

**MINUTES OF THE  
ENVIRONMENTAL PROTECTION COMMISSION  
MEETING**

**April 21, 2020**

**Teleconference**

**Approved by the Commission May 20, 2020**

RECORD COPY
File Name <u>Admin 1-1-1</u>
Sender's Initials <u>jzs</u>

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**Meeting Minutes**

**CALL TO ORDER**

The meeting of the Environmental Protection Commission was called to order by Chairperson Ralph Lents at 10:30 a.m. on April 21, 2020 via teleconference. A verbal roll call was conducted for Commissioners, DNR staff, and members of the public.

**COMMISSIONERS PRESENT**

- Stephanie Dykshorn
- Amy Echard
- Lisa Gochenour
- Rebecca Guinn
- Howard Hill
- Harold Hommes
- Tim Kaldenberg
- Ralph Lents
- Bob Sinclair

**COMMISSIONERS ABSENT**

None

Tamara McIntosh, DNR General Counsel, stated the Commission is hosting this meeting via teleconference consistent with Iowa Code section 21.8, which authorizes electronic meetings when meeting in person is impossible or impractical. The impractical standard was satisfied due to COVID-19-based medical directives to physically distance.

**OFFICIAL MEETINGS OPEN TO PUBLIC (OPEN MEETINGS), § 21.8**

Electronic meetings. 1. A governmental body may conduct a meeting by electronic means only in circumstances where such a meeting in person is impossible or impractical and only if the governmental body complies with all of the following: a. The governmental body provides public access to the conversation of the meeting to the extent reasonably possible. b. The governmental body complies with section 21.4. For the purpose of this paragraph, the place of the meeting is the place from which the communication originates or where public access is provided to the conversation. c. Minutes are kept of the meeting. The minutes shall include a statement explaining why a meeting in person was impossible or impractical. 2. A meeting conducted in compliance with this section shall not be considered in violation of this chapter. 3. A meeting by electronic means may be conducted without complying with paragraph "a" of subsection 1 if conducted in accordance with all of the requirements for a closed session contained in section 21.5.

**APPROVAL OF AGENDA**

*Motion was made by Tim Kaldenberg to approve the agenda as presented. Seconded by Stephanie Dykshorn. Affirmative verbal votes of yea. Motion passes.*

**AGENDA APPROVED AS PRESENTED**

**APPROVAL OF MINUTES**

*Motion was made by Harold Hommes to approve the March 17, 2020 EPC minutes as presented. Seconded by Amy Echard. Affirmative verbal votes of yea. Motion passes.*

**APPROVED AS PRESENTED**

**MONTHLY REPORTS**

- Division Administrator Ed Tormey shared with the Commission that team members are predominantly teleworking with limited use of the DNR office locations. Environmental and human health protection work continues with physical distancing practices ensuring employee safety. Regulatory relief has been provided to industries and companies through DNR’s exercising of its enforcement discretion. The enforcement discretion protocol is posted on the DNR’s website.
- The monthly reports have been posted on the DNR’s website under the appropriate meeting month: <http://www.iowadnr.gov/About-DNR/Boards-Commissions>

**INFORMATION**

**DIRECTOR’S REMARKS**

- Director Kayla Lyon provided an update to Commissioners on the DNR’s continuation of delivering services, just in a different way with physical distancing practices. She expressed appreciation to the staff responding so quickly to measures designed to protect themselves, co-workers, and customers. DNR offices are closed to walk in traffic but services are available by appointment. DNR will continue to follow the guidelines of the CDC, Department of Public Health, and the Governor. DNR events were cancelled for the month of April, and May events are currently being evaluated. The agency is working closely with the Department of Agriculture and Land Stewardship for potential mass animal disposal.

**INFORMATION**

**CONTRACT WITH THE UNIVERSITY OF IOWA – BEACH MONITORING**

Roger Bruner presented the beach monitoring contract. He is planning for the standard approach to sampling but will adapt as needed with physical distancing. Monitoring results will be compared to previous data if there are less people utilizing the beaches this summer due to physical distancing.

**Public Comments – None**

**Written Comments – None**

*Motion was made by Bob Sinclair to approve the agenda item as presented. Seconded by Stephanie Dykshorn. Tim Kaldenberg-yea, Bob Sinclair-yea, Lisa Gochenour-yea, Howard Hill-yea, Rebecca Guinn-yea, Stephanie Dykshorn-yea, Amy Echard-yea, Harold Hommes-yea, and Ralph Lents-yea. Motion passes.*

**APPROVED AS PRESENTED**

**CONTRACT WITH THE UNIVERSITY OF IOWA – SHALLOW LAKES**

Roger Bruner presented a contract for shallow lakes monitoring.

**Public Comments – None**

**Written Comments – None**

*Motion was made by Tim Kaldenberg to approve the agenda item as presented. Seconded by Harold Hommes. Tim Kaldenberg-yea, Bob Sinclair-yea, Lisa Gochenour-yea, Howard Hill-yea, Rebecca Guinn-yea, Stephanie Dykshorn-yea, Amy Echard-yea, Harold Hommes-yea, and Ralph Lents-yea.  
Motion passes.*

**APPROVED AS PRESENTED**

**CONTRACT AMENDMENT #01 TO THE ORIGINAL CONTRACT FOR RAISING THE URBAN SOIL HEALTH IQ IN THE LOWER IOWA RIVER WATERSHED WITH CITY OF CORALVILLE**

Steve Konrady presented a contract amendment with the City of Coralville. He did not have the exact match contribution but would follow up with Commissioners with the details. He did state the minimum match requirement is 40% and the city has met that criteria to be eligible for a contract amendment.

**Public Comments – None**

**Written Comments – None**

*Motion was made by Bob Sinclair to approve the agenda item as presented. Seconded by Lisa Gochenour. Tim Kaldenberg-yea, Bob Sinclair-yea, Lisa Gochenour-yea, Howard Hill-yea, Rebecca Guinn-yea, Stephanie Dykshorn-yea, Amy Echard-yea, Harold Hommes-yea, and Ralph Lents-yea.  
Motion passes.*

**APPROVED AS PRESENTED**

**MEMORANDUM OF UNDERSTANDING WITH IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES (DAS)**

Steve Konrady presented a contract for Terrace Hill erosion control. Steve Konrady and Jeff Herman, DAS Engineer, described the process for development of plans, review by State Historic Preservation Office, and bid process for qualified contractors. They were unable to estimate the cost of the project until bids are received. Commissioners Hommes and Kaldenberg encouraged the future contract to include a match or contribution from the beneficiary of the project.

