



# SUNY CANTON FIRE

FEBRUARY 10, 2012  
CANTON, NEW YORK

*For NYSEMA Winter Conference  
February 13, 2013*





# *Presenters...*



Ron Raymond, NYSOEM,  
Regional Coordinator, Region IV

Chris Taylor, NYSOFP&C,  
Fire Protection Specialist

Dr. Joseph Kennedy, Senior Advisor to  
the Chancellor, State University of New  
York, and Past-President of SUNY  
Canton

# THE “TEAM”

- OVER (40) AGENCIES, DEPARTMENTS, ORGANIZATIONS, COMPANIES AND HUNDREDS OF INDIVIDUALS THAT ALL CAME TOGETHER AND WORKED TOGETHER TO PRODUCE A SUCCESSFUL OUTCOME TO THIS INCIDENT, FROM SUPPRESSION THROUGH TO REPOPULATION OF THE CAMPUS, AND BEYOND TO THE REPAIRS AND RECONSTRUCTION OF THE DAMAGED BUILDINGS.
- *ACKNOWLEDGE,*
- *GIVE CREDIT,*
- *THANK THEM*
- LATER, IN DR. KENNEDY’S PRESENTATION, HE WILL LIST THE AGENCIES AND ORGANIZATIONS.

# *THE FORMAT...*

- ❖ OVERVIEW
- ❖ GENERAL INCIDENT INFORMATION
- ❖ LESSONS LEARNED
  
- ❖ CHRIS TAYLOR
  - ❖ FIRE DEPARTMENT OPERATIONS
  - ❖ HAZ-MAT OPERATIONS
  - ❖ DECONTAMINATION
  - ❖ LESSONS LEARNED
  
