	2025	7		3		5		2	
4th	2025	10		4		8		2	
Calendar Year to Date		24	3	9	1	19	2	5	1

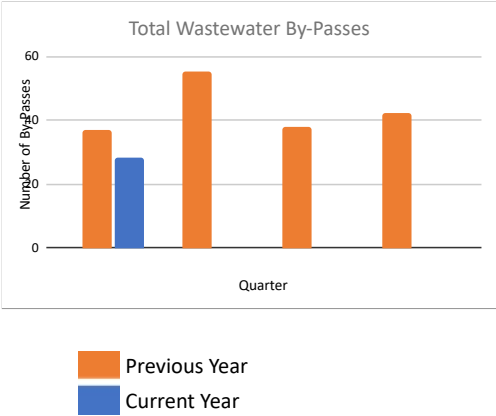
* Off Site includes: transportation and land application related incidents.



Wastewater By-Passes

During the period January 1, 2025 through March 31, 2025, 28 wastewater by-passes were reported to the department (567 IAC 63.6(3) (455B.186)). This does not include by-passes resulting from precipitation events (including flood water infiltration) or bypasses resulting in basement backups.

		Total Wastewater By-passes		Average Length (days)		Average Volume (Million Gallons/Day)		Reported Fish Kills	
Quarter	Year	Previous	Current	Previous	Current	Previous	Current	Previous	Current
1st	2025	37	28	0.317	0.472	0.208	0.034	0	0
2nd	2025	55		0.745		1.095		0	
3rd	2025	38		0.363		0.241		0	
4th	2025	42		1.282		0.07		0	
Calendar Year to Date		172	28					0	0



Monthly Waiver Report

April 2025

Item #	DNR Reviewer	Facility/City	Program	Subject	Decision	Date	Agency Reference
Item #	DNR Reviewer	Facility/City	Program	Subject	Decision	Date	Agency Reference
1	John Curtin	Vinton Waste Water Treatment Plant	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement for an emergency diesel engine.	Approved	3.31.25	25aqw054
2	Jasmine Bootman	Hach Company	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	Approved	3.31.25	25aqw055
3	Danjin Zulic	University of Iowa	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	Approved	4.2.25	25aqw056
4	Meesha Legg	Little Sioux Drainage District	Flood Plain Management and Dam Safety	Waiver to IAC 567—72.4(1)f. Criteria requires minimum 100 foot offset from river bank. This is a hardship due to it being an existing levee. Project is setting back the levee, but not to the min required	Approved	4.1.25	25fpw057
5	Nate Tatar	Northern Natural Gas Co - Ventura	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	Approved	4.3.25	25aqw058
6	Karen Kuhn	Shell Rock Soy Processing	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	Approved	4.3.25	25aqw059
7	Danjin Zulic	University of Iowa	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	Approved	4.8.25	25aqw060
8	Anna Seeger	Iowa City Water	Water Supply Construction	The applicant proposed to replace a watermain at an existing location, 46 inches underneath the inside bottom edge of the urban stream's box culvert. The new water main will be RJIB DIP with nitrite gaskets within a casing pipe	Approved	4.9.25	25wcw061
9	Jasmine Bootman	Clarinda Correctional Facility	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	Approved	4.10.25	25aqw062
10	Danjin Zulic	Purina Animal Nutrition, LLC	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	Approved	4.10.25	25aqw063
11	Tim Bauer	Aktins STP	CP Wastewater	The City of Atkins is requesting a variance from the Iowa Wastewater Facilities Design Standards Chapter 12 - Iowa Standards for Sewer Systems 12.6 (Details of Construction) for the installation of gravity sewers by pipe bursting.	Approved	8.15.24	25cpw064
12	Jasmine Bootman	Bayer Iowa Production Co, LLC - Boone	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	Approved	4.15.25	25aqw065
13	Danjin Zulic	Altec Osceola Body Plant	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	Approved	4.15.25	25aqw066
14	Meesha Legg	Iowa DNR	Flood Plain Management and Dam Safety	The applicant is requesting a variance to IAC 567—72.4(1)f. Offset: A minimum offset equal to 100 feet or twice the width of a river or stream measured from top of bank to top of bank, whichever distance is less, shall be required for all...	Approved	4.1.25	25fpw067
15	Nate Tatar	Wacker Chemical Corporation	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	Approved	4.16.25	25aqw068
16	Andrew Jensen	NB IA 5 over the South River	Flood Plain Management and Dam Safety	A Q100 backwater criteria waiver/variance to Iowa Administrative Code 567--72.1(1)a for low damage potential bridges and roadway embankments. The proposed bridge exceeds the 1.5 feet maximum Q100 backwater requirement.	Approved	4.10.25	25fpw069
17	Julie Ritter	Tyson Fresh Meats	AQ	Request to increase flow rate from 600 to 800 scfm to protect lagoon cover.	Approved	4.21.25	25aqw070
18	Jasmine Bootman	American Hydraulics, Inc	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	Approved	4.22.25	25aqw071
19	John Curtin	Jesup WWTF	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement for an emergency diesel engine.	Approved	4.22.25	25aqw072
19	Jasmine Bootman	Henniges Automotive Iowa, Inc	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	Approved	4.22.25	25aqw073
21	Danjin Zulic	Tafco DIV8	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	Approved	4.25.25	25aqw074
22	Mark Fields	POET Menlo	AQ	POET Biorefining Menlo has requested an extension to the 5/9/2025 stack test deadline on EP S170 since the boiler is currently offline for repairs. Facility has requested until June 30, 2025 to stack test.	Approved	4.23.25	25aqw075

Iowa Department of Natural Resources
Environmental Protection Commission

ITEM #7

DECISION

Contract with IOWA STATE UNIVERSITY for Manure Applicator Certification (MAC) Training

Recommendation:

Commission approval is requested for a service contract with Iowa State University (ISU), for Manure Applicator Certification (MAC) Training.

Contract Terms:

Amount: Not to exceed \$621,000.00 (\$207,000 per fiscal year)

Dates: July 1, 2025 to June 30, 2028

Funding Source(s): Manure applicator license and education fees, Manure Compliance Fund

Statutory Authority: Iowa Code section 455B.103(3)

Contract Background: The DNR and ISU have contracted for many years for ISU to provide MAC training. This will assist the DNR in training and testing of commercial manure service representatives and confinement site applicators, as required by Iowa Code sections 459.314A and 459.315, and 567 Iowa Administrative Code (IAC) 65.112.

Contract Purpose: The parties propose to enter into this Contract to retain the Contractor to conduct activities in developing MAC training and testing material for commercial manure service representatives and confinement site manure applicators, including online versions of certification training materials. These materials will be utilized, as appropriate, by ISU and the DNR to implement the manure applicator certification requirements contained in Iowa Code sections 459.314A and 459.315, and 567 IAC 65.112.

Contractor Selection Process: DNR is allowed to contract with ISU pursuant to Iowa Code section 455B.103(3).

Contract History: DNR has contracted with ISU since at least 2007 to develop and provide MAC training. The services covered under the contract have not changed in the last five years. A summary of some of the previous contracts is identified in the table below.

Contract Timeframe	Cost per Year	Total
7/1/18-6/30/20	\$207,000 (2 years)	\$414,000.00
7/1/20-6/30/22	\$207,000 (2 years)	\$414,000.00
7/1/22-6/30/25	\$207,000 (3 years)	\$621,000.00
7/1/25-6/30/28	\$207,000 (3 years)	\$621,000.00

Christina Iiams, Management Analyst 2, Field Services & Compliance Bureau
Environmental Services Division
May 21, 2025

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

Obligation	Task Milestone Date
<p>Task 1a: Development of Commercial Certification Course</p> <p>Description: For each Calendar Year during the term of this Contract, ISU shall develop a three-hour manure certification course for commercial manure service representatives. ISU shall develop the following for use in the course or in connection with the course:</p> <ul style="list-style-type: none"> • Recruitment materials; • Training materials (as required by Task 3); • DVD studio recordings of training (as required by Task 1b, 1c, 2b, and 2c); • A DVD of outdoor demonstrations (as required by Task 1c and 2c); • Online training materials (as required by Task 4); and • Program evaluation materials (see Task 10). <p>The development of this course shall take into account the content and topics recommended by the Advisory Committee (See Task 6) and any recommendations made following the ISU Field Specialist meeting (see Task 7).</p> <p>ISU shall develop, update and maintain Spanish language training materials for use during the Contract period.</p>	<p>Development of the course and related materials shall be completed by no later than December 31 of each Calendar Year for the following Calendar Year</p>
<p>Task 1b: Presentation of Commercial Certification Course</p> <p>Description: During each Calendar Year of this Contract, ISU shall publicize and shall conduct at least one statewide training presentation of the three-hour manure certification course for commercial manure service representatives, using the ISU studio-recorded DVD presentation developed for Task 1a, above. This statewide presentation shall be available for viewing in at least 40 ISU Extension & Outreach offices.</p> <p>A live version of the presentation may be presented, with pre-approval by DNR, at an alternate location, such as Pork Congress, ISU Field Day, or at an industry trade show.</p> <p>The DVD presentation shall be used for training at ISU Extension & Outreach offices through the remainder of the Calendar Year.</p>	<p>A statewide live presentation shall occur no later than January 15 of each Calendar Year.</p>
<p>Task 1c: Pre-recorded Presentation and Accompanying Printed Materials of Commercial Certification Course</p> <p>Description: An archived pre-recorded (DVD) presentation and accompanying printed materials of the course for the current Calendar Year shall be available for viewing during regular business hours, with an appointment, at ISU county extension offices.</p>	<p>This task shall be performed throughout the Contract term.</p>
<p>Task 2a: Development of Confinement Certification Courses</p> <p>Description: For each Calendar Year during the term of this Contract, ISU shall develop a two-hour manure certification course for confinement site manure applicators. ISU shall develop the following for use in the courses or in connection with the courses:</p> <ul style="list-style-type: none"> • Recruitment materials; • Training materials for live training (as required by Task 3); • DVD studio recordings of training (as required by Task 1b, 1c, 2b, and 2c); • A DVD of outdoor demonstrations (as required by Task 1c and 2c); • Online training materials (as required by Task 4); and • Program evaluation materials (see Task 10). <p>The courses shall be designed to be delivered and shall be delivered live by ISU Teaching Teams, which shall consist of ISU Field Specialists and campus specialists or other qualified personnel.</p> <p>The development of these courses shall take into account content and topics recommended by the Advisory Committee (see Task 6) and any recommendations made following the ISU Field Specialist meeting (see Task 7).</p> <p>ISU shall develop, update and maintain Spanish language training materials for use during the Contract period.</p>	<p>Development of the course and related materials shall be completed by no later than December 31 of each Calendar Year for the following Calendar Year.</p>