**Public Comments – None**

**Written Comments – None**

*Motion was made by Harold Hommes to approve the agenda item as presented. Seconded by Tim Kaldenberg. Tim Kaldenberg-yea, Bob Sinclair-yea, Lisa Gochenour-yea, Howard Hill-yea, Rebecca Guinn-yea, Stephanie Dykshorn-yea, Amy Echard-yea, Harold Hommes-yea, and Ralph Lents-yea.  
Motion passes.*

**APPROVED AS PRESENTED**

**GENERAL DISCUSSION**

- Commissioner Bob Sinclair received comments from Commissioners regarding the draft report and recommendations for the legislature.
- Jerah Sheets, Board Administrator, discussed the potential for meeting virtually for upcoming meetings.
- Jerah Sheets, Board Administrator, reminded Commissioners during the May meeting voting for chair, vice-chair, and secretary will occur.

**ADJOURN**

Chairperson Lents thanked the Commissioners and DNR staff for their efforts to physically distance. He wished for everyone to stay safe. He adjourned the Environmental Protection Commission teleconference meeting at 11:40 a.m. on April 21, 2020.

**ADJOURNED**

# Iowa Environmental Protection Commission Biannual Report and Recommendations

## Recommendations

### 2018 & 2019 Trends

The Commission has been reviewing an increased number of DNR Contracts over \$25,000 related to watershed improvement activities by local, onsite coordinators.

Iowa Citizen engagement around topics related to water quality and animal feeding operations continued to be robust and frequent.

### Summary of 2018 Accomplishments

The commission started its year with a successful Joint NRC/EPC legislative engagement and meeting.

Statewide Education of the entire Commission was enhanced through Tours of Successful Environmental Projects and attendance of DNR Field Office Meetings with the Director and Staff.

Four referrals were made to the Attorney General for egregious Environmental Activities and fines totaling \$ [REDACTED] were issued for lesser violations.

Animal Feeding Operations were a hot topic with a Demand for Hearing executed for three counties contesting Master Matrix Approvals.

Final Rulemaking was approved for:

- Chapters 20, 22, 23, 25, 30, 33 and 34: Air Quality Regulatory Certainty Rules
- Chapters 40, 41, 42, 43, 44, 81, 83: Public Water Supply, DWSRF, Operator Certification, and Laboratory Certification Rules
- Chapter 64: NPDES General Permits 8 and 9
- Chapter 111: Annual Reports of Solid Waste Environmental Management Systems
- Chapter 119: Used Oil and Used Oil Filters
- Chapter 123: Regional Collection Centers and Mobile Unit Collection and Consolidation Centers
- Chapter 144: Household Hazardous Materials Education
- Chapter 211: Financial Assistance for the Collection of Household Hazardous Materials and Hazardous Waste from Conditionally Exempt Small Quantity Generators
- Chapter 214: Household Hazardous Materials Program

We selected 12 community projects for \$399,989 in Derelict Building Grants to address abandoned buildings by promoting waste abatement, diversion, selective dismantlement of building components and recycling.

The Solid Waste Alternatives Program (SWAP) received 16 proposals requesting \$682,692 in financial assistance in a combination of forgivable loans, zero percent loans and three percent loans.

To support the delivery of the Iowa Waste Exchange Program, the Commission approved a \$468,000 grant award to the Region XII Council of Governments. This one year contract is eligible for five additional one year extensions.

The Commission also approved the DNR becoming the Administrator for the Iowa Comprehensive Petroleum Underground Storage Tank Fund through a \$451,000 28E Agreement to begin on January 1, 2019 and terminate on December 31, 2020.

## **Summary of 2019 Accomplishments**

We onboarded four new Commissioners and supplemented their Orientation with Department Specific Training before most meetings.

Statewide Education of the entire Commission was enhanced through Tours of Successful Environmental Projects and attendance of DNR Field Office Meetings with the Director and Staff.

Two referrals were made to the Attorney General for egregious Environmental Activities and fines totaling \$\_\_\_\_\_ were issued for lesser violations.

Animal Feeding Operations continued to be a hot topic with a Demand for Hearing executed for two counties contesting Master Matrix Approvals.

A Rulemaking Petition was started for Numeric Water Quality Standards for Nutrients in Significant Public Recreational Lakes.

Final Rulemaking was approved for:

- Chapters 20, 22, 23 and 25: Air Quality Regulatory Certainty Rules
- Chapter 64: Wastewater Construction and Operation Permits, to include Well Construction and Well Service Wastewater Discharges
- Chapter 50: Scope of Division—Definitions—Forms—Rules of Practice,
- Chapter 51, Water Permit or Registration—When Required,
- Chapter 52: Criteria and Conditions for Authorizing Withdrawal, Diversion and Storage of Water,
- Chapter 53: Protected Water Sources—Purposes—Designation Procedures—Information in Withdrawal Applications—Limitations—List of Protected Sources,
- Chapter 61: Water Quality Standards (Stream Reclassifications via Use Assessment and Use Attainability Analyses – Batch #5)
- Chapter 65: Animal Feeding Operations, Amended definition of Common Ownership



- Chapter 72: Animal Feeding Operations, Criteria for Approval
- Chapter 82: Well Contractor Certification
- Chapter 137: Iowa Land Recycling Program and Response Action Standards Amendments

We recommended that the Legislature extend the sunset of the Vehicle Mercury Switch Recovery Program by 18 months to address the continued recycling of vehicles constructed prior to 2002

We selected 13 community projects for \$396,864 in Derelict Building Grants to address abandoned buildings by promoting wasted abatement, diversion, selective dismantlement of building components and recycling.

The Clean Water State Revolving Fund (CWSRF) executed 82 new assistance agreements totaling \$271 Million Dollars to support communities wastewater infrastructure projects. An addition \$8 Million Dollars was provided to the Ag Community through 185 nonpoint source pollution mitigation projects.

DRAFT 4-20-20

# Agenda

## Environmental Protection Commission

Tuesday, April 21, 2020

Teleconference

(405) 701-9543

PIN: 871 528#

**Tuesday, April 21, 2020**

**10:30 AM – EPC Business Meeting – Teleconference**

If you are unable to attend the business meeting, comments may be submitted to Jerah Sheets at [Jerah.Sheets@dnr.iowa.gov](mailto:Jerah.Sheets@dnr.iowa.gov) or 502 East 9th St, Des Moines IA 50319 up to one day prior to the business meeting for the public record.

