



**ADDENDUM #1 – APRIL 21, 2026**  
 REQUEST FOR QUALIFICATIONS (RFQ)  
 CONSOLIDATED AIRCRAFT DEICING OPERATOR SERVICES

Commission Contact: Daniel B. Brown  
 Director of Operations  
 d.brown@flyCID.com  
 Phone: (319) 731-5718

This Addendum is added to and shall become a part of the Request for Qualifications (RFQ) documents dated April 01, 2026. Proposers shall acknowledge receipt of this Addendum in the Letter of Transmittal. Failure to comply may result in rejection of the Proposal.

Note:	The Response Due Date <u>has not</u> been changed.	Due Date:	<b>Thursday, May 07, 2026</b>
	The Response Time <u>has not</u> been changed.	Time Due:	<b>2:00 PM (CDT)</b>

❖ This Addendum consists of the following:

### SECTION 1: CLARIFICATIONS TO RFQ CONTENT

1.1. None

### SECTION 2: QUESTIONS AND ANSWERS

#### 2.1 Has there been a Phase 1 inspection on the old fuel farm? Was any contamination identified?

A Phase I Environmental Site Assessment has not been completed; therefore, the presence or absence of contamination in the area has not been formally evaluated.

#### 2.2 Will the Leasehold Property be connected to the airfield?

Currently, the Leasehold is not directly connected to the airfield; however, there have been discussions of connecting it via a gate.

#### 2.3 Clarify glycol recovery requirements. What is a spill? What is spent fluid?

The Operator shall, at all times during the term of this Operating Agreement, maintain a minimum of one (1) fully functional glycol recovery vehicle and shall establish, maintain, and implement written spill response procedures.

We consider a spill is an unintended release of glycol (or other fuel/chemical) outside of controlled application and collection systems.

Spent fluid is defined as de-icing/anti-icing fluid after application, typically mixed with snow and ice meltwater, as well as dirt, rubber, and debris from aircraft and pavement.

#### 2.4 Will airlines be required to use the selected operator?

Reference Purpose, page 3 of RFQ. The Operator will be required to enter into individual agreements with the individual aircraft operators including Air Carriers and Cargo Carriers (each a "Carrier" and collectively the "Carriers") at the Airport ("Carrier Agreements").

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**2.5 Can an operating agreement or draft of one be provided?**

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The operating agreement will be negotiated between the Commission and selected operator based on terms in the RFQ and the operator's proposal.

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**2.6 Will the Operator be required to enter into an agreement with the airport?**

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Yes, the operating agreement will be negotiated between the Commission and selected operator based on terms in the RFQ and the operator's proposal.

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**2.7 Can you provide a flight count for each airline and cargo from October 2025 – March 2026?**

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Yes, the flight count is attached in Exhibit A.

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**2.8 Can we get copies of decommissioning documentation of the old fuel farm and any photographs of existing conditions?**

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Yes, the AST Decommissioning and Removal Work Completion Report is attached in Exhibit B.

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**2.9 Has a Phase 1 or Phase 2 evaluation, or a Remedial Action Plan of the old fuel farm been performed and is the operator indemnified for existing contamination? And if contamination exists, please share what those chemicals are?**

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A Phase I or II Environmental Site Assessment has not been completed; therefore, the presence or absence of contamination in the area has not been formally evaluated.

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**2.10 Is there a minimum requirement for fluid storage (Type I/Type IV)?**

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The system shall provide a minimum storage capacity of 20,000 gallons for Type I fluid and 15,000 gallons for Type IV fluid

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**2.11 Can you provide historical information on how much fluid is sprayed annually? Or collected?**

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Based on limited reported data from a single operator, estimated total glycol usage for all operators (five airlines and three cargo carriers) is approximately 70,000 to 90,000 gallons of Type I glycol and 10,000 to 15,000 gallons of Type IV glycol for the current deicing season. These figures are rough estimates only, as actual usage may vary significantly based on operational activity, fleet mix, and weather conditions. Currently, each operator is responsible for tracking and reporting their own glycol usage.

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**2.12 Is there a power source? Water source?**

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A 480V, three-phase power source is available. There is a 2-inch service line available at the fluid farm. If a larger one is needed, the 2-inch is fed from a 6-inch along Chanute, which is fed from an 8-inch along 18th street.

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**2.13 The water for the fluid station, will it be metered and what is the cost per gallon? Same question for the power at that facility.**

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Water service to the fluid station will be metered. Based on a comparable project, current rates include a daily service charge plus a volumetric charge, totaling approximately \$4.25 per hundred cubic feet (CCF); however, actual rates may vary. Electrical service (480V, three-phase) will also be metered, with costs determined in accordance with the applicable utility rate schedule.

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**2.14 For the water source, who is responsible for getting the water line to the fluid farm area? Vendor or airport?**

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Vendor

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**2.15 Secondary containment requirements. Existing or required for new tanks. Is there a percentage of secondary containment – i.e. 50% of tank capacity etc?**

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Existing tanks are dual walled tanks and do not require secondary containment; however, if you choose to construct new tanks, secondary containment for the fluid facility shall be designed to hold the full capacity of the largest single storage container, plus sufficient freeboard to accommodate precipitation, where applicable. The containment system shall be constructed of materials that are sufficiently impervious to prevent the release of stored fluids. Where multiple tanks are located within a single containment area, the required capacity shall be based on the volume of the largest tank only.

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**2.16 What is the airport permitting process for construction of the fluid facility?**

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All required permits shall be obtained by the vendor through the City of Cedar Rapids.

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**2.17 Is FAA form 7460 required for construction?**

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Yes

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**2.18 List of preferred mechanical and construction contractors that the airport has used/are using**

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The Airport does not endorse any particular contractor. All contractors performing work must be properly licensed, bonded, and in good standing.

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**2.19 Does the FBO have their own aircraft deicing/anti-icing fluid supply?**

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Yes

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**2.20 What are the garage door heights?**

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14 feet

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**2.21 Is the building on the landside or airside?**

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Currently, the Leasehold is not directly connected to the airfield; however, there have been discussions of connecting it access via a gate.

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**2.22 Can you provide any information on utility costs for leasehold space?**

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The current lease facility fees are assessed on an annual basis as shown below, based on a 28% proration of water/gas costs and a 12% proration of electricity costs billed to the Airport, reflecting multiple tenants sharing the same utility meters. This may change due to new tenant's consumption and usage.

	Water	Gas	Electricity	Total
Apr-25	\$ 40	\$ 142	\$ 36	\$ 218
May-25	28	38	48	114
Jun-25	29	24	40	94
Jul-25	36	24	79	139
Aug-25	19	24	87	130
Sep-25	20	24	91	134
Oct-25	15	25	72	112
Nov-25	7	108	72	187
Dec-25	36	378	90	503
Jan-26	30	521	110	660
Feb-26	30	372	98	500
Mar-26	38	256	99	393
Total	\$ 326	\$ 1,935	\$ 923	\$ 3,183

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**2.23 Are there any restrictions on conducting GSE work in the leasehold area?**

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There are no specific restrictions on conducting GSE (Ground Support Equipment) work within the leasehold area, provided all activities are performed in accordance with Airport rules and regulations, applicable environmental requirements, and safety standards. Any work must not interfere with airport operations or violate designated operational, safety, or environmental restrictions.

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**2.24 Is the glycol recovery vehicle requirement only for spills? Or is active collection expected with the unit?**

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Glycol recovery shall be required for all spills and for any glycol applied or discharged outside of designated containment and collection areas.

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**2.25 If glycol is recovered with the GRV, are we responsible for storing that spent fluid, or is there on field disposal available? If we use the GRV, can that be disposed of on the pad containment?**

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Yes, there are designated on-airfield locations available for the disposal of recovered glycol. The vendor will not be responsible for long-term storage of spent fluid. Glycol recovered using a glycol recovery vehicle (GRV) may be discharged into approved containment areas, subject to airport procedures and applicable environmental requirements.

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**2.26 Is the operator responsible for the recovery of SADF from other users of the deicing pads (general aviation)?**

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No

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**2.27 In the event of a glycol spill, is the operator responsible for remediation for third-party users (general aviation)?**

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No

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**2.28 How has the airport/airlines historically managed the spent aircraft deicing fluid (SADF)?**

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Historically, spent aircraft deicing fluid (SADF) has been managed through collection in designated containment and drainage systems on the ramp, with conveyance to the airport's approved stormwater treatment and disposal system in accordance with established airport procedures and environmental requirements.

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**2.29 How can a perspective Contractor obtain a copy of the airport's existing NPDES Permit?**

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Attached in Exhibit C is the Industrial Discharges to the City of Cedar Rapids (MP4 Permit), NPDES Individual Permit, and Amendment 1. Renewal applications have been submitted for both permits, and we are awaiting renewed permits for both. We have been approved to operate under the existing permits in the interim. Construction of the centralized deicing facility would require modification or a new NPDES Individual permit.

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**2.30 Does the airport have a permit to discharge the spent aircraft deicing fluid (SADF) to the local wastewater treatment facility? If so, are there specific discharge limits? Please supply a copy of the permit, if there is one.**

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Attached in Exhibit C is the Industrial Discharges to the City of Cedar Rapids (MP4 Permit), NPDES Individual Permit, and Amendment 1. Renewal applications have been submitted for both permits, and we are awaiting renewed permits for both. We have been approved to operate under the existing permits in the interim. Construction of the centralized deicing facility would require modification or a new NPDES Individual permit.

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**2.31 Age requirement for the GRV? Is it similar to the deice truck requirements?**

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Yes, The GRV must be no more than five (5) years old at the time of initial service and no more than fifteen (15) years old at any point during the term of the Operating Agreement. However, if documentation is provided demonstrating that the GRV has been refurbished by the original manufacturer, the date of refurbishment shall be considered the new baseline date for age determination by the Airport.

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**2.32 Will we be responsible for deicing FBO operations?**

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No, this remains the responsibility of the FBO.

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**2.33 Will we be required to charge concession fees to any customers?**

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This will be determined by the Commission with the selected operator.

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**2.34 Is the ramp control position only required when deicing operations are in effect?**

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Yes, the ramp control position is required solely during periods when deicing operations are active and is not required when deicing operations are not in effect. However, the Airport requires the Operator to provide a plan demonstrating how this function will be supported in the event of occasional diversions or unscheduled flights.

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**2.35 Will the airport/airlines provide guidance on how queuing to the deicing pad is prioritized? Is it based on order of flight crew requesting deicing services or something else, are there exceptions for priority situations (flight crew timing out, etc).**

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Yes, the Airport and/or airlines will provide operational guidance on queuing and prioritization for access to the deicing pad. Queuing is generally managed based on operational requirements and flight crew requests for deicing services, with coordination through the ramp control position. Exceptions may apply in priority situations, such as aircraft experiencing timing constraints (e.g., crew duty time limitations), emergency operations or other operational considerations, as directed by the Airport and/or airline representatives.

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**2.36 Is a draft copy of the operating agreement between the service provider and the airport available to review?**

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The operating agreement will be negotiated between the Commission and selected operator based on terms in the RFQ and the operator's proposal.

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**2.37 Regarding the Professional Liability coverage, can this be satisfied through the contractor who will be doing the work on the facility? Since this is typically held by the engineer of record and any engineering design and construction drawings for permit would be sealed by the Engineer of Record for the state in which they are performing services, could this wait until the supplier selection is made? We have received comments back from our insurer that this amount is higher than the industry standard. Can you provide more information on this?**

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The insurance limits set forth in this Attachment represent the Commission's preferred minimum requirements. Respondents who believe that one or more of the specified limits are not commercially available, are cost-prohibitive given the scope of services proposed, or are otherwise disproportionate to the risk presented, may propose alternative limits as part of their response. Any proposed deviation from the stated limits must be clearly identified in the respondent's submission and must include: (a) the specific coverage and limit being modified; (b) the proposed alternative limit; (c) a written explanation of the basis for the proposed modification; and (d) any additional risk mitigation measures the respondent proposes to offset the reduced limit. All proposed modifications are subject to review and approval by the Commission at its sole discretion prior to Operating Agreement execution. The Commission reserves the right to reject any proposed modification or to negotiate alternative terms.

Respondents are encouraged to contact the Commission's designated representative prior to submission if they have questions regarding the appropriateness of a specific limit for the scope of work proposed.

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**2.38 Can you provide recommendations for local engineering firms?**

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The Airport does not endorse any particular engineering firm. All firms performing work must be properly licensed, bonded, and in good standing.

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The Eastern Iowa Airport  
Landings by Carrier  
October 2025 - March 2026

Landings		Month						Grand Total
Airline Marketing	Air Carrier	2025 - 10	2025 - 11	2025 - 12	2026 - 1	2026 - 2	2026 - 3	
Allegiant Air	Allegiant Air	72	70	95	95	97	114	543
<b>Allegiant Air Total</b>		<b>72</b>	<b>70</b>	<b>95</b>	<b>95</b>	<b>97</b>	<b>114</b>	<b>543</b>
American Connection	American Airlines (Mainline)	73	62	102	93	127	165	622
	American Connection (Envoy)	308	129	115	112	66	9	739
	American Connection (PSA)	29	79	23	25	40	52	248
	American Connection (Republic)		50	54	9	22	38	173
	American Connection (SkyWest)	3	58	61	86	77	89	374
<b>American Connection Total</b>		<b>413</b>	<b>378</b>	<b>355</b>	<b>325</b>	<b>332</b>	<b>353</b>	<b>2,156</b>
Charters	Air Planning		2					2
	Air Wisconsin (Charters)	1						1
	Allegiant Air (Charter)			1	2	1	3	7
	Avelo Airlines						3	3
	Best Jets		1		2			3
	Breeze Airways			4		3		7
	Eastern Airlines LLC						3	3
	Freight Runner Express	9	5	2	2	2	7	27
	Global Crossing Airlines			2	1		1	4
	Kalitta Charters, LLC			1				1
	Key Lime Air					1		1
	Meregrass, Inc		3		4	4	4	15
	MN Airlines LLC dba Sun Country Airlines	4	4	1	1	4	3	17
	Omni Air		2	1	1			4
	Pass Charter				1			1
	Republic Charter				2	3	3	8
	RVR Aviation			1				1
Sky West Charter	2	1	1	4			8	
STM Charters			1			1	2	
Tri State Charters		1		2			3	
United Airlines (Charters)	2						2	
<b>Charters Total</b>		<b>18</b>	<b>20</b>	<b>14</b>	<b>22</b>	<b>19</b>	<b>29</b>	<b>122</b>
Delta Connection	Delta Airlines	123	114	30	30	30	32	359
	Delta Connection (Endeavor Air, Inc.)			126	45			171
	Delta Connection (SkyWest Airlines)	14		17	36	79	84	230
<b>Delta Connection Total</b>		<b>137</b>	<b>114</b>	<b>173</b>	<b>111</b>	<b>109</b>	<b>116</b>	<b>760</b>
DHL Express	ABX Air, Inc.	1				1		2
	DHL Express (Kalitta Charters II LLC)	45	37	37	35	39	41	234
<b>DHL Express Total</b>		<b>46</b>	<b>37</b>	<b>37</b>	<b>35</b>	<b>40</b>	<b>41</b>	<b>236</b>
Federal Express	Federal Express Corp	46	38	55	53	56	63	311
<b>Federal Express Total</b>		<b>46</b>	<b>38</b>	<b>55</b>	<b>53</b>	<b>56</b>	<b>63</b>	<b>311</b>
Frontier Airlines	Frontier Airlines	18	18	12	7	7	17	79
<b>Frontier Airlines Total</b>		<b>18</b>	<b>18</b>	<b>12</b>	<b>7</b>	<b>7</b>	<b>17</b>	<b>79</b>
Misc. Cargo	Airnet II Doug Kalitta Holdings	8	5	6	3	6	2	30
<b>Misc. Cargo Total</b>		<b>8</b>	<b>5</b>	<b>6</b>	<b>3</b>	<b>6</b>	<b>2</b>	<b>30</b>
United Express	United Airlines	118	83	92	94	83	95	565
	United Express (GoJet Airlines)	75	109	100	47	73	63	467
	United Express (Republic Airways)		4		43	17	3	67
	United Express (SkyWest Airlines)	47	19	19	35	39	78	237
<b>United Express Total</b>		<b>240</b>	<b>215</b>	<b>211</b>	<b>219</b>	<b>212</b>	<b>239</b>	<b>1,336</b>
United Parcel Service	United Parcel Service	47	35	36	40	40	39	237
	UPS (AmeriFlight)	1		2	1	1		5
<b>United Parcel Service Total</b>		<b>48</b>	<b>35</b>	<b>38</b>	<b>41</b>	<b>41</b>	<b>39</b>	<b>242</b>
<b>Grand Total</b>		<b>1,046</b>	<b>930</b>	<b>996</b>	<b>911</b>	<b>919</b>	<b>1,013</b>	<b>5,815</b>



January 23, 2025

Ms. Shannon Collins  
Signature Aviation  
13485 Veterans Way, Suite 600  
Orlando, Florida 32827

**Subject: Aboveground Storage Tanks (ASTs) Decommissioning, Removal, and Cleaning  
Signature Aviation - CID  
3525 Beech Way SW  
Cedar Rapids, Iowa**

Dear Ms. Shannon Collins:

**Apex Companies, LLC (Apex)** is pleased to present this report outlining the work that was completed to decommission and remove the three 12,000-gallon ASTs, as well as clean one 3,000-gallon Oil/Water Separator (OWS) in the West Fuel Farm area located at 3525 Beech Way SW in Cedar Rapids, IA. In addition to the AST decommissioning, removal, and OWS cleaning, Apex also removed and disposed of the fluid contents at a fuel recovery facility and cleaned four 12,000-gallon ASTs, one 20,000-gallon AST, and one 1,000-gallon AST located in the East Fuel Farm area at the same Cedar Rapids facility.