- ❖ DR. KENNEDY
  - ❖ OVERVIEW OF THE UNIVERSITY
  - ❖ UNIVERSITY ACTIONS
  - ❖ STATUS TODAY
  - ❖ LESSONS LEARNED

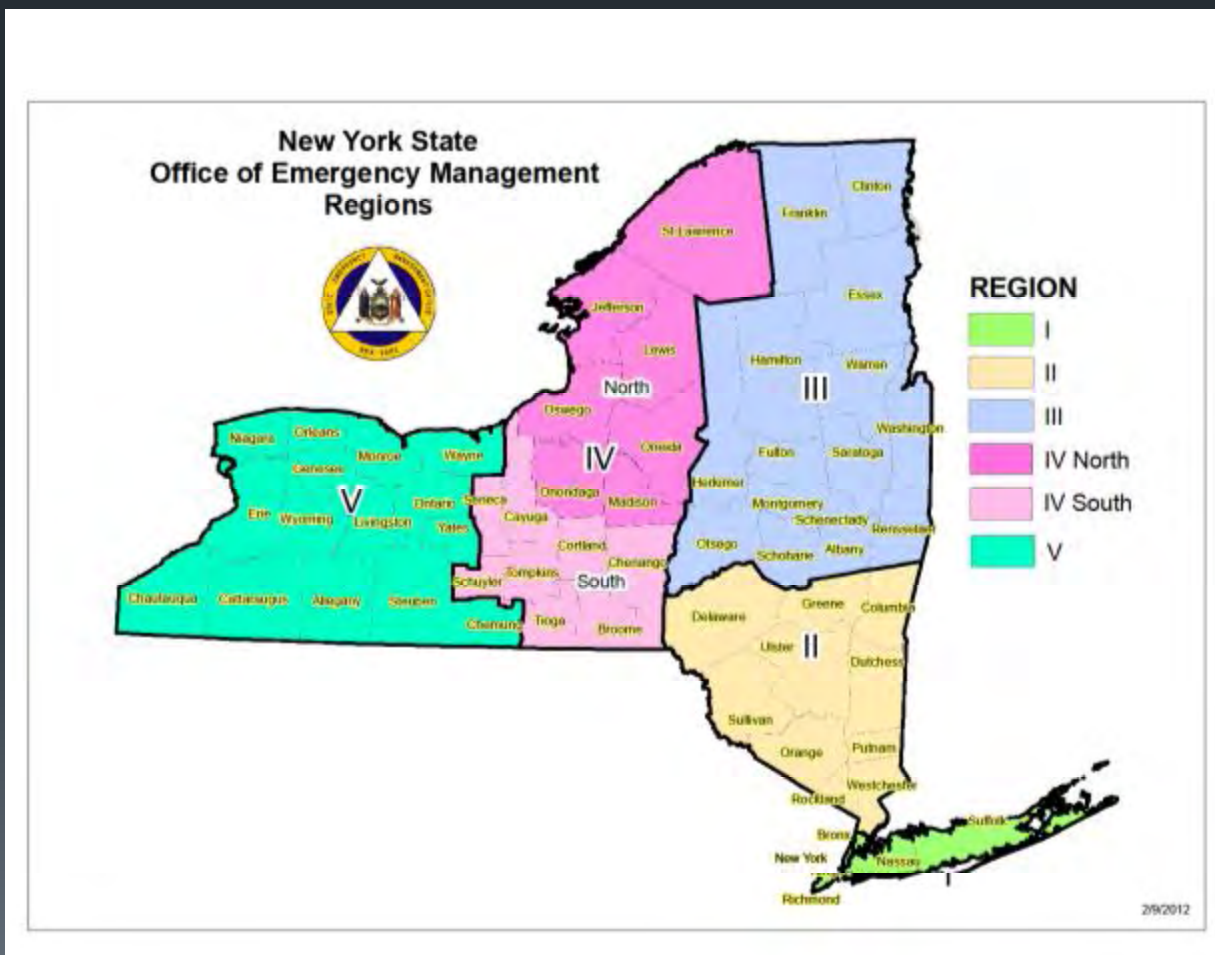
*CAVEAT...*



THIS PRESENTATION  
WILL BE THE  
*“50,000-FOOT VIEW”*

# *NYSOEM BACKGROUND...*

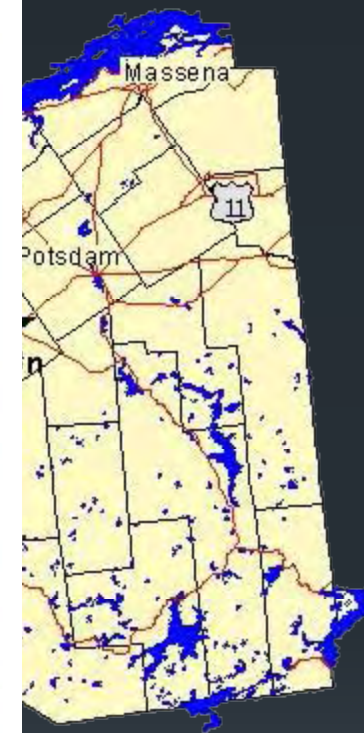
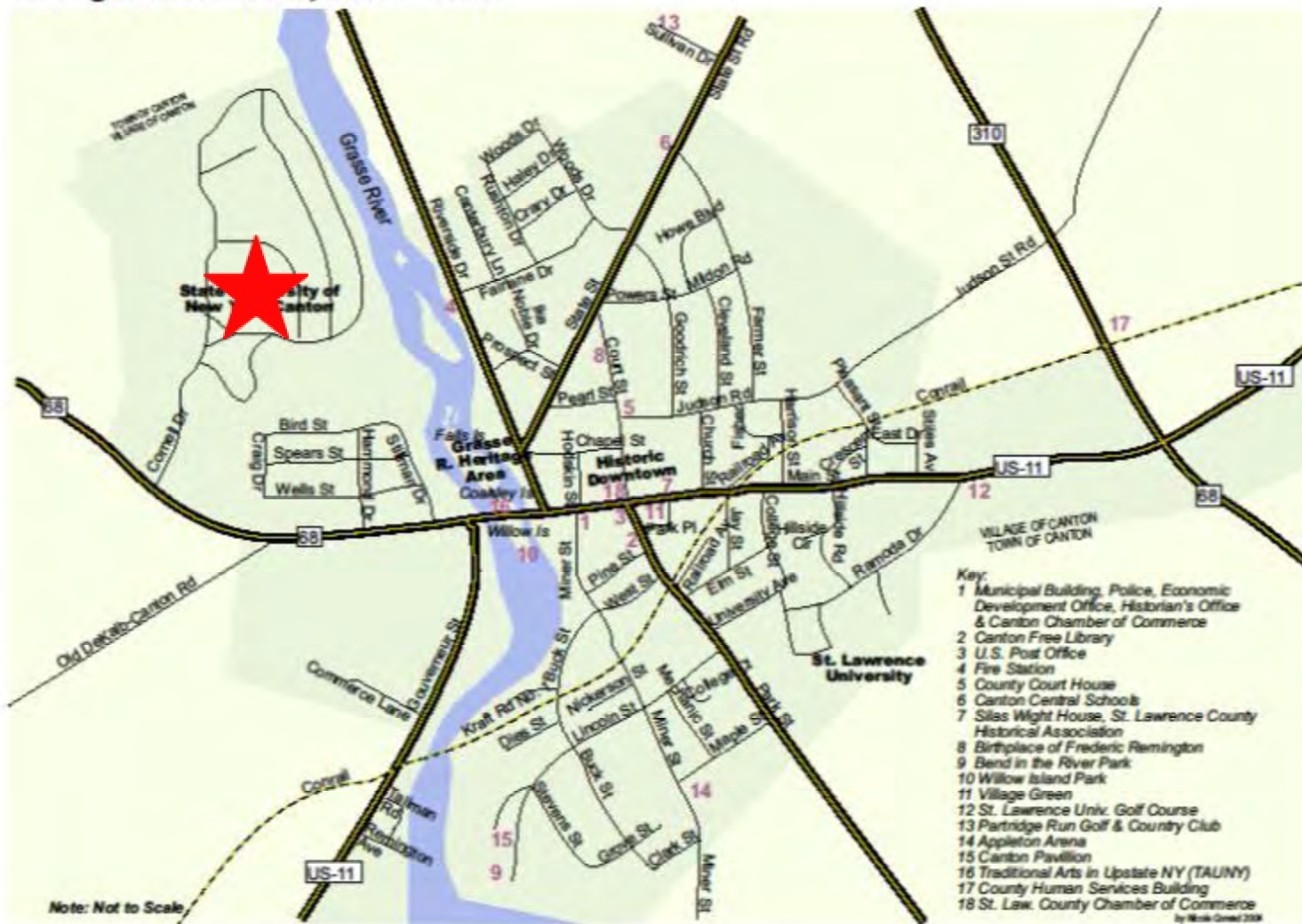
- Tuesday, February 07, 2012
- NYSOEM Region IV, first Region to be divided, (“North & South”) and myself and Tom McCartney received “field promotions” to be the Acting Regional Directors...