- |    |   |                             |
|----|---|-----------------------------|
| 1  | Approval of Agenda  |                             |
| 2  | Approval of the Minutes   |                             |
| 3  | Monthly Reports   | Ed Tormey<br>(Information)  |
| 4  | Director's Remarks  | Kayla Lyon<br>(Information) |
| 5  | Contract with THE UNIVERSITY OF IOWA – Beach Monitoring   | Roger Bruner<br>(Decision)  |
| 6  | Contract with THE UNIVERSITY OF IOWA – Shallow Lakes  | Roger Bruner<br>(Decision)  |
| 7  | Contract Amendment #01 to the Original Contract for Raising the Urban Soil Health IQ in the Lower Iowa River Watershed with City of Coralville  | Steve Konrady<br>(Decision) |
| 8  | Memorandum of Understanding with Iowa Department of Administrative Services   | Steve Konrady<br>(Decision) |
| 9  | General Discussion <ul style="list-style-type: none"><li>• Biennial EPC Report</li></ul>  |                             |
| 10 | Items for Next Month's Meeting <ul style="list-style-type: none"><li>• Tuesday, May 19, 2020 at 10:30 AM – EPC Business Meeting – Polk County</li><li>• Tuesday, June 16, 2020 at 10:30 AM – EPC Business Meeting – Polk County</li></ul> |                             |

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

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

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

**MINUTES OF THE  
ENVIRONMENTAL PROTECTION COMMISSION  
MEETING**

**March 17, 2020**

**Teleconference**

**Approved by the Commission **DATE****

DRAFT

RECORD COPY
File Name <u>Admin 1-1-1</u>
Sender's Initials <u>jzs</u>

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March 2020

Environmental Protection Commission Minutes

## Meeting Minutes

### CALL TO ORDER

The meeting of the Environmental Protection Commission was called to order by Chairperson Ralph Lents at 10:30 a.m. on March 17, 2020 via teleconference. A verbal roll call was conducted for Commissioners, DNR staff, and members of the public.

### COMMISSIONERS PRESENT

Stephanie Dykshorn  
Amy Echard  
Lisa Gochenour  
Howard Hill  
Harold Hommes  
Tim Kaldenberg  
Ralph Lents  
Bob Sinclair

### COMMISSIONERS ABSENT

Rebecca Guinn

Tamara McIntosh, DNR General Counsel, stated the Commission is hosting this meeting via teleconference consistent with Iowa Code section 21.8, which authorizes electronic meetings when meeting in person is impossible or impractical. The impractical standard was satisfied due to COVID-19-based medical directives to socially distance.

### OFFICIAL MEETINGS OPEN TO PUBLIC (OPEN MEETINGS), § 21.8

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### APPROVAL OF AGENDA

Ed Tormey, Division Administrator, requested the Commission to postpone agenda item #8 due to the contract details still being finalized with stakeholders.

*Motion was made by Bob Sinclair to approve the agenda with postponing agenda item #8. Seconded by Tim Kaldenberg. Tim Kaldenberg-yea, Bob Sinclair-yea, Lisa Gochenour-yea, Howard Hill-yea, Rebecca Guinn-absent, Stephanie Dykshorn-yea, Amy Echard-yea, Harold Hommes-yea, and Ralph Lents-yea. Motion passes.*

**AGENDA APPROVED AS AMENDED**

**APPROVAL OF MINUTES**

*Motion was made by Bob Sinclair to approve the February 18, 2020 EPC minutes as presented. Seconded by Stephanie Dykshorn. Tim Kaldenberg-yea, Bob Sinclair-yea, Lisa Gochenour-yea, Howard Hill-yea, Rebecca Guinn-absent, Stephanie Dykshorn-yea, Amy Echard-yea, Harold Hommes-yea, and Ralph Lents-yea. Motion passes.*

**APPROVED AS PRESENTED**

**MONTHLY REPORTS**

- Division Administrator Ed Tormey shared with the Commission how impressed he was with his team quickly transitioning to working remotely to comply with COVID-19 guidance. About 75% of the team are continuing to protect human and environmental health, just from an alternative location. Facility inspections and site visits are being conducted if they provide a low risk of virus spread and meet the facility’s COVID-19 procedures.
- The monthly reports have been posted on the Department’s website under the appropriate meeting month: <http://www.iowadnr.gov/About-DNR/Boards-Commissions>

**INFORMATION**

**DIRECTOR’S REMARKS**

- Director Kayla Lyon was unavailable to attend the meeting while focused on COVID-19 matters.

**CLEAN WATER AND DRINKING WATER STATE REVOLVING LOAN FUND (SRF) – FY 2020 INTENDED USE PLAN FOURTH QUARTER UPDATE**

Theresa Enright presenting the quarterly update for the SRF. She provided details on Senate File 548 (2019), which instituted boundaries for land purchases after July 1, 2019. She highlighted Appendix E land purchases prior to July 1, 2019.

**Public Comments – None**

**Written Comments – None**

*Motion was made by Harold Hommes to approve the agenda item as presented. Seconded by Lisa Gochenour. Tim Kaldenberg-yea, Bob Sinclair-yea, Lisa Gochenour-yea, Howard Hill-yea, Rebecca Guinn-absent, Stephanie Dykshorn-yea, Amy Echard-yea, Harold Hommes-yea, and Ralph Lents-yea. Motion passes.*

**APPROVED AS PRESENTED**

**NOTICE OF INTENDED ACTION – CHAPTER 61 – WATER QUALITY STANDARDS (UPDATE TO METALS CRITERIA)**

Roger Bruner presented a draft rule making to begin the notice of intended action to gather public input. He responded to the public and written comments describing the rule making and Environmental Protection Agency (EPA) approval process.

**Public Comments** – John Riches and John Hilton of Arconic Davenport LLC provided their appreciation working with the DNR on the draft rule making. They support the rule making and request language to be added to support ever evolving and changing methods of measurement.

**Written Comments** – Ken Thomas of Arconic Davenport LLC provided a statement supporting the rule making and requested clarity regarding aluminum within the water column being used to evaluate water quality.

*Motion was made by Howard Hill to approve the agenda item as presented. Seconded by Harold Hommes. Tim Kaldenberg-yea, Bob Sinclair-yea, Lisa Gochenour-yea, Howard Hill-yea, Rebecca Guinn-absent, Stephanie Dykshorn-yea, Amy Echard-yea, Harold Hommes-yea, and Ralph Lents-yea. Motion passes.*

**APPROVED AS PRESENTED**

**AIR QUALITY – FISCAL YEAR 2021 PROPOSED BUDGET REVIEW**

Wendy Walker presented the draft budget for the Commission to review. She summarized some of the differences between estimated budgets and actual costs of the programs.

