

ORIGINAL

1239 Kipke Drive Ann Arbor, MI 48109-2036

THE UNIVERSITY OF MICHIGAN
GENERAL INCIDENT REPORT

CASE STATUS	RELATED UN INCIDENT	INCIDENT YEAR	INCIDENT NUMBER
Closed		2010	2397

OFFENSE 1	NATURE OF OFFENSE Miscellaneous Non-Criminal				ATTEMPT/COMPLETE Completed	BIAS MOTIVATION None	WEAPON None
	OFFENDER SUSPECTED OF USING ALCOHOL DRUGS COMPUTER		PREMISES ENTERED	GANG INVOLVED JUVENILE OTHER		DOMESTIC VIOLENCE No	
	CRIMINAL ACTIVITY OPERATING/PROMOTING/ ASSISTING		CULTIVATING/MANUFACTURING/ PUBLISHING	EXPLOITING CHILDREN DISTRIBUTING/SELLING	BUYING/RECEIVING POSSESSING/CONCEALING	USING/CONSUMING TRANSPORTING/TRANSMITTING/IMPORTING	

OFFENSE 2	NATURE OF OFFENSE				ATTEMPT/COMPLETE	BIAS MOTIVATION	WEAPON
	OFFENDER SUSPECTED OF USING ALCOHOL DRUGS COMPUTER		PREMISES ENTERED	GANG INVOLVED JUVENILE OTHER		DOMESTIC VIOLENCE	
	CRIMINAL ACTIVITY OPERATING/PROMOTING/ ASSISTING		CULTIVATING/MANUFACTURING/ PUBLISHING	EXPLOITING CHILDREN DISTRIBUTING/SELLING	BUYING/RECEIVING POSSESSING/CONCEALING	USING/CONSUMING TRANSPORTING/TRANSMITTING/IMPORTING	

OFFENSE 3	NATURE OF OFFENSE				ATTEMPT/COMPLETE	BIAS MOTIVATION	WEAPON
	OFFENDER SUSPECTED OF USING ALCOHOL DRUGS COMPUTER		PREMISES ENTERED	GANG INVOLVED JUVENILE OTHER		DOMESTIC VIOLENCE	
	CRIMINAL ACTIVITY OPERATING/PROMOTING/ ASSISTING		CULTIVATING/MANUFACTURING/ PUBLISHING	EXPLOITING CHILDREN DISTRIBUTING/SELLING	BUYING/RECEIVING POSSESSING/CONCEALING	USING/CONSUMING TRANSPORTING/TRANSMITTING/IMPORTING	

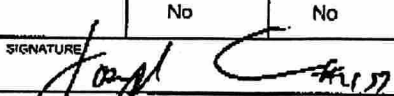

OFFENSE 4	NATURE OF OFFENSE				ATTEMPT/COMPLETE	BIAS MOTIVATION	WEAPON
	OFFENDER SUSPECTED OF USING ALCOHOL DRUGS COMPUTER		PREMISES ENTERED	GANG INVOLVED JUVENILE OTHER		DOMESTIC VIOLENCE	
	CRIMINAL ACTIVITY OPERATING/PROMOTING/ ASSISTING		CULTIVATING/MANUFACTURING/ PUBLISHING	EXPLOITING CHILDREN DISTRIBUTING/SELLING	BUYING/RECEIVING POSSESSING/CONCEALING	USING/CONSUMING TRANSPORTING/TRANSMITTING/IMPORTING	

INCIDENT LOCATION						
STREET NUMBER	STREET NAME		CITY	STATE	ZIP	ROOM#
1400	Nichols Dr.		Ann Arbor	MI	48109	Lot M29
INCIDENT OCCURRED				INCIDENT REPORTED		ORIGINATING UNIT
DATE FROM	TIME FROM	DATE TO	TIME TO	DATE	TIME	Public Safety
7/19/2010	19:20	7/19/2010	19:21	7/19/2010	19:21	

PERSONS INVOLVED				
SEQ	PERSON TYPE	NAME	GENDER	RACE
1	Complainant	"Tom"	Unknown	Unknown
HOME ADDRESS		HOME PHONE	AGE	DOB
Huron Valley Ambulance, Ann Arbor, MI.			00	
OTHER ADDRESS		OTHER PHONE	BEST TIME TO REACH	AFFILIATION
				Unknown