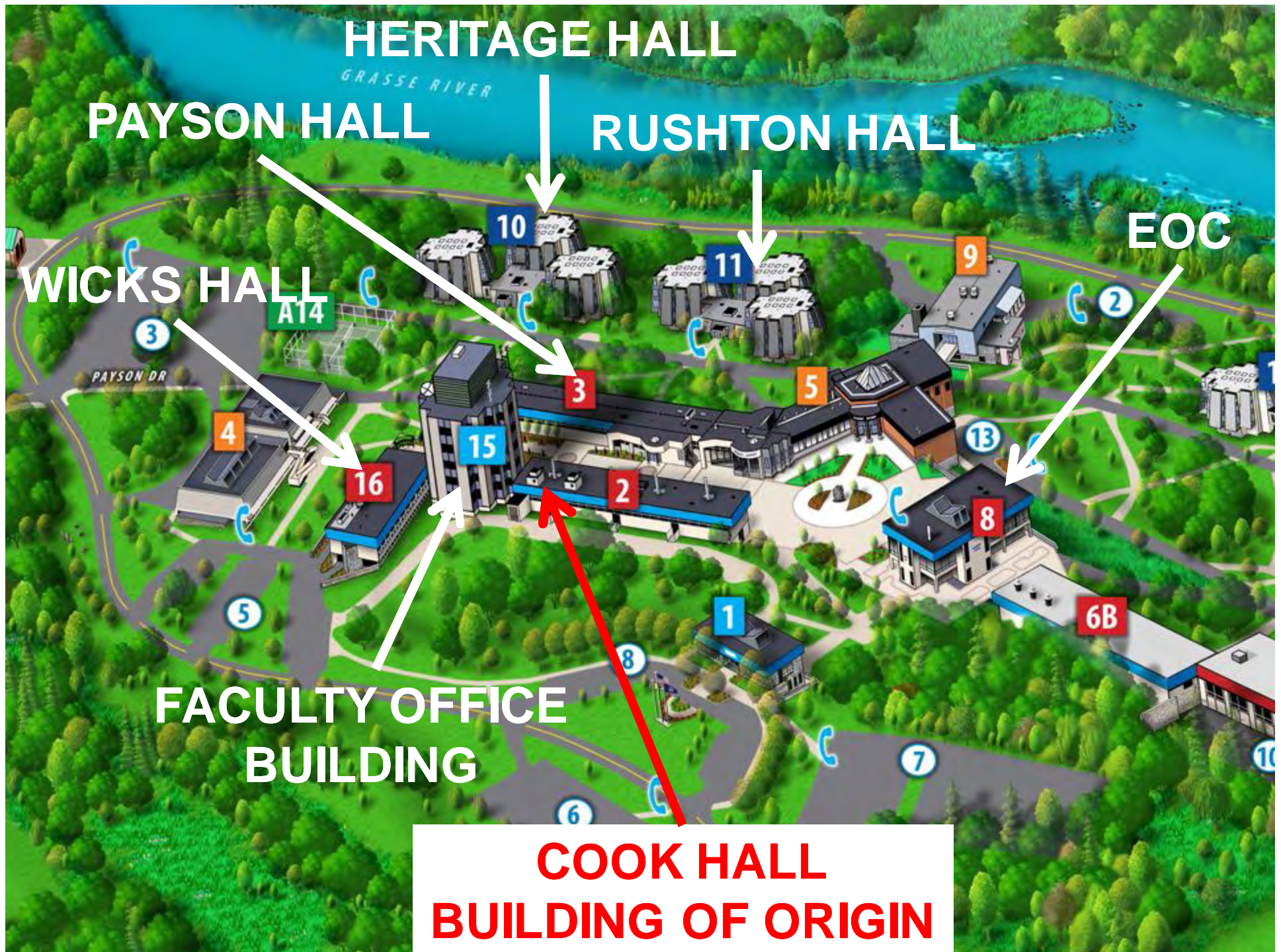


# ST. LAWRENCE COUNTY

## Village of Canton, New York









# *Friday, February 10, 2012*



- ❑ 13:15 NEW YORK STATE WATCH CENTER *“...WORKING FIRE IN THE CHEMISTRY LABORATORY AT SUNY CANTON”*
- ❑ ST. LAWRENCE COUNTY EMERGENCY MANAGER/FIRE COORDINATOR
  - ❑ *“...PRETTY BAD FIRE, CHEMICAL STORAGE ROOM, UNKNOWN HAZARDOUS MATERIALS AND CONTAMINANTS, HAVE (10) FIRE DEPARTMENTS INVOLVED, COUNTY HAZMAT ON THE SCENE, DECON IS SETUP, “... COULD USE YOU HERE.”*
- ❑ DEPUTY EM CONFIRMS PREVIOUS INFORMATION AND ADDING THAT SUNY OFFICIALS, NYSOFP&C AND NYSDEC WERE ON SCENE, AND OPTECH IS ENROUTE.\*\*\*