## Background

Apex personnel mobilized to the site on November 4, 2024, to execute the decommissioning project. The contents of three 12,000-gallon ASTs in the West Fuel Farm area were removed and hauled away to a fuel recovery facility. Following removal of the liquid contents, each AST was triple rinsed and certified cleaned. Copies of the Clean Tank Certifications are included as **Appendix A**. After cleaning activities, the subsurface conduits and aboveground piping associated with the ASTs were disconnected and removed. On November 6, 2024, the three 12,000-gallon ASTs were loaded onto trailers, and hauled away to Alter Metal Recycling in Cedar Rapids, IA for proper disposal. Upon removal of the ASTs, each concrete pad beneath the former tanks were removed and hauled away. On November 8, 2024, following removal of the concrete, the former tank farm area was graded in preparation for hydroseeding (hydroseeding completed on November 20, 2024). All activities were performed under the direct supervision of Apex's licensed UST Decommissioning Certified personnel, Mr. Matt Sheeder (License #1425). The detailed Scope of Work is listed below:

## Work Scope at West Fuel Farm:

- Notified Signature of Apex's work schedule;
- Placed public and private one call tickets;
- Notified the City of Cedar Rapids Fire Marshall and the Iowa Department of Natural Resources of the AST decommissioning;
- Acquired appropriate badging to allow personal to enter the site;
- Mobilized the necessary personnel, equipment, and safety equipment to the job site;
- Barricaded the work areas surrounding each AST prior to decommissioning activities;
- Disconnected all power from the AST system with a licensed Electrician;

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Apex Companies, LLC • (800) 733-2739 • [www.apexcos.com](http://www.apexcos.com)

- Removed all electrical and data/communication lines (including Conduits) back to point of service;
- Removed the fuel/water mixture from the three ASTs located on the west Fuel Farm, Apex removed 5,000 gallons of liquid. All liquids went to a fuel recovery facility that handles fuel/water mix ;
- Inert each AST prior to cleaning activities;
- Entered each AST via Confined Space Entry (CSE) methods and cleaned each AST by power washing and vacuuming out the rinse water;
- Obtained Clean Tank Certificates;
- Disconnected and cleaned associated product piping components;
- Hauled away all AST piping and associated components for proper disposal at a scrap metal recycling facility;
- Removed each AST from their concrete pad foundations, loaded on a flatbed trailer, and hauled away for proper disposal a scrap metal recycling facility;
- Removed concrete pad foundations and hauled away for proper disposal at a concrete recycling plant;
- Accessed OWS and removed 3,000-gallons of liquid from the system and hauled away for proper disposal at an approved disposal facility that handles petroleum impacted materials;
- Cleaned the interior by power washing and vacuuming out the rinse water;
- Hauled away all OWS wash water for proper disposal at an approved disposal facility that handles petroleum impacted materials;
- Hydroseeded any disturbed vegetated area.

On November 20, 2024, Apex personnel returned to the site and removed the contents and cleaned the West Fuel Farm 3,000-gallon OWS. Following the OWS cleaning, the liquid contents were removed and hauled off site for proper disposal. Disposal documentation of all liquid contents is included as **Appendix B**.

#### Work Scope at East Fuel Farm:

- Barricaded the work areas surrounding the four 12,000-gallon ASTs, one 20,000-gallon AST, and one 1,000-gallon AST;
- Removed fuel mixture from each of the six ASTs at the East Fuel Farm, Apex removed 6,000 - gallons of liquid and,
- Provided a report summary to Signature Aviation that documented the work performed for the on-site.

#### Supplemental Information

AST decommissioning, removal, and cleaning activities began on November 4, 2024, and were completed by November 20, 2024. A photographic log depicting the AST decommissioning, removal, and cleaning activities are included as **Appendix C**. An aerial map depicting the location of the AST decommissioning, removal, and cleaning is included as **Appendix D**.



Apex appreciates the opportunity to provide AST decommissioning services for Signature Aviation on the CID – Cedar Rapids location. If you have questions or comments regarding the information in the report, please contact us if we can assist you further.

Sincerely,

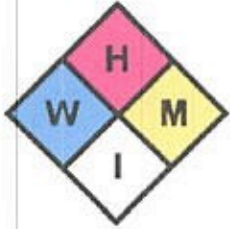
**Apex Companies, LLC**



Matthew Sheeder  
Project Manager  
Matthew.Sheeder@apexcos.com



**Appendix A**  
**Clean Tank Certifications**



# Hazardous Waste Management, Inc.

Disposal, Consulting, Fuel Tank Cleaning



P.O. Box 159

Waukee, IA 50263

Phone 515-986-4800 / Fax 515-986-4999

Serving Iowa Since 1989

hwmiswat@aol.com

## CLEAN TANK CERTIFICATE

Date Of Cleaning 11/6/24

Tank Owner Eastern Iowa Airport (Signature Aviation)

Contact Person \_\_\_\_\_

Address 2121 Arthur Collins Pkwy SW Cedar Rapids, IA

Tank Location If Different Than Above :  
Address \_\_\_\_\_

Tank Contents JET A

Tank Size 1,000

Type Of Tank Steel  Fiberglass \_\_\_\_\_

Contractor Apex Companies

Contractor Address 3227 99th  
Urbandale, IA

Cleaning Procedure Manway removed, power washed  
vacuumed Dry

NOTE: All tanks may regenerate flammable vapors even after cleaning. Double wall tanks and tanks with interior lining are most likely to regenerate. - Caution should be taken if cutting tanks with "Sparking" tools / equipment.

We hereby certify the tank description above is an empty container in accordance with Federal Regulation 40 CFR 261.7 (b) (1) (i,ii,iii) (a,b) and / or triple wash and rinsed in accordance with Federal Regulation 40 CFR 261.7 (b) (3) (i,ii,iii) (a,b).

Hazardous Waste Management, Inc. Representative

Kenny Dewart

Date

11/6/24



# Hazardous Waste Management, Inc.

Disposal, Consulting, Fuel Tank Cleaning



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hwmiswat@aol.com

## CLEAN TANK CERTIFICATE

Date Of Cleaning 11/6/24

Tank Owner Eastern Iowa Airport (Signature Aviation)

Contact Person \_\_\_\_\_

Address 2121 Arthur Collins Pkwy SW, Cedar Rapids, IA

Tank Location If Different Than Above :  
Address \_\_\_\_\_

Tank Contents JET A

Tank Size 12000

Type Of Tank Steel  Fiberglass \_\_\_\_\_

Contractor Apex Companies

Contractor Address 3227 99th  
Urbandale, Iowa

Cleaning Procedure Manway removed, power washed  
Vacuumed Dry

NOTE: All tanks may regenerate flammable vapors even after cleaning. Double wall tanks and tanks with interior lining are most likely to regenerate. - Caution should be taken if cutting tanks with "Sparking" tools / equipment.

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Hazardous Waste Management, Inc. Representative

Kenny Dewart

Date

11/6/24



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hwmiswat@aol.com

## CLEAN TANK CERTIFICATE

Date Of Cleaning 11/6/24

Tank Owner Eastern Iowa Airport (Signature Aviation)

Contact Person \_\_\_\_\_

Address 2121 Arthur Collins Pkwy SW, Cedar Rapids, IA

Tank Location If Different Than Above :  
Address \_\_\_\_\_

Tank Contents JET A

Tank Size 12,000

Type Of Tank    Steel X                      Fiberglass \_\_\_\_\_

Contractor Apex Companies

Contractor Address 3227 99th  
Urbandale, Iowa

Cleaning Procedure Manway removed, power washed  
Vacuumed Dry

NOTE: All tanks may regenerate flammable vapors even after cleaning. Double wall tanks and tanks with interior lining are most likely to regenerate. - Caution should be taken if cutting tanks with "Sparking" tools / equipment.

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Hazardous Waste Management, Inc. Representative

Kenny Dewart

Date

11/6/24



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## CLEAN TANK CERTIFICATE

Date Of Cleaning 11/6/24

Tank Owner Eastern Iowa Airport (Signature Aviation)

Contact Person \_\_\_\_\_

Address 2121 Arthur Collins Pkwy SW Cedar Rapids, IA.

Tank Location If Different Than Above :  
Address \_\_\_\_\_

Tank Contents AvGas

Tank Size 12,000

Type Of Tank Steel  Fiberglass \_\_\_\_\_

Contractor Apex Companies

Contractor Address 3227 99th St.  
Urbandale, IA

Cleaning Procedure Manway removed, power washed  
vacuumed dry

NOTE: All tanks may regenerate flammable vapors even after cleaning. Double wall tanks and tanks with interior lining are most likely to regenerate. - Caution should be taken if cutting tanks with "Sparking" tools / equipment.

We hereby certify the tank description above is an empty container in accordance with Federal Regulation 40 CFR 261.7 (b) (1) (i,ii,iii) (a,b) and / or triple wash and rinsed in accordance with Federal Regulation 40 CFR 261.7 (b) (3) (i,ii,iii) (a,b).

Hazardous Waste Management, Inc. Representative

Kenny Dwyer

Date

11/6/24

**Appendix B**  
**Liquid Content Disposal Documentation**

**NON-HAZARDOUS WASTE MANIFEST**

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

U.S. EPA ID Number

Facility's Phone:

9. Waste Shipping Name and Description

10. Containers

11. Total Quantity

12. Unit Wt./Vol.

No.

Type

1. *Non-hazardous waste - liquid*  
*(oil)*

1

TI

3000

6

2.

3.

4.

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offoror's Printed/Typed Name

Signature

Month Day Year

*David Cook* *[Signature]* *11/21/07*

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit:

Transporter Signature (for exports only):

Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

*[Signature]* *[Signature]* *11/21/07*

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

**NON REGULATED WASTE MANIFEST**

**MANIFEST # No. 18234**

<b>GENERATORS NAME AND ADDRESS</b> <i>Signature Auction</i> <i>3025 Commerce Way</i> <i>Madison, MO 64703 IA.</i>	<b>CONTACT NAME</b>
	<b>PHONE #</b>
	<b>P.O. #</b>

<b>TRANSPORTER</b> HWMI 2000 SE 44th Court Grimes, IA 50111	<b>PHONE #</b> 515-986-4800	<b>FAX #</b> 515-986-4999
---	--------------------------------	------------------------------

<b>DESIGNATED FACILITY AND SITE ADDRESS</b> Lonewolf Petroleum Co. 1790 Hughes Landing Blvd. Suite 100 The Woodlands, TX 77380	<b>FACILITY PHONE #</b> 713-389-0448	<b>FAX #</b>
--	---	--------------

WASTE SHIPPING NAMES AND DESCRIPTIONS	TOTAL QUANTITY
<input type="checkbox"/> Used Oils/Water Mixture Non D.O.T. Regulated Material	
<input checked="" type="checkbox"/> Used Fuel Oils/Water Mixture Non D.O.T. Regulated Material	2300 gal.
<input type="checkbox"/> Used Oils/Water/Sludge Mixture Non D.O.T. Regulated Material	
<input type="checkbox"/> Used Antifreeze/Water Mixture Non D.O.T. Regulated Material	
<input type="checkbox"/> Waste Water Non D.O.T. Regulated Material	
<input type="checkbox"/>	

<b>ON-SITE TIME:</b> _____ <b>ARRIVE:</b> _____ <b>DEPART:</b> _____ Generator's Signature: _____	<b>SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION</b>
--	---

**GENERATORS CERTIFICATION STATEMENT**

I HEREBY CERTIFY THAT THE CONTENTS OF THIS SHIPMENT ARE FULLY AND ACCURATELY DESCRIBED AND CLASSIFIED. MY SIGNATURE WARRANTS THAT THE INFORMATION IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE, AND THIS SHIPMENT CONTAINS NO MATERIALS REGULATED BY TSCA OR CFR 40 SECTION 261 SUBPARTS C&D REGULATIONS FOR HAZARDOUS WASTE.

<b>SIGNATURE</b> <i>[Signature]</i>	<b>DATE</b> 11-7-2021
<b>TRANSPORTER</b> <i>[Signature]</i>	<b>DATE</b> 11-7-24
<b>FACILITY OPERATOR</b>	<b>DATE</b>

**NON REGULATED WASTE MANIFEST**

**MANIFEST # No. 18285**

<b>GENERATORS NAME AND ADDRESS</b> 3745 Farmway Cedar Rapids, IA	<b>CONTACT NAME</b>
	<b>PHONE #</b>
	<b>P.O. #</b>

<b>TRANSPORTER</b> HWMI 2000 SE 44th Court Grimes, IA 50111	<b>PHONE #</b> 515-986-4800	<b>FAX #</b> 515-986-4999
---	--------------------------------	------------------------------

<b>DESIGNATED FACILITY AND SITE ADDRESS</b> Lonewolf Petroleum Co. 1790 Hughes Landing Blvd. Suite 100 The Woodlands, TX 77380	<b>FACILITY PHONE #</b> 713-389-0448	<b>FAX #</b>
--	---	--------------

WASTE SHIPPING NAMES AND DESCRIPTIONS	TOTAL QUANTITY
<input type="checkbox"/> Used Oils/Water Mixture Non D.O.T. Regulated Material	
<input checked="" type="checkbox"/> Used Fuel Oils/Water Mixture Non D.O.T. Regulated Material	2850 gal
<input type="checkbox"/> Used Oils/Water/Sludge Mixture Non D.O.T. Regulated Material	
<input type="checkbox"/> Used Antifreeze/Water Mixture Non D.O.T. Regulated Material	
<input type="checkbox"/> Waste Water Non D.O.T. Regulated Material	
<input type="checkbox"/>	

<b>ON-SITE TIME:</b> _____ <b>ARRIVE:</b> _____ <b>DEPART:</b> _____ Generator's Signature: _____	<b>SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION</b>
--	---

**GENERATORS CERTIFICATION STATEMENT**

I HEREBY CERTIFY THAT THE CONTENTS OF THIS SHIPMENT ARE FULLY AND ACCURATELY DESCRIBED AND CLASSIFIED. MY SIGNATURE WARRANTS THAT THE INFORMATION IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE, AND THIS SHIPMENT CONTAINS NO MATERIALS REGULATED BY TSCA OR CFR 40 SECTION 261 SUBPARTS C&D REGULATIONS FOR HAZARDOUS WASTE.