VICTIM	VICTIM TYPE Not Applicable	CONNECTED OFFENSE 1 2 3 4	ETHNICITY Unknown	RESIDENCE Unknown	INJURY None
	CIRCUMSTANCE Not Applicable	JUSTIFIABLE HOMICIDE Not Applicable	OFFENDER 1 Victim was Stranger	OFFENDER 2 Victim was Stranger	OFFENDER 3 Victim was Stranger

OFFENDER	HEIGHT 0'00	WEIGHT 0	BUILD Unknown	HAIR STYLE Unknown	HAIR COLOR Unknown	EYE COLOR Unknown	FACIAL HAIR Unknown	EYE WEAR Unknown
	ALIAS Unknown/None	COMPLEXION Unknown	OPS CODE/STATE Unknown/None		OTHER ID	39N		

EXCEPTIONAL CLEARANCE Not applicable	CLEARANCE DATE	OFFENDER KNOWN No	VEHICLE KNOWN No	EVIDENCE COLL. No	OTHER AGENCY ORI	OTHER AGENCY CASE
REPORTING OFFICER Anderson, Joseph	SIGNATURE 	DATE OF REPORT 7/19/2010	REVIEWED BY 			

**THE UNIVERSITY OF MICHIGAN
ADDITIONAL PERSON REPORT**

INCIDENT YEAR	INCIDENT NUMBER
2010	2397

PERSON INVOLVED			
SEQ	PERSON TYPE	NAME	RACE
2	Victim	Society/Public	Unknown
HOME ADDRESS		HOME PHONE	DOB
1239 Kipke, Ann Arbor, MI. 48109		(734) 763-1131	00
OTHER ADDRESS		OTHER PHONE	AFFILIATION
			Unknown

VICTIM	VICTIM TYPE	CONNECTED OFFENSE	ETHNICITY	RESIDENCE	INJURY
	Society/Public	1 2 3 4	Unknown	Unknown	None
OFFENDER	CIRCUMSTANCE	JUSTIFIABLE HOMICIDE	VOIR	OFFENDER 1	OFFENDER 2
	Not Applicable	Not Applicable		Victim was Strang	Victim was Strang
				OFFENDER 3	OFFENDER 4
				Victim was Strang	Victim was Strang
				OFFENDER 5	
				Victim was Strang	

HEIGHT	WEIGHT	BUILD	HAIR LENGTH	HAIR COLOR	EYE COLOR	FACIAL HAIR	EYE WEAR
0'00	0	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
ALIAS	COMPLEXION	OPS CODE/STATE	OTHER ID		SSN		
Unknown/None	Unknown	Unknown/None					

PERSON INVOLVED			
SEQ	PERSON TYPE	NAME	RACE
3	Witness	Lichtman, Lori	White
HOME ADDRESS		HOME PHONE	DOB
OTHER ADDRESS		OTHER PHONE	AFFILIATION
			Visitor

VICTIM	VICTIM TYPE	CONNECTED OFFENSE	ETHNICITY	RESIDENCE	INJURY
	Not Applicable	1 2 3 4	Unknown	Unknown	None
OFFENDER	CIRCUMSTANCE	JUSTIFIABLE HOMICIDE	VOIR	OFFENDER 1	OFFENDER 2
	Not Applicable	Not Applicable		Victim was Str	Victim was Str
				OFFENDER 3	OFFENDER 4
				Victim was Str	Victim was S
				OFFENDER 5	
				Victim was Str	

HEIGHT	WEIGHT	BUILD	HAIR LENGTH	HAIR COLOR	EYE COLOR	FACIAL HAIR	EYE WEAR
0'00	0	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown
ALIAS	COMPLEXION	OPS CODE/STATE	OTHER ID		SSN		
Unknown/None	Unknown	Unknown/None					

PERSON INVOLVED			
SEQ	PERSON TYPE	NAME	RACE
4			
HOME ADDRESS		HOME PHONE	DOB
OTHER ADDRESS		OTHER PHONE	AFFILIATION

VICTIM	VICTIM TYPE	CONNECTED OFFENSE	ETHNICITY	RESIDENCE	INJURY
		1 2 3 4			
OFFENDER	CIRCUMSTANCE	JUSTIFIABLE HOMICIDE	VOIR	OFFENDER 1	OFFENDER 2
				OFFENDER 3	OFFENDER 4
					OFFENDER 5