Catharine Fitzsimmons shared with the Commission stakeholder input is being excepted until March 30<sup>th</sup>. Thus far, stakeholders have varying approaches to the fee and long-term planning. If the fees change, the updated budget will be brought back to the Commission for approval. If there are no changes, the budget will not be brought back to the Commission for approval.

**Public Comments – None**

**Written Comments – None**

**INFORMATION**

**~~CONTRACT WITH IZAAK WALTON LEAGUE OF AMERICA FOR SAVE OUR STREAMS: STATEWIDE VOLUNTEER WATER QUALITY MONITORING PROGRAM FOR IOWA~~**

**Public Comments – None**

**Written Comments** – Samantha Briggs and Zachary Moss of The Izaak Walton League of America provided a letter of support for the contract.

**POSTPONED**

**CONTRACT AMENDMENT #01 TO THE ORIGINAL CONTRACT FOR THE POLK COUNTY RAIN CAMPAIGN WITH POLK COUNTY SOIL AND WATER CONSERVATION DISTRICT**

Steve Konrady presented a contract amendment with Polk County Soil and Water Conservation District. He shared the targeted approach for the Des Moines metro to measure a watershed with practices installed compared to a watershed where practices were not installed.

**Public Comments – None**

**Written Comments – None**

*Motion was made by Tim Kaldenberg to approve the agenda item as presented. Seconded by Stephanie Dykshorn. Tim Kaldenberg-yea, Bob Sinclair-yea, Lisa Gochenour-yea, Howard Hill-yea, Rebecca Guinn-absent, Stephanie Dykshorn-yea, Amy Echard-yea, Harold Hommes-yea, and Ralph Lents-yea. Motion passes.*

**APPROVED AS PRESENTED**

**CONTRACT WITH IOWA STATE UNIVERSITY FOR IOWA LEARNING FARMS WETLANDS CONSERVATION STATION**

Steve Konrady presented a contract with Iowa State University. Commissioner Sinclair and Lents provided accolades regarding the traveling demonstration trailers.

**Public Comments – None**

**Written Comments – None**

*Motion was made by Howard Hill to approve the agenda item as presented. Seconded by Amy Echard. Tim Kaldenberg-yea, Bob Sinclair-yea, Lisa Gochenour-yea, Howard Hill-yea, Rebecca Guinn-absent, Stephanie Dykshorn-yea, Amy Echard-yea, Harold Hommes-yea, and Ralph Lents-yea.  
Motion passes.*

**APPROVED AS PRESENTED**

**CONTRACT WITH POLK COUNTY CONSERVATION BOARD – EASTER LAKE WATER QUALITY IMPROVEMENTS**

Steve Konrady presented a contract with Polk County Conservation Board on behalf of Kyle Ament. He summarized the fluctuating partner financial match approach based on the targeted practice, available funding, and timeline to accomplish the agreement.

**Public Comments – None**

**Written Comments – None**

*Motion was made by Tim Kaldenberg to approve the agenda item as presented. Seconded by Bob Sinclair. Tim Kaldenberg-yea, Bob Sinclair-yea, Lisa Gochenour-yea, Howard Hill-yea, Rebecca Guinn-absent, Stephanie Dykshorn-yea, Amy Echard-yea, Harold Hommes-yea, and Ralph Lents-yea.  
Motion passes.*

**APPROVED AS PRESENTED**

**CONTRACT WITH DUCKS UNLIMITED, INC.**

Michelle Balmer presented a contract with Ducks Unlimited on behalf of Kyle Ament. She provided greater detail on the overall cost of the construction project and funding sources. She also detailed the construction design of the fish barrier and how it will work to deter carp from the bay and lake.

**Public Comments – None**

**Written Comments – None**

*Motion was made by Stephanie Dykshorn to approve the agenda item as presented. Seconded by Howard Hill. Tim Kaldenberg-yea, Bob Sinclair-yea, Lisa Gochenour-yea, Howard Hill-yea, Rebecca Guinn-absent, Stephanie Dykshorn-yea, Amy Echard-yea, Harold Hommes-yea, and Ralph Lents-yea.  
Motion passes.*

**APPROVED AS PRESENTED**



**GENERAL DISCUSSION**

- Commissioner Bob Sinclair discussed his recommended approach for developing the EPC biennial report.
- Jerah Sheets, Board Administrator, provided a reminder to Commissioners to complete the Personal Financial Disclosure report and Preventing Sexual Harassment online training.
- Jerah Sheets, Board Administrator, received concurrence from the Commissioners to postpone the Monday, April 20<sup>th</sup> educational tour in Hamilton/Hardin County and convert the Tuesday, April 21<sup>st</sup> business meeting to a teleconference call.

**ADJOURN**

Chairperson Lents adjourned the Environmental Protection Commission teleconference meeting at 12:10 p.m. on March 17, 2020.

**ADJOURNED**

DRAFT

**Monthly Variance Report  
March 2020**

Item #	DNR Reviewer	Facility/City	Program	Subject	Decision	Date	Agency
1	Priyanka Painuly	Mills Fleet Farm - Waukee	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	approved	3/2/20	20aqv051
2	Brian Hutchins	Iowa Army Ammunition Plant	Air Quality	Request to burn 60,000 pounds of unstable propellant.	approved	3/2/20	20aqv057
3	Reid Bermel	Siemens Gamesa Renewable Energy, Inc	Air Quality Bureau	The alternate location is needed to repair the large damaged blades. The facility will use compliant materials and work practices as listed at the Fort Madison facility.	approved	3/4/20	20aqv052
4	Karen Kuhn	Cargill Inc.	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	approved	3/4/20	20aqv053
5	Nate Tatar	MidAmerican Energy Co. - George Neal N	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	approved	3/4/20	20aqv054
6	Asia Azam	22'X24' House Addition - Robert Webster	Flood Management and Dam Safety Plain and	The owner requests variance to 567 IAC 72.5(1)"b" that requires high damage potential buildings be protected to the level of a flood equivalent to Q100 plus 1 foot. House addition has crawl space 3.3' below the minimum protection level.	approved	3/4/20	20fpv055
7	karen Kuhn	Cambrex	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	approved	3/9/20	20aqv056
8	Danjin Zulic	Elite Octane, LLC	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	approved	3/11/20	20aqv058
9	Reid Bermel	Gable Corporation	Air Quality Bureau	Gable wants to continue commissioning seven (7) emergency generators prior to obtaining modified permits.	approved	3/11/20	20aqv059
10	Karen Kuhn	Golden Grain Energy	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	approved	3/11/20	20aqv060
11	Reid Bermel	IPL - Ottumwa Generating Station	Air Quality Bureau	IPL - Ottumwa Generating Station wants the temporarily use of a 580 hp generator during the maintenance activity of grit blasting a baghouse.	approved	3/11/20	20aqv061
12	Karen Kuhn	Roquette America	Air Quality Construction Permits	Waiver of Initial Stack Test Requirement.	approved	3/13/20	20aqv062
13	Matt Phoenix	Ottumwa Water Works	Water Supply Construction	A variance from requirements to construct conflicting sanitary sewers and storm sewers of water main material by instead placing water main within a sealed casing pipe.	approved	3/13/20	20wcv063