<b>SIGNATURE</b> _____	<b>DATE</b> 11/6/04
<b>TRANSPORTER</b> _____	<b>DATE</b> 11/6/04
<b>FACILITY OPERATOR</b> _____	<b>DATE</b> _____

**NON REGULATED WASTE MANIFEST**

**MANIFEST # No. 18286**

<b>GENERATORS NAME AND ADDRESS</b> Signature Authority 3525 Broadway Pedco Resources, Inc.	<b>CONTACT NAME</b>
	<b>PHONE #</b>
	<b>P.O. #</b>

<b>TRANSPORTER</b> HWMI 2000 SE 44th Court Grimes, IA 50111	<b>PHONE #</b> 515-986-4800	<b>FAX #</b> 515-986-4999
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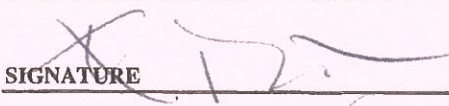
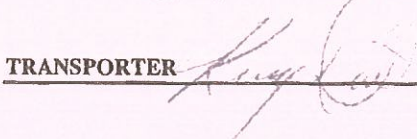
<b>DESIGNATED FACILITY AND SITE ADDRESS</b> Lonewolf Petroleum Co. 1790 Hughes Landing Blvd. Suite 100 The Woodlands, TX 77380	<b>FACILITY PHONE #</b> 713-389-0448	<b>FAX #</b>
--	---	--------------

WASTE SHIPPING NAMES AND DESCRIPTIONS	TOTAL QUANTITY
<input type="checkbox"/> Used Oils/Water Mixture Non D.O.T. Regulated Material	
<input checked="" type="checkbox"/> Used Fuel Oils/Water Mixture Non D.O.T. Regulated Material	2350
<input type="checkbox"/> Used Oils/Water/Sludge Mixture Non D.O.T. Regulated Material	
<input type="checkbox"/> Used Antifreeze/Water Mixture Non D.O.T. Regulated Material	
<input type="checkbox"/> Waste Water Non D.O.T. Regulated Material	
<input type="checkbox"/>	

<b>ON-SITE TIME:</b> _____ <b>ARRIVE:</b> _____ <b>DEPART:</b> _____ Generator's Signature: _____	<b>SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION</b>
--	---

**GENERATORS CERTIFICATION STATEMENT**

I HEREBY CERTIFY THAT THE CONTENTS OF THIS SHIPMENT ARE FULLY AND ACCURATELY DESCRIBED AND CLASSIFIED. MY SIGNATURE WARRANTS THAT THE INFORMATION IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE, AND THIS SHIPMENT CONTAINS NO MATERIALS REGULATED BY TSCA OR CFR 40 SECTION 261 SUBPARTS C&D REGULATIONS FOR HAZARDOUS WASTE.

<b>SIGNATURE</b> 	<b>DATE</b> 11-7-2016
<b>TRANSPORTER</b> 	<b>DATE</b> 11/7/16
<b>FACILITY OPERATOR</b>	<b>DATE</b>

**Appendix C**  
**Tank Recycling Documentation**

Alter Metal Recycling

6305 11th St. SW, Cedar Rapids, IA 52404

MATT SHEEDER  
Vendor # CPOCRT

TICKET#	SHP DATE	COMMODITY	GROSS	TARE	NET	ADJ PAID	WT	VEHICLE #
TSVQPY	11/07/24	SHEET IRON	15340	11920	3420	0	3420	TK TSVQPY
TSVQQD	11/07/24	SHEET IRON	14540	12020	2520	0	2520	TK TSVQQD

---

VENDOR CPOCRT TOTALS (Pounds):

			5940	0	5940			
--	--	--	------	---	------	--	--	--

MATT SHEEDER  
Vendor # CPOCRT

TICKET#	SHP DATE	COMMODITY	GROSS	TARE	NET	ADJ PAID	WT	VEHICLE #
TSVQDE	11/06/24	SHEET IRON	53260	32960	20300	0	20300	TK TSVQC
TSVQOO	11/06/24	SHEET IRON	51660	32920	18740	0	18740	TK TSVQC
TSVQOZ	11/06/24	SHEET IRON	52760	32560	20200	0	20200	TK TSVQC

---

VENDOR CPOCRT TOTALS (Pounds): 59240 0 59240

Alter Metal Recycling

6305 11th St. SW, Cedar Rapids, IA 52404

MATT SHEEDER  
Vendor # CPOCRT

TICKET#	SHP DATE	COMMODITY	GROSS	TARE	NET	ADJ PAID	WT	VEHICLE ID
TSVQPP	11/07/24	SHEET IRON	14720	11940	2780	0	2780	APEX

---

VENDOR CPOCRT TOTALS (Pounds):

					2780	0	2780	
--	--	--	--	--	------	---	------	--

**Appendix D**  
**Photographic Log**

Photograph: 01  
Description: Vacuuming fuel out of the above ground storage tanks.



Photograph: 02  
Description: Vacuuming fuel out of the above ground storage tanks.



Photograph: 03  
Description: Vacuuming fuel out of the above ground storage tanks.



Photograph: 04  
Description: Removing underground conduits from around the aboveground storage tanks.



Photograph: 05  
Description: Removing underground conduits from around the aboveground storage tanks.



Photograph: 06  
Description: Cutting and removing piping associated with the aboveground storage tanks.



Photograph: 07  
Description: Cutting and removing piping associated with the aboveground storage tanks.



Photograph: 08  
Description: Interior view of the aboveground storage tank after being cleaned.



Photograph: 09  
Description: Interior view of the aboveground storage tank after being cleaned.



Photograph: 10  
Description: Interior view of the aboveground storage tank after being cleaned.



Photograph: 11  
Description: Removing the aboveground storage tanks from the concrete pad.



Photograph: 12  
Description: Removing the aboveground storage tanks from the concrete pad.



Photograph: 13  
Description: Loading the empty and cleaned aboveground storage tanks onto semi-trailers for disposal.



Photograph: 14  
Description: Loading the empty and cleaned aboveground storage tanks onto semi-trailers for disposal.



Photograph: 15  
Description: View of one of the three clean tank certificates filled out prior to hauling the aboveground storage tanks off site.

**Hazardous Waste Management, Inc.**  
Hazardous Consulting - Fuel Tank Cleaning  
 P.O. Box 159  
 Waukegan, IL 60085  
 Phone: 815-966-4800 / Fax: 815-966-4999  
 Serving Since 1988  
 hwmusa@aol.com

**CLEAN TANK CERTIFICATE**

Date Of Cleaning: 11/6/24  
 Tank Owner: Falton Iowa Airport (Espresso Machine)  
 Contact Person:  
 Address: 2121 Arthur Collins Hwy SW, Cedar Rapids, IA  
 Tank Location If Different Than Above:  
 Address:  
 Tank Contents: AV GAS  
 Tank Size: 12,000  
 Type Of Tank: Steel  Fiberglass   
 Contractor: Apex Companies  
 Contractor Address: 3327 99th St  
Urbandale, Iowa  
 Cleaning Procedure: Manually removed, power washed  
Vacuumed off

NOTE: All tanks may regenerate flammable vapors even after cleaning. Double wall tanks and tanks with interior lining are most likely to regenerate. Catches should be taken if footing tanks with "topping" tools / equipment.

We hereby certify the tank description above is an empty container in accordance with Federal Regulation 40 CFR 261.7 (b) (1) (i), (ii), (iii) and / or state laws and issued in accordance with Federal Regulation 40 CFR 261.7 (b) (3) (i), (ii), (iii).

Hazardous Waste Management, Inc. Representative: [Signature]  
 Date: 11/6/24

Photograph: 16  
Description: Removing concrete pad from the tank farm area.



Photograph: 17  
Description: Removing concrete pad from the tank farm area.



Photograph: 18  
Description: Loading concrete pad into truck for disposal.



Photograph: 19  
Description: Tank Farm area after aboveground storage tanks and concrete pad were removed.



Photograph: 20  
Description: Tank Farm area after aboveground storage tanks and concrete pad were removed.



Photograph: 21  
Description: Tank farm area after being reggraded and raked.



Photograph: 22  
Description: Tank farm area after being regraded and raked.



Photograph: 23  
Description: Hydroseeding disturbed areas.



Photograph: 24  
Description: Hydroseeding disturbed areas.



Photograph: 25  
Description: Disturbed areas after being hydroseeded.



Photograph: 26  
Description: Disturbed areas after being hydroseeded.



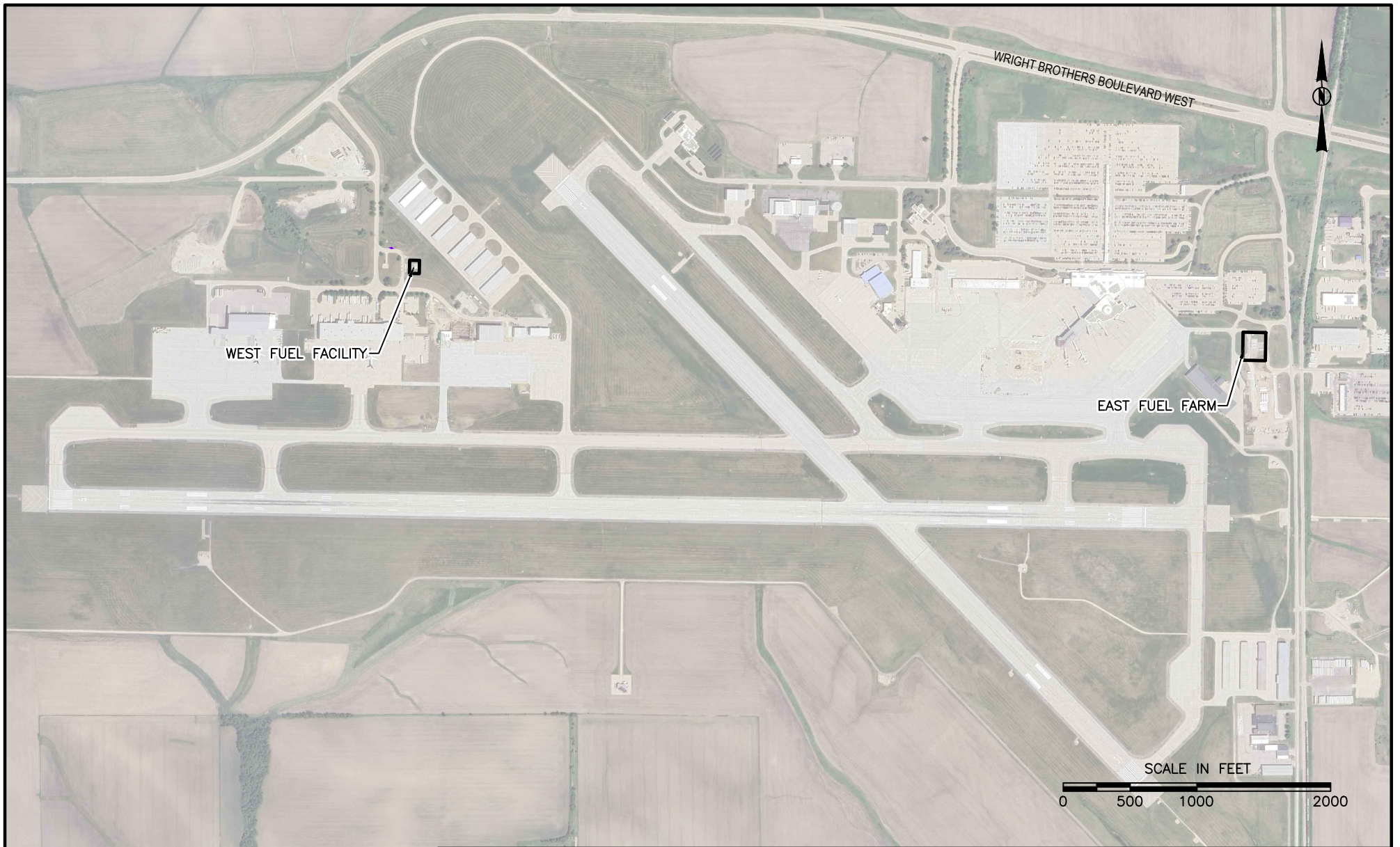
Photograph: 27  
Description: Disturbed areas after being hydroseeded.



Photograph: 28  
Description: Disturbed areas  
after being  
hydroseeded.



**Appendix E**  
**Aerial Map**



LEGEND  
 — OPERATIONS AREA

CHK BY	MS
DWN BY	EM
DATE	01-08-25
SCALE	AS SHOWN
CAD NO.	0314031-24011445.01B
PRJ NO.	SIG012-0314031-24011445



AIRPORT SITE PLAN  
 SIGNATURE AVIATION – CID  
 3525 BEECH WAY SW  
 CEDAR RAPIDS, IOWA 52404



FIGURE

1



<b>LEGEND</b>	
	OPERATIONS AREA
	OIL WATER SEPARATOR

CHK BY	MS
DWN BY	EM
DATE	01-08-25
SCALE	AS SHOWN
CAD NO.	0314031-24011445.01B
PRJ NO.	SIG012-0314031-24011445

**WEST FUEL FARM**  
  
 SIGNATURE AVIATION – CID  
 3525 BEECH WAY SW  
 CEDAR RAPIDS, IOWA 52404



FIGURE  
  
2



LEGEND

— OPERATIONS AREA

CHK BY	MS
DWN BY	EM
DATE	01-08-25
SCALE	AS SHOWN
CAD NO.	0314031-24011445.01B
PRJ NO.	SIG012-0314031-24011445

EAST FUEL FARM

SIGNATURE AVIATION – CID  
 3525 BEECH WAY SW  
 CEDAR RAPIDS, IOWA 52404



FIGURE

3



## WATER POLLUTION CONTROL FACILITIES GENERAL DISCHARGE PERMIT

**PERMITTEE:**

The Eastern Iowa Airport

**MAILING ADDRESS OF PERMITEE:**

The Eastern Iowa Airport  
2515 Arthur Collins Parkway SW  
Cedar Rapids, IA 52404

**PHYSICAL LOCATION OF DISCHARGE:**

The Eastern Iowa Airport  
10101 18<sup>th</sup> St. SW (OF003)  
3497 Piper Way Place SW (OF010)  
Cedar Rapids, IA

Discharge Location:

Outfall 003 and 010

Permit #:

23-500

Issuance Date:

March 3, 2023

Effective Date:

March 3, 2023

Expiration Date:

March 3, 2026

Renewal Application Date:

February 3, 2026

Permit Surcharge Factor:

N/A

User Group:

II

**FACILITY CONTACT:**

Todd Gibbs  
Director of Operations  
319-731-5718  
t.gibbs@flyCID.com

Marty Lenss  
Airport Director  
319-362-3131  
m.lenss@flyCID.com

Pursuant to the authority of Chapter 13 of the Municipal Code of the City of Cedar Rapids, Iowa, this permit is issued for the discharge of wastewater from the facility cited above to the sanitary sewer system. You are authorized to discharge the pollutants specified in this permit in accordance with the limitations and conditions set forth in this permit.

For the CITY OF CEDAR RAPIDS, IOWA  
WATER POLLUTION CONTROL FACILITIES

By: Michael A. Kuntz Date: 3/3/23  
Michael Kuntz, Utilities Environmental Manager

## **GENERAL CONDITIONS**

1. You are required to report any changes in conditions or information stated in your permit application that will affect the character or volume of the waste discharge. Facility expansions or process modifications, which will result in new or increased discharge of pollutants, must be reported 90 days in advance to the Utilities Director or authorized representative.
2. This permit is expressly subject to all provisions of Chapter 13 of the Municipal Code and may be terminated for violation of provisions of the Code or the terms and conditions set out herein. Issuance of this permit does not relieve you of the responsibility to comply with all local, state, and federal laws, ordinances, regulations, and other legal requirements applying to the operation of your facility.
3. The Utilities Director or authorized representative shall be permitted to enter all properties at reasonable times for the purposes of inspection, observation, measurement, sampling, and testing in accordance with provisions of Chapter 13 of the Municipal Code.
4. This permit shall not be assigned or transferred. The Utilities Director or authorized representative reserves the right to revoke this permit.
5. Sample collection, preservation, and analysis shall be performed in accordance with approved methods listed in 40 CFR 136. You shall submit required samples to a certified laboratory for analysis.
6. You shall not increase the use of potable or process water or, in any way attempt to dilute effluent as a partial or complete substitute for adequate treatment to achieve compliance with the limitations contained in this permit.

## **SEWER SERVICE CHARGES**

1. Sewer service charges will be based on the appropriate group rate schedule established in Chapter 13.17 of the Municipal Code. Storm water runoff to the sanitary sewer from Outfall 003 and Outfall 010 may be subject to future applicable sewer service charges, including: transport costs and reserving peak flow capacity. Sewer treatment costs will be offset for the duration of this permit period by activities outlined in "Additional Requirements."