# *Friday, February 10, 2012 (cont.)*



☐ CHRIS TAYLOR\*\*\*

☐ DOES INSPECTIONS AT THE CAMPUS AND HAS ACCESS TO BLUEPRINTS AND PLANS FOR ALL THE AFFECTED BUILDINGS

☐ CONFIRMS INFORMATION FROM EM AND DEM

☐ WORKING WITH SUNY CANTON PRESIDENT DR. JOSEPH KENNEDY\*\*\*

☐ OFP&C INVESTIGATORS ENROUTE

☐ CONTAINING RUNOFF IN HOLDING RESERVOIR

☐ OPTECH MAY NOT BE ENROUTE, MAY NOT HAVE BEEN CALLED\*\*\*

*Friday, February 10, 2012 (cont.)*



- ❑ DR. KENNEDY CONFIRMS THAT OPTTECH HAS NOT BEEN CALLED\*\*\*
- ❑ STUDENTS ARE BEING SENT HOME – LEAVING CAMPUS TOMORROW\*\*\*
- ❑ NO CLASSES NEXT WEEK\*\*\*
- ❑ NYSOGS: BIDS ARE OUT FOR TESTING AND CLEANUP, RESULTS ARE DUE IN AT 16:00, SELECTION/AWARD TO FOLLOW IMMEDIATELY

# Friday, February 10, 2012 (cont.)



- ❑ CANTON FIRE CHIEF:
  - ❑ SUBSTANTIALLY OUT, BUT, ACTIVE FIRE ON THE ROOF OF COOK HALL (BUILDING OF ORIGIN)
  - ❑ UNIT WITH (700) GALLONS OF GLYCOL IS LEAKING
  - ❑ COOK - SIGNIFICANT FIRE, SMOKE, WATER AND STRUCTURAL DAMAGE, UNKNOWN CONTAMINATION
  - ❑ FOB - FIRE/HEAT, SMOKE AND WATER CONDITIONS/DAMAGE
  - ❑ WICKS AND PAYSON HALLS - SMOKE CONTAMINATION
  - ❑ RUSHTON AND HERITAGE – POSSIBLE SMOKE CONTAMINATION
  - ❑ AFFECTED BUILDINGS WERE EVACUATED IMMEDIATELY
  - ❑ NO INJURIES OR FATALITIES\*\*\*
  - ❑ 30-40 FIREFIGHTERS BEING DECONTAMINATED



# *Friday, February 10, 2012 (cont.)*



- ❑ PRESIDENT KENNEDY AND SUNY CANTON EMERGENCY MANAGEMENT TEAM (SCENT)
  - ❑ DISPOSITION OF STUDENTS
  - ❑ ACCOUNTABILITY OF THOSE “EXPOSED”
  - ❑ “WHAT-IFS” AND CONSEQUENCE/CONTINGENCIES
  - ❑ FACILITATE THE 3-Cs
- ❑ COUNTY EM/FC, NYSOFP&C, NYSDEC, NYSDOH\*\*\*, NYSOGS\*\*\* AND SCUP MEETING
- ❑ REQUESTED THE SCENT MEET WITH ALL OF THE ABOVE THAT NIGHT
  - ❑ DISCUSS THEIR OBSERVATIONS, STATUS OF THINGS THEY WERE RESPONSIBLE FOR, AND FUTURE CONCERNS, AND DIRECTLY ASK THEM QUESTIONS

