

## Tier II Emergency and Hazardous Chemical Inventory

Reporting Period From January 1, 2017 to December 31, 2017

Annual  Update  Revised  Facility Information has changed from the last submission

<b>Facility Identification</b>				<b>Owner/Operator Details</b>		
ERC ID:	691250015	LEPC:		Name:	U of MN Board of Regents	
Facility Name:	U OF MN - DULUTH CAMPUS	Lat/Long:	46.818363/-92.090393	Address:	200 Oak St SE, Suite 600 Minneapolis, MN 55455-2020, United States	
Maximum Occupants:	13500	Nature of Business:	Higher Education	Phone:	612-625-6300 Email: calvin@umn.edu	
Physical Location:	1049 UNIVERSITY DRV, Duluth, MN 55812	County:	St. Louis	<b>Parent Company Details</b>		
Fire Department:	DULUTH	NAICS Code:	611310	Name:	U of MN Board of Regents	
Phone:	218-726-8000	SIC Code:	8221	Dun and Brad No:	555917996	
<input checked="" type="checkbox"/> Manned <input type="checkbox"/> Unmanned		Dun and Brad No:		Address:	200 Oak St SE, Suite 600 Minneapolis, MN 55455-2020, United States	
Email:	akimball@d.umn.edu	EIN ID(Tax Number):		Phone:		
		FTE:	1928	Email:		
		Facility ID:	10522	<b>Tier II Information Contact</b>		
Subject to EPCRA Section 312 (Annual Inventory)?				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name:	Calvin Cole
Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)?				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Title:	Compliance Specialist
Subject to Section 112r of Clean Air Act (CAA)?				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Phone:	612-624-6870 24 Hr.Phone: 612-490-3687
RMP Facility ID:					Email:	calvin@umn.edu
Subject to EPCRA Section 313 (Toxic Release Inventory - TRI)?				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
TRI Facility ID:	691250015			<b>Facility Emergency Planning Coordinator</b>		
<b>Mailing Address</b>				<b>Facility Emergency Planning Coordinator</b>		
Company Name:	U OF MN - Fay Thompson Center for Environmental Management			Name:	Andrew Kimball	
Attention:	Brian Brosnan			Title:	Sr EHS Specialist	
Street Address 1:	501 23RD AVE SE			Phone:	218-726-6764 24 Hr.Phone: 218-226-7011	
Street Address 2:				Email:	akimball@d.umn.edu	
City:	MINNEAPOLIS	State:	MN			
Zip:	55455-0447	Phone:	612-624-6836			
Country:	United States					
<b>Emergency Contacts</b>						
<b>Name</b>	<b>Title</b>	<b>Phone</b>	<b>24 Hr.Phone</b>	<b>Email</b>		
Andrew Kimball	Sr EHS Specialist	218-726-6764	218-226-7011	akimball@d.umn.edu		
Jean Cranston	EHS Specialist	218-726-7273	218-726-7139	jfcranst@d.umn.edu		
Certification: I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 6, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.					<b>Optional Attachments</b>	
Calvin Cole, Compliance Specialist		2/23/2018 5:20:35 PM	612-624-6870	Calvin Cole		<input type="checkbox"/> Site Plan
Name and official title of owner/operator or authorized representative		Date Signed	Telephone Number	Signature		<input checked="" type="checkbox"/> <a href="#">Site Coordinate Abbreviations</a>
						<input type="checkbox"/> Other Safeguard measures
						<input type="checkbox"/> Facility Emergency Response Plan

## Tier II Emergency and Hazardous Chemical Inventory

Facility/Site Name: U OF MN - DULUTH CAMPUS ERC ID: 691250015

Reporting Period From January 1, 2017 to December 31, 2017

Chemical Description	Physical Hazards	Health Hazards					
Chemical ID: 546299 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> <b>CAS #:</b> 7782-50-5 Trade Secret: <input type="checkbox"/> <b>Chemical Name:</b> CHLORINE EHS: <input checked="" type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPQ: <input checked="" type="checkbox"/> EHS Name: CHLORINE <input checked="" type="checkbox"/> Pure <input type="checkbox"/> Mix <input type="checkbox"/> Solid <input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Gas Chemical Added On: Exceed TPQ On: Check if the chemical is below reporting threshold: <input type="checkbox"/>	<input type="checkbox"/> Combustible dust <input type="checkbox"/> Corrosive to metal <input type="checkbox"/> Explosive <input type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input checked="" type="checkbox"/> Gas under pressure <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Organic peroxide <input checked="" type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Self-reactive	<input checked="" type="checkbox"/> Acute toxicity (any route of exposure) <input type="checkbox"/> Aspiration hazard <input type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> Reproductive toxicity <input checked="" type="checkbox"/> Respiratory or skin sensitization <input checked="" type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Simple asphyxiant <input checked="" type="checkbox"/> Skin corrosion or irritation <input type="checkbox"/> Specific target organ toxicity (single or repeated exposure)					
Inventory	Storage Codes & Location						
Max Daily Amt (lbs): 300 Max Daily Amt Code: 02 Avg Daily Amt (lbs): 225 Avg Daily Amt Code: 02 Max Amt in Largest Container (lbs): 150 No of days onsite: 365	Container Type	Pressure	Temperature	Storage Location	Description	Lat/Long	Max Amt At Location(lbs)
	[L]Cylinder	[2]Greater than ambient pressure	[4]Ambient temperature	SHED OUTSIDE SPORTS AND HEALTH CENTER, 1216 UNIVERSITY DR		/	300