## **FACILITIES MAINTENANCE AND RECORDS**

1. You are required to maintain the storm water lift station in satisfactory and effective operation, at your expense.

## **PENALTIES**

Failure to comply with pretreatment standards, reporting requirements and discharge limits could subject the Permittee to any of the following penalties:

1. Notice(s) to Correct.
2. Misdemeanor Violation(s): Could involve imprisonment for a period not exceeding 30 days or a fine not to exceed \$200 for each violation.
3. Nuisance Violation: Disconnect service to the wastewater system of the City with costs of the disconnection to be borne by the user.
4. Municipal Infraction Violation: A person committing an environmental violation may be subject to a civil penalty of not more than one thousand dollars (\$1,000) for each occurrence.
5. Falsifying information: Any person who knowingly makes false statements, representation or certification in any application record, report, plan, or other document filed or required to be maintained pursuant to this ordinance or Discharge Permit, or who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required under this Ordinance, shall upon conviction, be guilty of a misdemeanor.
6. In addition to any other remedies, the City may bring suit to recover costs from the person or persons incurring the liability for the payment of such charges.

This Discharge Permit is considered your Notice to Correct and violation of any of the provisions contained in this permit could result in legal action as outlined above.

## **SELF MONITORING & REPORTING**

1. Total gallons of storm water (outfall 003 and outfall 010) discharged to the Cedar Rapids Sanitary Sewer System calculated using pump run time and pump size or recorded by flow meter shall be recorded between October 1 through May 31 and reported to the Cedar Rapids Water Pollution Control facilities in July.
2. Please collect an effluent sample at each outfall to the sanitary sewer for storm water pumped to the sewer and analyze for CBOD, TSS, and TKN during the de-icing period noted. (three grab samples minimum 30 days apart or as weather permits)
3. Total gallons of glycol used the previous fiscal year (July 1 – June 30) shall be reported to the Cedar Rapids Water Pollution Control Facilities in July.
4. Airport personnel will assist in the collection of samples for appropriate analyses if requested by Cedar Rapids Water Pollution Control Facilities personnel. You may be assessed an appropriate laboratory fee for each sample collected and analyzed by Cedar Rapids Utilities Laboratory Services.
5. Measurements and samples shall be representative of the volume and nature of the monitored discharge.
6. You shall submit results of all outside sampling conducted to the Cedar Rapids Water Pollution Control Facilities.

## DISCHARGE LIMITATIONS

**MAXIMUM ALLOWABLE DISCHARGE**

Peak Hour	33,333 gallons per hour
Daily Maximum	800,000 gallons per day

The Airport owns property in this sewer-shed north of Wright Brothers Boulevard that is currently being held for future runway improvements. This property is generally bounded by Wright Brothers Boulevard, Edgewood Road, 76<sup>th</sup> Avenue and 18<sup>th</sup> Street, containing approximately 445 acres. If it is determined that this property is no longer needed for runway construction and is sold or leased for commercial development, then the allowable peak hour and daily maximum discharge for the Airport may be reduced if that future commercial development intends to utilize significant sanitary sewer capacity.

<b>Eastern Iowa Airport Wastewater Monitoring Requirements</b>		
Parameter	Frequency	Sample Type
Flow	Continuous	Pump run time or size, flow meter
CBOD, TSS, TKN	Three times annually	Grab

## ADDITIONAL REQUIREMENTS

1. This approval is conditional, and you could be required at any time at the discretion of the Utilities Director to hold flow on-site if downstream conditions require reduced flow levels.
2. This permit to be reviewed each permit cycle to discuss sewer loading results and volume discharged to Cedar Rapids Water Pollution Control Facilities for the prior permit cycle.
3. In exchange for treatment services, for the duration of this permit, the Airport will collaborate with the Cedar Rapids Utilities Department to develop and maximize the credits available to the City through the evolving Nutrient Reduction Exchange (NRE) program administered by Iowa Department of Natural Resources. The use of agriculture conservation practices that reduce nitrogen and phosphorous runoff located on Airport property will be recorded in the 'Regulation In-lieu Fee and Bank Information Tracking System' (RIBITS). Cedar Rapids Utilities will record the acre total of agriculture land enrolled / using conservation strips, no-till, cover crops, bio-swales, bio-reactors, wetlands or other accepted practice for inclusion in the NRE.
4. The Airport commits to maintain the current conservation practices to assure the effectiveness of the program, but may remove acres at its discretion to meet the needs of the Airport. If the Airport removes a significant number of acres from the program, it will be coordinated with Cedar Rapids Utilities and may result in storm water charges being assessed. Cedar Rapids Utilities expects to be able to use the credits or off-sets for nutrients reduction exclusively, in exchange for the wastewater treatment service for de-icing fluids as described in this permit.
5. To facilitate entry of the conservation acres into the RIBITS software; the Airport will provide Cedar Rapids Utilities Li-Dar maps or other land-use-map showing where the acres of agriculture land are located.

# IOWA DEPARTMENT OF NATURAL RESOURCES

## NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT

**PERMITTEE**

The Eastern Iowa Airport  
2515 Arthur Collins Pkwy SW  
Cedar Rapids, IA 52404-8952

**IDENTITY AND LOCATION OF FACILITY**

The Eastern Iowa Airport  
2515 Arthur Collins Pkwy SW  
Cedar Rapids, IA 52404-8952

**IOWA NPDES PERMIT NUMBER:** 57-15-1-45

**DATE OF ISSUANCE:** June 1, 2019

**DATE OF EXPIRATION:** May 31, 2024

**YOU ARE REQUIRED TO FILE**

**FOR RENEWAL OF THIS PERMIT BY:** December 3, 2023

**EPA NUMBER –** IA0082236

**RECEIVING WATERCOURSES**

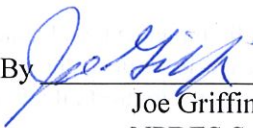
Hoosier Creek, S. Hoosier Creek, Plum Creek,  
Tissel Hollow Creek

This permit is issued pursuant to the authority of section 402(b) of the Clean Water Act (33 U.S.C. 1342(b)), Iowa Code section 455B.174, and rule 567--64.13, Iowa Administrative Code. You are authorized to operate the disposal system and to discharge the pollutants specified in this permit in accordance with the monitoring requirements and other terms set forth in this permit.

You may appeal any conditions of this permit by filing written notice of appeal and request for administrative hearing with the director of this department within 30 days of receipt of this permit.

Any existing, unexpired Iowa operation permit or Iowa NPDES permit previously issued by the department for the facility identified above is revoked by the issuance of this Iowa NPDES operation permit.

FOR THE DEPARTMENT OF NATURAL RESOURCES

By  \_\_\_\_\_  
Joe Griffin  
NPDES Section  
Environmental Protection Division

## **PART I. DESCRIPTION OF DISCHARGES COVERED UNDER THIS PERMIT**

### **A. APPLICABILITY**

1. Individual Responsibilities The City of Cedar Rapids, as owner and operator of The Eastern Iowa Airport (TEIA), shall act as the airport representative and shall coordinate co-permittee efforts to achieve permit compliance. In enforcing the terms of this permit, the Department may deal solely with the City of Cedar Rapids and is not required to apportion or assign responsibility or liability to one or more other co-permittees. The City of Cedar Rapids and each airport co-permittee is individually responsible for:
  - a. Compliance with permit conditions relating to discharges from the separate storm sewer system where it is the operator.
  - b. Storm water pollution plan implementation on portions of the separate storm sewer system where it is the operator.
  - c. Collection of monitoring data required in Part V. Agreements may be established between co-permittees to consolidate monitoring responsibilities.
  - d. Compliance with reporting requirements as specified in Part V, relating to the portions of the airport's separate storm sewer system for which they are responsible. Agreements may be established between co-permittees to consolidate reporting responsibilities.
2. Joint Responsibilities Co-permittees are jointly responsible for permit compliance on those shared portions of the separate storm sewer system where one or more co-permittees jointly discharge to or operate at a portion of the separate storm sewer system.
3. Airport tenants or operators with activities associated with commercial air transportation at The Eastern Iowa Airport are co-permittees with the City of Cedar Rapids and are regulated under this permit. The airport co-permittee list is subject to change as noted below.
4. Change in Co-Permittee Status The City of Cedar Rapids shall promptly notify the Department when it becomes aware of a change in co-permittee status which could require a tenant or business to become a co-permittee (or otherwise obtain an individual permit) or to be deleted from the co-permittee list, by submitting information about the change to the Department. Tenants or operators required to be permitted under paragraph a or b below shall submit to the Department through the City of Cedar Rapids an NPDES certification that specifies the date the new co-permittee proposes to initiate operations and thereby assume responsibility for compliance with the permit and liability for violations of the permit. The following situations require that the City of Cedar Rapids notify the Department:
  - a. A new tenant or operator begins operating at the airport and meets the permitting criteria.
  - b. An existing tenant or operator is operating at the airport, meets the permitting criteria, and has not been identified on the airport co-permittee list.
  - c. A co-permittee changes their name from what is currently on the airport co-permittee list.
  - d. A co-permittee discontinues their activities and no longer operates at the airport.
  - e. A co-permittee who is identified on the airport co-permittee list no longer meets the permitting criteria.
5. Maximum Extent Practicable Co-permittees shall implement and amend as necessary a storm water pollution prevention plan and best management practices designed to limit to the maximum extent practicable the discharge of pollutants from the separate storm sewer system and designed to meet all numeric effluent limits.
6. Program Resources The co-permittees shall provide adequate finances, staff, equipment, and support capabilities to implement their storm water pollution prevention plan and meet the requirements of this permit.

### **B. DISCHARGE(S) COVERED UNDER THIS PERMIT**

Storm water discharges associated with industrial activity from vehicle maintenance areas, equipment cleaning areas, deicing/anti-icing areas and any other areas where activities take place which could introduce pollutants into storm water located at The Eastern Iowa Airport and discharged through Outfalls 001, 002, 003, 004, 005 and 010. No other storm

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water discharges associated with industrial activity are covered by this permit. Should any additional storm water discharges associated with industrial activity be discovered, a permit amendment must be issued before the new discharges are permitted.

**C. STORM WATER DISCHARGE NOT ASSOCIATED WITH INDUSTRIAL ACTIVITY**

Storm water discharge associated with industrial activity authorized by this permit may be combined with other sources of storm water that are not classified as associated with industrial activity pursuant to 40 CFR 122.26(b)(14).

**D. LIMITATION ON COVERAGE**

Unless specifically identified in Part I.B. of this permit, the following discharges are not authorized by this permit:

- Non-storm water discharges except those listed in Part I.E. of this permit,
- non-storm water discharges including aircraft, ground vehicle, runway and equipment washwaters,
- the discharge of hazardous substances or oil resulting from an on-site spill; and,
- storm water discharge associated with industrial activity from construction activity, specifically any land disturbing activity of one or more acres.

**E. NON-STORM WATER DISCHARGES**

The following non-storm water discharges may be authorized by this permit provided the non-storm water component of the discharge is in compliance with the conditions in Part III, the pollution prevention plan of this permit:

discharges from fire fighting activities, fire hydrant flushing, potable water sources including waterline flushing, uncontaminated compressor and boiler condensate, irrigation drainage, lawn watering, routine external building washdown that does not use detergents or other compounds, pavement washwaters where spills or leaks of toxic or hazardous materials have not occurred (unless all spilled material has been removed) and where detergents or other compounds are not used, uncontaminated springs, uncontaminated groundwater, and uncontaminated flows from foundation or footing drains.

## **PART II. SPECIAL CONDITIONS**

**A. ADDITIONAL REQUIREMENTS FOR SALT STORAGE**

Storage piles of salt used for deicing or other commercial or industrial purposes and that generate a storm water discharge to waters of the state shall be enclosed or covered to prevent exposure to precipitation, except for exposure resulting from adding or removing materials from the pile.

**B. RELEASES OF REPORTABLE QUANTITIES OF HAZARDOUS SUBSTANCES AND OIL**

The co-permittees are required to report spills which equal or exceed the reportable quantity levels specified in 40 CFR 110, 117 and 302.

**C. DISCHARGE OF STORM WATER CONTAMINATED WITH GLYCOL BASED DEICING AND ANTI-ICING COMPOUNDS**

The permittee is required to discharge at a rate of 800,000 gallons/day or more of glycol contaminated storm water or storm water contaminated with the products of decomposition of glycol to the sanitary sewer (Cedar Rapids Water Pollution Control Facility) before any discharge of glycol contaminated storm water or storm water contaminated with the products of decomposition of glycol is made, either directly or indirectly, to any water of the State from outfall 003 or the area draining to outfall 003. No discharge of glycol contaminated storm water or storm water contaminated with the products of decomposition of glycol, directly or indirectly, to any waters of the State or their tributaries, including groundwater, shall be made from outfall 003 or the area draining to outfall 003 if it is possible for said storm water to instead be discharged to the sanitary sewer.

It is the intent of this permit to require the permittee to discharge glycol contaminated storm water and storm water contaminated with the products of decomposition of glycol to the sanitary sewer on a daily basis from outfall 003 at a minimum rate of 800,000 gallons/day until there is no glycol contaminated storm water or storm water contaminated with the products of decomposition of glycol in the detention basin from which outfall 003 discharges. Discharging glycol

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contaminated storm water or storm water contaminated with the products of decomposition of glycol to waters of the State from outfall 003 is a violation of this permit unless the permittee has been diligent in its attempts to discharge at least 800,000 gallons/day of storm water to the sanitary sewer and to otherwise minimize the amount of storm water discharged to waters of the State from outfall 003.

It is the intent of this permit to require the permittee to discharge glycol contaminated storm water and storm water contaminated with the products of decomposition of glycol to the sanitary sewer on a frequent basis from outfall 010 until there is no glycol contaminated storm water or storm water contaminated with the products of decomposition of glycol in the detention basin from which outfall 010 discharges. Discharging glycol contaminated storm water or storm water contaminated with the products of decomposition of glycol to waters of the State from outfall 010 is a violation of this permit unless the permittee has been diligent in its attempts to discharge the maximum possible amount of storm water to the sanitary sewer and to otherwise minimize the amount of storm water discharged to waters of the State from outfall 010.

Should a discharge from outfall 003 or outfall 010 occur during a time when such discharge is prohibited by this permit, the permittee shall notify the Department at its Field Office no. 1 located in Manchester. The notification shall be no later than the same business day the discharge is discovered if the discharge is discovered on a business day prior to 4:30 p.m. and no later than noon of the next business day and by immediately calling the Department at 515-281-8694 if the discharge is discovered at any other time. The permittee shall be diligent in its attempts to determine when discharges from outfall 003 and outfall 010 are occurring.

Discharges to waters of the State from outfalls 003 and 010 that exceed the effluent limitations in this permit are violations of this permit regardless of the amount of storm water discharged to the sanitary sewer or other measures implemented by the permittee.

The flow of storm water discharging through outfall 003 shall be conveyed through piping as it flows under 18<sup>th</sup> St. SW until the storm water reaches the detention basin. Storm water that is discharged through outfall 003 shall not be allowed to enter the ditches of 18<sup>th</sup> St. SW. Storm water discharging through outfall 003 shall be conveyed through piping from the point of origin to the detention basin.

Flows from deicing and anti-icing operations shall always be piped either directly to the sanitary sewer or first to a detention basin then to the sanitary sewer or be otherwise transported there. The runoff from these operations shall not be allowed to flow through any ditches or waterways. This does not prohibit deicing and anti-icing operations from occurring anywhere at the airport if the resulting flows are always piped either directly to the sanitary sewer or first to a detention basin then to the sanitary sewer or are otherwise transported to the sanitary sewer and not discharged to surface waters.

In lieu of discharging storm water to the sanitary sewer, the permittee may utilize a treatment system or other measures to meet effluent limitations if and only if the treatment system or other measures have been approved by the Department and the necessary permit(s) issued or amended prior to construction and implementation. Regardless of the method used to comply with the provisions of this permit, no processes stipulated in this permit shall be changed without a permit amendment being issued by the Department.

#### **D. USE OF GLYCOL BASED DEICING AND ANTI-ICING COMPOUNDS**

Both the use at the facility and the discharge from the facility of glycol based deicing or anti-icing compounds of the type known in the trade as "Type II" is prohibited. The use at the facility of urea is prohibited. The application of deicing and anti-icing fluids to aircraft is prohibited except in the area(s) which drain(s), are piped or otherwise transported to a detention basin the contents of which are then pumped to the Cedar Rapids wastewater treatment facility or, if that is not possible, to outfall 003 or outfall 010, or which are otherwise deposited directly into the Cedar Rapids wastewater treatment system.