Obligation	Task Milestone Date
<p>Task 2b: Presentation of Confinement Certification Course</p> <p>Description: During each Calendar Year of this Contract, ISU shall publicize, schedule and conduct certification courses using these course materials in most counties throughout the state, where the courses shall be delivered by members of the ISU Teaching Teams. ISU shall prepare and distribute sets of course teaching materials to appropriate ISU Teaching Teams, including pre-recorded DVD training materials and other DNR-approved training materials.</p> <p>No less than 45 live presentations shall occur at ISU county extension offices. With pre-approval by DNR, live presentations may occur at alternate locations, such as Pork Congress, ISU Field Day, or at industry trade shows.</p> <p>The DVD presentation shall be used for training at ISU Extension & Outreach offices through the remainder of the Calendar Year.</p>	<p>Live presentations shall occur for each Calendar Year throughout that Calendar Year.</p>
<p>Task 2c: Presentation of Confinement Certification Course</p> <p>Description: Delivery of the pre-recorded DVD presentation materials for the relevant Calendar Year shall occur as often as needed throughout each Calendar Year. DVDs of the courses shall be available for viewing during regular business hours, with an appointment, at ISU county extension offices.</p>	<p>This Task shall be performed throughout the Contract term.</p>
<p>Task 3: Update Training Materials</p> <p>Description: During each Calendar Year of this Contract, ISU shall update current manure applicator certification training materials, including online training materials (see Task 4) and ISU-generated fact sheets for applicators.</p> <p>Training materials shall address:</p> <ul style="list-style-type: none"> • handling, application and storage of manure; • potential effects of manure on surface water and groundwater; • procedures to remediate the potential effects on surface water and groundwater; • manure nutrient values; • manure use to maximize crop production benefits and prevent contamination of surface water and groundwater; • requirements of Iowa law, including statutes, DNR rules and any relevant federal law; • timing of land application based on manure storage levels, crop needs, weather and soil conditions; • best management practices for manure application and management recommended by DNR and ISU; • development of safety and emergency action plans, availability of technical and educational assistance; • practical and cost-effective methods to prevent and limit the impact of manure spills, especially from manure storage structures. <p>In addition to the training materials designed for live presentation, an outdoor video for demonstration purposes shall be created or updated, as necessary.</p>	<p>Training Materials shall be developed for each Calendar Year by December 31 of the previous Calendar Year.</p>

Obligation	Task Milestone Date
<p>Task 4: Video footage and other training materials</p> <p>Description: During each Calendar Year of this Contract, ISU shall provide formatted and edited online training materials that are revised and updated as necessary to be consistent with other training materials during that Calendar Year. These training materials shall be formatted into modules that are no more than 15 minutes in length to be compliant with and to be used in conjunction with DNR's Learning Management System (LMS) known as Workday Learning. This content shall be submitted to the DNR with title cards in place, and in a compliant format using content software agreed upon by DNR and ISU. Video footage and other learning materials shall be formatted and edited to produce the following low definition products:</p> <ul style="list-style-type: none"> (a) A three-hour manure certification training course for commercial manure service representatives, as designated in 567 IAC 65.112(6)"a"; (b) A two-hour confinement site manure applicator training course for confinement site manure applicators, as designated in 567 IAC 65.112(6)"b"; (c) A three-hour dry manure applicator training course suitable for training designated by 567 IAC 65.112(6)"a" or 567 IAC 65.112(6)"b" and pre-recorded between August and December preceding the Calendar Year during which it is used for training. <p>ISU shall send the online content to DNR for upload to Workday. As requested by DNR, Contractor shall assist DNR in ensuring that the online training materials are successfully deployed and are consistently available on DNR's website for use by members of the public.</p>	<p>Online training, including any revisions and updates, shall be ready for deployment by no later than December 1 of each Calendar Year.</p> <p>Content shall be sent to the DNR for upload into the DNR's LMS by no later than December 5 of each Calendar Year.</p>
<p>Task 5: Update Certification Exams</p> <p>Description: During each Calendar Year of this Contract, ISU shall update manure applicator certification exams as requested by DNR in writing, and ISU shall test the exams on members of ISU Teaching Teams, following DNR review.</p>	<p>Updates requested by DNR shall be completed no later than 90 days following the date of request, but in any event no later than December 31 of the Calendar Year during which the request was made.</p>
<p>Task 6: Advisory Committee Recruitment and Advisory Committee Meeting</p> <p>Description: During each Calendar Year of this Contract, ISU shall identify commercial manure service representatives to serve on an Advisory Committee for development of manure applicator training materials. Members of the Advisory Committee shall include at least the following: ISU representatives and DNR representatives. Other persons or organizations may be included as determined by ISU. The purpose of the Advisory Committee shall be to develop a list of potential content and topics for the education courses and training materials to be developed during the following Calendar Year.</p> <p>The Advisory Committee shall meet at least once during each Calendar Year, by no later than August 31, and shall develop a list of potential content and topics for the courses and training materials to be developed by December 31 of that Calendar Year for use during the following Calendar Year.</p>	<p>This Task shall be performed throughout the Contract term.</p>
<p>Task 7: ISU Field Specialist Meeting, and In-Service Training for ISU Field Staff Support Personnel</p> <p>Description: During each Calendar Year of this Contract, ISU shall schedule and, with DNR, shall conduct one meeting of ISU Field Specialists. The purpose of the meeting shall be to discuss the implementation of the following Calendar Year training materials for the Manure Applicator Certification program.</p> <p>During each Calendar Year of this Contract, ISU and DNR shall provide in-service training to ISU Field Staff support personnel responsible for county extension program delivery to implement training using pre-recorded courses and printed materials, and administrative paperwork for the Manure Applicator Certification program.</p>	<p>No later than December 31 of each Calendar Year for the following Calendar Year.</p>

Obligation	Task Milestone Date
<p>Task 8: Website Maintenance</p> <p>Description: In addition to the online training materials provided pursuant to Task 4 of this Contract, during each Calendar Year of this Contract, ISU shall ensure that the public may download copies of current Calendar Year course materials, topics and other training materials at the following internet address: http://www.extension.iastate.edu/immag/.</p> <p>ISU shall ensure that the materials available on this website include a current list of times and locations for course presentations, and information regarding the online training created and deployed on DNR's website pursuant to Task 4 above. This website also shall include a current list of certified commercial applicators and the Annual Report due pursuant to section 6.4 of this Contract, as well as the Annual Reports from the previous five Calendar Years. The website shall be maintained and updated by ISU as needed throughout the term of this Contract.</p>	<p>This Task shall be performed through the Contract term.</p>
<p>Task 9: Continuing External Information</p> <p>Description: During each Calendar Year of this Contract, ISU shall keep the public, support groups, and external partners who are members, or potential members, of the Advisory Committee informed about the program. Methods to publish information shall include, but shall not be limited to, mass media and personal contact.</p> <p>Within two months of the end of each Calendar Year, ISU shall publish evaluation results and behavior change resulting from the certification program at the following internet address: http://www.extension.iastate.edu/immag/.</p>	<p>This Task shall be performed through the Contract term.</p>

7.4 Budget. The budget for this Contract shall be as follows:

Task*	Amount of compensation allotted to Task per Fiscal Year	Amount of compensation allotted to Task for three-year Contract term
Task 1a: Development of Commercial Certification Course	Not more than \$50,000.00	Not more than \$150,000.00
Task 1b: Presentation of Commercial Certification Course	Not more than \$20,000.00	Not more than \$60,000.00
Task 1c: Pre-recorded Presentation and Accompanying Printed Materials of Commercial Certification Course	Not more than \$11,000.00	Not more than \$33,000.00
Task 2a: Development of Confinement Certification Courses	Not more than \$50,000.00	Not more than \$150,000.00
Task 2b: Presentation of Confinement Certification Courses	Not more than \$20,000.00	Not more than \$60,000.00
Task 2c: Pre-recorded Presentation of Confinement Certification Course	Not more than \$11,000.00	Not more than \$33,000.00
Task 3: Update Training Materials	Not more than \$5,000.00	Not more than \$15,000.00
Task 4: Video footage and other training materials	Not more than \$10,000.00	Not more than \$30,000.00
Task 5: Update Certification Exams	No separate amount is allotted for this Task	No separate amount is allotted for this Task
Task 6: Advisory Committee Recruitment and Advisory Committee Meeting	Not more than \$10,000.00	Not more than \$30,000.00
Task 7: ISU Field Specialist Meeting, and In-Service Training for ISU Field Staff Support Personnel	Not more than \$5,000.00	Not more than \$15,000.00
Task 8: Website Maintenance	Not more than \$5,000.00	Not more than \$15,000.00
Task 9: Continuing External Information	Not more than \$10,000.00	Not more than \$30,000.00
Total	Not more than \$207,000.00	Not more than \$621,000.00

*If the actual costs per Task deviate by more than 10% from those stated in the table above, ISU shall inform DNR in writing within 30 days.

Iowa Department of Natural Resources
Environmental Protection Commission

ITEM #8

DECISION

Contract with THE UNIVERSITY OF IOWA on behalf of the STATE HYGIENIC LABORATORY

Recommendation:

Commission approval is requested for a service contract with the State Hygienic Laboratory (SHL) at the University of Iowa.

Contract Terms:

Amount: Not to exceed \$542,992.00

Dates: July 1, 2025 to June 30, 2028

Funding Source(s): EPA/DNR Environmental Performance Partnership Grant (PPG); Water Pollution Control – Clean Water Act, Section 106; and Public Water System Supervision – Safe Drinking Water Act, Section 1443(a). Minimal funding is also from the state program for Storm Water Permit Fees

Statutory Authority: Iowa Code Section 455B.103(3)

Contract Background: This Contract is to provide DNR's Field Services and Compliance Bureau with laboratory services to provide valid and verifiable sample results. Scientifically sound testing results enable the DNR to accurately evaluate environmental compliance in the field. Analyses include routine and special laboratory tests for a variety of possible contaminants. SHL has the capability, capacity and protocols in place to provide sampling, analysis, and QA/QC practices that comply with EPA standards.

Contract Purpose: The parties propose to enter into this contract to retain the Contractor to provide professional independent laboratory analysis and documentation of field samples, to determine whether contaminants are present in the samples and, if they are present, to measure their concentration.

Contractor Selection Process: DNR is allowed to contract with the University of Iowa pursuant to Iowa Code section 455B.103(3).

Contract History: DNR's Field Services and Compliance Bureau has contracted for services with SHL for over 20 years. Please see the contract budget history in the table below.

Contract Timeframe	Cost per Year	Total
7/1/16-6/30/19 (SFY 17, SFY 18, SFY 19)	\$165,338 (3 years)	\$496,014.00
7/1/19-6/30/22 (SFY 20, SFY 21, SFY 22)	\$165,338 (3 years)	\$496,014.00
7/1/22-6/30/25 (SFY 23, SFY 24, SFY 25)	\$180,997 (3 years)	\$542,992.00
7/1/25-6/30/28 (SFY 26, SFY 27, SFY 28)	\$180,997 (3 years)	\$542,992.00

Christina Iiams, Management Analyst 3, Field Services & Compliance Bureau
Environmental Services Division
May 21, 2025