Iowa Department of Natural Resources  
Environmental Protection CommissionITEM 

DECISION

**Contract with THE UNIVERSITY OF IOWA****Recommendation:**

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

**Contract Terms:**

**Amount:** Not to exceed \$27,839.16

**Dates:** May 1, 2020 to October 31, 2020.

**Funding Source(s):** Environment First Appropriation.

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

**Contract Background:**

Since 2006, the Iowa Department of Natural Resources' Beach Monitoring Program has sampled and reported indicator bacteria concentrations at swimming areas throughout the state. Routine monitoring takes place from the week before Memorial Day through Labor Day. The beach monitoring project fits into the mission of the Department by ensuring high quality recreational opportunities within the state park system and by assessing and reporting on the quality of surface waters in the State.

**Contract Purpose:** The parties propose to enter into this Contract to retain the Contractor to provide: assistance to DNR in the analysis of indicator bacteria samples collected as part of the beach monitoring program. Samples are collected weekly during the monitoring period at up to 40 state park beaches and as many as 32 city and county park beaches.

**Contractor Selection Process:**

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

**Contract History:**

The DNR has entered into contracts with the State Hygienic Laboratory at the University of Iowa on a regular basis since 2014. The purpose of the contracts with University of Iowa is to have the State Hygienic Laboratory provide the DNR with indicator bacteria analysis at state, county, and city owned beaches. This information is used to inform the public of current beach warning status. Additionally, the DNR intends to utilize the information gathered and analyzed in this Contract in partial fulfillment of sections 303d and 305b of the Clean Water Act including: biennial reports on the status of lake water quality, impaired water listing, and total maximum daily load reports. The most recent contracts have been the following:

**Contract #1:** Timeframe: May 11, 2015 to September 30, 2015; Amount \$27,732.24; Amendment: None

**Contract #2:** Timeframe: May 23, 2016 to September 30, 2016; Amount \$26,605.80; Amendment: None

**Contract #3:** Timeframe: May 15, 2017 to September 30, 2017; Amount \$23,817.24; Amendment: None

**Contract #4:** Timeframe: May 1, 2018 to October 31, 2018; Amount \$24,457.14; Amendment: None

**Contract #5:** Timeframe: May 1, 2019 to October 31, 2019; Amount \$25,963.74; Amendment: None

Roger Bruner, Supervisor, Water Quality Bureau  
Environmental Services Division  
April 21, 2020

Obligation	Task Milestone Date
<p><b>Task 1: Analysis of water samples from state park beaches for indicator bacteria</b></p> <p><b>Description:</b></p> <ul style="list-style-type: none"> <li>a) Laboratory analysis shall be completed for <i>Escherichia coli</i> (see Table 4 for a parameter list) on surface water samples collected at up to 40 state park beaches by DNR staff (see Table 1 for a list of these beaches).</li> <li>b) All samples submitted for analysis through this task shall be coded as <b>IDNR BEACH</b>.</li> <li>c) Laboratory staff shall email the Contract Manager with notification of results greater than 235 CFU/100ml within 2 hours of sample analysis completion.</li> </ul>	<p>Contractor shall conduct sample analysis, including sample set-up, on a weekly basis beginning no later than May 18, 2020, and continuing for 16 weeks.</p> <p>Contractor shall make completed data and results available to DNR via the SHL OpenELIS web portal not later than 2 hours after completion of sample analysis.</p>
<p><b>Task 2: Analysis of QA/QC samples</b></p> <p><b>Description:</b></p> <ul style="list-style-type: none"> <li>a) Laboratory analysis shall be completed for <i>Escherichia coli</i> (see Table 4 for a parameter list) on all QA/QC samples (field blanks and splits) submitted to SHL by DNR as part of the state beach monitoring program.</li> <li>b) All samples submitted for analysis through this task shall be coded as <b>IDNR BEACH QAQC</b>.</li> </ul>	<p>Contractor shall conduct sample analysis, including sample set-up, on a weekly basis beginning no later than May 18, 2020, and continuing for 16 weeks.</p> <p>Contractor shall make completed data and results available to DNR via the SHL OpenELIS web portal not later than 2 hours after completion of sample analysis.</p>
<p><b>Task 3: Assemble and ship bacteria sample kits to city/county beaches</b></p> <p><b>Description:</b></p> <ul style="list-style-type: none"> <li>a) SHL shall ship coolers, cold packs, bottles, and chain of custody forms to all beaches participating in the city/county beach monitoring program (see Table 2 for a list of these beaches).</li> <li>b) SHL shall provide return shipping labels to meet required holding times.</li> </ul>	<p>Contractor shall complete the first shipment of this task no later than May 11, 2020.</p> <p>Contractor shall continue to ship supplies outlined in this task on an as needed basis with the last shipment sent no later than September 4, 2020.</p>
<p><b>Task 4: Return shipping and analysis of city/county beach bacteria samples</b></p> <p><b>Description:</b></p> <ul style="list-style-type: none"> <li>a) Laboratory analysis shall be completed for <i>Escherichia coli</i> (see Table 4 for a parameter list) on surface water samples collected by DNR, or collected and shipped to SHL from up to 32 city/county park beaches (see Table 2 for a list of these beaches). Return shipping by local city/county staff will allow for samples to arrive at SHL and be analyzed within the 30 hour sample holding time.</li> <li>b) Samples received outside of the 30 hour sample holding time shall not be analyzed. SHL shall email the DNR Contract Manager by end of business on date of sample receipt when city/county beach samples are not analyzed.</li> </ul>	<p>SHL shall complete this task weekly, beginning week of May 18, 2020, and continuing for 16 weeks.</p> <p>SHL shall make completed results available to DNR via the SHL OpenELIS web portal not later than close of business on Thursday of each week of the</p>