### **PART III. STORM WATER POLLUTION PREVENTION PLAN**

A storm water pollution prevention plan shall continue to be implemented and modified as necessary. Storm water pollution prevention plans must be prepared in accordance with good engineering practices. The plan must identify potential sources of pollution that may reasonably be expected to affect the quality of storm water discharges associated with industrial

activity from the facility. In addition, the plan must describe and ensure the implementation of practices that are to be used to reduce the pollutants in storm water discharge associated with industrial activity at the facility and to ensure compliance with the terms and conditions of this permit. Facilities must implement the provisions of the storm water pollution prevention plan required under this part as a condition of this permit.

**A. CONTENTS OF POLLUTION PREVENTION PLAN**

Contents of Plan. The plan shall include, at a minimum, the following items:

1. Pollution Prevention Team The plan shall identify a specific individual or individuals as member(s) of a storm water Pollution Prevention Team who are responsible for developing the storm water pollution prevention plan and assisting the facility management in its implementation, maintenance, and revision. The plan shall clearly identify the responsibilities of each team member. The activities and responsibilities of the team shall address all aspects of the facility's storm water pollution prevention plan.
2. Description of Potential Pollutant Sources The plan shall provide a description of potential sources which may reasonably be expected to add significant amounts of pollutants to storm water discharges or which may result in the discharge of pollutants during dry weather from separate storm sewers draining the facility. The plan shall identify all activities and “significant materials” which may potentially be significant pollutant sources. The plan shall include, at a minimum:
  - a. Drainage
    - (1) A site map indicating an outline of the drainage area of each storm water outfall, each existing structural control measure to reduce pollutants in storm water runoff, surface water bodies, locations where significant materials are exposed to precipitation, locations where major spills or leaks identified under Part III.A.2.c. (Spills and Leaks) of this section have occurred, and the locations of the following activities where such activities are exposed to precipitation: equipment maintenance and/or cleaning areas; storage areas, ground vehicles and equipment awaiting maintenance; loading/unloading areas; locations used for the treatment, storage or disposal of wastes, liquid storage tanks, processing areas and storage areas. The map must indicate the outfall locations and the types of discharges contained in the drainage areas of the outfalls.
    - (2) For each area of the facility that generates storm water discharges associated with industrial activity with a reasonable potential for containing significant amounts of pollutants, a prediction of the direction of flow, and an identification of the types of pollutants which are likely to be present in storm water discharge associated with industrial activity. Factors to consider include the toxicity of chemical; quantity of chemicals used, produced or discharged; the likelihood of contact with storm water; and history of significant leaks or spills of toxic or hazardous pollutants. Flows with a significant potential for causing erosion shall be identified.
  - b. Inventory of Exposed Materials - An inventory of the types of materials handled at the site that potentially may be exposed to precipitation. Such inventory shall include a narrative description of “significant materials” that have been handled, treated, or disposed of in a manner to allow exposure to storm water beginning from 3 years prior to the issuance date of this permit, method and location of on-site storage or disposal; materials management practices employed to minimize contact of materials with storm water runoff beginning 3 years prior to the issuance date of this permit to the present; the location and a description of existing structural and nonstructural control measures to reduce pollutants in storm water runoff; and a description of any treatment the storm water receives.
  - c. Spills and Leaks - A list of any “hazardous condition” occurrence(s) at areas that are exposed to precipitation or that otherwise drain to a storm water conveyance at the facility beginning 3 years prior to the issuance date of this permit. Such list shall be updated as appropriate during the term of the permit.
  - d. Sampling Data - A summary of any existing discharge sampling data describing pollutants in storm water collected beginning 5 years prior to the permit issuance date, including actual sampling data obtained for this permit, shall be included in the storm water pollution prevention plan. All sampling data shall be held for a period of at least 5 years.
  - e. Risk Identification and Summary of Potential Pollutant Sources - A narrative description of the potential pollutant sources from the following activities: outdoor storage activities; loading and unloading operations; and onsite waste disposal. The description shall specifically list any significant potential source of pollutants at the facility and for each

potential source, any pollutant or pollutant parameter [e.g., biochemical oxygen demand (BOD<sub>5</sub>), oil and grease, etc.] of concern shall be identified.

3. Measures and Controls. Operators covered by this permit shall develop a description of storm water management controls appropriate for their areas of operation, and implement such controls. The priority in selecting controls shall reflect identified potential sources of pollutants at the facility. The description of storm water management controls shall address the following minimum components, including a schedule for implementing such controls:

a. Good Housekeeping - Good housekeeping requires the maintenance of areas which may contribute pollutants to storm water discharges in a clean, orderly manner.

(1) Aircraft, Ground Vehicle and Equipment Maintenance Areas - Co-permittees must ensure the maintenance of equipment is conducted in designated areas only and clearly identify these areas on the ground and delineate them on the site map(s). The plan must describe measures that prevent or minimize the contamination of the storm water runoff from all areas used for aircraft, ground vehicle and equipment maintenance (including the maintenance conducted on the terminal apron and in dedicated hangars). Management practices or equivalent measures such as performing maintenance activities indoors, maintaining an organized inventory of materials used in the maintenance areas, draining all parts of fluids prior to disposal, preventing the practice of hosing down the apron or hangar floor, using dry cleanup methods, and/or collecting the storm water runoff from the maintenance area and providing treatment or recycling should be considered.

(2) Aircraft, Ground Vehicle and Equipment Cleaning Areas - Permittees must ensure that cleaning of equipment is conducted in designated areas only and clearly identify these areas on the ground and delineate them on the site map. The plan must describe measures that prevent or minimize the contamination of the storm water runoff from all areas used for aircraft, ground vehicle and equipment cleaning. Management practices such as performing cleaning operations indoors, and/or collecting the storm water runoff from the cleaning area and providing treatment or recycling should be considered.

(3) Aircraft, Ground Vehicle and Equipment Storage Areas - The storage of aircraft, ground vehicles and equipment awaiting maintenance must be confined to designated areas which are delineated on the site map. The plan must describe measures that prevent or minimize the contamination of the storm water runoff from these areas.

(4) Management practices such as indoor storage of aircraft and ground vehicles, the use of drip pans for the collection of fluid leaks, and perimeter drains, dikes or berms surrounding storage areas should be considered.

(5) Material Storage Areas - Storage units of all materials (e.g., used oils, hydraulic fluids, spent solvents, and waste aircraft fuel) must be maintained in good condition, so as to prevent or minimize contamination of storm water, and plainly labeled (e.g., "used oil," "Contaminated Jet A," etc.). The plan must describe measures that prevent or minimize contamination of the storm water runoff from storage areas. Management practices or equivalent measures such as indoor storage of materials, centralized storage areas for waste materials, and/or installation of berming and diking around storage areas should be considered for implementation.

(6) Airport Fuel System and Fueling Areas - The plan must describe measures that prevent or minimize the discharge of fuels to the storm sewer resulting from fuel servicing activities or other operations conducted in support of the airport fuel system. Where the discharge of fuels into the storm sewer cannot be prevented, the plan shall indicate measures that will be employed to prevent or minimize the discharge of the contaminated runoff into receiving surface waters. Management practices or equivalent measures such as implementing spill and overflow practices (e.g., placing absorbent materials beneath aircraft during fueling operations), using dry cleanup methods, and/or collecting the storm water runoff should be considered.

b. Preventive Maintenance - A preventive maintenance program shall involve timely inspection and maintenance of storm water management devices (e.g., cleaning oil/water separators, removing debris from catch basins) as well as inspecting and testing facility equipment and systems to uncover conditions that could cause breakdowns or failures resulting in discharges of pollutants to surface waters, and ensuring appropriate maintenance of such equipment and systems.

c. Spill Prevention and Response Procedures - Areas where potential spills which can contribute pollutants to storm water discharges can occur, and their accompanying drainage points shall be identified clearly in the storm water pollution prevention plan. The plan shall describe material handling procedures, storage requirements, and consider the

use of equipment such as diversion valves. Procedures for cleaning up spills shall be identified in the plan and made available to the appropriate personnel. The necessary equipment to implement a clean up should be available to personnel.

This permit does not relieve the permittee of the spill notification requirements as specified in 455B.386 of the Code of Iowa. Iowa law requires that as soon as possible but not more than six hours after the onset of a hazardous condition the Department and the local sheriff's office be notified.

Source reduction measures that the operator determines to be reasonable and appropriate shall be implemented and maintained. The plan shall provide a narrative explanation of the options considered and the reasoning for whether or not to implement them.

- d. Management of Runoff - The plan shall contain a narrative consideration of the appropriateness of traditional storm water management practices (practices other than those which prevent or reduce source(s) of pollutants) used to divert, infiltrate, reuse, or otherwise manage storm water runoff in a manner that reduces pollutants in storm water discharges from the site. The potential of various sources at the facility to contribute pollutants to storm water discharges associated with industrial activity [see Part III.A.2. (Description of Potential Pollutant Sources)] shall be considered. Appropriate measures or equivalent measures may include: vegetative swales, reuse of collected storm water (such as for a process or as an irrigation source), inlet controls (such as oil/water separators), snow management activities, infiltration devices, and wet detention/retention devices. Measures that the permittee determines to be reasonable and appropriate shall be implemented and maintained.
- e. Inspections - In addition to or as part of the comprehensive site evaluation required under Part III.A.4. of this permit, qualified facility personnel shall be identified to inspect designated equipment and areas of the facility specified in the plan. The inspection frequency shall be specified in the plan, but at a minimum be conducted once per month for areas where operations are being conducted. A set of tracking or follow-up procedures shall be used to ensure that appropriate actions are taken in response to the inspections. Records of inspections shall be maintained. The use of a checklist developed by the pollution prevention team is encouraged.
- f. Pollution Prevention Training - Pollution prevention training programs shall be developed to inform management and personnel responsible for implementing activities identified in the storm water pollution prevention plan of the components and goals of the plan. Training should address topics such as spill response, good housekeeping, and material management practices. The pollution prevention plan shall identify periodic dates for such training.
- g. Recordkeeping and Internal Reporting Procedures - A description of incidents (such as spills, or other discharges), along with other information describing the quality and quantity of storm water discharges shall be included in the plan. Inspections and maintenance activities shall be documented and records shall be incorporated into the plan.
- h. Non-storm Water Discharges
- (1) The plan shall include a certification that the storm water discharge points have been tested or evaluated for the presence of non-storm water discharges. The certification shall include the identification of potential significant sources of non-storm water at the site, a description of the results of any test and/or evaluation for the presence of non-storm water discharges, the evaluation criteria or testing method used, the date of any testing and/or evaluation, and the onsite drainage points that were directly observed during the test. Certifications shall be signed in accordance with Part VI.E. of this permit.
  - (2) Except for flows from fire fighting activities, other sources of non-storm water listed in Part I.E. (Non-storm Water Discharges) of this permit that are combined with storm water discharges associated with industrial activity must be identified in the plan. The plan shall identify and ensure the implementation of appropriate pollution prevention measures for the non-storm water component(s) of the discharge.
  - (3) Failure to Certify - If the facility is unable to provide the required certification (testing for non-storm water discharges), the Department must be notified within 180 days after issuance date of this permit. If the failure to certify is caused by the inability to perform adequate tests or evaluations, such notification shall describe: the procedure of any test conducted for the presence of non-storm water discharges; the results of such test or other relevant observations; potential sources of non-storm water discharges to the storm water disposal systems and why adequate tests for such storm water disposal systems were not feasible. Non-storm water discharges to waters of the State which are not authorized by an NPDES permit are unlawful, and must be terminated.

- i. Sediment and Erosion Control - The plan shall identify areas which, due to topography, activities, or other factors, have a high potential for significant soil erosion, and identify structural, vegetative, and/or stabilization measures to be used to limit erosion.
4. Comprehensive Site Compliance Evaluation Qualified personnel shall conduct site compliance evaluations at appropriate intervals specified in the plan, but in no case less than once a year. Such evaluations shall provide:
- a. Areas contributing to a storm water discharge associated with industrial activity shall be visually inspected for evidence of, or the potential for, pollutants entering the drainage system. Measures to reduce pollutant loadings shall be evaluated to determine whether they are adequate and properly implemented in accordance with the terms of the permit or whether additional control measures are needed. Structural storm water management measures, sediment and erosion control measures, and other structural pollution prevention measures identified in the plan shall be observed to ensure that they are operating correctly. A visual inspection of equipment needed to implement the plan, such as spill response equipment, shall be made.
  - b. Based on the results of the evaluation, the description of potential pollutant sources identified in the plan in accordance with Part III.A.2 of this permit (Description of Potential Pollutant Sources) and pollution prevention measures and controls identified in the plan in accordance with Part III.A.3. of this permit (Measures and Controls) shall be revised as appropriate within 2 weeks of such evaluation and shall provide for implementation of any changes to the plan in a timely manner, but in no case more than 12 weeks after the evaluation.
  - c. A report summarizing the scope of the evaluation, personnel making the evaluation, the date(s) of the evaluation, major observations relating to the implementation of the storm water pollution prevention plan, and actions taken in accordance with Part III.A.4.b. of the permit shall be made and retained as part of the storm water pollution prevention plan for at least 3 years from the date of the evaluation. The report shall identify any incidents of noncompliance. Where a report does not identify any incidents of noncompliance, the report shall contain a certification that the facility is in compliance with the storm water pollution prevention plan and this permit. The report shall be signed in accordance with Part VI.E. (Signatory Requirements) of this permit.
  - d. Where compliance evaluation schedules overlap with inspections, the compliance evaluation may be conducted in place of one such inspection.

**B. ADDITIONAL POLLUTION PREVENTION PLAN REQUIREMENTS**

In addition to the previously specified contents of the pollution prevention plan, the storm water pollution prevention plan shall include a complete discussion of measures taken to conform with the following guidelines, if applicable:

1. The permittee must comply with applicable requirements in the municipal storm water management program developed under the NPDES permit issued to the City of Cedar Rapids to operate its wastewater treatment facility.
2. The pollution prevention plan shall be made available to the City of Cedar Rapids upon request.
3. Requirements for storm water discharges associated with industrial activity from facilities subject to Emergency Planning And Community Right-To-Know Act (EPCRA) Section 313 Requirements are found in Appendix A of this permit.
4. The permittee must comply with applicable requirements in the Municipal Separate Storm Sewer System (MS4) permit issued to the City of Cedar Rapids.

**C. SIGNATURE AND PLAN REVIEW**

1. Signature / Location The plan shall be signed in accordance with the specifications outlined under Part VI.E. - Signatory Requirements of this permit. The plan shall be retained on-site at the facility that generates the storm water discharge in accordance with Part V.C. (Retention of Records) of this permit.
2. Availability The permittee shall make the storm water pollution prevention plan, annual site compliance inspection report, Comprehensive Site Compliance Evaluation Reports, or other information available upon request to the Department.
3. Required Modifications The Department may notify the permittee at any time that the plan does not meet one or more of the minimum requirements of this part. Such notification shall identify those provisions of the permit that are not

being met by the plan, and identify which provisions of the plan require modification in order to meet the minimum requirements of this part. Within 30 days of such notification from the Department, (or as otherwise provided by the Department), the permittee shall make the required changes to the plan and shall submit to the Department a written certification that the requested changes have been made.

**D. KEEPING PLANS CURRENT**

1. The permittee shall amend the plan whenever there is a change in design, construction, operation, or maintenance, that has a significant effect on the potential for the discharge of pollutants to the waters of the State or if the storm water pollution prevention plan proves to be ineffective in eliminating or significantly minimizing the discharge of pollutants from sources identified under Part III.A.2. of this permit, or in otherwise achieving the general objectives of controlling pollutants in storm water discharges associated with industrial activity. New owners shall review the existing plan and make appropriate changes.
2. The storm water pollution prevention plan required by this permit must be modified within 14 calendar days of the occurrence of any “hazardous condition” to: provide a description of the release, the circumstances leading to the release, and the date of the release. In addition, the plan must be reviewed by the permittee to identify measures to prevent the reoccurrence of such a condition and to respond to such discharges, and the plan must be modified where appropriate.

**E. SIGNATORY REQUIREMENTS**

The storm water pollution prevention plan shall be certified in accordance with the Part VI.E. (Signatory Requirements) of this permit.

**PART IV. EFFLUENT LIMITATIONS**

Discharging storm water associated with industrial activity or pollutants for which an NPDES permit is required is prohibited except from the following outfalls and when in compliance with the following conditions and effluent limitations.