HEIGHT	WEIGHT	BUILD	HAIR LENGTH	HAIR COLOR	EYE COLOR	FACIAL HAIR	EYE WEAR
ALIAS	COMPLEXION	OPS CODE/STATE	OTHER ID		SSN		

REPORTING OFFICER	SIGNATURE	DATE OF REPORT	REVIEWED BY
Anderson, Joseph	<i>Joseph Anderson</i>	7/19/2010	<i>One</i>

**THE UNIVERSITY OF MICHIGAN
NARRATIVE / SUPPLEMENT REPORT**

<input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> SUPPLEMENT	DATE & TIME OF THIS REPORT: 07/19/2010 19:21	INCIDENT TYPE: Health and Safety	ORIGINAL YEAR: 2010	INCIDENT NUMBER: 2397
REPORTING OFFICER: Anderson #151 <i>[Signature]</i>	NARRATIVE NAME: Original Report	INFORMATION RECEIVED FROM: "Tom" from H.V.A.	SUPERVISOR REVIEW: <i>[Signature]</i>	

Location:

Lot M-29 (drainage pipe located under asphalt parking lot which drains into the Huron River),
1400 Nichols Dr., Ann Arbor, MI

Report Received:

While on patrol, I overheard UM DPS Dispatch requesting an officer respond to the area of lot M-29/Nichols Arboretum/Helicopter pads reference a report of a gas leak. I advised Dispatch I was in the area and would respond to the complaint. I arrived on the scene at approx. 7:24pm on 07-19-10, and met up with employees from the Ann Arbor Fire Dept. staged in lot M-29. They had received a separate complaint from a subject named "Mike" concerning a chemical spill in the Huron River.

Actions Taken:


Several Ann Arbor Fire Dept. employees and I began checking the areas around the Huron River for signs of gas leakage in the water. We were initially unable to locate any problems/signs of contamination in the water. "Tom", an employee from H.V.A. who contacted our Dept. to report the river contamination issue was not on scene. Ann Arbor Fire Dept. employees on scene advised they had a witness who could show us where the contamination was located within the river. They advised me the witness was located near the Ronald McDonald House. I responded to that location and met up with Lori Lichtman. I then conveyed her via patrol vehicle #80 to the Nichols Arboretum. She directed me to a spot off the main drive which parallels the river leading from M-29 to where the trees open providing full view of the river. She pointed to a subject named "Mike Kelly" who was standing by the river. Lichtman advised that "Mike" informed her that he had been in the river and had noticed unknown contaminants floating on the water. Lichtman also noticed the unknown substance in the water and became concerned.

Investigation:

I met with Lichtman and obtained the above information. Lichtman and "Mike" also provided information to the Ann Arbor Fire Dept. The Ann Arbor Fire Dept. and I searched the areas up and down the river attempting to locate the source of the contaminants. Ann Arbor Fire Dept. Battalion Chief, Steven Lowe and I checked the UM Survival Flight Helicopter pads to see if jet fuel may have been a possible source. This did not appear to be the case.

A member from the Ann Arbor Fire Dept. located a drainage pipe at the above mentioned location which appeared to be the source of the unknown chemical substance draining into the river. UM DPS Police Sgt, Gary Hicks was apprised of the incident. UM OSEH was summoned on scene. UM Hospital Security was also summoned on site and we requested assistance from them in contacting someone from UM Hospital Maintenance. James Teeple from Hospital Maintenance arrived on scene at approx. 8:40pm. Teeple was unable to provide them with information pertaining to drainage schematics concerning the various drainage pipes leading down to the river. Teeple did advise them that if there was any jet fuel leaks pertaining to the

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REPORTING OFFICER: Anderson #151	NARRATIVE NAME: Original Report	INFORMATION RECEIVED FROM: "Tom" from H.V.A.		SUPERVISOR REVIEW: 

storage fuel containers for the helicopters at the helipads, a computer alarm would have notified them of such.