<p>c) SHL shall email the DNR Contract Manager to notify when city/county beach samples are received on a Thursday or Friday. Samples received on a Thursday or Friday and within 30 hour sample holding time shall be analyzed.</p> <p>d) All samples submitted for analysis through this task shall be coded as <b>CO BEACH</b>.</p>	<p>monitoring season (May 18–Sept 7, 2020).</p>
<p><b>Task 5: Special Projects</b></p> <p><b>Description:</b></p> <p>a) SHL shall complete additional analyses from state park or county beaches for indicator bacteria (see Table 4 for a parameter list) as mutually agreed upon in writing by SHL and DNR.</p> <p>b) All samples submitted for analysis through this task shall be coded as <b>IDNR BEACH SPECIAL</b>.</p> <p>c) Laboratory staff shall email the Contract Manager with notification of results greater than 235 CFU/100ml</p>	<p>Contractor shall conduct sample analysis, including sample set-up, on a as needed basis beginning no later than May 18, 2020, and continuing for 16 weeks.</p> <p>Contractor shall make completed data and results available to DNR via the SHL OpenELIS web portal not later than 2 hours after completion of sample analysis.</p>
<p><b>Task 6: Data Transfer</b></p> <p><b>Description:</b> SHL shall make the data generated pursuant to this Contract available to DNR electronically through the State Hygienic Laboratory OpenELIS database web portal. Data shall be available for download by DNR staff in a mutually agreeable format. The available sample information shall include the STORET station identification number, which will be provided by DNR for all station locations. Data shall be retrievable via the web portal by DNR staff.</p> <p>Analytical reports may be retrieved electronically by DNR staff having the appropriate authorization. SHL shall assist DNR 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"> <li>• SHL OpenELIS/Telcor Organization ID number :7002 (IDNR BEACH MONITORING)</li> <li>• SHL Project Code: (IDNR BEACH; IDNR BEACH QAQC; CO BEACH; IDNR BEACH SPECIAL)</li> </ul>	<p>SHL shall make completed data and results available to DNR via the SHL OpenELIS web portal not later than 15 calendar days after the end of each month.</p> <p>If SHL determines that extra time for analysis should be allowed in specific cases, then a written notification shall be made to the DNR 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>

### Breakdown of Costs

Table 3

<u>Task</u>	<u>Number of Samples</u>	<u>Cost per Sample</u>	<u>Total Cost</u>
Task 1: Analysis of water samples from state park beaches for indicator bacteria	640 (40 state park beaches × 16 weeks)	640 @ \$18.50	\$11,840.00
Task 2: Analysis of QA/QC samples	80 (one field replicate per route × four routes × 16 weeks=64) + (one equipment blank per technician × four technicians × 4 (every 4 weeks)=16)	80 @ \$18.50	\$1,480.00
Task 3: Assemble and ship bacteria sample kits to city/county beaches	Outgoing shipments	\$0.00	\$0.00
Task 4: Return shipping and analysis of city/county beach bacteria samples			
Task 4a: Analysis of city/county beach bacteria samples (shipped)	400 (25 beaches × 16 weeks) Priority Overnight return shipping	400 @ \$18.50 400 @ \$7.00	\$7,400.00 \$2,800.00
Task 4b: Analysis of city/county beach bacteria samples (delivered by DNR)	112 (7 beaches × 16 weeks)	112 @ \$18.50	\$2,072.00
Task 5: Special Projects.	Up to 10 samples	10 @ \$18.50	\$185.00
Task 6: Data Transfer		\$0.00	\$0.00
<b>Subtotal</b>			\$25,777.00
<b>Facilities and Administrative Costs @ 8%</b>			\$2,062.16
<b>Contract Total</b>			\$27,839.16

### Parameter list for Beach Monitoring

Parameter	# of Samples	Cost per Sample	Total Cost	SHL Bottle #	Preservation	Holding Time	Method	Reporting Limit
E.coli Bacteria DNR State beach samples		18.50		32	Ice, sodium thiosulfate	30 hrs	SM 9223 B	10 mg/L

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

ITEM

6

DECISION

**Contract with THE UNIVERSITY OF IOWA****Recommendation:**

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

**Contract Terms:**

**Amount:** Not to exceed \$29,330.10

**Dates:** April 22, 2020 to April 1, 2021.

**Funding Source(s):** This Contract will be funded through Iowa Code section 455B.103 Environment First Fund 25%, Iowa Code section 456.33A Lake Restoration Program 25%, Fisheries Bureau funds (CC 8250)-25%, and Wildlife Bureau funds (CC 8350 5E)-25%.

**Statutory Authority:** Iowa Administrative Code section 455B.103.

**Contract Background:** This Contract maintains the number of lakes from last year at 25 lakes. Data collected and analyzed as a part of this Contract has assisted decision makers with better understanding the effectiveness of shallow lake restoration and has allowed managers to make more effective management decisions regarding future planning for restoration of shallow lakes across the state. Data collected through this project will be made available through the DNR's publicly available water quality database (AQuIA).

**Contract Purpose:** The parties propose to enter into this Contract to retain the Contractor to provide: laboratory analytical services of samples collected by Department staff.

**Contractor Selection Process:**

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

**Contract History:**

**Fiscal year 2020 Contract;** \$47,250.00; 25 lakes in this contract

**Fiscal year 2019 Contract;** \$26,858.34; 25 lakes in this contract

**Fiscal year 2018 Contract;** \$27,433.35; 25 lakes in this contract

**Fiscal year 2017 Contract;** \$19,372.93; 18 lakes in this contract.

**Fiscal year 2016 Contract;** \$11,149.06; 16 lakes in this contract. Separate contract for Pesticide analysis with SHL (\$6,912)

Roger Bruner, Environmental Program Supervisor, Water Quality Bureau  
Environmental Services Division  
April 21, 2020