Outfall 001: Located at latitude 41.89084° N and longitude 91.69530° W

General storm water from the northeast portion of the facility. Discharges on the east side of the facility east of 18<sup>th</sup> St. SW to Hoosier Creek. When deicing or anti-icing activities drain to this outfall, the storm water must be directed to the sanitary sewer. Minor amounts of fugitive glycol dripping from airplanes is not considered to be deicing or anti-icing activities.

WASTEWATER PARAMETER	AMOUNT PER DAY		CONCENTRATION	
	Average	Maximum	Average	Maximum
COD <sub>5</sub>	-----	-----	40.0 mg/l	40.0 mg/l
Oil and Grease	-----	-----	10.0 mg/l	15.0 mg/l
Ethylene Glycol	-----	-----	186.0 mg/l	186.0 mg/l
Propylene Glycol	-----	-----	98.0 mg/l	174.0 mg/l
pH	6.5 to 9.0			

A minimum dissolved oxygen concentration of 5.0 mg/l shall be maintained at all times from October 1 to May 31, during any other month glycol-based anti-icing or deicing compounds are used at the facility, and during any other month glycol contaminated storm water or storm water contaminated with the products of decomposition of glycol is discharged to surface waters.

Monitoring shall be conducted and the point of compliance shall be at the culvert immediately east of 18<sup>th</sup> St. SW where the effluent leaves the property of the facility approximately 150 yards south of Wright Brothers Blvd. and at or proximate to the described coordinates above.

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Outfall 002: Located at latitude 41.88689° N and longitude 91.69516° W

General storm water from the east portion of the facility. Discharges on the east side of the facility at 18<sup>th</sup> St. SW to an unnamed tributary to S. Hoosier Creek. When deicing or anti-icing activities drain to this outfall, the storm water must be directed to the sanitary sewer. Minor amounts of fugitive glycol dripping from airplanes is not considered to be deicing or anti-icing activities.

WASTEWATER PARAMETER	AMOUNT PER DAY		CONCENTRATION	
	Average	Maximum	Average	Maximum
CBOD <sub>5</sub>	-----	-----	84.0 mg/l	84.0 mg/l
Oil and Grease	-----	-----	10.0 mg/l	15.0 mg/l
Ethylene Glycol	-----	-----	186.0 mg/l	186.0 mg/l
Propylene Glycol	-----	-----	101.0 mg/l	174.0 mg/l
pH	6.5 to 9.0			

A minimum dissolved oxygen concentration of 5.0 mg/l shall be maintained at all times from October 1 to May 31, during any other month glycol-based anti-icing or deicing compounds are used at the facility, and during any other month glycol contaminated storm water or storm water contaminated with the products of decomposition of glycol is discharged to surface waters.

Monitoring shall be conducted and the point of compliance shall be at the point where the effluent leaves property of the facility at 18<sup>th</sup> St. SW on the east side of the facility and at or proximate to the described coordinates above.

Outfall 003: Located at latitude 41.88205° N and longitude 91.69176° W

General storm water from the southeast portion of the facility including deicing operations. Discharges from the east side of the facility from a detention basin to an unnamed tributary to S. Hoosier Creek. When deicing or anti-icing activities drain to this outfall, the storm water must be directed to the sanitary sewer. Minor amounts of fugitive glycol dripping from airplanes is not considered to be deicing or anti-icing activities.

WASTEWATER PARAMETER	AMOUNT PER DAY		CONCENTRATION	
	Average	Maximum	Average	Maximum
CBOD <sub>5</sub>	75.6 lbs/day	75.6 lbs/day	75.5 mg/l	75.5 mg/l
Oil and Grease	-----	-----	10.0 mg/l	15.0 mg/l
Ethylene Glycol	-----	-----	186.0 mg/l	186.0 mg/l
Propylene Glycol	-----	-----	99.0 mg/l	174.0 mg/l
pH	6.5 to 9.0			

A minimum dissolved oxygen concentration of 5.0 mg/l shall be maintained at all times from October 1 to May 31, during any other month glycol-based anti-icing or deicing compounds are used at the facility, and during any other month glycol contaminated storm water or storm water contaminated with the products of decomposition of glycol is discharged to surface waters. No discharge of ethylene or propylene glycol to waters of the State is allowed from outfall 003 if it is possible for said storm water to instead be discharged to the sanitary sewer. Ethylene and propylene glycol are allowed to be discharged to waters of the State from outfall 003 only if it is impossible for said storm water to be discharged to the sanitary sewer due to flows being in excess of what can be pumped to the sanitary sewer, the detention basin is full and the effluent is in compliance with the above effluent limitations.

Monitoring shall be conducted and the point of compliance shall be at the point where the effluent leaves the detention basin approximately 400 yards east of 18<sup>th</sup> St. SW on the east side of the facility.

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Outfall 004: Located at latitude 41.87667° N and longitude 91.70491° W

General storm water from the south portion of the facility. Discharges on the south side of the facility from a culvert immediately south of the security fence to S. Hoosier Creek. When deicing or anti-icing activities drain to this outfall, the storm water must be directed to the sanitary sewer. Minor amounts of fugitive glycol dripping from airplanes is not considered to be deicing or anti-icing activities.

A minimum dissolved oxygen concentration of 5.0 mg/l shall be maintained at all times from October 1 to May 31, during any other month glycol-based anti-icing or deicing compounds are used at the facility, and during any other month glycol contaminated storm water or storm water contaminated with the products of decomposition of glycol is discharged to surface waters. There are no other effluent limitations at this location.

Monitoring shall be conducted and the point of compliance shall be immediately upstream of the point at which the road ditch flows into S. Hoosier Creek just north of Walford Road and at or proximate to the described coordinates above.

Outfall 005: Located at latitude 41.87674° N and longitude 91.72330° W

General storm water from the southwest portion of the facility. Discharges on the south side of the facility approximately 0.2 miles north of Walford Road and 0.5 miles east of Cherry Valley Road to Plum Creek. When deicing or anti-icing activities drain to this outfall, the storm water must be directed to the sanitary sewer. Minor amounts of fugitive glycol dripping from airplanes is not considered to be deicing or anti-icing activities.

A minimum dissolved oxygen concentration of 5.0 mg/l shall be maintained at all times from October 1 to May 31, during any other month glycol-based anti-icing or deicing compounds are used at the facility, and during any other month glycol contaminated storm water or storm water contaminated with the products of decomposition of glycol is discharged to surface waters. There are no other effluent limitations at this location.

Monitoring shall be conducted and the point of compliance shall be immediately upstream of the point at which the road ditch flows into Plum Creek just north of Walford Road, approximately 0.5 miles east of Cherry Valley Road and at or proximate to the described coordinates above.

Outfall 010: Located at latitude 41.88905° N and longitude 91.72122° W

General storm water from the northwest portion of the facility. Discharges on the northwest side of the facility from a culvert near the Federal Express facility immediately north of the security fence to Tissel Hollow Creek. When deicing or anti-icing activities drain to this outfall, the storm water must be directed to the sanitary sewer. Minor amounts of fugitive glycol dripping from airplanes is not considered to be deicing or anti-icing activities.

WASTEWATER PARAMETER	AMOUNT PER DAY		CONCENTRATION	
	Average	Maximum	Average	Maximum
CBOD <sub>5</sub>	-----	-----	110.0 mg/l	110.0 mg/l
Oil and Grease	-----	-----	10.0 mg/l	15.0 mg/l
Ethylene Glycol	-----	-----	186.0 mg/l	186.0 mg/l
Propylene Glycol	-----	-----	98.0 mg/l	174.0 mg/l
pH	6.5 to 9.0			

A minimum dissolved oxygen concentration of 5.0 mg/l shall be maintained at all times from October 1 to May 31, during any other month glycol-based anti-icing or deicing compounds are used at the facility, and during any other month glycol contaminated storm water or storm water contaminated with the products of decomposition of glycol is discharged to surface waters.

Monitoring shall be conducted and the point of compliance shall be at the culvert near the Federal Express facility immediately north of the security fence approximately 0.25 miles south of Wright Brothers Blvd. and at or proximate to the described coordinates above.

**PART V. MONITORING AND REPORTING REQUIREMENTS**

**A. ANALYTICAL MONITORING REQUIREMENTS**

Analytical analyses must be performed by a laboratory certified by the State of Iowa to perform the analyses. All analyses reported to this department, with the exception of those that must be analyzed immediately, must be analyzed using approved methods specified in 40 CFR Part 136.3. All collected samples shall comply with container requirements, preservation techniques, and holding time requirements specified in 40 CFR Part 136.3. The analyses for ethylene and propylene glycols shall be conducted from the same sample.

The following monitoring frequencies are imposed:

Table 1

WASTEWATER PARAMETER	FREQUENCY	SAMPLE TYPE
Pumpage of glycol contaminated storm water to sanitary sewer	1/day	24-hour
detention basin level	1/day	-----
rainfall	1/day	24-hour

The monitoring frequencies in Table 2 during periods of discharge for outfalls 001, 002, 003, 004, 005 and 010 are imposed:

Table 2

WASTEWATER PARAMETER	FREQUENCY	SAMPLE TYPE
Total BETX (benzene, ethyl benzene, toluene, xylene)	1/month	Grab
Oil & Grease	1/month	Grab

Total BETX and oil & grease shall be monitored 12 months/year during periods of discharge.

Sampling at outfalls 003 and 010 for the parameters and at the frequencies in Table 3 shall be conducted at any time a discharge to surface waters from outfall 003 or outfall 010 is occurring from October 1 to May 31, at any time a discharge to surface waters is occurring from outfall 003 or outfall 010 during any other month glycol-based anti-icing or deicing compounds are used at The Eastern Iowa Airport, and at any time a discharge to surface waters is occurring from outfall 003 or outfall 010 during any other month glycol contaminated storm water or storm water contaminated with the products of decomposition of glycol is discharged to surface waters, at the following frequencies:

Table 3

WASTEWATER PARAMETER	FREQUENCY	SAMPLE TYPE
CBOD <sub>5</sub>	2/week	grab
Ethylene Glycol	2/week	grab
Propylene Glycol	2/week	grab
Dissolved Oxygen	2/week	grab
TSS (Total Suspended Solids)	2/week	grab
pH	2/week	grab
Flow	2/week	instantaneous

Outfalls 001, 002, 003, 004, 005 and 010 and all other known storm water discharges contaminated with glycol based anti-icing or deicing compounds or with products of decomposition of glycol:

Table 4

WASTEWATER PARAMETER	FREQUENCY	SAMPLE TYPE
CBOD <sub>5</sub>	1/ 2 weeks	grab
Ethylene Glycol	1/ 2 weeks	grab
Propylene Glycol	1/ 2 weeks	grab
Dissolved Oxygen (except for outfall 001)	1/ 2 weeks	grab
TSS (Total Suspended Solids)	1/ 2 weeks	grab
pH	1/ 2 weeks	grab

Monitoring at the outfalls and frequencies in Table 4 is required 12 months/year during periods of discharge. Monitoring for outfalls 003 and 010 may be conducted at the frequencies in Table 4 only during periods when the frequencies in Table 3 are not required. Monitoring for dissolved oxygen is not required at outfall 001.

Monitoring at the frequencies in Table 4 is required at the outfalls draining the area at which any chemical for which the facility is required to report releases into the environment under Section 313 of SARA Title III which is classified as a Section 313 water priority chemical and for which any storage vessels in which the chemicals are stored are exposed to storm water.

Outfalls 001, 003 and 010:

Table 5

WASTEWATER PARAMETER	FREQUENCY	SAMPLE TYPE
Ethanol	1/ 2 weeks	grab
Acetic acid	1/ 2 weeks	grab
Propionate (IUPAC name propanoate)	1/ 2 weeks	grab
n-propanol (IUPAC name pronan-1-ol)	1/ 2 weeks	grab
Propionaldehyde	1/ 2 weeks	grab
Benzotriazole	1/ 2 weeks	grab

Monitoring at the outfalls and frequencies in Table 5 is required 12 months/year during periods of discharge to surface waters.

The parameters in Table 5 are possible products of decomposition of glycols or additives that may be added to glycols to formulate deicing and anti-icing fluids.

If there is no discharge during a specified time period, no sampling is required for that period.

Whenever possible the grab samples shall be taken when pollutant concentrations in the storm water/melt water discharges from deicing/anti-icing operations are expected to be at a maximum.

All samples required to be taken by this permit shall be observed for color, odor, clarity, floating solids, settleable solids, suspended solids, foam, oil sheen and other obvious indicators of storm water pollution. These observations shall be reported with the other sample results.

A sampling waiver may be granted by the Department if adverse weather conditions that prohibit the collection of samples create dangerous condition for personnel (such as high winds, blizzard conditions, etc.)

**B. RECORDS CONTENTS**

Records for analytical monitoring information shall include:

1. the date, exact place, and time of sampling or measurements;
2. the name(s) of the individual(s) who performed the sampling or measurements;
3. the date(s) analyses were performed;
4. the time(s) analyses were initiated;
5. the initials or name(s) of the individual(s) who performed the analyses;
6. references and written procedures, when available, for the analytical techniques or methods used; and
7. the results of such analyses, including copies of the original laboratory sheets and instrument readouts if available.

Records of analytical monitoring information and visual observations shall be submitted to the appropriate Department field office within 15 days following the end of each calendar quarter.

**C. RETENTION OF RECORDS**

The permittee shall retain records of all monitoring information, copies of all reports required by this permit, and records of all data used to complete the application for this permit for a period of at least five years from the date of sample, measurement, evaluation or inspection, report, or application. This period may be extended by request of the Department at any time and shall be automatically extended during periods of enforcement action. Permittees must submit any such records to the Department within three hours of being requested.

**PART VI. STANDARD CONDITIONS**

**A. PERMITTEE'S DUTY TO COMPLY**

The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Clean Water Act (CWA) and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. Issuance of this permit does not relieve the permittee of the responsibility to comply with all local, state and federal laws, ordinances, regulations or other legal requirements applying to the operation of the permittee's facility (see 40 CFR 122.41(a) and 567-64.3(11) IAC).

**B. DUTY TO PROVIDE INFORMATION**

The permittee shall furnish to the Department, within a time specified by the Department, any information that the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit. The permittee must also furnish to the Department, upon request, copies of any records required to be kept by this permit.

**C. TRANSFER OF TITLE**

Where the operator of a facility with a storm water discharge associated with industrial activity that is covered by this permit changes, the new operator of the facility must notify the Department in writing within 30 days of the transfer.

**D. NEED TO HALT OR REDUCE ACTIVITY NOT A DEFENSE**

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

**E. SIGNATORY REQUIREMENTS**

Storm Water Pollution Prevention Plans, reports, certifications or information either submitted to the Department (and/or the operator of a large or medium municipal separate storm sewer system), or that this permit requires be maintained by the permittee, shall be signed as follows:

1. For a corporation: by a responsible corporate officer. For the purpose of this section, a responsible corporate officer means: 1) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation; or 2) the manager of one or more manufacturing, production or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25,000,000 (in second-quarter 1980 dollars) if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
2. For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or for a municipality, State, Federal, or other public facility: by either a principal executive officer or ranking elected official. For purposes of this section, a principal executive officer of a Federal agency includes 1) the chief executive officer of the agency, or 2) a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency.
3. Certification. Any person signing documents shall make the following certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and

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complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

**F. DUTY TO MITIGATE**

The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit that has a reasonable likelihood of adversely affecting human health or the environment.

**G. PROPERTY RIGHTS**

The issuance of this permit does not convey any property rights of any sort, nor any exclusive privileges, nor does it authorize any injury to private property nor any invasion of personal rights, nor any infringement of Federal, State, or local laws or regulations.

**H. SEVERABILITY**

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

**I. STATE/ENVIRONMENTAL LAWS**

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable State law or regulation under authority preserved by Section 510 of the Act. No condition of this permit shall release the permittee from any responsibility or requirements under other environmental statutes or regulations.

**J. PROPER OPERATION AND MAINTENANCE**

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit and with the requirements of storm water pollution prevention plans. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. Proper operation and maintenance requires the operation of backup or auxiliary facilities or similar systems, installed by a permittee only when necessary to achieve compliance with the conditions of the permit.