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

Table 1: Tasks and Milestone Dates

Obligation	Task Milestone Date (No Later Than)
<p>Task 1: Wastewater Treatment Facility Compliance Sample Collection, for each State Fiscal Year covered by this Contract Sample Code: 03WQCSI / 03WQCSI-WETT for Acute Toxicity</p> <p>Description:</p> <p>Part 1. Wastewater Treatment Facility Quarterly Sampling Schedule:</p> <ul style="list-style-type: none"> a) For each quarter during the term of this Contract, DNR Field Services and Compliance Bureau will provide to SHL a list of the following information: the facilities where sampling will occur, the location of the sampling sites, the types of samples to be collected, and the analyses required. This information will be provided to SHL approximately one month prior to the beginning of each quarter. b) Using the information provided by DNR, SHL shall develop, and provide to DNR in writing, a proposed quarterly sampling schedule. SHL shall make changes to the proposed sampling schedule at DNR's request. The final written sampling schedule shall be provided by SHL to Jason Marcel, Chief of the DNR Field Services and Compliance Bureau. The quarterly sampling schedule shall designate timelines that apply to Sample Collection, below. <p>Part 2. Wastewater Treatment Facility Sample Collection:</p> <ul style="list-style-type: none"> a) SHL, per fiscal year, shall collect a maximum of two hundred (200) 24-hour influent and effluent composite samples from no more than thirty (30) wastewater treatment facilities during compliance sampling inspections. Samples may also be collected and submitted to SHL by DNR personnel. b) SHL shall collect a maximum of three (3) Acute Toxicity composite samples, unless the DNR Contract Manager approves additional samples in writing. c) SHL shall collect time and flow-weighted composite samples during the compliance sampling, as directed by the DNR ESD Field Staff performing the inspection. SHL shall offer a split of all samples to the treatment facility. DNR estimates that approximately 50% of the requested sample analyses will include uninhibited BOD5. Twenty-four (24) hour flow measurements shall be obtained for the day of sampling. Guidance will be given by the relevant DNR Field Office on the locations for taking flow, dissolved oxygen, and other measurements. Sample collection, storage, preservation, transportation and chain-of-custody shall conform to the procedures specified in the 2017, US EPA NPDES Compliance Inspection Manual, Chapter 5, located on the US EPA website. d) SHL shall check the accuracy of installed flow measuring devices within each facility, as allowed by facility configuration and treatment plant policy. The results of this evaluation shall be noted on the sampling results sheet. e) SHL shall code samples collected for the activity as 03WQCSI or 03WQCSI-WETT for Acute Toxicity. All samples submitted to SHL by DNR or SHL staff shall be coded by the sample collector and the sample collector shall include a detailed written or photocopied list of the analyses to be performed (unless other arrangements have been made before shipment of the sample to SHL). SHL log-in procedures shall accommodate this code. <p>Part 3. Sampling Equipment Maintenance: SHL shall maintain samplers in good and reliable working condition, and may purchase miscellaneous equipment, including intake</p>	<p>Part 1. Proposed quarterly sampling schedule shall be submitted to DNR within fifteen (15) calendar days of receipt of the sampling request information from DNR, and the schedule shall become final unless DNR requests changes within 10 business days of receipt of the schedule. If DNR requests changes within 10 days of receipt of the schedule, DNR and SHL will work together to find a solution.</p> <p>Part 2. The Part 2 schedule shall be consistent with the sampling schedule developed by SHL and accepted by DNR, under Part 1, above.</p> <p>Part 3. On-going.</p>

tubing, pump tubing, intake strainers, power packs/batteries, and other associated parts necessary to maintain the sampling equipment.	
<p>Task 2: Wastewater Treatment Facility Sample Analysis and Reporting, for each State Fiscal Year covered by this Contract Sample Code: 03WQCSI / 03WQCSI-WETT for Acute Toxicity</p> <p>Description:</p> <p>Part 1. Sample analysis and reporting as directed by DNR: SHL shall analyze samples collected under Task 1, Part 2, a), and under Task 1, Part 2, b), above, for regulated pollutants, selected parameters having water quality standards, and other characteristic pollutants, as specified for each quarter.</p> <p>Part 2. SHL shall report results of the analyses of samples and flow verification (if collected) to the DNR Field Office requesting the inspection. Results shall be reported in the format agreed to by the parties. The results shall indicate if 24-hour flow or time composites were collected.</p> <p>Part 3. SHL shall provide access to a report of analytical results via the online web site as set forth in Task 9, below.</p> <p>Part 4. SHL shall provide copies of QA/QC information and Standard Operating Procedure Manuals (available from the laboratory) to DNR upon request.</p>	<p>Part 1 and 2. Analyses of samples collected shall be completed and results reported to the DNR submitter within 15 calendar days of receipt of samples unless analytical work warrants extra time. If SHL determines that extra time is needed to complete required analyses and reporting, then a written notification shall be made to the DNR submitter. The notification shall include the reason for the delay and the specific analysis or analyses to be delayed. The notification shall occur as soon as possible after the SHL has determined the need for a delay. The notification shall include a revised completion date.</p> <p>Part 3. See Task 9, below.</p> <p>Part 4. SHL shall provide information and Manuals, as requested by DNR Field Offices, within a time frame agreed upon by the DNR Field Office and SHL at the time the request is made.</p>
<p>Task 3: Analyze and Report samples collected by DNR ESD Field staff for field activities support, for each State Fiscal Year covered by this Contract Sample Code: 04WQFS</p> <p>Description:</p> <p>Part 1. SHL shall provide sample containers and ice chests for sample transport.</p> <p>Part 2. SHL shall analyze samples for any of the parameters specified in “Table 1: WQ1 – FIELD SUPPORT PARAMETERS”, below, or for other additional parameters as specified by DNR staff. The samples will be submitted by DNR ESD Field staff. These samples will be collected during compliance evaluation inspections of wastewater treatment plants and sanitary landfills, and investigations of feedlot complaints and other sources of surface water contamination not covered elsewhere in this Statement of Work.</p> <p>Part 3. SHL shall code samples collected for the activity as 04WQFS. All samples submitted to SHL by DNR ESD Field staff or SHL staff shall be coded by the sample collector and the sample collector shall include a detailed written or photocopied list of the analyses to be performed, selected from “Table 1: WQ1 – FIELD SUPPORT PARAMETERS”, below (unless other arrangements have been made before shipment of the sample to SHL). SHL log-in procedures shall accommodate this code.</p>	<p>Part 1. As requested by DNR Field Offices, and within a time frame agree upon by the DNR Field Office and SHL at the time the request is made.</p> <p>Part 2. Analyses of samples shall be completed and results reported to the submitter within 15 calendar days of receipt of samples unless analytical work warrants extra time. If SHL determines that extra time is needed to complete required analyses and reporting, then a written notification shall be made to</p>

<p>TABLE 1: WQ1 – FIELD SUPPORT PARAMETERS</p> <table> <tr> <td>BOD₅</td><td>Inhibited BOD₅</td></tr> <tr> <td>Total Suspended Solids</td><td>Ammonia Nitrogen</td></tr> <tr> <td>pH</td><td>Oil and Grease</td></tr> <tr> <td>Heavy Metals</td><td>Solids Series</td></tr> <tr> <td></td><td>Fecal Coliform/E. coli (April – October)</td></tr> <tr> <td>Organics:</td><td></td></tr> <tr> <td> Petroleum Products</td><td></td></tr> <tr> <td> Semi-Volatiles, including Pesticides</td><td></td></tr> <tr> <td> Common Herbicides</td><td></td></tr> <tr> <td> Organophosphate Insecticides</td><td></td></tr> <tr> <td> Chlorinated Hydrocarbon Insecticides/PCBs</td><td></td></tr> <tr> <td> Acid Herbicides</td><td></td></tr> <tr> <td> Polycyclic Aromatic Hydrocarbons (PAHs)</td><td></td></tr> </table> <p>Part 4. SHL shall provide access to a report of analytical results via the online web site as set forth in Task 9, below.</p> <p>Part 5. SHL shall provide copies of QA/QC information and Standard Operating Procedure Manuals (available from the laboratory) to DNR upon request.</p>	BOD ₅	Inhibited BOD ₅	Total Suspended Solids	Ammonia Nitrogen	pH	Oil and Grease	Heavy Metals	Solids Series		Fecal Coliform/E. coli (April – October)	Organics:		Petroleum Products		Semi-Volatiles, including Pesticides		Common Herbicides		Organophosphate Insecticides		Chlorinated Hydrocarbon Insecticides/PCBs		Acid Herbicides		Polycyclic Aromatic Hydrocarbons (PAHs)		<p>the DNR submitter. The notification shall include the reason for the delay and the specific analysis or analyses to be delayed. The notification shall occur as soon as possible after SHL has determined the need for a delay. The notification shall include a revised completion date.</p> <p>Part 3. On-going</p> <p>Part 4. See Task 9, below.</p> <p>Part 5. SHL shall provide information and Manuals, as requested by DNR Field Offices, within a time frame agree upon by the DNR Field Office and SHL at the time the request is made.</p>
BOD ₅	Inhibited BOD ₅																										
Total Suspended Solids	Ammonia Nitrogen																										
pH	Oil and Grease																										
Heavy Metals	Solids Series																										
	Fecal Coliform/E. coli (April – October)																										
Organics:																											
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Semi-Volatiles, including Pesticides																											
Common Herbicides																											
Organophosphate Insecticides																											
Chlorinated Hydrocarbon Insecticides/PCBs																											
Acid Herbicides																											
Polycyclic Aromatic Hydrocarbons (PAHs)																											
<p>Task 4: Analyze and report water, fish and/or waste samples collected by DNR ESD Field staff during fish kill investigations, for each State Fiscal Year covered by this Contract Sample Code: 05WQFK</p> <p>Description:</p> <p>Part 1. SHL shall provide sample containers and ice chests for sample transport.</p> <p>Part 2. SHL shall analyze water, fish and/or waste samples collected by DNR ESD Field staff during the investigation of fish kills not related to emergency response spills. The samples shall be analyzed for any of the parameters listed in the “Table 2: WQ2 – FISH KILL SAMPLES”, list below, and for any additional parameters requested by the DNR investigating personnel. SHL staff shall be available for consultation with DNR staff to determine what analyses should be performed. The analytical results shall be submitted to the DNR Field Office that investigated the fish kill.</p> <p>Part 3. SHL shall code samples collected for the activity as 05WQFK. All samples submitted to SHL by DNR ESD Field staff or SHL staff shall be coded by the sample collector and the sample collector shall include a detailed written or photocopied list of the analyses to be performed (unless other arrangements have been made before shipment of the sample to SHL). SHL log-in procedures shall accommodate this code.</p> <p>Part 4. Payments for samples analyzed for fish kill investigations shall be negotiated on a case-by-case basis by SHL and DNR, but in no event shall the cost of these negotiated fees cause the annual cumulative expenditure for Task 4 to exceed the annual contract budget for Task 4, unless the Contract Manager approves additional expenditure in writing.</p> <p>TABLE 2: WQ2 – FISH KILL SAMPLES</p> <table> <tr> <td>BOD₅</td><td>Ammonia</td></tr> <tr> <td>Total Suspended Solids</td><td>pH</td></tr> <tr> <td>Chloride</td><td>Fungicides</td></tr> <tr> <td>Heavy Metals</td><td>Pesticides</td></tr> </table>	BOD ₅	Ammonia	Total Suspended Solids	pH	Chloride	Fungicides	Heavy Metals	Pesticides	<p>Part 1. As requested by DNR Field Offices, and within a time frame agree upon by the DNR Field Office and SHL at the time the request is made.</p> <p>Part 2. Analyses of samples shall be completed and results reported to the submitter within 15 calendar days of receipt of samples unless analytical work warrants extra time. If SHL determines that extra time is needed to complete required analyses and reporting, then a written notification shall be made to the DNR submitter. The notification shall include the reason for the delay and the specific analysis or analyses to be delayed. The notification shall occur as soon as possible after SHL has determined the need for a delay. The notification shall include a revised completion date.</p> <p>Part 3 and 4. On-going.</p>																		
BOD ₅	Ammonia																										
Total Suspended Solids	pH																										
Chloride	Fungicides																										
Heavy Metals	Pesticides																										