# Friday, February 10, 2012 (cont.)



- ❑ NYSOGS HIRED ATLANTIC TESTING LABORATORIES
- ❑ ARRIVAL TOMORROW MORNING (SATURDAY/DAY 2)
- ❑ LABORATORY SELECTION?
  - ❑ WORKING THE WEEKEND?
  - ❑ SUGGESTION BY NYSDOH AND SUPPORTED BY NYSOEM TO SEND SAMPLES TO WADSWORTH IN ALBANY\*\*\*
- ❑ CONTINUITY OF CUSTODY BY ALL-STATE AGENCIES
- ❑ “PREMIER LABORATORY IN THE COUNTRY”
- ❑ IF WEEKEND WORK A PROBLEM WILL GO TO COMMISSIONER
- ❑ SUNY CANTON UNIVERSITY POLICE (SCUP) CAN/WILL ALSO ASSIST AS NECESSARY WITH TRANSPORT

# *Saturday, February 11, 2012*



- ❑ “WHITE-BOARDED” VITAL INFORMATION REGARDING WHAT WAS KNOWN AND WHAT NEEDED TO BE KNOWN
- ❑ MET WITH PRESIDENT KENNEDY AND THE SCEMT
  - ❑ STATUS, OBJECTIVES , MORE “WHAT-IFS” AND CONTINGENCIES
  - ❑ PRINCIPAL AGENCIES BEGAN SETTING UP OFFICES IN THE SOUTHWORTH LIBRARY BUILDING\*\*\*
  - ❑ SET UP FOR (2) FACE-TO-FACE BRIEFINGS PER DAY WITH ALL PRINCIPALS\*\*\*

# *Saturday, February 11, 2012*



- ❑ DISCUSSION THAT BUILDINGS DO HAVE ASBESTOS
  - ❑ NYSOGS HAS HIRED CLEAN HARBORS FOR CLEANUP AND DECON\*\*\*
- ❑ SC DIRECTOR OF FACILITIES ANNOUNCES THAT COOK HALL WINDOW CAULKING CONTAINS PCBs
- ❑ “NEW BALL GAME”
  - ❑ STRICTLY REGULATED, REGARDLESS OF THE QUANTITY
  - ❑ COMPLICATES SAMPLING, TESTING
  - ❑ CONCERN REGARDING EXPOSURES
- ❑ NEED EHS PLAN!\*\*\*
  - ❑ WORK WITH SUNY POTSDAM EHS DEPARTMENT



# OBJECTIVES



- IDENTIFY AND QUANTIFY HAZARDOUS MATERIALS INVOLVED, AND POTENTIAL INITIAL AND/OR LONG-TERM EXPOSURE THREATS/RISKS TO PEOPLE, PROPERTY AND THE ENVIRONMENT – AIR/SURFACE/DEBRIS SAMPLING/TESTING
- IDENTIFY WHERE AND WHAT TYPE OF DECONTAMINATION IS REQUIRED AND/OR PRACTICAL
- ENGINEERING ASSESSMENT OF BUILDING OF ORIGIN FOR SAFETY
  - DETERMINE IF SAFE TO CONDUCT SAMPLING, FIRE INVESTIGATION
  - DETERMINE IF SAFE TO CONDUCT DAMAGE ASSESSMENT
  - DETERMINE SAFETY AND FEASIBILITY OF REPAIR, REBUILD, OR DEMOLISH.
- ENCLOSURE AND SECURITY OF BUILDINGS

# *OBJECTIVES (cont.)...*



- CONDUCT AIR AND SURFACE SAMPLING AND ASSESSMENT IN (5) OTHER BUILDINGS TO IDENTIFY AND QUANTIFY CONTAMINATION
- ESTABLISH AND MAINTAIN A FIRE WATCH ON THE BUILDING OF ORIGIN AND THE 6-STORY FACULTY OFFICE BUILDING DUE TO POSSIBLE RE-KINDLE AND THE LOSS OF ITS FIRE DETECTION SYSTEM(S)
- STOP WATER LEAK IN THE FACULTY OFFICE BUILDING DUE TO DAMAGED WATER LINE. SHUT DOWN IS NOT POSSIBLE - SUPPLYING THE BOILERS TO HEAT SEVERAL CAMPUS BUILDINGS
- DETERMINE DAMAGE AND REPAIR NEEDS TO CAMPUS I.T. SYSTEM