**K. INSPECTION AND ENTRY**

The permittee shall allow the Department, an authorized representative or an authorized representative of the municipal operator of the separate storm sewer receiving the discharge, upon the presentation of credentials and other documents as may be required by law, to: enter upon the permittee's premises where a regulated facility or activity is located or conducted or where records must be kept under the conditions of this permit; have access to and copy at reasonable times, any records that must be kept under the conditions of this permit; sample and monitor for the purpose of assuring compliance or as otherwise authorized by the Clean Water Act and inspect at reasonable times any facilities or equipment (including monitoring and control equipment).

**L. PERMIT ACTIONS**

This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or discontinuance, or a notification of planned changes or anticipated noncompliance does not stay any permit condition.

**M. POTENTIAL OR REALIZED IMPACTS ON WATER QUALITY**

If there is evidence indicating potential or realized impacts on water quality or on a listed endangered species due to any storm water discharge associated with industrial activity covered by this permit the permit will be modified to include different limitations and/or requirements of the Pollution Prevention Plan and its implementation.

**N. TWENTY-FOUR HOUR REPORTING**

You shall report any noncompliance that may endanger human health or the environment. Information shall be provided orally within 24 hours from the time you become aware of the circumstances. A written submission that includes a description of noncompliance and its cause; the period of noncompliance including exact dates and times, whether the

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noncompliance has been corrected or the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent a reoccurrence of the noncompliance must be provided within 5 days of the occurrence. The following instances of noncompliance must be reported within 24 hours of occurrence: any unanticipated bypass which exceeds any effluent limitation in the permit, any upset which exceeds an effluent limitation in the permit or any violation of a maximum daily discharge limit for any of the pollutants listed by the Director in the permit to be reported within 24 hours.

**O. OTHER NONCOMPLIANCE**

You shall report all instances of noncompliance not reported under Part VI.O. at the time monitoring reports are submitted.

**P. NOTICE OF CHANGED CONDITIONS**

You are required to report any changes in existing conditions or information on which this permit is based. If you become aware that you failed to submit any relevant facts in a permit application or submitted incorrect information in a permit application or in any report, you must promptly submit such facts or information.

**Q. FAILURE TO SUBMIT FEES**

This permit may be revoked, in whole or in part, if the appropriate permit fees are not submitted within 60 days of the date of notification that such fees are due.

**R. DUTY TO REAPPLY**

If you wish to continue to discharge after the expiration date of this permit you must file an application for reissuance at least 180 days prior to the expiration date of this permit.

**S. USE OF CERTIFIED LABORATORIES**

Analyses of wastewater, groundwater or sewage sludge that are required to be submitted to the department by this permit must be performed by a laboratory certified by the State of Iowa. Routine, on-site monitoring for pH, temperature, dissolved oxygen, total residual chlorine and other pollutants that must be analyzed immediately upon sample collection, settleable solids, physical measurements and operational monitoring tests specified in 567-63.3(4) of the Iowa Administrative Code are excluded from this requirement.

**T. VIOLATIONS OF PERMIT CONDITIONS**

Section 309 of the CWA provides significant penalties for a person (s) who violates a permit condition implementing Section 301, 302, 306, 307, 318, or 405 of the CWA, or any permit condition or limitation implementing any such sections in a permit issued under Section 402. Any person(s) who violates any condition of this permit is subject to a civil penalty not to exceed \$25,000 per day of such violation, as well as any other appropriate sanction provided by Section 309 of the CWA.

## **PART VII. DEFINITIONS**

1. Anti-icing means the process which prevents the accumulation of frost, snow or ice.
2. Best Management Practices ("BMPs") means schedules of activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce the pollution of waters of the State. BMPs also include treatment requirements, operating procedures, and practices to control facility site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage.
3. Bypass means the intentional diversion of waste streams from any portion of a treatment facility.
4. Co-permittees means tenants of the airport facility including airline companies, fixed base operators, military or other government establishments and other parties which have contracts with the airport authority to conduct business operations on airport property which result in storm water discharges associated with industrial activity as described in Part I of this permit and The Eastern Iowa Airport.
5. CWA means Clean Water Act (formerly referred to as the Federal Water Pollution Control Act or Federal Water Pollution Control Act Amendments of 1972).
6. Deicing means the process to remove frost, snow or ice.

7. Department means the Iowa Department of Natural Resources (IDNR) or an authorized representative.
8. Discharge means the release of water and any elements, compounds, and particles contained within or upon, from property owned or controlled by an individual, individuals, or entity to a water of the state and where the release originates on said property.
9. Dry weather discharges means those discharges generated by processes other than those included in the definition of storm water.
10. Facility means The Eastern Iowa Airport.
11. Hazardous condition includes, but is not limited to: releases of oil or hazardous substances in excess of reportable quantities under Section 311 of the Clean Water Act (see 40 CFR 110.10 and CFR 117.21) or Section 102 of CERCLA (see 40 CFR 302.4).
12. Permittee means The Eastern Iowa Airport.
13. Separate storm sewer system means a conveyance or system of conveyances including storm sewers, roadways, roads with drainage systems, catch basins, curbs, gutters, ditches, constructed channels and storm drains.
14. Significant materials includes, but is not limited to: raw materials; fuels; materials such as solvents, detergents, and plastic pellets; finished materials such as metallic products; raw materials used in food processing or production; hazardous substances designated under Section 101(14) of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA); any chemical the facility is required to report pursuant to Emergency Planning and Community Right-to-Know Act (EPCRA) Section 313; fertilizers; pesticides; and waste products such as ashes, slag and sludge that have the potential to be released with storm water discharges.
15. Storm water means storm water runoff, snow melt runoff, and surface runoff and drainage resulting from precipitation.
16. Storm water discharge associated with industrial activity means the discharge from any conveyance that is used for collecting and conveying storm water and that is directly related to manufacturing, processing or raw materials storage areas at an industrial plant. The term does not include discharges from facilities or activities excluded from the NPDES program. For the categories of industries identified in paragraphs (i) through (x) of this definition, the term includes, but is not limited to, storm water discharges from industrial plant yards; immediate access roads and rail lines used or traveled by carriers of raw materials, manufactured products, waste material, or by-products used or created by the facility; material handling sites; refuse sites; sites used for the application or disposal of process waste waters (as defined at 40 CFR Part 401); sites used for the storage and maintenance of material handling equipment; sites used for residual treatment, storage, or disposal; shipping and receiving areas; manufacturing buildings; storage areas (including tank farms) for raw materials, and intermediate and finished products; and areas where industrial activity has taken place in the past and significant materials remain and are exposed to storm water. For the categories of industries identified in paragraph (xi) of this definition, the term includes only storm water discharges from all areas (except access roads and rail lines) listed in the previous sentence where material handling equipment or activities, raw materials, intermediate products, final products, waste materials, by-products, or industrial machinery are exposed to storm water. For the purposes of this paragraph, material handling activities include the storage, loading and unloading, transportation, or conveyance of any raw material, intermediate product, finished product, by-product or waste product. The term excludes areas located on plant lands separate from the plant's industrial activities, such as office buildings and accompanying parking lots as long as the drainage from the excluded areas is not mixed with storm water drained from the above described areas. Industrial facilities (including industrial facilities that are Federally, State, or municipally owned or operated that meet the description of the facilities listed in paragraphs (i) to (xi) of this definition) include those facilities designated under 122.26(a)(1)(v). The following categories of facilities are considered to be engaging in "industrial activity" for purposes of this subsection.
  - (i) Facilities subject to storm water effluent limitations guidelines, new source performance standards, or toxic pollutant effluent standards under 40 CFR Subchapter N (except facilities with toxic pollutant effluent standards that are exempted under category (xi) of this definition);
  - (ii) Facilities classified as Standard Industrial Classifications 24 (except 2434), 26 (except 265 and 267), 28 (except 283 and 285), 29, 311, 32 (except 323), 33, 3441, 373;

- (iii) Facilities classified as Standard Industrial Classifications 10 through 14 (mineral industry) including active or inactive mining operations (except for areas of coal mining operations no longer meeting the definition of a reclamation area under 40 CFR 434.11(l) because the performance bond issued to the facility by the appropriate SMCRA authority has been released, or except for areas of non-coal mining operations that have been released from applicable State or Federal reclamation requirements after December 17, 1990) and oil and gas exploration, production, processing, or treatment operations, or transmission facilities that discharge storm water contaminated by contact with or that has come into contact with, any overburden, raw material, intermediate products, finished products, byproducts or waste products located on the site of such operations; inactive mining operations are mining sites that are not being actively mined, but that have an identifiable owner/operator;
- (iv) Hazardous waste treatment, storage, or disposal facilities, including those that are operating under interim status or a permit under Subtitle C of RCRA;
- (v) Landfills, land application sites, and open dumps that have received any industrial wastes (waste that is received from any of the facilities described under this subsection) including those that are subject to regulation under Subtitle D of RCRA;
- (vi) Facilities involved in the recycling of materials, including metal scrap yards, battery reclaimers, salvage yards, and automobile junkyards, including but limited to those classified as Standard Industrial Classification 5015 and 5093;
- (vii) Steam electric power generating facilities, including coal handling sites;
- (viii) Transportation facilities classified as Standard Industrial Classifications 40, 41, 42 (except 4221-25), 43, 44, 45 and 5171 that have vehicle maintenance shops, equipment cleaning operations, or airport deicing operations. Only those portions of the facility that are either involved in vehicle maintenance (including vehicle rehabilitation, mechanical repairs, painting, fueling and fuel storage, and lubrication), equipment cleaning operations, airport deicing operations, or that are otherwise identified under paragraphs (i) to (vii) or (ix) to (xi) of this subsection are associated with industrial activity;
- (ix) Treatment works treating domestic sewage or any other sewage sludge or wastewater treatment device or system, used in the storage treatment, recycling, and reclamation of municipal or domestic sewage, including land dedicated to the disposal of sewage sludge that are located within the confines of the facility, with a design flow of 1.0 mgd or more, or required to have an approved pretreatment program under 40 CFR Part 403. Not included are farm lands, domestic gardens or lands used for sludge management where sludge is beneficially reused and that are not physically located in the confines of the facility, or areas that are in compliance with 40 CFR Part 503;
- (x) Construction activity including clearing, grading and excavation activities except: operations that result in the disturbance of less than 5 acres of total land area that are not part of a larger common plan of development or sale;
- (xi) Facilities under Standard Industrial Classifications 20, 21, 22, 23, 2434, 25, 265, 267, 27, 283, 285, 30, 31 (except 311), 323, 34 (except 3441), 35, 36, 37 (except 373), 38, 39, 4221-25, (and that are not otherwise included within categories (i) to (x)).

17. Upset means an exceptional incident in which there is unintentional and temporary noncompliance with the numeric effluent limitations of this permit because of factors beyond the reasonable control of the permittees. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation. Factors beyond the reasonable control of the permittees which may affect the compliance include: an exercise of individual pilot discretion for the purpose of protecting human health and safety, extreme weather conditions beyond the design storm, aircraft accidents resulting in severe property damage or power outage.

18. Water of the State means any stream, lake, pond, marsh, watercourse, waterway, well, spring, reservoir, aquifer, irrigation system, drainage system and any other body or accumulation of water, surface or underground, natural or artificial, public or private, which are contained within, flow through or border upon the state of Iowa or any portion thereof. Water contained within any structure specifically intended to detain storm water associated with industrial activity and the pollutants contained therein or piping intended to convey storm water associated with industrial activity

and the pollutants contained therein that is required by this permit or required to meet the conditions contained in this permit is not considered to be a Water of the State for the purposes of this permit.

## APPENDIX A

### ADDITIONAL REQUIREMENTS FOR STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM FACILITIES SUBJECT TO EPCRA SECTION 313 REQUIREMENTS

In addition to the requirements of this permit, storm water pollution prevention plans for facilities subject to reporting requirements under EPCRA Section 313 for chemicals that are classified as Section 313 water priority chemicals as described in the definition section of this permit, unless otherwise exempted, shall describe and ensure the implementation of practices that are necessary to provide for conformance with the following guidelines:

A. In areas where Section 313 water priority chemicals are stored, processed or otherwise handled, appropriate containment, drainage control and/or diversionary structures shall be provided unless otherwise exempted. At a minimum, one of the following preventive systems or its equivalent shall be used:

- (1) Curbing, culverting, gutters, sewers, or other forms of drainage control to prevent or minimize the potential for storm water run-on to come into contact with significant sources of pollutants; or
- (2) Roofs, covers or other forms of appropriate protection to prevent storage piles from exposure to storm water and wind.

B. In addition to the minimum standards listed above the storm water pollution prevention plan shall include a complete discussion of measures taken to conform with other effective storm water pollution prevention procedures, and applicable State rules, regulations, and guidelines:

(3) Liquid Storage Areas Where Storm Water Comes Into Contact With Any Equipment, Tank, Container, or Other Vessel Used for Section 313 Water Priority Chemicals

(a) No tank or container shall be used for the storage of a Section 313 water priority chemical unless its material and construction are compatible with the material stored and conditions of storage such as pressure and temperature, etc.

(b) Liquid storage areas for Section 313 water priority chemicals shall be operated to minimize discharges of Section 313 chemicals. Appropriate measures to minimize discharges of Section 313 chemicals may include secondary containment provided for at least the entire contents of the largest single tank plus sufficient freeboard to allow for precipitation, a strong spill contingency and integrity testing plan, and/or other equivalent measures.

(4) Material Storage Areas for Section 313 Water Priority Chemicals Other Than Liquids. Material storage areas for Section 313 water priority chemicals other than liquids that are subject to runoff, leaching, or wind shall incorporate drainage or other control features that will minimize the discharge of Section 313 water priority chemicals by reducing storm water contact with Section 313 water priority chemicals.

(5) Truck and Rail Car Loading and Unloading Areas for Liquid Section 313 Water Priority Chemicals. Truck and rail car loading and unloading areas for liquid Section 313 water priority chemicals shall be operated to minimize discharges of Section 313 water priority chemicals. Protection such as overhangs or door skirts to enclose trailer ends at truck loading/unloading docks shall be provided as appropriate. Appropriate measures to minimize discharges of Section 313 chemicals may include: the placement and maintenance of drip pans (including the proper disposal of materials collected in the drip pans) where spillage may occur (such as hose connections, hose reels and filler nozzles) for use when making and breaking hose connections; a strong spill contingency and integrity testing plan; and/or other equivalent measures.

(6) Areas Where Section 313 Water Priority Chemicals Are Transferred, Processed, or Otherwise Handled. Processing equipment and materials handling equipment shall be operated so as to minimize discharges of Section 313 water priority chemicals. Materials used in piping and equipment shall be compatible with the substances handled. Drainage from process and materials handling areas shall minimize storm water contact with Section 313 water priority chemicals. Additional protection such as covers or guards to prevent exposure to wind, spraying or releases from pressure relief vents from causing a discharge of Section 313 water priority chemicals to the drainage

system shall be provided as appropriate. Visual inspections or leak tests shall be provided for overhead piping conveying Section 313 water priority chemicals without secondary containment.

Drainage from areas covered by paragraphs (a), (b), (c), or (d) of this part should be restrained by valves or other positive means to prevent the discharge of a spill or other excessive leakage of Section 313 water priority chemicals. Where containment units are employed, such units may be emptied by pumps or ejectors; however, these shall be manually activated.

(a) Flapper-type drain valves shall not be used to drain containment areas. Valves used for the drainage of containment areas should, as far as is practical, be of manual, open-and-closed design.

(b) If facility drainage is not engineered as above, the final discharge of all in-facility storm sewers shall be equipped to be equivalent with a diversion system that could, in the event of an uncontrolled spill of Section 313 water priority chemicals, return the spilled material to the facility.

(c) Records shall be kept of the frequency and estimated volume (in gallons) of discharges from containment areas.

(7) facility Site Runoff Other Than From Areas Covered By (a), (b), (c), or (d). Other areas of the facility (those not addressed in paragraphs (a), (b), (c), or (d)), from which runoff that may contain Section 313 water priority chemicals or spills of Section 313 water priority chemicals could cause a discharge shall incorporate the necessary drainage or other control features to prevent discharge of spilled or improperly disposed material and ensure the mitigation of pollutants in runoff or leachate.