# Tier II Emergency and Hazardous Chemical Inventory

Facility/Site Name: U OF MN - DULUTH CAMPUS    ERC ID: 691250015  
 Reporting Period From January 1, 2017 to December 31, 2017

Chemical Description	Physical Hazards	Health Hazards
Chemical ID: 546300 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: 68476-34-6 Trade Secret: <input type="checkbox"/> Chemical Name: DIESEL FUEL EHS: <input type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPQ: <input type="checkbox"/> EHS Name: <input type="checkbox"/> Pure <input checked="" type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas Chemical Added On:                      Exceed TPQ On: Check if the chemical is below reporting threshold: <input type="checkbox"/>	<input type="checkbox"/> Combustible dust <input type="checkbox"/> Corrosive to metal <input type="checkbox"/> Explosive <input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input type="checkbox"/> Gas under pressure <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Organic peroxide <input type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Self-reactive	<input checked="" type="checkbox"/> Acute toxicity (any route of exposure) <input checked="" type="checkbox"/> Aspiration hazard <input checked="" type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> Reproductive toxicity <input checked="" type="checkbox"/> Respiratory or skin sensitization <input type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Simple asphyxiant <input checked="" type="checkbox"/> Skin corrosion or irritation <input checked="" type="checkbox"/> Specific target organ toxicity (single or repeated exposure)

Inventory	Storage Codes & Location						
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Max Daily Amt (lbs): 26300 Max Daily Amt Code: 07 Avg Daily Amt (lbs): 15600 Avg Daily Amt Code: 06 Max Amt in Largest Container (lbs): No of days onsite: 365	<b>Container Type</b>	<b>Pressure</b>	<b>Temperature</b>	<b>Storage Location</b>	<b>Description</b>	<b>Lat/Long</b>	<b>Max Amt At Location(lbs)</b>
	[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	LIFE SCIENCE, 1110 KIRBY DRIVE		46.818363/-92.090393	
	[B]Below ground tank	[1]Ambient pressure	[4]Ambient temperature	FLEET & GROUNDS MAINTENANCE FACILITY, 120 W ELIZABETH ST		46.818363/-92.090393	
	[B]Below ground tank	[1]Ambient pressure	[4]Ambient temperature	SCHOOL OF MEDICINE, 1035 UNIVERSITY DR		46.818363/-92.090393	
	[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	HEATING PLANT, 223 W COLLEGE ST		46.818363/-92.090393	
	[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	LIBRARY BUILDING, 416 LIBRARY DR		46.818363/-92.090393	
	[C]Tank inside building	[1]Ambient pressure	[4]Ambient temperature	SWENSON SCIENCE		46.818363/-92.090393	

# Tier II Emergency and Hazardous Chemical Inventory

Facility/Site Name: U OF MN - DULUTH CAMPUS ERC ID: 691250015  
 Reporting Period From January 1, 2017 to December 31, 2017

		BUILDING, 1035 KIRBY DR
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Chemical Description	Physical Hazards	Health Hazards
Chemical ID: 546301 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> CAS #: 68476-30-2 Trade Secret: <input type="checkbox"/> Chemical Name: FUEL OIL EHS: <input type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPQ: <input type="checkbox"/> EHS Name: <input type="checkbox"/> Pure <input checked="" type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas Chemical Added On: Exceed TPQ On: Check if the chemical is below reporting threshold: <input type="checkbox"/>	<input type="checkbox"/> Combustible dust <input type="checkbox"/> Corrosive to metal <input type="checkbox"/> Explosive <input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input type="checkbox"/> Gas under pressure <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Organic peroxide <input type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Self-reactive	<input checked="" type="checkbox"/> Acute toxicity (any route of exposure) <input checked="" type="checkbox"/> Aspiration hazard <input checked="" type="checkbox"/> Carcinogenicity <input type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> Reproductive toxicity <input checked="" type="checkbox"/> Respiratory or skin sensitization <input type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Simple asphyxiant <input checked="" type="checkbox"/> Skin corrosion or irritation <input checked="" type="checkbox"/> Specific target organ toxicity (single or repeated exposure)