Obligation	Task Milestone Date
<p><b>Task 1: Water Sample Analysis</b>  <b>Description:</b> SHL shall provide chemical analysis of shallow lake water samples provided by DNR staff. Samples for this activity shall be coded as DNRSHALLAKES.</p> <p>SHL shall provide sample containers and chain of custody paperwork for the water samples to be collected by the DNR staff during the contract period. The list of lakes to be sampled is provided in Table 1.</p> <p>DNR will pick up sample containers monthly at SHL (Ankeny Lab) and will deliver samples to SHL for analysis. These samples shall be analyzed for the analytes shown in Table 2 or as modified on the chain of custody form submitted with the samples.</p> <p><u>Results shall be reported to:</u>  Brandon Harland – Iowa DNR - Watershed Monitoring and Assessment Section  502 E. 9<sup>th</sup> St.  Des Moines, IA 50319  Office (515) 725-8378  Fax (515) 725-8895  brandon.harland@dnr.iowa.gov</p>	<p>Samples shall be analyzed no later than holding times established by SHL (Table 2), including standard operating procedures for laboratory analyses, unless authorized in writing by DNR.</p>
<p><b>Task 2: Data Transfer</b>  <b>Description: Benthic Macroinvertebrate analysis data shall be submitted by SHL to DNR by 12/1/2020 in Excel spreadsheets.</b></p> <p>SHL shall make the data generated pursuant to this Contract available to DNR electronically through the State Hygienic Laboratory OpenELIS database web portal. Data shall be available for download by DNR staff in a mutually agreeable format. The available sample information shall include the STORET station identification number, which will be provided by DNR for all station locations. Data shall be retrievable via the web portal by DNR staff.</p> <p>Analytical reports may be retrieved electronically by DNR staff having the appropriate authorization. SHL shall assist DNR 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"> <li>• SHL OpenELIS/Telcor Organization ID number: 3055</li> <li>• SHL Project Code: DNRSHALLAKES</li> </ul>	<p>SHL shall make completed data and results available to DNR via the SHL OpenELIS web portal not later than 15 calendar days after the end of each month.</p> <p>If SHL determines that extra time for analysis should be allowed in specific cases, then a written notification shall be made to the DNR 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>



## IDNR 2020 Lakes Monitoring Test/Method/Fee Matrix

Parameter	No. of Sites	Frequency	Cost per Test	Total Cost	SHL Container	Preservative	Max Holding Time	Method	Sample Matrix	Reporting Limit
Orthophosphate as P	25	5	\$15.00	\$ 1,875.00	9	Cool to 4°	48 hours	LAC 10-115-01 1A	water	0.02 mg/L
Total Phosphate as P	25	5	\$15.00	\$ 1,875.00	2	Cool to 4°, H <sub>2</sub> SO <sub>4</sub> to pH <2	28 days	LAC 10-115-01 1C	water	0.1 mg/L
Ammonia Nitrogen as N	25	5	\$15.00	\$ 1,875.00	2	Cool to 4°, H <sub>2</sub> SO <sub>4</sub> to pH <2	28 days	LAC 10-107-06 1J	water	0.05 mg/L
Nitrite + Nitrate as N	25	5	\$15.00	\$ 1,875.00	2	Cool to 4°, H <sub>2</sub> SO <sub>4</sub> to pH <2	28 days	LAC 10-107-04 1J	water	0.1 mg/L
Total Kjeldahl Nitrogen	25	5	\$38.00	\$ 4,750.00	2	Cool to 4°, H <sub>2</sub> SO <sub>4</sub> to pH <2	28 days	LAC 10-107-06 2E	water	0.1 mg/L
Total Dissolved Solids	25	5	\$15.00	\$ 1,875.00	1	Cool to 4°	7 days	SM 2540 C	water	1 mg/L
Total Suspended Solids	25	5	\$15.00	\$ 1,875.00	1	Cool to 4°	7 days	USGS I-3765-85	water	1 mg/L
Total Volatile Solids*	25	5	\$ -	\$ -	1	Cool to 4°	7 days	epa 160.4 tvss	water	1 mg/L
Chlorophyll a	25	5	\$43.50	\$ 5,437.50	9	Cool to 4°	24 hours to filter, 21 days frozen filter	EPA 445.0 Rev 1.2	water	1 mg/L
Phycocyanin** Benthic	25	5	\$ -	\$ -	9	Cool to 4°	24 hours to filter, 21 days frozen filter		water	1 mg/L
Macroinvertebrate Analysis	26	1	\$220.00	\$ 5,720.00	99	Formalin	unlimited	SM 10500	Biological	Sample ID'ed
				<b>Sub-total</b>						<b>\$ 27,157.50</b>
				<b>F&amp;A (8%)</b>						<b>\$ 2,172.60</b>
				<b>Total Analytical Cost</b>						<b>\$ 29,330.10</b>

\*For this contract, the fee for TVSS would be included in the TSS and TDS test fee.

\*\*For this contract, the fee for phycocyanin would be included in the Chlorophyll a test fee due to development of the test at SHL.

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

# 7

**Decision Item**

**Contract Amendment #01** to the Original Contract for **Raising the Urban Soil Health IQ in the Lower Iowa River Watershed** with City of Coralville

**Commission approval is requested for a Contract Amendment with** City of Coralville, of Coralville, IA.

**Amendment # 01 Terms:** Additional time and funds, and revised Tasks

**Amendment Amount:** \$50,000

**Amendment Dates:** May 1, 2020 to May 15, 2021

**Funding Source(s):** Clean Water Act Section 319 grant to DNR from US Environmental Protection Agency (00740423)

**Amendment Purpose:** The purpose of the Contract Amendment is to revise the Tasks in the Original Contract, to provide City of Coralville, City of North Liberty, and City of Iowa City (Coralville, et al.) additional cost share funding, and to extend the time of performance previously allowed. The first phase of the Raising the Urban Soil Health IQ in the Lower Iowa River Watershed campaign had a very successful year of activities. Through development of branded promotional and marketing materials, workshops, event-based and social media outreach there has been an increase in interest in cost share programs that the participant cities offer. Coralville, et al. looks to continue the successes of the Original Contract into another implementation season including fall of 2020 and spring of 2021. Coralville, et al. will continue a relationship with the marketing firm that developed materials for the Original Contract work, adding additional materials and outreach that will focus on enhancing knowledge of other best management practices (BMPs) beyond the soil quality restoration and soil health focus of the Original Contract. Additionally, demonstration sites will be developed showcasing urban BMPs to a wider audience, and additional cost share funds will be available as needed for the participant cities' residents.

**Original Contract Purpose:** The City of Coralville, in partnership with the cities of Iowa City and North Liberty, will implement a stormwater-focused Clean Water Awareness and Education Campaign, titled *Raising the Urban Soil Health IQ in the Lower Iowa River Watershed*. The primary goals of this campaign will be to boost the awareness and use of cost share funds available to residents in each of these cities for soil quality restorations and other home lawn rainscaping practices, and to increase knowledge of how those practices improve water quality. The Contractor will engage a marketing firm to develop a package of education and outreach tools to enhance the campaign's messaging as well as a marketing strategy. The media products will be usable by the broader region and particularly the Lower Iowa River watershed once completed.