<p>Part 5. SHL shall provide access to a report of analytical results via the online web site as set forth in Task 9, below.</p> <p>Part 6. SHL shall provide copies of QA/QC information and Standard Operating Procedure Manuals (available from the laboratory) to DNR upon request.</p>	<p>Part 5. See Task 9, below.</p> <p>Part 6. SHL shall provide information and Manuals, as requested by DNR Field Offices, within a time frame agree upon by the DNR Field Office and SHL at the time the request is made.</p>
<p>Task 5: Analyze and report water, fish, or solid samples collected by DNR ESD Field staff during emergency response investigations, for each State Fiscal Year covered by this Contract Sample Code: 07WQER</p> <p>Description:</p> <p>Part 1. SHL shall provide sample containers and ice chests for sample transport.</p> <p>Part 2. SHL shall analyze water, fish, or solid samples collected by DNR ESD Field staff during emergency response investigations. The types of analyses to be performed shall be identified by the DNR sample collector but will generally fall into any combination of three categories: industrial chemicals, such as solvents and PCBs; agricultural chemicals, including pesticides and fertilizers; and metals. SHL staff shall be available for consultation with DNR ESD Field staff regarding the analyses that will need to be performed.</p> <p>Part 3. SHL shall code samples collected for the activity as 07WQER. All samples submitted to SHL by DNR ESD Field staff or SHL staff shall be coded by the sample collector and the sample collector shall include a detailed written or photocopied list of the analyses to be performed (unless other arrangements have been made before shipment of the sample to SHL). SHL log-in procedures shall accommodate this code.</p> <p>Part 4. SHL shall provide access to a report of analytical results via the online web site as set forth in Task 9, below.</p> <p>Part 5. SHL shall provide copies of QA/QC information and Standard Operating Procedure Manuals (available from the laboratory) to DNR upon request.</p>	<p>Part 1. As requested by DNR Field Offices, and within a time frame agree upon by the DNR Field Office and SHL at the time the request is made.</p> <p>Part 2. Analyses of samples shall be completed and results reported to the DNR submitter within 15 calendar days of receipt of samples unless analytical work warrants extra time. If SHL determines that extra time is needed to complete required analyses and reporting, then a written notification shall be made to the DNR submitter. The notification shall include the reason for the delay and the specific analysis or analyses to be delayed. The notification shall occur as soon as possible after SHL has determined the need for a delay. The notification shall include a revised completion date.</p> <p>Part 3. On-going.</p> <p>Part 4. See Task 9, below.</p> <p>Part 5. SHL shall provide information and Manuals, as requested by DNR Field Offices, within a time frame agree upon by the DNR Field Office and SHL at the time the request is made.</p>

Task 6: Analyze and report samples collected by DNR ESD Field staff from storm water runoff, for each State Fiscal Year covered by this Contract Sample Code: WQSWR

Description:

Part 1. SHL shall provide sample containers and ice chests for sample transport.

Part 2. SHL shall analyze samples for any of the parameters specified in "Table 3: WQ4 – STORM WATER RUNOFF MONITORING PARAMETERS" below, or other parameters as specified by the DNR submitter. The samples will be submitted by DNR ESD Field staff. These samples will be collected during evaluations of storm water runoff from industrial activities or municipal storm sewer systems.

Part 3. SHL shall code samples collected for the activity as WQSWR. All samples submitted to SHL by DNR ESD Field staff or SHL staff shall be coded by the sample collector and the sample collector shall include a detailed written or photocopied list of the analyses to be performed (unless other arrangements have been made before shipment of the sample to SHL). SHL log-in procedures shall accommodate this code.

TABLE 3: WQ4 – STORM WATER RUNOFF MONITORING PARAMETERS

5-day Biological Oxygen	Total Magnesium
5-day Carbonaceous Oxygen Demand	Total Mercury
Ammonia – Nitrogen	Total Nickel
Total Arsenic	Nitrate+Nitrite (Total as N)
Total Barium	Oil and Grease
Bicarbonate	Total Phosphorous
Total Cadmium	Pentachlorophenol
Calcium	Potassium
Chemical Oxygen Demand	Propylene Glycol
Chloride	Total Selenium
Total Chromium	Total Silver
Total Copper	Sodium
Total Cyanide	Sulfate
Ethylene Glycol	Total Dissolved Solids
Fecal Coliform	Total Organic Carbon
Total Iron	Total Suspended Solids
Total Kjeldahl Nitrogen	Total Zinc
Total Lead	pH
Dissolved Magnesium	

Part 4. SHL shall provide access to a report of analytical results via the online data access web site as set forth in Task 9, below.

Part 5. SHL shall provide copies of QA/QC information and Standard Operating Procedure Manuals (available from the laboratory) to DNR upon request.

Part 1. As requested by DNR Field Offices, and within a time frame agree upon by the DNR Field Office and SHL at the time the request is made.

Part 2. Analyses of samples shall be completed and results reported to the submitter within 15 calendar days of receipt of samples unless analytical work warrants extra time. If SHL determines that extra time is needed to complete required analyses and reporting, then a written notification shall be made to the DNR submitter. The notification shall include the reason for the delay and the specific analysis or analyses to be delayed. The notification shall occur as soon as possible after SHL has determined the need for a delay. The notification shall include a revised completion date.

Part 3. On-going.

Part 4. See Task 9, below.

Part 5. SHL shall provide information and Manuals, as requested by DNR Field Offices, within a time frame agreed upon by the DNR Field Office and SHL at the time the request is made.

Task 7: Analyze and report samples collected by DNR ESD Field staff for water supply monitoring, for each State Fiscal Year covered by this Contract

Sample Codes: 16WSCOMP / 17WSTECH / IDNR AMMONIA

Description:

Part 1. SHL shall analyze samples of raw, intermediate, or finished water collected from public water supplies by DNR ESD Field staff, or by DNR ESD Central Office staff specifically authorized by the DNR Contract Manager to submit samples. DNR ESD Field staff will identify those analytes that are of specific interest and that shall be analyzed for each sample. In addition, SHL shall report all analytes determined by any U.S. EPA analytical drinking water method utilized for analysis of the samples.

- a) SHL shall analyze samples of raw or finished water collected from public water supplies where synthetic organic compounds (SOCs) or pesticides are suspected, have previously been detected, or if the system source has been determined vulnerable by DNR. Samples will be collected by DNR ESD Field staff, or by DNR ESD Central Office staff specifically authorized by the DNR Contract Manager to submit samples. DNR Field Office or DNR Central Office sample collectors will submit a minimum of two liters per sample. (Additionally, three 40-ml vials will be submitted if analyses of volatiles are requested).
- b) SHL shall analyze samples of raw or finished water collected from public water supplies where parameters for analysis include regulated compounds or unregulated compounds for which a health advisory, established by U.S. EPA, exists. In addition, analysis for ethylene dibromide and 1,2-dibromo-3- chloropropane may be requested by notification from Jason Marcel, Chief of the Field Services and Compliance Bureau. The fees for these two compounds shall be billed to DNR separately. Samples will be collected by DNR ESD Field staff, or by DNR ESD Central Office staff specifically authorized by the DNR Contract Manager to submit samples.
- c) SHL shall analyze samples of drinking water collected from public water systems by DNR ESD Field staff, or by DNR ESD Central Office staff specifically authorized by the DNR Contract Manager to submit samples, during the investigation by DNR of complaints by the public, not involving identified spills or aesthetic problems.
- d) SHL shall analyze drinking water samples for the parameters identified by the DNR sample collector and shall include metals, solvents, or petroleum products. Because of the possible health consequences of this contamination, the analysis shall be given highest priority among samples analyzed under this Statement of Work. Samples shall be collected by DNR ESD Field staff, or by DNR ESD Central Office staff specifically authorized by the DNR Contract Manager to submit samples.
- e) SHL shall analyze drinking water samples for parameters identified by the sample collector, to include iron, manganese, iron bacteria, or any other regulated or unregulated contaminants. Samples shall be collected by DNR ESD Field staff, or by DNR ESD Central Office staff specifically authorized by the DNR Contract Manager to submit samples.
- f) SHL shall analyze drinking water samples from public water supplies collected by DNR ESD Field staff, or by DNR ESD Central Office staff specifically authorized by the DNR Contract Manager to submit samples, during the investigation of complaints by the public regarding aesthetic problems.

Part 2. SHL shall analyze drinking water samples collected by DNR ESD Field staff through sanitary surveys, MCL investigations and technical assistance for bacterial analyses. Samples submitted to SHL shall be coded by SHL as Water Supply Support Bacteria.

Part 1 and 2. Analyses of samples shall be completed and results reported to the submitter within 15 calendar days of receipt of samples unless analytical work warrants extra time. If SHL determines that extra time is needed to complete required analyses and reporting, then a written notification shall be made to the DNR submitter. The notification shall include the reason for the delay and the specific analysis or analyses to be delayed. The notification shall occur as soon as possible after SHL has determined the need for a delay. The notification shall include a revised completion date.

Part 3. Analyses of samples shall be completed and results reported to the DNR submitter within 15 calendar days of receipt of samples unless analytical work warrants extra time. If SHL determines that extra time is needed to complete required analyses and reporting, then a written notification shall be made to the DNR submitter. The notification shall include the reason for the delay and the specific analysis or analyses to be delayed. The notification shall occur as soon as possible after SHL has determined the need for a delay. The notification shall include a revised completion date.

Part 3. Ammonia Sampling Project: SHL shall analyze a maximum of two hundred (200) drinking water samples for Ammonia, 20 drinking water samples for Nitrite, and 15 drinking water samples for TKN.

Part 4. Samples submitted to SHL shall be coded as follows: 16WSCOMP: samples used for compliance purposes. 17WSTECH: samples used for routine technical assistance to a public water supply. IDNR AMMONIA: samples taken as part of the Ammonia Project.

All samples properly identified and submitted to SHL by DNR ESD Field staff or SHL staff shall be coded to a specific monitoring activity for the Safe Drinking Water Act (SDWA) and shall include a detailed written or photocopied list of analyses. SHL log-in procedures shall accommodate this code. For those submittals not properly identified, SHL shall notify the DNR personnel who submitted the sample that the sample will be rejected.

Part 5. SHL shall perform all analyses in accordance with the applicable procedures and detection limits as specified in the Federal Register and the specific U.S. EPA method number. Quality control shall conform at a minimum to the standards listed in EPA's *"Manual for the Certification of Laboratories Analyzing Drinking Water: Criteria and Procedures Quality Assurance, Fifth Edition,"* (EPA 815-R-05-004, January, 2005), including Supplements 1 and 2, to the Fifth Edition, as appropriate (at: <https://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=30006MXP.txt>) or shall conform to alternative DNR/EPA-approved controls. SHL shall specify quantitation limits for each analyte with each analytical result.

Part 6. SHL shall enter the analytical results of all DNR drinking water supply monitoring into the State Drinking Water Information System (SDWIS) for any contaminant that has a contaminant identification number. DNR will notify SHL of additional contaminant identification numbers, and SHL shall use them.

Part 4 and 5. On-going.

Part 6. With the exception of radiological results (see below), analytical results shall be entered into SDWIS by the seventh day of the month following the month in which the samples were analyzed, except that samples received within the last week of the month that are unavailable by the seventh day of the month shall be transmitted within three working days of sample release.

If SHL determines that extra time is needed to complete required analyses and reporting, then a written notification shall be made to the DNR submitter. The notification shall include the reason for the delay and the specific analysis or analyses to be delayed. The notification shall occur as soon as possible after SHL has determined the need for a delay. The notification shall include a revised completion date.