Inventory	Storage Codes & Location																			
Max Daily Amt (lbs): 599200 Max Daily Amt Code: 11 Avg Daily Amt (lbs): 359000 Avg Daily Amt Code: 10 Max Amt in Largest Container (lbs): No of days onsite: 365	<table border="1"> <thead> <tr> <th>Container Type</th> <th>Pressure</th> <th>Temperature</th> <th>Storage Location</th> <th>Description</th> <th>Lat/Long</th> <th>Max Amt At Location(lbs)</th> </tr> </thead> <tbody> <tr> <td>[B]Below ground tank</td> <td>[1]Ambient pressure</td> <td>[4]Ambient temperature</td> <td>HEATING PLANT, 223 W COLLEGE ST</td> <td></td> <td>46.818363/-92.090393</td> <td></td> </tr> </tbody> </table>	Container Type	Pressure	Temperature	Storage Location	Description	Lat/Long	Max Amt At Location(lbs)	[B]Below ground tank	[1]Ambient pressure	[4]Ambient temperature	HEATING PLANT, 223 W COLLEGE ST		46.818363/-92.090393						
Container Type	Pressure	Temperature	Storage Location	Description	Lat/Long	Max Amt At Location(lbs)														
[B]Below ground tank	[1]Ambient pressure	[4]Ambient temperature	HEATING PLANT, 223 W COLLEGE ST		46.818363/-92.090393															

## Tier II Emergency and Hazardous Chemical Inventory

Facility/Site Name: U OF MN - DULUTH CAMPUS ERC ID: 691250015

Reporting Period From January 1, 2017 to December 31, 2017

Chemical Description	Physical Hazards	Health Hazards					
Chemical ID: 546298 Check if Chemical Information is changed from the last submission: <input checked="" type="checkbox"/> <b>CAS #:</b> 8006-61-9 Trade Secret: <input type="checkbox"/> <b>Chemical Name:</b> GASOLINE EHS: <input type="checkbox"/> Contains EHS: <input type="checkbox"/> Exceeds TPQ: <input type="checkbox"/> EHS Name: <input type="checkbox"/> Pure <input checked="" type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas Chemical Added On: _____ Exceed TPQ On: _____ Check if the chemical is below reporting threshold: <input type="checkbox"/>	<input type="checkbox"/> Combustible dust <input type="checkbox"/> Corrosive to metal <input type="checkbox"/> Explosive <input checked="" type="checkbox"/> Flammable (gases, aerosols, liquids, or solids) <input type="checkbox"/> Gas under pressure <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input type="checkbox"/> In contact with water emits flammable gas <input type="checkbox"/> Organic peroxide <input type="checkbox"/> Oxidizer (liquid, solid or gas) <input type="checkbox"/> Pyrophoric (liquid or solid) <input type="checkbox"/> Pyrophoric gas <input type="checkbox"/> Self-heating <input type="checkbox"/> Self-reactive	<input checked="" type="checkbox"/> Acute toxicity (any route of exposure) <input checked="" type="checkbox"/> Aspiration hazard <input checked="" type="checkbox"/> Carcinogenicity <input checked="" type="checkbox"/> Germ cell mutagenicity <input type="checkbox"/> Hazard Not Otherwise Classified (HNOC) <input checked="" type="checkbox"/> Reproductive toxicity <input type="checkbox"/> Respiratory or skin sensitization <input type="checkbox"/> Serious eye damage or eye irritation <input type="checkbox"/> Simple asphyxiant <input checked="" type="checkbox"/> Skin corrosion or irritation <input checked="" type="checkbox"/> Specific target organ toxicity (single or repeated exposure)					
Inventory	Storage Codes & Location						
Max Daily Amt (lbs): 12400 Max Daily Amt Code: 06 Avg Daily Amt (lbs): 7400 Avg Daily Amt Code: 05 Max Amt in Largest Container (lbs): No of days onsite: 365	Container Type	Pressure	Temperature	Storage Location	Description	Lat/Long	Max Amt At Location(lbs)
	[B]Below ground tank	[1]Ambient pressure	[4]Ambient temperature	FLEET AND GROUND MAINTENANCE FACILITY, 120 W ELIZABETH ST		46.818363/-92.090393	

## Tier II Emergency and Hazardous Chemical Inventory

Facility/Site Name: U OF MN - DULUTH CAMPUS    ERC ID: 691250015

Reporting Period From January 1, 2017 to December 31, 2017

Chemical Amount Range Code & Description		
#	Code	Amount Range
1	01	[01] 0-99
2	02	[02] 100-499
3	03	[03] 500-999
4	04	[04] 1,000-4,999
5	05	[05] 5,000-9,999
6	06	[06] 10,000-24,999
7	07	[07] 25,000-49,999
8	08	[08] 50,000-74,999
9	09	[09] 75,000-99,999
10	10	[10] 100,000-499,999
11	11	[11] 500,000-999,999
12	12	[12] 1,000,000-9,999,999
13	13	[13] 10,000,000- Greater than 10 million