Ann Arbor Fire Dept. Lt, Lea Strickfaden, analyzed the unknown chemical substance obtained via skimming the surface of the water. According to Lt. Strickfaden, a machine analyzed the chemicals within the water as "Phosphoric Acid- H3PO4" This information was made available @ approx. 8:52pm. UM Dispatch was appraised of this information. Lt. Strickfaden also advised that another analysis had been conducted by other Ann Arbor Fire Dept. personnel down by Gallop Park. A different/unknown chemical substance was obtained at that time per Lt. Strickfaden.

Some absorbent materials were placed around the drainage pipe by the A.A.F.D. Additional absorbents were called on scene as there were not enough present to do the job. U.M. O.S.E.H. Representative, Jeff Wilson ((734) 763-3403) arrived on scene at approx. 9:30pm. Wilson advised that the Ann Arbor Fire Dept. was in control of the scene and he was there as an observer.

I spoke with UM Hospital Security and requested their services in searching for a source of the contamination. I asked them to check all the parking structures surrounding the hospital as well as the Mott Hospital Construction Site.

I met with William Bondy (Barton Mallow Labor Foreman for Mott Hospital Construction Site, (248)-866-6286) who arrived on scene at lot M-29. Bondy informed me that their company does not dispose of any chemicals on the job site. Painters might have paint thinner, but it is kept in small containers. Bondy could not think of any other ideas/possibilities that might explain how these contaminants got into the river.

The Ann Arbor Fire Dept. placed rocks and more absorbent booms around the drainage pipe in an attempt to contain the contaminants from going down stream. Wilson informed Sgt. Richmond that "Young Environmental" would be responding to the location tomorrow to assist in further cleanup.

UM DPS Police Officer, Pete Pressly, checked the name on the construction equipment kept inside the M-18 parking structure per my request. The name on the equipment is "Meridian Restoration" ((517) 625-5969). It appears as though they are doing parking structure restorative work in the M-18 parking structure. Phosphoric Acid is commonly used as a cleaner by construction site cement crews to remove mineral deposits according to information obtained by UM DPS Communications Specialist, Amanda Hayes. The Ann Arbor Fire Dept. did not have any thoughts/ideas pertaining to an amount of contaminants which may have gone downstream.

Status:
Closed

**THE UNIVERSITY OF MICHIGAN
NARRATIVE / SUPPLEMENT REPORT**

ORIGINAL

8/6/10 @ 12:30am		Hazardous Material Incident		2010	2397
REPORTING OFFICER: Cavanaugh 177 <i>RAC</i>	NARRATIVE NAME: Supplement	INFORMATION RECEIVED FROM:		SUPERVISOR REVIEW: <i>[Signature]</i>	

NATURE:

Hazardous Material Incident

SUMMARY:

This incident occurred on July 19th at approximately 7:20pm. I was assigned this incident to compile all documents from this incident into one comprehensive report. Furthermore, it is my job to document and investigate any criminal violations that may or may not have occurred. After reviewing numerous reports and emails one needs to look at the facts that are attributed and accountable to individuals. Results with incomplete information and references are not completely reliable without proper documentation to substantiate the findings.

INVESTIGATION:

The investigation revealed that numerous results from numerous people were given out during this incident. With so many people from different departments and agencies all answers to inquiries should come from the incident commander and/or HazMat leader. The following information reveals the steps taken by different entities in attempts to locate the point of origin and substance.

A canvass of the M-18 construction site was conducted by UofM PD officers and UofM OSEH staff. No phosphoric acid was found and no phosphoric acid waiver was issued to construction company, Meridian Restoration.

A canvass was done by UofM OSEH Heather Rice and Patti Spence of the drainage pipe and access points. The specific drainage pipe has over 100 access points and is approx. 2,900 feet in length. There are numerous catch basins, manholes and storm grates that were checked for any type of residue consistent with the substance found in the Huron River. They did not discover the location of origin.

Tim Pearsall from UofM AEC responsible for the Kresge construction site reported no spills on that site. Scott Harrington from Parking Services reported that work crews checked M-18 with negative results of any petroleum and/or acid spill. Heather Rice UofM OSEH spoke with Survival Flight and the hospital with nothing to report reference any type of spillage.

PREVIOUSLY REPORTED:

This section refers to previously reported information that I attempted to verify with tangible information.