Exception: For Radiological Results, analytical results shall be entered into SDWIS within 50 calendar days of

<p>Part 7. SHL shall provide access to a report of analytical results via the online web site as set forth in Task 9, below.</p> <p>Part 8. SHL shall provide copies of QA/QC information and Standard Operating Procedure Manuals (available from the laboratory) to DNR upon request.</p>	<p>sample receipt, or by the 10th day of the month following the end of the calendar quarter in which all of the analyses on a given sample were completed.</p> <p>Part 7. See Task 9, below.</p> <p>Part 8. SHL shall provide information and Manuals, as requested by DNR Field Offices, within a time frame agree upon by the DNR Field Office and SHL at the time the request is made.</p>
<p>Task 8: Training</p> <p>Description: SHL shall provide training for new DNR staff and shall provide refresher training for current DNR ESD field staff at the DNR's request, for each State Fiscal Year covered by this contract. Training shall address the use of proper sampling techniques and containers, holding times, use of data sheets and chain of custody forms, and any other topic which DNR Field Office personnel and/or SHL staff indicate needs to be addressed.</p>	<p>Annually or bi-annually, at the DNR's discretion.</p>
<p>Task 9: Data Transfer</p> <p>Description: SHL shall make the data generated pursuant to this Contract available to DNR electronically through the State Hygienic Laboratory OpenELIS database web portal or the subsequent replacement Laboratory Information Management System expected to be implemented after July 1, 2026. Data shall be available for download by DNR ESD Field staff in a mutually agreeable format. The available sample information shall include the STORET station identification number, which will be provided by DNR for all station locations. Data shall be retrievable via the web portal by DNR ESD Field staff.</p> <p>Analytical reports may be retrieved electronically by DNR ESD Field staff having the appropriate authorization. SHL shall assist DNR ESD Field staff in obtaining appropriate authorization when requested.</p> <p>When accessing electronic data, the following information is required:</p> <ul style="list-style-type: none"> • SHL OpenELIS/Telcor Organization ID number (as provided by SHL: 3052) • SHL Project Code(as provided by SHL: 03WQCSI, 03WQCSI-WETT, 04WQFS, 05WQFK, 07WQER, WQSWR, 16WSCOMP, 17WSTECH, and IDNR AMMONIA) 	<p>SHL shall make completed data and results available to DNR via the SHL OpenELIS web portal, or a subsequent replacement, not later than 15 calendar days after the end of each month.</p> <p>If SHL determines that extra time for analysis should be allowed in specific cases, then a written notification shall be made to the DNR Project Manager, stating that analytical results from a sample will be delayed and the reasons for the delay. This notification shall occur as soon as possible but not later than 15 days following receipt of the sample.</p>

Table 2: Contract Budget

Task*	Total Amount of compensation allotted to Task** (Variable Payment)
Task 1: Wastewater treatment facility compliance sampling inspections (CSI's), sample collection Sample Code(s): 03WQCSI and 03WQCSI-WETT	Maximum of 30 CSI sample collections per state fiscal year: SFY 26: \$1,585 per CSI SFY 27: \$1,680 per CSI SFY 28: \$1,780 per CSI Including a maximum of \$1,500 per state fiscal year for sampling equipment maintenance: SFY 2026: \$49,050 SFY 2027: \$51,900 SFY 2028: \$54,900 Three-Year Contract Maximum: \$155,850
Task 2: Wastewater treatment facility compliance sampling inspections (CSI's), sample analysis and reporting Sample Code(s): 03WQCSI and 03WQCSI-WETT	Maximum per state fiscal year: SFY 2026: \$25,500 SFY 2027: \$23,950 SFY 2028: \$22,700 Three-Year Contract Maximum: \$72,150
Task 3: Analyze and Report samples collected by the DNR ESD Field staff for field activities support Sample Code: 04WQFS	Maximum per state fiscal year: SFY 2026: \$52,550 SFY 2027: \$51,250 SFY 2028: \$49,500 Three-Year Contract Maximum: \$153,300
Task 4: Analyze and report water, fish and/or waste samples collected by DNR ESD Field staff during fish kill investigations Sample Code: 05WQFK	Maximum per state fiscal year: SFY 2026: \$5,025 SFY 2027: \$5,025 SFY 2028: \$5,025 Three-Year Contract Maximum: \$15,075
Task 5: Analyze and report water, fish, or solid samples collected by DNR ESD Field staff during emergency response investigations Sample Code: 07WQER	Maximum per state fiscal year: SFY 2026: \$12,975 SFY 2027: \$12,975 SFY 2028: \$12,975 Three-Year Contract Maximum: \$38,925
Task 6: Analyze and report samples collected by DNR ESD field staff from storm water runoff Sample Code: WQSWR	Maximum per state fiscal year: SFY 2026: \$5,000 SFY 2027: \$5,000 SFY 2028: \$5,000 Three-Year Contract Maximum: \$15,000
Task 7: Analyze and report samples collected by DNR ESD field staff for water supply monitoring Sample Codes: 16WSCOMP, 17WSTECH, and IDNR AMMONIA	Bacteria (16WSCOMP or 17WSTECH). Maximum per state fiscal year: SFY 2026: \$1,350 SFY 2027: \$1,350 SFY 2028: \$1,350 Three-Year Contract Maximum: \$4,050 <hr/> Compliance (16WSCOMP): Maximum per state fiscal year: SFY 2026: \$6,250 SFY 2027: \$6,250 SFY 2028: \$6,250 Three-Year Contract Maximum: \$18,750

	Routine Technical Assistance (17WSTECH): Maximum per state fiscal year: SFY 2026: \$4,890 SFY 2027: \$4,890 SFY 2028: \$4,890 Three-Year Contract Maximum: \$14,670 <hr/> Ammonia Sampling Technical Assistance Project (IDNR AMMONIA): Maximum per state fiscal year: SFY 2026: \$5,000 SFY 2027: \$5,000 SFY 2028: \$5,000 Three-Year Contract Maximum: \$15,000 <hr/> Task 7 Maximum per SFY: SFY 2026: \$17,490 SFY 2027: \$17,490 SFY 2028: \$17,490 Task 7 Contract Maximum: \$52,470
Task 8: Training	No Charge
Task 9: Data Transfer	No Charge
Sub-totals Tasks 1-9	Maximum per state fiscal year: SFY 2026: \$167,590 SFY 2027: \$167,590 SFY 2028: \$167,590
Facilities and Administrative Costs @ 8%	Maximum per state fiscal year: SFY 2026: \$13,407.20 SFY 2027: \$13,407.20 SFY 2028: \$13,407.20
Total	Not to exceed State Fiscal Year Budgets: SFY 2026: \$180,997.20 SFY 2027: \$180,997.20 SFY 2028: \$180,997.20 <hr/> Not to Exceed Contract Grand Total: \$542,992

*Payment for completion of Tasks where specific payment is allotted shall be dependent upon the timely completion of corresponding items required by Tasks where no specific payment is allotted.

**Payment also shall conform to any pricing Tables contained in this Contract and referenced in the Budget Table above; or to the relevant SHL Pricing Table. Tables contained in this Contract shall take precedence, in the event of any inconsistency.

*** "Variable payment" shall mean that the number of specific analyses per Task may vary, and the Contractor shall be paid only for the number of specific analyses performed per Task. "Fixed payment" shall mean that the Contractor shall be paid an amount that is fixed in the Contract, with no variations based on analyses per Task actually performed.

Iowa Department of Natural Resources
Environmental Protection Commission

ITEM #9

DECISION

Contract with THE UNIVERSITY OF TEXAS at DALLAS (UT Dallas)

Recommendation:

Commission approval is requested for a service contract with the University of Texas at Dallas (UT Dallas).

Contract Terms:

Amount: Not to exceed \$80,000 (\$40,000 per year)

Dates: July 1, 2025 to June 30, 2027

Funding Source(s): 100% - Field Services Bureau Management General Fund, cost center 7490

Statutory Authority: Iowa Code section 455A.4(6)

Contract Background: The Emergency Planning and Community Right-to-Know Act (EPCRA), section 312, requires facilities to submit information about the types and locations of hazardous chemicals over certain quantities. The DNR utilizes the section 312 (Tier II) data for planning and response during disasters, and makes the information available to emergency planners and first responders.

UT Dallas partnered with the U.S. EPA and U.S. Department of Homeland Security to research and develop the E-Plan system. The highly secure E-Plan program for hazmat responders runs on the internet 24/7/365 so that Tier II data will be instantly available when needed by state and local first responders. E-Plan is available only through UT Dallas. E-Plan is known nationally and meets the needs for first responders and local emergency planners. There are currently 11 states and 9 counties that use E-Plan.

Contract Purpose: The parties propose to enter into this Contract to retain the Contractor to provide E-Plan access and support to more than 4,600 Tier II facilities and 240 emergency planners and first responders in Iowa who currently use the E-Plan program.

Contractor Selection Process: Intergovernmental contracting is authorized by 11 IAC 118.4. UT Dallas was chosen for this project because E-Plan was originally developed under a federal EPA grant and is available only through UT Dallas.

Contract History: DNR has contracted with UT Dallas since 2019 for its E-plan services. The services delivered under the Contract have not changed. Previous contracts with UT Dallas included a trial period cost rate to accommodate preliminary testing and configurations. Entering into this Contract is significantly less than the cost it would take for DNR to develop its own custom software.

Christina liams, Management Analyst 3, Field Services & Compliance Bureau
Environmental Services Division
May 21, 2025

5.1 Statement of Work. Contractor shall perform the following Tasks by the Task Milestone Dates set out in the following table:

Obligation	Task Milestone Date
Task 1: E-Plan Services Description: The scope of E-Plan services shall include: <ol style="list-style-type: none"> E-Plan shall support facilities in Iowa to file their EPCRA sections 312 (Tier II), 302, and 311 directly into the E-Plan online reporting system (website: https://tier2.erplan.net). E-Plan shall provide a 24/7 online request tracking system, and online webinars for Tier II filers in January and February of each year. E-Plan shall offer service support for the current and new first responders in Iowa who would use E-Plan for planning and response purposes (website: https://erplan.net). These services shall be provided for the current Tier II facilities and first responders in Iowa, and any additional Tier II facilities and emergency planners and first responders in Iowa. 	July 1, 2025 to June 30, 2027

7.1 Budget and Submission of Invoices. The budget for this Contract and the submission of invoices shall be as stated in the table below:

Task Milestone Date	Amount of Compensation Allotted to Task	Invoice Due No Later Than
Task 1: E-Plan Services SFY26 (July 1, 2025 to June 30, 2026)	Not to exceed \$40,000	July 1, 2025 Payment Terms: 60 days
Task 1: E-Plan Services SFY27 (July 1, 2026 to June 30, 2027)	Not to exceed \$40,000	July 1, 2026 Payment Terms: 60 days
Total	Not to exceed \$80,000.00	



When Seconds Count—Planning Pays Off

Iowa's Planners and First Responders Get Vital Information From E-Plan

When disaster hits, emergency managers have seconds to act.

In the past, first responders could arrive at the scene not knowing the chemical hazard they faced. Sometimes they had to get someone out of bed and wait for them to run to the office and retrieve the information.

With [E-Plan](#), HAZMAT (hazardous materials) teams, fire departments, police and emergency managers rush to respond—retrieving chemical inventories on the way. By the time they arrive, they know what products are onsite and where they are stored.

Overview

E-Plan provides online access to chemical inventories. The instant access protects the response team as they choose the gear and response they need. And, it protects the community.

Most of the time, local response agencies use E-Plan to prepare for events they hope will never happen. Planning ensures communities have the specific resources and training they need. Local emergency planning committees (LEPCs) use annual chemical inventory reports on the storage, use and releases of hazardous substances. Reporting is required under the federal Emergency Planning and Community Right-to-Know Act ([EPCRA](#)).

Why E-Plan is Essential

- Provides vital information for first responders
- Saves time. Saves lives.
- Always available—in seconds, 24/7
- Replaces thousands of paper records
- Essential for planning
- Ensures availability of proper equipment and training
- Helps determine adjacent vulnerable populations, e.g., schools
- Identifies physical and health hazards
- Efficient and cost-saving for 4,600 companies to report



First responders use E-Plan, an online system, to figure out how to respond to a hazardous (Tier II) chemical release.

When a company has hazardous chemicals, the owner or operator must collect [information](#) and submit a Tier II report with specific information about each chemical. Reporting is required for smaller amounts of extremely hazardous chemicals, such as ammonia. There are some exemptions such as food or food additives.

"The E-Plan system is more convenient and easy to use compared to the previous method of filing."

—Mona Bond, facility submitter

E-Plan is a fast, accurate and convenient way to organize the annual reports required by state, federal and local governments. Chemical lists are available—at your fingertips—24/7 for first responders. E-Plan replaces piles of paper which previously had to be scanned and saved.