(8) Preventive Maintenance and Housekeeping. All areas of the facility shall be inspected at specific intervals identified in the plan for leaks or conditions that could lead to discharges of Section 313 water priority chemicals or direct contact of storm water with raw materials, intermediate materials, waste materials or products. In particular, facility piping, pumps, storage tanks and bins, pressure vessels, process and material handling equipment, and material bulk storage areas shall be examined for any conditions or failures that could cause a discharge. Inspection shall include examination for leaks, wind blowing, corrosion, support or foundation failure, or other forms of deterioration or noncontainment. Inspection intervals shall be specified in the plan and shall be based on design and operational experience. Different areas may require different inspection intervals. Where a leak or other condition is discovered that may result in significant releases of Section 313 water priority chemicals to waters of the State, action to stop the leak or otherwise prevent the significant release of Section 313 water priority chemicals to waters of the State shall be immediately taken or the unit or process shut down until such action can be taken. When a leak or noncontainment of a Section 313 water priority chemical has occurred, contaminated soil, debris, or other material must be promptly removed and disposed in accordance with Federal, State, and local requirements and as described in the plan.

(9) Facility Security. Facilities shall have the necessary security systems to prevent accidental or intentional entry that could cause a discharge. Security systems described in the plan shall address fencing, lighting, vehicular traffic control, and securing of equipment and buildings.

(10) Training. Facility employees and contractor personnel that work in areas where Section 313 water priority chemicals are used or stored shall be trained in and informed of preventive measures at the facility. Employee training shall be conducted at intervals specified in the plan, but not less than once per year. Training shall address: pollution control laws and regulations, the storm water pollution prevention plan and the particular features of the facility and its operation that are designed to minimize discharges of Section 313 water priority chemicals. The plan shall designate a person who is accountable for spill prevention at the facility and who will set up the necessary spill emergency procedures and reporting requirements so that spills and emergency releases of Section 313 water priority chemicals can be isolated and contained before a discharge of a Section 313 water priority chemical can occur. Contractor or temporary personnel shall be informed of facility operation and design features in order to prevent discharges or spills from occurring.

C. Facilities subject to reporting requirements under EPCRA Section 313 for chemicals that are classified as 'Section 313 water priority chemicals' as described in the definition section of this permit that are handled and stored on-site only in gaseous or non-soluble liquid or solid (at atmospheric pressure and temperature) forms may provide a certification as such in the pollution prevention plan in lieu of the additional requirements for facilities subject to reporting under EPCRA Section 313. Such certification shall include a narrative description of all water priority chemicals and the

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form in which they are handled and stored, and shall be signed in accordance with Part VI, E, Signatory Requirements of this permit.

## APPENDIX B

### SECTION 313 WATER PRIORITY CHEMICALS

<u>CAS Number</u>	<u>Common Name</u>
75-07-0	Acetaldehyde
107-02-8	Acrolein
107-13-1	Acrylonitrile
309-00-2	Aldrin[1,4:5,8-Dimethanonaphthalene,1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a (1.alpha.,4.alpha.,4a.beta.,5.alpha.,8.alpha.,8a.beta.)-] hexahydro-
107-05-1	Allyl Chloride
7429-90-5	Aluminum (fume or dust)
7664-41-7	Ammonia
62-53-3	Aniline
120-12-7	Anthracene
7440-36-0	Antimony
7647189	Antimony pentachloride
28300745	Antimony potassium tartrate
7789619	Antimony tribromide
10025919	Antimony trichloride
7783564	Antimony trifluoride
1309644	Antimony trioxide
7440-38-2	Arsenic
1303328	Arsenic disulfide
1303282	Arsenic pentoxide
7784341	Arsenic trichloride
1327533	Arsenic trioxide
1303339	Arsenic trisulfide
1332-21-4	Asbestos (friable)
542621	Barium cyanide
71-43-2	Benzene
92-87-5	Benzidine
100470	Benzonitrile
218019	Benzo(a)phenanthrene
50328	Benzo(a)pyrene
205992	Benzo(b)fluoranthene
205823	Benzo(j)fluoranthene
207089	Benzo(k)fluoranthene
189559	Benzo(rst)pentaphene
56553	Benzo(a)anthracene
100-44-7	Benzyl chloride
7440-41-7	Beryllium
7787475	Beryllium chloride
7787497	Beryllium fluoride
7787555	Beryllium nitrate
111-44-4	Bis(2-chloroethyl) ether
75-25-2	Bromoform
74-83-9	Bromomethane (Methyl bromide)
85-68-7	Butyl benzyl phthalate

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7440-43-9	Cadmium
543908	Cadmium acetate
7789426	Cadmium bromide
10108642	Cadmium chloride
7778441	Calcium arsenate
52740166	Calcium arsenite
13765190	Calcium chromate
592018	Calcium cyanide
133-06-2	Captan [1H-Isoindole-1,3(2H)-dione,3a,4,7,7a-tetrahydro-2-[(trichloromethyl)thio]-]
63-25-2	Carbaryl [1-Naphthalenol, methylcarbamate]
75-15-0	Carbon disulfide
1563662	Carbofuran
56-23-5	Carbon tetrachloride
57-74-9	Chlordane [4,7-Methanoindan,1,2,4,5,6,7,8,8- octachloro-2,3,3a,4,7,7a-hexahydro-]
7782-50-5	Chlorine
59-50-7	4-Chloro 3-methyl phenol
	p-Chloro-m-cresol
108-90-7	Chlorobenzene
75-00-3	Chloroethane (Ethyl chloride)
67-66-3	Chloroform
74-87-3	Chloromethane (Methyl chloride)
95-57-8	2-Chlorophenol
106-48-9	4-Chlorophenol
75729	Chlorotrifluoromethane
1066304	Chromic acetate
11115745	Chromic acid
10101538	Chromic sulfate
7440-47-3	Chromium
1308-14-1	Chromium (Tri)
10049055	Chromous chloride
7789437	Cobaltous bromide
544183	Cobaltous formate
14017415	Cobaltous sulfamate
7440-50-8	Copper
108-39-4	m-Cresol
9548-7	o-Cresol
106-44-5	p-Cresol
4170303	Crotonaldehyde
1319-77-3	Cresol (mixed isomers)
142712	Cupric acetate
12002038	Cupric acetoarsenite
7447394	Cupric chloride
3251238	Cupric nitrate
5893663	Cupric oxalate
7758987	Cupric sulfate
10380297	Cupric sulfate, ammoniated
815827	Cupric tartrate
57-12-5	Cyanide
506774	Cyanogen chloride
333415	Diazinon
94-75-7	2,4-D [Acetic acid, (2,4-dichlorophenoxy)-]
226368	Dibenz(a,h)acridine
224420	Dibenz(a,j)acridene
5385751	Dibenzo(a,e)fluoranthene
192654	Dibenzo(a,e)pyrene

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53703	Dibenzo(a,h)anthracene
189640	Dibenzo(a,l)pyrene
191300	Dibenzo(a,h)pyrene
194592	7, H-Dibenzo(c,g)carbazole
106-93-4	1,2-Dibromoethane (Ethylene dibromide)
84-74-2	Dibutyl phthalate
1929733	2,4 D Butoxyethyl ester
94804	2,4 D Butyl ester
2971382	2,4 D Chlorocrotyl ester
1918009	Dicamba
95-50-1	1,2-Dichlorobenzene
541-73-1	1,3-Dichlorobenzene
106-46-7	1,4-Dichlorobenzene
91-94-1	3,3'-Dichlorobenzidine
75-27-4	Dichlorobromomethane
107-06-2	1,2-Dichloroethane (Ethylene dichloride)
75434	Dichlorofluoromethane
540-59-0	1,2-Dichloroethylene
120-83-2	2,4-Dichlorophenol
78-87-5	1,2-Dichloropropane
10061026	trans-1,3-Dichloropropene
542-75-6	1,3-Dichloropropylene
62-73-7	Dichlorvos [Phosphoric acid, 2,2- dichloroethenyl dimethyl ester]
115-32-2	Dicofol [Benzenemethanol, 4-chloro-.alpha.- (4-chlorophenyl)-.alpha.-(trichloromethyl)-]
177-81-7	Di-(2-ethylhexyl) phthalate (DEHP)
84-66-2	Diethyl phthalate
124403	Dimethylamine
57976	7,12-Dimethylbenz(a)anthracene
105-67-9	2,4-Dimethylphenol
131-11-3	Dimethyl phthalate
534-52-1	4,6-Dinitro- <i>o</i> -cresol
51-28-5	2,4-Dinitrophenol
121-14-2	2,4-Dinitrotoluene
606-20-2	2,6-Dinitrotoluene
117-84-0	<i>n</i> -Dioctyl phthalate
122-66-7	1,2-Diphenylhydrazine (Hydrazobenzene)
94111	2,4-D Isopropyl ester
106-89-8	Epichlorohydrin
1320189	2,4-D Propylene glycol butyl ether ester
330541	Diuron
100-41-4	Ethylbenzene
106934	Ethylene dibromide
50-00-0	Formaldehyde
76-44-8	Heptachlor [1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrahydro-4,7-methano-1H-indene]
118-74-1	Hexachlorobenzene
319846	alpha-Hexachlorocyclohexane
87-68-3	Hexachloro-1,3-butadiene
77-47-4	Hexachlorocyclopentadiene
67-72-1	Hexachloroethane
7647-01-0	Hydrochloric acid
74-90-8	Hydrogen cyanide
7664-39-3	Hydrogen fluoride
193395	Indeno[1,2,3-cd]pyrene
7439-92-1	Lead

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301042	Lead acetate
7784409	Lead arsenate
7645252	" "
10102484	" "
7758954	Lead chloride
13814965	Lead fluoborate
7783462	Lead fluoride
10101630	Lead iodide
10099748	Lead nitrate
7428480	Lead stearate
1072351	" "
52652592	" "
7446142	Lead sulfate
1314870	Lead sulfide
592870	Lead thiocyanate
58-89-9	Lindane [Cyclohexane, 1,2,3,4,5,6-hexachloro-(1.alpha.,3.beta.,4.alpha.,5.alpha.,6.beta.)-]
14307258	Lithium chromate
121755	Malathion
108-31-6	Maleic anhydride
592041	Mercuric cyanide
10045940	Mercuric nitrate
7783359	Mercuric sulfate
592858	Mercuric thiocyanate
7782867	Mercurous nitrate
7439-97-6	Mercury
72-43-5	Methoxychlor [Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-methoxy-]
80-62-6	Methyl methacrylate
75865	2-Methylactonitrile
3697243	5-Methylchrysene
298000	Methyl parathion
7786347	Mevinphos
300765	Naled
91-20-3	Naphthalene
7440-02-0	Nickel
15699180	Nickel ammonium sulfate
37211055	Nickel chloride
7718549	" "
12054487	Nickel hydroxide
14216752	Nickel nitrate
7786814	Nickel sulfate
7697-37-2	Nitric acid
98-95-3	Nitrobenzene
88-75-5	2-Nitrophenol
100-02-7	4-Nitrophenol
5522430	1-Nitropyrene
62-75-9	<u>N</u> -Nitrosodimethylamine
86-30-6	<u>N</u> -Nitrosodiphenylamine
621-64-7	<u>N</u> -Nitrosodi- <u>n</u> -propylamine
56-38-2	Parathion [Phosphorothioic acid, O,O-diethyl-O-(4-nitrophenyl) ester]
87-86-5	Pentachlorophenol (PCP)
85018	Phenanthrene
108-95-2	Phenol
7664-38-2	Phosphoric acid
7723-14-0	Phosphorus (yellow or white)
1336-36-3	Polychlorinated biphenyls (PCBs)

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7784410	Potassium arsenate
10124502	Potassium arsenite
7778509	Potassium bichromate
7789006	Potassium chromate
151508	Potassium cyanide
2312358	Propargite
75-56-9	Propylene oxide
91-22-5	Quinoline
7782-49-2	Selenium
7446084	Selenium oxide
7440-22-4	Silver
7761888	Silver nitrate
7631892	Sodium arsenate
7784465	Sodium arsenite
10588019	Sodium bichromate
7775113	Sodium chromate
143339	Sodium cyanide
7632000	Sodium nitrite
10102188	Sodium selenite
7782823	" "
7789062	Strontium chromate
NA	Strychnine & salts
100-42-5	Styrene
7664-93-9	Sulfuric acid
79-34-5	1,1,2,2-Tetrachloroethane
127-18-4	Tetrachloroethylene (Perchloroethylene)
935-95-5	2,3,5,6-Tetrachlorophenol
78002	Tetraethyl lead
7440-28-0	Thallium
10031591	Thallium sulfate
108-88-3	Toluene
8001-35-2	Toxaphene
52-68-6	Trichlorfon [Phosphonic acid, (2,2,2-trichloro-1-hydroxyethyl)-dimethylester]
120-82-1	1,2,4-Trichlorobenzene
71-55-6	1,1,1-Trichloroethane (Methyl chloroform)
79-00-5	1,1,2-Trichloroethane
79-01-6	Trichloroethylene
95-95-4	2,4,5-Trichlorophenol
88-06-2	2,4,6-Trichlorophenol
121448	Triethylamine
7440-62-2	Vanadium (fume or dust)
108-05-4	Vinyl acetate
75-01-4	Vinyl chloride
75-35-4	Vinylidene chloride
108-38-3	<u>m</u> -Xylene
95-47-6	<u>o</u> -Xylene
106-42-3	<u>p</u> -Xylene
1330-20-7	Xylene (mixed isomers)
7440-66-6	Zinc (fume or dust)
557346	Zinc acetate
14639975	Zinc ammonium chloride
14639986	" " "
52628258	" " "
1332076	Zinc borate
7699458	Zinc bromide

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3486359	Zinc carbonate
7646857	Zinc chloride
557211	Zinc cyanide
7783495	Zinc fluoride
557415	Zinc formate
7779864	Zinc hydrosulfite
7779886	Zinc nitrate
127822	Zinc phenolsulfonate
1314847	Zinc phosphide
16871719	Zinc silicofluoride
7733020	Zinc sulfate





CERTIFIED MAIL

January 12, 2022

TODD GIBBS  
THE EASTERN IOWA AIRPORT  
2515 ARTHUR COLLINS PKWY SW  
CEDAR RAPIDS, IA 52404

RE: Final NPDES Permit Amendment for 57-15-1-45, The Eastern Iowa Airport

Please find enclosed the final National Pollutant Discharge Elimination System (NPDES) permit amendment for the discharge of storm water from your facility.

If you have any questions or comments concerning this matter, please contact Joe Griffin at 515-725-8417 or [joe.griffin@dnr.iowa.gov](mailto:joe.griffin@dnr.iowa.gov).

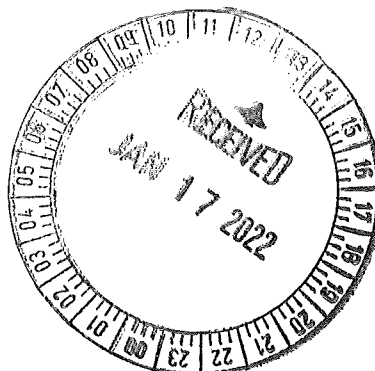
Sincerely,

Mark Lasnek

Digitally signed by Mark Lasnek  
Date: 2022.01.12 10:14:53  
-06'00'

Mark Lasnek  
NPDES Section

Enclosure



**STATE OF IOWA  
DEPARTMENT OF NATURAL RESOURCES  
ENVIRONMENTAL PROGRAM  
AMENDMENT TO NPDES PERMIT**

Iowa NPDES Permit # 57-15-1-45  
Date of Issuance: June 1, 2019  
Date of Expiration: May 31, 2024  
Date of this Amendment: **January 10, 2022**  
EPA NUMBER: IA0082236

**Name and Mailing Address of Applicant:**

The Eastern Iowa Airport  
2515 Arthur Collins Pkwy SW  
Cedar Rapids, IA 52404-8952

**Identity and Location of Facility:**

The Eastern Iowa Airport  
2515 Arthur Collins Pkwy SW  
Cedar Rapids, IA 52404-8952

Pursuant to the authority Iowa Code Section 455B.174, and of Rule 567--64.3, Iowa Administrative Code, the Director of the Iowa Department of Natural Resources has issued the above referenced permit. Pursuant to the same authority the Department hereby amends said permit as set forth below:

The permit is amended to change the location of outfall 010 from:


“latitude 41.88905° N and longitude 91.72122° W”

to:

“latitude 41.88987° N and longitude 91.72234° W”.

This change is made to accommodate the combined discharge from the original detention basin and a second basin added since the issuance of the permit.

For the Department of Natural Resources:

By   
\_\_\_\_\_  
Joe Griffin  
NPDES Section