Additional services include holding several community events to further promote the campaign's messages. Making citizens aware of the local tools and funding available to help them be better stewards of their local watershed should be reflected in increased usage of cost share funds provided by these cities.

**Original Selection Process Summary:** City of Coralville was awarded a subaward grant from DNR's solicitation for Clean Water Education Campaigns targeted at Iowa public entities (city, county government entities, 28E, 28H, and 28I entities).

**Contract History:**

**Original Contract Terms:** Amount \$75,000; Timeframe: November 20, 2018 to May 15, 2020; Purpose: Carry out the *Urban Soil Health IQ* campaign as proposed and selected by the subaward grant solicitation process.

**Amendment 01 Terms:** Amount: \$50,000; Timeframe: May 1, 2020 to May 15, 2021; Purpose: Allow for additional time, funds, and tasks to be invested into the *Urban Soil Health IQ* campaign after satisfactory completion of the Original Contract.

Steve Konrady, Nonpoint Source Project Manager, Water Quality Bureau  
Environmental Services Division  
April 21, 2020

**Amendment Scope of Work and Budget Changes:**

<b>Deliverable</b>	<b>Task Milestone Date</b>
<u>Original Task 1 is not revised and is completed per the Original Contract</u>	Completed: January 4, 2019
<u>Original Task 2 is revised as follows:</u> Task 2: Regular status updates, event notifications Description of Revision: Description of Task 2 remains the same as the Original Contract.	Additional task dates: July 15, 2020; October 15, 2020; January 15, 2021; April 15, 2021
<u>Original Task 3 is revised as follows:</u> Task 3: Final narrative report Description: Description of Task 3 remains the same as the Original Contract.	Revised task date: No later than April 15, 2021

Amount of Original Contract	\$75,000
Amount of Current Amendment	\$50,000
Total	\$125,000

**Total Budget Line Items (DNR Portion):**

• Advertising/Mailings:	\$10,433
• Contractual (graphics, media, strategy services):	\$76,813
• Outreach events and tabletop display:	\$23,500
• Demonstration sites and cost share support:	\$14,254
<b>TOTAL:</b>	<b>\$125,000</b>

**Scope Modifications:**

- Expanding original subcontract for graphics and media (Contractual line) to develop additional marketing strategy for stormwater practices beyond soil quality restoration.
- DNR support of cost share for demonstration practices in the participant cities, boosting local cost share
- Creation of additional stormwater animation story used as part of marketing and education package
- Additional digital advertising campaign
- Summer/fall 2020 and spring 2021 events

Iowa Department of Natural Resources  
Environmental Protection Commission

# 8

Decision Item

Memorandum of Understanding with Iowa Department of Administrative Services

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**Commission approval is requested for a Memorandum of Understanding (MOU) with Iowa Department of Administrative Services (DAS), of Des Moines, IA.**

**Contract Terms:**

**Amount:** Not to exceed \$40,000

**Dates:** May 1, 2020 to June 30, 2022.

**Funding Source(s):** U.S. EPA Section 319 grant to DNR, Grant Number 00740425

**Statutory Authority:** Funds are administered by DNR under statutory authority granted by Iowa Code section 455B.103 and an U.S. EPA approved work plan.

**Contract Background:** Through stormwater Best Management Practice (BMP) projects across the Capitol Complex, the DNR is building a relationship with DAS as a peer agency with state land management duties. Bioretention cells, prairie establishments, and other BMPs are currently being established by DAS with DNR providing technical and financial support. These projects have begun to transform the Capitol Complex and improve the sustainability and resilience of DAS's facility management and grounds keeping operations.

A priority erosion issue at Terrace Hill, Iowa's Governor's Mansion, was brought to DNR's attention by a DAS site administrator. Stormwater from the mansion roof and parking areas is channeled over-land and via pipe, causing gully erosion to form. This causes associated problems such as reduced grass growth, sidewalk undercutting, and retaining wall settling. DNR visited the site several times with IDALS Urban Conservation staff and has conducted pre-project work at the site including the required cultural investigation.

**Contract Purpose:** The MOU will provide funding to design BMPs that will address the stormwater management and erosion issues at the highest priority sites on the Terrace Hill grounds. The MOU will facilitate the development of plans for the installation of BMPs consistent with the vision for the landscape and architectural preservation of the Terrace Hill National Historic Landmark and capable of abating stormwater erosion and sediment pollution at the site. Additionally, the BMPs at the Terrace Hill National Historic Landmark will provide an educational demonstration of water quality improvement practices and the programs that fund them. Terrace Hill sees nearly 10,000 annual visitors. The proposed primary BMP site is directly adjacent to the main public entrance to the mansion that visitors are escorted through on tours or state visits. Through the use of educational signage and outreach tours by Terrace Hill and DAS staff, the BMPs will provide an example to visitors of the methods actively being used by DNR and DAS to effectively and sustainably improve water quality on state owned lands and properties.

**Selection Process Summary:** INTERGOVERNMENTAL: Intergovernmental contracting with DAS is authorized under 11 IAC 118.4. Also 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:**

**20ESDWQBSKONR-0002**, Capitol Terrace Bioretention Cell Implementation; Timeframe: August 3, 2019 to June 30, 2020; Amount \$165,200; Amendment: Amendment #01 to add \$35,200 for additional costs to meet accepted bid for construction and to modify scope to allow for bid timeframe.

Steve Konrady, Project Officer, Water Quality Bureau  
Environmental Services Division  
April 21, 2020

**Scope of Work and Budget:**

- **Preconstruction Services and Construction Management** – DAS shall subcontract construction management services which include all process related to bid letting for design and construction, managing Request for Proposal processes, and meeting facilitation regarding these efforts. This process will result in the selection of a design and engineering subcontractor that has demonstrated capacity or history of working with National Historic Landmarks and adhering to all regulations for working with federal funding. **Budget** – Not to exceed \$15,000
- **Practice Design** – The chosen subcontractor for practice design from the previous scope item shall provide: complete design document package for the final practice type, bid documents for a future construction subcontract, and participate in the construction subcontractor selection process. **Budget** – Not to exceed \$25,000
- **Oversight** - As part of the MOU, invitations to all essential meetings for subcontractor selection, guidance, and deliverable review shall be extended to DNR. As part of the National Historic Preservation Act Section 106 review process, one or more representatives of the State Historic Preservation Office (SHPO) shall also be involved at the intro, 50%, and pre-final points of each deliverable stage as determined necessary by DNR and SHPO. **Budget** – None

**Total Budget:** Not to exceed \$40,000