"The time savings are not insignificant. And, I suspect there are fewer errors...such as mailing them to the wrong county. The savings in paper, ink, envelopes and postage...must be huge as well."

—Penny Vossler, Boone County GIS coordinator

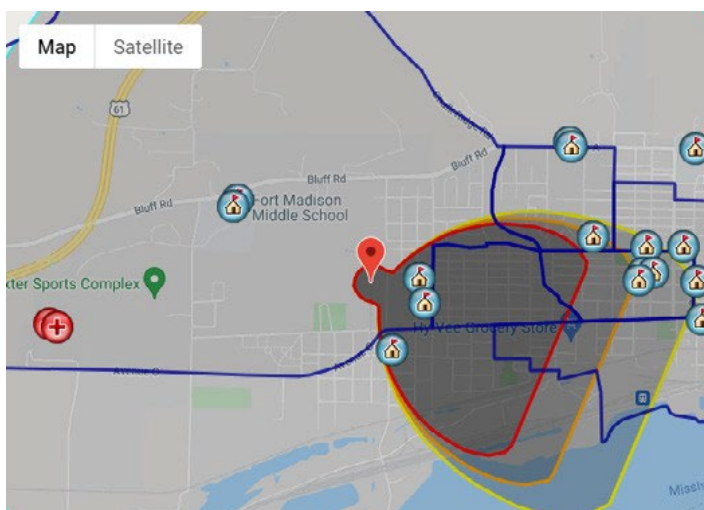
Emergency Response

In addition to Tier II data, E-Plan instantly makes available other important information, such as:

- Maps of the area surrounding a fixed facility showing schools and hospitals
- Facility Emergency Response Plans including diagrams and floor plans
- Safety Data Sheets for thousands of chemicals
- Emergency Response Guidebook pages
- National Fire Protection Association codes.

“Another feature I really like is the ability to demonstrate the ‘Plume’ scenarios. This will be the highlight of our first LEPC discussion, and this demonstration and discussion will develop into an actual tabletop exercise.”

—Brian Hall,
Emergency Management Coordinator,
Louisa County



E-Plan creates maps of the spill site, including the locations of hospitals and schools where vulnerable populations may need to be evacuated. The maps incorporate wind speed and direction to show three plumes—from the likely most contaminated area to the least.

Reporting

Approximately 4,600 Iowa businesses have been using E-Plan since 2019. While there's a mix of companies including petroleum, chemical and manufacturing facilities, the most hazardous chemicals come from the agricultural, water and wastewater, and telecommunications sectors.

Companies with Extremely Hazardous Substances

Company Type	Number of Companies	Top Three Extremely Hazardous Substances
Ag Co-ops	919	Ammonia
Drinking water and wastewater treatment plants	153	Chlorine
Manufacturing companies	> 2500	May have sulfuric acid in forklifts
Telecommunications, power companies and windfarms	854	Sulfuric Acid
Petroleum and Chemical	100	Varies

E-Plan has been a welcomed improvement—allowing companies to submit an electronic form to one website instead of mailing paper forms and Tier II HAZMAT sheets to DNR and multiple counties.

After two years, companies found using E-Plan was efficient, saving staff time and effort. One feature they really like is being able to replicate the previous year's submission and make minor changes at that time.

The DNR is providing E-Plan to these companies free-of-charge. However, DNR absorbs the administrative costs and annual costs of using E-Plan software.

“This program has also allowed better access to important information needed by Local Emergency Planning Committees and HAZMAT Teams.

—Doug Bahr, Cargill, EHS Professional

Resources

For more information, check DNR's Emergency Planning and Community Right-to-Know Act webpage ([EPCRA](#)). Or, find information about [E-Plan](#).



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

#10

Decision Item

Commission approval is requested for a contract with Windsor Solutions, Inc., of Tigard, Oregon.

Contract Terms:

Amount: Not to exceed \$301,500

Dates: July 1, 2025 to June 30, 2031.

Funding Source(s): Air contaminant funds (50%) and state & federal funds (50%)

Contract Background: SLEIS is an emissions inventory database that meets the requirements of EPA's Emissions Inventory System and improves the accuracy of facility equipment information and emissions data submitted to EPA. An emissions inventory is a listing, by source, of the amounts of pollutants actually emitted over a period of time. The emissions inventory data collected by DNR is used to identify emission levels and trends, track Iowa's progress towards meeting national air quality standards, and develop control and maintenance strategies required by the federal Clean Air Act.

SLEIS was developed under an EPA Challenge Grant by Windsor Solutions and a consortium of six state and municipal air quality programs. SLEIS is now used by 18 state and local air programs. The DNR applied for and received a federal fiscal year 2013 Exchange Network Grant to implement SLEIS. DNR contracted with Windsor Solutions beginning in 2014 to install, configure, support, and license SLEIS. A list of SLEIS enhancements was created based on DNR and industry testing and prioritized based on the enhancement's ability to meet stakeholder and DNR needs with respect to reporting emissions data. These enhancements were placed into production in SLEIS in October 2016. The enhancement work benefited industry and their consultants, other SLEIS-using agencies, DNR staff, and EPA by allowing for: 1) improved quality of required data elements; 2) a reduction in data entry time for stakeholders and DNR staff; 3) facilitation of easier searching of air pollutants and emissions data; and 4) enhancement of readability of emissions reports.

Going forward, DNR will continue to ensure that SLEIS provides up to date services for our customers. One upcoming goal for Windsor Solutions under this license agreement is to ensure a successful transmission of emissions data to EPA's Emissions Inventory System as required by EPA's Air Emissions Reporting Requirement (AERR).

Contract Purpose: The purpose of this contract is to provide for licensing, general updates and support, troubleshooting, and possible additional enhancements to SLEIS. This proposed contract would provide DNR with a six-year license of the SLEIS database along with 60 hours of labor support each year. Additionally, Windsor Solutions may provide periodic updates and or major extensions of the licensed software. DNR will have the option to accept these updates at its discretion.

Selection Process Summary:

The Contractor is a sole source provider according to the provisions of 11 Iowa Administrative Code sections 117.5(5) and 118.7. Windsor Solutions developed SLEIS, and therefore owns the SLEIS code with the consortium states. The DNR must enter into a license agreement with Windsor in order to receive updates to the SLEIS software and maintain and troubleshoot the system.

Contract History:

DNR has entered into the initial contracts with Windsor Solutions starting in 2014 and entered into a contract for enhancements in 2015-2016. Since 2017, DNR entered into ongoing sole source contracts for licensing, maintenance, updates, and technical support. DNR entered into a multiyear contract in 2019. The three prior contracts are listed below.

- Timeframe: July 16, 2019 to June 30, 2025
- Amount \$240,000 (\$40,000/year)
- Purpose: Ongoing licensing, maintenance, updates, and technical support for SLEIS
- Amendment(s): None

- Timeframe: June 20, 2018 to June 19, 2019
- Amount \$40,000
- Purpose: Ongoing licensing, maintenance, updates, and technical support for SLEIS
- Amendment(s): None

- Timeframe: June 20, 2017 to June 19, 2018
- Amount \$40,000
- Purpose: Ongoing licensing, maintenance, updates, and technical support for SLEIS
- Amendment(s): None

Wendy Walker, Environmental Specialist Senior, Air Quality Bureau
Environmental Services Division
May 21, 2025

ATTACHMENT A: STATEMENT OF WORK

5.1 Statement of Work. Contractor shall perform the following Tasks by the Task Milestone Dates set out in the following table:

Deliverables	Task Milestone Date
Task 1: Software Licensing Description: Windsor shall continue to grant to DNR a perpetual, non-exclusive, limited license to use the Software described in this Contract. The perpetual license shall include any software updates released during the term of this Contract. DNR may make one additional copy of the Software for testing, backup and archival purposes.	Current software updates that are not already installed into DNR's computing environment shall be installed by no later than the following dates: <ul style="list-style-type: none">• June 30, 2026;• June 30, 2027;• June 30, 2028;• June 30, 2029;• June 30, 2030; and• June 30, 2031.
Task 2: Software Updates Description: Windsor shall provide periodic updates to the DNR's licensed SLEIS Software implementation as updates become available. Windsor shall notify the DNR not less than five (5) business days before availability of a new version of the Software. The DNR may accept updates at its discretion. Windsor may require the SLEIS Software to be updated in order to continue to provide support.	This obligation shall occur at least annually throughout the term of this Contract.
Task 3: Technical Support Description: Windsor shall provide up to 60 hours of technical support to DNR annually for the Contract term. The technical support shall include, but not be limited to, the following purposes: <ul style="list-style-type: none">a. Assisting DNR with successful deployment of the Software and previously developed enhancements; andb. Troubleshooting general problems; andc. Developing and implementing enhancements related to the National Emissions Inventory submittal to EPA's EIS Gateway; andd. Providing support for other general troubleshooting problems.	This obligation shall occur throughout the term of this Contract, according to the following schedule: <ul style="list-style-type: none">• Up to 60 hours from July 1, 2025 – June 30, 2026;• Up to 60 hours from July 1, 2026 – June 30, 2027;• Up to 60 hours from July 1, 2027 – June 30, 2028;• Up to 60 hours from July 1, 2028 – June 30, 2029;• Up to 60 hours from July 1, 2029 – June 30, 2030; and• Up to 60 hours from July 1, 2030 – June 30, 2031.
Task 4: Source Code Escrow Description: Windsor shall place into escrow the source code for updates that are released during the term of this Contract, in accordance with provisions of section 13 of this Contract.	Within six (6) months after the first commercial shipment of each such release.

ATTACHMENT B: BUDGET

The budget for this Contract per State Fiscal Year (July 1 through June 30) shall be as stated in the Table below. The total budget for the six-year term of this Contract shall be \$301,500.

Task	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Task 1: Software Licensing	\$35,500	\$36,250	\$37,000	\$38,000	\$39,000	\$40,000
Task 2: Software Updates No separate amount	n/a	n/a	n/a	n/a	n/a	n/a
Task 3: Technical Support	\$12,000	\$12,250	\$12,500	\$12,750	\$13,000	\$13,250
Total Not to Exceed	\$47,500	\$48,500	\$49,500	\$50,750	\$52,000	\$53,250

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

ITEM #11

DECISION

Contract with THE UNIVERSITY OF IOWA

Recommendation:

Commission approval is requested for a service contract with the State Hygienic Laboratory (SHL) at the University of Iowa.

Contract Terms:

Amount: Not to exceed \$267,980.40

Dates: July 1, 2025 to December 31, 2025 (6 months)

Funding Source(s): Environment First Funding (HB8A)

Statutory Authority: Iowa Code section 455B.103

Contract Background: The Clean Water Act requires states to monitor their waters to determine the status and trends in water quality. The data from this program are used to determine general trends in larger river systems in the state, potential impairments, and to provide information to decision makers regarding the effectiveness of water pollution prevention programs. The DNR has been contracting with SHL for over two decades to collect water samples at streams across the State of Iowa and to test those water samples for general chemistry and other compounds. The results are used for water quality assessments and in support of water quality standard development. The data are placed into a publicly available database and are used by a wide variety of stakeholders including water quality programs, and for scientific research and general education.

Contract Purpose: The parties propose to enter into this Contract to retain the Contractor to assist the DNR in the sampling and analysis of the State of Iowa's Ambient Stream Monitoring Network.

Contractor Selection Process:

DNR is allowed to contract with the University of Iowa pursuant to Iowa Code section 455B.103(3).

Contract History:

The FY2021-FY2025 contracts were 12-month fiscal year contracts (July-June). This contract is a 6-month contract (July-December). Beginning in January 2026, this program will switch to 12-month calendar year contracts (January – December).