Officer Anderson initially reported "It appears as though they are doing parking structure restorative work in the M-18 parking structure. Phosphoric Acid is commonly used as a cleaner by construction site cement crews to remove mineral deposits according to information obtained by UM DPS Communications Specialist, Amanda Hayes." The information given by

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ORIGINAL

DATE OF INCIDENT	INCIDENT TYPE	INCIDENT YEAR	INCIDENT NUMBER
8/6/10 @ 12:30am	Hazardous Material Incident	2010	2397
REPORTING OFFICER: Cavanaugh 177 <i>RAC</i>	NARRATIVE NAME: Supplement	INFORMATION RECEIVED FROM:	SUPERVISOR REVIEW: <i>[Signature]</i>

Communication Specialist Hayes is accurate but incomplete. Heather Rice from UofM OSEH supplied additional information. Heather Rice is the Senior OSEH rep for the storm water management, sanitary sewer system discharge, surface water quality, and soil erosion control programs. Heather reported that there is a strict restriction on the usage of phosphoric acid on construction sites. Most of the time, OSEH will deny a companies request to use phosphoric acid on a restoration projects here at the University.

Regarding the preliminary results from Lt. Strickfaden, I have not seen any documentation to support the preliminary report of Phosphoric Acid. The preliminary results are not supported with any of the visual observations and further test results were contrary to Phosphoric Acid.

After reviewing an email dated Fri, July 30th 2010 @ 12:43 addressed to Police@a2gov.org from ahkntaten74@hotmail.com, I took the following quote, "I presume you are aware that it was 88% Phosphoric Acid with a pH of 7. (as noted by the Ann Arbor Fire Department report)" That is not a complete representation of what was reported in the AAFD report.

The following is a complete excerpt from page 3 of the AAFD report, "Ph taken revealed 7, neutral. Attempted to identify material with Haz ID with 88% indication of Phosphoric Acid. Sample indicated that there was a mixture of products. Attempted to narrow down chemical but were unsuccessful getting a definite reading." That statement is also found in the AAFD report page 3. The author of the email misinterpreted the 88% as the concentration of Phosphoric Acid when in reality it indicated that the Haz ID was 88% sure the substance was Phosphoric Acid.

In an email from Andrew Burchfield dated Tuesday, July 20th, 2010 @ 4:44pm he indicated that "AA Fire used a test kit and initially identified the substance as Phosphoric Acid; however the PH level was 7 on multiple tests." It is unknown who from AAFD conducted those test in addition those results are skewed because Phosphoric Acid has a pH of 1.5.

Furthermore, after researching Phosphoric Acid the Material Safety Data Sheet provided by Sciencelab.com Section 9 refers to the physical and chemical properties of Phosphoric Acid. Phosphoric Acid is clear, colorless syrupy liquid, odorless, miscible in all proportions in water, and has a pH of 1.5. This is in direct contradiction to the substance recovered from the Huron River the night of this incident. I personally observed a sample from the water that night and there was a complete separation of the two liquids. I could see a thick, yellow/white substance on top of the water which contradicts the clear, miscible properties of Phosphoric Acid. In addition, the liquid had a petroleum scent which contradicts the odorless property of Phosphoric Acid.

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REPORTING OFFICER: Cavanaugh 177 <i>RAC</i>	NARRATIVE NAME: Supplement	INFORMATION RECEIVED FROM:	SUPERVISOR REVIEW: <i>[Signature]</i>

CONCLUSION:

At this time, the point of origin for the spill, amount, and cause of spill is unknown. I have reviewed the narrative report that was created by the Hazmat Team Leader, Bradley Tanner from AAFD. On page three of his narrative report, Tanner reported the results indicating that the substance was Mineral Oil. And the following data/results to support that conclusion is as follows.....

- pH of 7 to 8
- Photo Ionization Detector = 21ppm
- Flame Test = non flammable
- Ahura = no match found
- Hazmat IDLight Mineral Oil .91381 similarity
Mineral Oil .91175 similarity

No criminal activity and/or malice was discovered in this investigation and there are no investigative leads at this time. Copies of the AAFD fire report will be enclosed with this report.

CASE STATUS:

Closed

NR. Cavanaugh 177