FY2025 Ambient Stream Monitoring, Collection, and Analysis (Ambient) Contract was \$777,081.60

FY2024 Ambient Contract was \$652,380.48

FY2023 Ambient Contract was \$911,366.64

FY2022 Ambient Contract was \$948,389.04

FY2021 Ambient Contract was \$493,765.20

Ken Krier, Environmental Specialist Senior, Water Quality Monitoring and Assessment Section
Water Quality Bureau
Environmental Services Division
May 21, 2025

Attachments

Table 1: FY26 (6 month) Ambient Stream Monitoring, Collection, and Analysis Contract Cost Breakdown by Task.

Task:	Total Task Compensation:
Task 1: Monthly Ambient Stream Sample Collection	Not to exceed \$91,440.00 at the sampling fee of \$254.00 per sample for the sample locations listed in Table 2.
Task 2: Monthly Ambient Stream Sample Analyses	Not to exceed \$154,290.00 (Table 3)
Task 3: Equipment Purchase/Repair	Not to exceed \$2,000.00
Task 4: Shipping Samples	Not to exceed \$400.00
Task 5: QA/QC Procedures	NA
Task 6: Data Transfer	NA
Sub-total	\$248,130.00
Indirect Costs @ 8%	\$19,850.40
Total	\$267,980.40

Attachments

Table 2: FY26 (6 month) Ambient Stream Monitoring, Collection, and Analysis Contract (26-ESD-WQB-Kkrie-0002) Site List.

AQuIA ID	Site Name	County	Latitude	Longitude
10770001	Beaver Creek at Johnston	Polk	-93.7355	41.6883
10070001	Beaver Creek near Cedar Falls	Black Hawk	-92.5067	42.5735
10070004	Black Hawk Creek at Waterloo	Black Hawk	-92.4136	42.4695
10220003	Bloody Run Creek near Marquette	Clayton	-91.2081	43.0415
10400001	Boone River near Stratford	Hamilton	-93.8925	42.3412
10430001	Boyer River near Missouri Valley	Harrison	-95.8452	41.5731
10630002	Cedar Creek near Bussey	Marion	-92.9079	41.2191
10440001	Cedar Creek near Oakland Mills	Henry	-91.6737	40.9254
10090001	Cedar River at Janesville	Bremer	-92.4666	42.6496
10340001	Cedar River at Midway	Floyd	-92.6024	43.0089
10570001	Cedar River near Cedar Rapids	Linn	-91.5506	41.9257
10700001	Cedar River near Conesville	Muscatine	-91.2902	41.4094
10040002	Chariton River near Rathbun	Appanoose	-92.8829	40.8107
10890001	Des Moines River at Keosauqua	Van Buren	-91.9606	40.7282
10550001	East Fork Des Moines River near St. Joseph	Kossuth	-94.2334	42.9514
10360001	East Nishnabotna River near Shenandoah	Page	-95.3849	40.7857
10730002	East Nodaway River near Clarinda	Page	-94.9797	40.7274
10920001	English River at Riverside	Washington	-91.5804	41.4755
10750001	Floyd River near James	Plymouth	-96.3123	42.5764
10500001	Indian Creek near Mingo	Jasper	-93.2261	41.7462
10580003	Iowa River at Wapello	Louisa	-91.1821	41.1803
10420001	Iowa River near Gifford	Hardin	-93.0757	42.3102
10580002	Iowa River near Lone Tree	Louisa	-91.4791	41.4239
10640002	Iowa River near Marshalltown	Marshall	-92.8466	42.0508
10180001	Little Sioux River near Larrabee	Cherokee	-95.4636	42.8647
10300001	Little Sioux River near Milford	Dickinson	-95.1813	43.3189
10970001	Little Sioux River near Smithland	Woodbury	-95.8939	42.2672
10670003	Little Sioux River near Turin	Monona	-95.9729	41.9651
10670002	Maple River at Mapleton	Monona	-95.7961	42.1714
10490004	Maquoketa River near Maquoketa	Jackson	-90.6954	42.0707
10490005	Maquoketa River near Spragueville	Jackson	-90.5178	42.1014
10910001	Middle River near Indianola	Warren	-93.5873	41.4247
10670001	Monona-Harrison Ditch near Turin	Monona	-95.9922	41.9650
10360003	Nishnabotna River at Hamburg	Fremont	-95.6456	40.6017
10490001	North Fork Maquoketa River near Hurstville	Jackson	-90.6721	42.0902
10810001	North Raccoon River near Lake View	Sac	-94.9857	42.3400
14000359	North River near Norwalk (Hwy 28)	Warren	-93.6842	41.4499
10540001	North Skunk River near Hayesville	Keokuk	-92.2574	41.2838
10520001	Old Mans Creek near Iowa City	Johnson	-91.6156	41.6065
10840001	Rock River near Hawarden	Sioux	-96.4451	43.0839
10120001	Shell Rock River at Shell Rock	Butler	-92.5814	42.7115
10560002	Skunk River at Augusta	Lee	-91.2756	40.7534
10430002	Soldier River at Pisgah	Harrison	-95.9316	41.8306
10250001	South Raccoon River near Redfield	Dallas	-94.1829	41.5797

Attachments

AQuIA ID	Site Name	County	Latitude	Longitude
10910003	South River near Ackworth	Warren	-93.4307	41.3723
10850002	South Skunk River near Cambridge	Story	-93.5510	41.9504
10620001	South Skunk River near Oskaloosa	Mahaska	-92.6571	41.3553
10270001	Thompson Fork - Grand River at Davis City	Decatur	-93.8079	40.6407
10220001	Turkey River at Garber	Clayton	-91.2620	42.7395
10030001	Upper Iowa River near Dorchester	Allamakee	-91.5089	43.4215
10220002	Volga River near Elkport	Clayton	-91.2768	42.7497
10820001	Wapsipinicon River near De Witt	Scott	-90.5349	41.7665
10100001	Wapsipinicon River near Otterville	Buchanan	-91.9740	42.5122
10070003	West Fork Cedar River at Finchford	Black Hawk	-92.5437	42.6290
10460001	West Fork Des Moines River near Humboldt	Humboldt	-94.2073	42.6747
10650001	West Nishnabotna River near Malvern	Mills	-95.5279	40.9873
10730001	West Nodaway River at Shambaugh	Page	-95.0283	40.6593
10630003	Whitebreast Creek near Melcher-Dallas	Marion	-93.2901	41.2467
10070002	Wolf Creek at La Porte City	Black Hawk	-92.1938	42.3157
10030002	Yellow River at Ion	Allamakee	-91.2649	43.1118

Table 3. Water quality analysis fee breakdown for Task 2 – Monthly Ambient Parameters.

Parameter	Sampling Frequency	# of Samples	Analysis Fee	Total Analysis Fee
Ammonia Nitrogen as N	Monthly	360	\$17.00	\$6,120.00
BOD, Carbonaceous 5 Day	Monthly	360	\$42.50	\$15,300.00
Chloride	Monthly	360	\$17.00	\$6,120.00
Chlorophyll <i>a</i> , pheophytin free	Monthly	360	\$49.00	\$17,640.00
Dissolved Organic Carbon	Monthly	360	\$42.50	\$15,300.00
Dissolved Organic Carbon	Monthly	360	\$16.00	\$5,760.00
<i>E. coli</i> in water (55 sites)	Monthly	330	\$21.00	\$6,930.00
Field Dissolved Oxygen	Monthly	360	\$8.50	\$3,060.00
Field pH	Monthly	360	\$8.50	\$3,060.00
Field Stream Flow (1 site)	Monthly	6	\$20.00	\$120.00
Field Temperature	Monthly	360	\$8.50	\$3,060.00
Nitrite + Nitrate as N	Monthly	360	\$17.00	\$6,120.00
Orthophosphate as P	Monthly	360	\$22.00	\$7,920.00
Sulfate	Monthly	360	\$17.00	\$6,120.00
Total Dissolved Solids	Monthly	360	\$17.00	\$6,120.00
Total Hardness as CaCO ₃	Monthly	360	\$17.00	\$6,120.00
Total Kjeldahl Nitrogen	Monthly	360	\$42.50	\$15,300.00
Total Phosphorus as P	Monthly	360	\$17.00	\$6,120.00
Total Suspended Solids	Monthly	360	\$17.00	\$6,120.00
Total Volatile Suspended Solids	Monthly	360	\$17.00	\$6,120.00
Turbidity	Monthly	360	\$16.00	\$5,760.00
Overall Analysis Fee				\$154,290.00

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

ITEM

#12

DECISION

Contract with THE UNIVERSITY OF IOWA

Recommendation:

Commission approval is requested for a service contract with the State Hygienic Laboratory (SHL) at the University of Iowa.

Contract Terms:

Amount: Not to exceed \$577,215.18

Dates: July 1, 2025 to June 30, 2026

Funding Source(s): HB8A Environment First Funding

Statutory Authority: Iowa Code section 455B.103(3)

Contract Background: The Clean Water Act requires states to monitor and report on the condition of the waters of the state. This Contract is a continuation of DNR's long-standing partnership with SHL to collect and analyze samples from Iowa's streams and rivers. Since 1994, the DNR has conducted biological assessments of Iowa streams to determine the ecological status and health of these waterbodies. The protocol primarily consists of sampling water quality, fish, benthic macroinvertebrates, and physical habitat during the summer low-flow index period (July through October).

Contract Purpose: The parties propose to enter into this Contract to retain the Contractor to provide sampling and analytical services for the ambient biological monitoring and assessment program.

Contractor Selection Process:

SHL was chosen for this project because of its ability to provide the necessary services. The authority to enter into this Contract is found in Iowa Code section 455B.103(3).

Contract History:

The FY25 Ambient Stream Biological Monitoring and Laboratory Services (AMBIO) Contract was \$576,630.90.

The FY24 AMBIO Contract was \$633,121.38.

The FY23 AMBIO Contract was \$612,908.64.

The FY22 AMBIO Contract was \$701,732.16.

The FY21 AMBIO Contract was \$714,975.12.

Ken Krier, Environmental Specialist Senior, Water Quality Monitoring and Assessment Section
Water Quality Bureau
Environmental Services Division
May 21, 2025

Attachments

Table 1: FY26 Ambient Biological Monitoring and Laboratory Services Contract Cost Breakdown by Task.

Task Description	Number of sites	Sample Collection Cost Total	Biological Analysis Cost	Water Quality Analysis Cost	Continuous Monitoring Equipment Maintenance	Total Cost
Task 1: Wadeable Stream Reference Sites	24	\$101,760.00	\$25,464.00	\$11,244.00		\$138,468.00
Task 2: Coldwater Stream Reference Sites	3	\$12,720.00	\$3,183.00	\$1,405.50		\$17,308.50
Task 3: Biological Trend Sites	9	\$38,160.00	\$9,549.00	\$4,216.50	\$37,260.00	\$89,185.50
Task 4: Ambient WQ Sites	15	\$15,000.00	\$24,585.00	\$0.00		\$39,585.00
Task 5: Follow-up Biological Sites	15	\$61,530.00	\$14,854.00	\$7,027.50		\$83,411.50
Task 6: Aquatic Life Use Attainability Assessment Sites	40	\$2,500.00				\$100,000.00
Task 7: Supplemental Monitoring						\$30,000.00
Task 8: Site Reconnaissance and Landowner Contacts						\$10,000.00
Task 9: Equipment Purchase/Replacement/Repair						\$25,000.00
Task 10: Shipping Samples						\$1,500.00
Task 11: Data Transfer						\$0.00
Sub-total						\$534,458.50
Indirect Costs (8%)						\$42,756.68
Total						\$577,215.18

Table 2: FY26 Ambient Biological Monitoring and Laboratory Services Contract Water Quality Fee Breakdown.

Test Name	Fee / Test	# Tests	Total Fee / Test
Ammonia Nitrogen as N	\$17.00	51	\$867.00
BOD, Carbonaceous 5 Day	\$42.50	51	\$2,167.50
Chloride	\$17.00	51	\$867.00
Chlorophyll <i>a</i> Analysis in Coarse Substrate	\$49.00	51	\$2,499.00
Chlorophyll <i>a</i> Analysis in Fine Substrate	\$49.00	51	\$2,499.00
Chlorophyll <i>a</i> Analysis of Water	\$49.00	51	\$2,499.00
Field Dissolved Oxygen	\$8.50	51	\$433.50
Field pH	\$8.50	51	\$433.50
Field Stream Flow	\$20.00	51	\$1,020.00
Field Temperature	\$8.50	51	\$433.50
Nitrite + Nitrate as N	\$17.00	51	\$867.00
Orthophosphate as P	\$22.00	51	\$1,122.00
Sulfate	\$17.00	51	\$867.00
Total Dissolved Solids	\$17.00	51	\$867.00
Total Hardness as CaCO ₃	\$17.00	51	\$867.00
Total Kjeldahl Nitrogen	\$42.50	51	\$2,167.50
Total Phosphorus as P	\$17.00	51	\$867.00
Total Suspended Solids	\$17.00	51	\$867.00
Total Volatile Suspended Solids	\$17.00	51	\$867.00
Turbidity	\$16.00	51	\$816.00
Totals	\$468.50	51	\$23,893.50

Iowa Department of Natural Resources
Environmental Protection Commission

#13

Decision Item

Contract with Iowa Department of Agriculture and Land Stewardship (IDALS) – For Trout Run/Siewers Spring Watershed Project

Commission approval is requested for a contract with IDALS, of Des Moines, Iowa.

Contract Terms:

Amount: Not to exceed \$254,000

Dates: June 1, 2025 to May 31, 2028

DNR shall have the option to extend this Contract for up to six years from the beginning date of the original contract by executing a signed amendment prior to the expiration of this Contract.

Funding Source(s): U.S. EPA Clean Water Act Section 319 grant to DNR (Grant Number 00740431)

Statutory Authority: Funds are administered by DNR under statutory authority granted by Iowa Code section 455B.103.

Contract Background:

Trout Run is a Class B Coldwater trout stream that flows through the driftless region of northeast Iowa. Trout Run is one of Iowa's premier natural trout fisheries. Trout Run's 22,253 acre surface watershed is highly connected with groundwater through karst features such as sinkholes, losing stream segments, and springs throughout the watershed. Iowa's second largest spring, Siewers Spring, is located within the Trout Run watershed and is an important community resource. Siewers Spring supplies water for the Trout Run fishery and is the source of the water for the Chuck Gipp Decorah Fish Hatchery, which raises 150,000 trout for stocking into waters across Iowa. Further, the Chuck Gipp Decorah Fish Hatchery is a popular destination for the community and supports around 100,000 visitors annually. Trout Run and Siewers Spring are currently listed on Iowa's impaired waters list for a bacterial and biological impairment. Past pollution control work in the watershed has focused on sediment retention, reducing nutrient pollution, and reducing flooding on riparian lands. However, despite these efforts, sediment pollution still remains an issue within the watershed. This proposed project seeks to carry out the goals of the Trout Run/Siewers Spring Watershed Management Plan (January 2024) to further improve water quality for Siewers Spring by implementing best management practices prescribed by the plan. IDALS operates as a facilitating and funding partner for watershed projects done in conjunction with Soil and Water Conservation Districts statewide.

Contract Purpose:

The purpose of this Contract is to designate CWA Section 319 funding to support this project. This Contract will work to carry out the goals of the Trout Run/Siewers Spring Watershed Management Plan for the stated Contract term.

Links to the Nonpoint Source Management Plan:

Goal 1: Improving Iowa's Surface Water and Groundwater Quality

Goal 2: Improving Waters that Affect Public Health

Goal 3: Improving Iowa's Waters for Native Wildlife and Fish, and Recreation

Goal 4: Reducing Excess Nutrient Delivery to Iowa Waters

Selection Process Summary:

Intergovernmental contracting with IDALS is authorized under 11 IAC 118.4. Contracts with state universities and other public agencies for laboratory work, scientific field measurement and environmental quality evaluation services necessary to implement Iowa Code Chapter 455B is authorized under Iowa Code section 455B.103(3).

Contract History:

The DNR has contracted with IDALS to administer Section 319-funded watershed projects since the early 1990s. The purpose of the contracts with IDALS is to provide funds and project management support to IDALS, which then enters into subsequent agreements with soil and water conservation districts to implement the specific watershed implementation project activities.

Previous Contracts:

Contract #1: Timeframe: December 1, 2023 to November 30, 2026; Amount \$100,000

Portion of the Watershed Management Plan being Implemented:

The watershed management plan for this project was completed and approved by EPA in January of 2024. The project is currently working under Phase 1 of the plan.

Focus Practice Types: Best Management Practices include but are not limited to cover crops, not-till/reduced till, waterways, sediment basins, streambank stabilization, and filter strips.

Monitoring Summary: This project is in the beginning stages in terms of water monitoring and data.

STATEMENT OF WORK

- Task 1.** Submit and Carry Out Project Activities – Contractor shall submit annual Work Plan and Budget consistent with EPA-Approved Project Implementation Plan. Timeframe – No later than May 1 of each year.
- Task 2.** Quarterly Financial Reports – Summarize expenses each quarter. Timeframe – 10/15, 1/15, 4/15 yearly
- Task 3.** Quarterly Progress Reports – Summarize activities each quarter. Timeframe – 10/15, 1/15, 4/15 yearly
Note: Quarterly reports are superseded by annual reports for the expected 7/15 report time period.
- Task 4.** Annual Progress Report – Summarize activities, progress, project costs, water monitoring data (if applicable), and water quality improvements (load reductions) made during the previous fiscal period. Timeframe – No later than August 1 of each year.
- Task 5.** Final Project Report – Total Section 319 funds expended by the project, summary of other funds, summary of accomplishments and objectives, comparison of actual accomplishments to objectives established by annual work plans and project implementation plan, summary of water quality improvements (load reductions), explanation of unmet objectives, and all other reporting requirements in the Section 319 guidance document. Timeframe – No later than 30 days prior to the expiration of this Contract.

Proposed Budget	Contract Amount (DNR 319 Costs)	Match Funding Share (State/Local)	Leveraged Funds (Non-Match)
Staffing/Admin Support (Top Line Costs)	\$7,500	\$0	\$0
Watershed Practice Support (Bottom Line Costs)	\$246,500	\$294,687	\$108,197
Totals	\$254,000	\$294,687	\$108,197
Overall Proposed Project Total	\$656,884		

Partnerships Summary:

The DNR's primary partnerships for this Contract include:

Partner	Nature of Partnership	Match Committed and Type
IDALS	Funding and Technical Assistance	\$91,000 State Funds (Cash Match)
USDA	Funding and Technical Assistance	\$108,197 Federal Funds (Leveraged)
Winneshiek County SWCD	Technical Assistance and Oversight	In-Kind (uncalculated)
Landowners	Funding and Practice Installation	\$203,687 Local Funds (Cash Match)
EPA	Primary Grantor	\$254,000 (this contract)
DNR Fisheries	Project Host and Technical Assistance	In-Kind

Miranda Haes, NE Iowa Basin Coordinator, Water Quality Bureau
Environmental Services Division
May 21, 2025

Iowa Department of Natural Resources
Environmental Protection Commission

#14

Decision Item

Contract Amendment #2 to the Original Contract with Shive-Hattery, Inc. (Shive-Hattery).

Commission approval is requested for a Contract Amendment with Shive-Hattery of West Des Moines, Iowa.

Amendment #2 Terms:

Amendment Amount: \$71,750

Amendment Dates: May 21, 2025 to December 31, 2025

Funding Source(s): U.S. EPA Clean Water Act Section 319 grant to DNR (Grant Numbers 00740430 and 00740431)

Statutory Authority: Funds are administered by DNR under statutory authority granted by Iowa Code section 455B.103 and a U.S. EPA Grant Agreement.

Amendment Purpose: The purpose of the Contract Amendment is to add money to the Original Contract to complete the Original Tasks and extend the time of performance previously allowed. Additional funding and time is required by Shive-Hattery to complete the Original Contract's Scope of Work and will be provided via this Contract Amendment.

Original Contract Purpose: This is a pilot project aimed at reducing pathogens that are present at state beaches. The ultimate goal of the project is to collaborate with park staff to design a series of practices to divert stormwater away from the beach area and reduce the transport of pathogens to the water's edge. Replications of this project at other beaches will be considered alongside ongoing Water Quality Improvement Plan development at state-owned and partner beach locations.

The purpose of the Original Contract was to design a suite of stormwater and/or beach treatment options (infiltration-based practices) at Big Creek State Park in Polk County and Brushy Creek State Park in Webster County to reduce environmental risks to beach users. The proposed practices should address stormwater runoff and reduce levels of E. coli.

Original Selection Process Summary: A Formal Selection Process (24ESDWQBPPAYT-0055) was used to acquire professional services from a qualified contractor with experience in beach management. In January 2024 an RFP was released by DNR procurement staff with only one proposal submitted. After negotiating the scope of work with the sole applicant, the team was comfortable moving forward with the bid. Shive-Hattery won the bid for initial design (Original Contract) and final design (this work) but did not provide a full and final price at the time of the initial bid for final design because the amount of cost depended on the direction the agency went with plan selection. This Contract Amendment represents one of the pricing options provided by Shive-Hattery for final design, and is consistent with the original bid for services and scope of the DNR RFP that was bid on.

Amendment Links to the Nonpoint Source Management Plan:

Goal 2: Improving Waters that Affect Public Health

Goal 3: Improving Iowa's Waters for Native Wildlife and Fish, and Recreation

STATEMENT OF WORK

The Contract Amendment Statement of Work is as follows:

For both Big Creek and Brushy Creek:

1. Complete supplemental topographic survey
2. Prepare construction documents in accordance with SUDAS (Statewide Urban Design Specs and Standards)
3. Review permitting needs and apply for appropriate permits as needed

For Big Creek Only: Complete private utility locations with DNR staff

Amendment Budget

The proposed Amendment Budget is as follows:

Description	Fee Type	Fee	Estimated Expenses	Total
Big Creek - Topographic Survey	Fixed Fee	\$3,000.00	Included	\$3,000.00
Big Creek – Private Utility Locates	Hourly	\$8,750.00	\$250.00	\$9,000.00
Big Creek - Design and Construction Documents	Fixed Fee	\$25,750.00	Included	\$25,750.00
Big Creek – Permitting	Fixed Fee	\$7,000.00	Included	\$7,000.00
Brushy Creek - Topographic Survey	Fixed Fee	\$3,000.00	Included	\$3,000.00
Brushy Creek - Design and Construction Documents	Fixed Fee	\$17,500.00	Included	\$17,500.00
Brushy Creek – Permitting Fixed Fee	Fixed Fee	\$6,500.00	Included	\$6,500.00
			TOTAL	\$71,750.00

Partnerships Summary:

The current work is primarily with internal DNR partners from the Conservation and Recreation Division, which include the DNR Lake Restoration Program, which will pay for primary implementation of final designs, and DNR Parks, which maintain and manage both beaches.

An information item will be provided when implementation is completed as an update and a demonstration of partner involvement.

Contract History:

Original Contract Terms: Amount \$ 46,200; Timeframe: May 22, 2024 to December 31, 2024; Purpose: Initial design development contract.

Amendment #1 Terms: Amount: No change; Timeframe: December 30, 2024 to June 30, 2025; Purpose: extend contract for six months.

Steve Konrady, Nonpoint Source Coordinator, Water Quality Bureau
Environmental Services Division
May 21, 2025