# OBJECTIVES (cont.)...



- ESTABLISH AND MAINTAIN COMMUNICATIONS WITH PROVIDE STUDENTS, FACULTY, STAFF, PARENTS, FAMILIES, COMMUNITY AND MEDIA REGARDING CONDITIONS
- ASSESS WHAT ACTIONS HAVE TO BE TAKEN TO RETURN ALL BUILDINGS AND SYSTEMS TO ACCEPTABLE LEVELS THAT WOULD ALLOW A RETURN TO “NORMAL” OPERATIONS
- INVESTIGATE AND ATTEMPT TO ACQUIRE A SUITABLE LOCATION AND ABILITY TO ALLOW FOR THE CONTINUATION OF INSTRUCTION OF COURSES THAT WERE DEPENDENT ON THE COOK HALL LABS (St. Lawrence University)
- DETERMINE HOW FACULTY AND ADMINISTRATION WILL CONTINUE TO FUNCTION
- DETERMINE CAUSE AND ORIGIN OF THE FIRE

\*\*\*\*

#### Briefing Meetings

1030 and 1700 Daily

Begin with asking the SUNY Canton President (President Kennedy) to say a few words about today's progress.

Intro of all people at the table.

#### Current Situation Briefing out

Fire Operations Branch (Dep Chf Swarthaut)

Investigations

Haz Mat (LEFT)

County Fire Coord/EM/Canton Fire Chief

Environmental Support/OGS

Atlantic Testing Labs-taking samples sending to Wadsworth

Clean Harbors-does site cleanup BUT not asbestos

DOL/PESH/DOH/SUNY-Environment Health and Safety

University Facilities (Mike McCormic)

Site Director

SUNY Central Construction

OGS

University Admin

VP Admin (Chris Gray)

PIO

Provost

HR

University Police Department

Albany Support (SUNY Central and SUNY Canton Lawyer) on phone

Ask President for comments

Next Briefing:

# DAILY BRIEFINGS AT 1030 & 1700 HOURS

- REPRESENTATIVES FROM EACH AGENCY/ORGANIZATION PROVIDE:
  - CURRENT STATUS OF THEIR RESPECTIVE OPERATIONS
  - DISCUSS ANY ISSUES, CONCERNS OR PROBLEMS
  - SET GOALS, OBJECTIVES AND DEADLINES





## ATLANTIC TESTING LABORATORIES

\*\*\*\*\*

Sample Status Table				
Location	Sample Type	Laboratory	Use of Results	Status
Rushton Hall	Air (VOC, Metals)	Wadsworth	Reoccupy Building	Pending
Heritage Hall	Air (VOC, Metals)	Wadsworth	Reoccupy Building	Pending
Wickes Hall	Air (VOC, Metals)	Wadsworth	Reoccupy Building	Pending
Payson Hall	Air (VOC, Metals)	Wadsworth	Reoccupy Building	Pending
FOB	Air (VOC, Metals)	Wadsworth	Reoccupy Building	Pending
	Floor Wipes (Metals, PCB's, dioxins/furans)			
	Asbestos	Amerisci New York	Asbestos Assessment and Abatement	Results Received; Floor Tiles in Room No. 120 only water impacted materials determined to be Asbestos-Containing material (ACM)
Cook Hall <i>Wickes Hall? EPA</i> <i>Wickes Hall? EPA</i>	Debris (Metals, PCB, dioxins, furans, cyanide)	Moved to NEA PACE (ATL)	Health and Safety Evaluation; Waste Characterization	Pending expected today except dioxins
	Charred Window Caulk and Glazing (dioxins/furans)	Wadsworth	Indication of dioxin presence due to heat conversion of PCBs in caulk and glazing	Pending
	Floor Wipes (Metals, PCB's, dioxins/furans)		Health and Safety Evaluation Characterization	
	Roof (asbestos)		Placement of temporary cover on roof	Preliminary results received (negative), but need TEM confirmation analysis

Updated February 16, 2012

# ATLANTIC TESTING LABORATORIES

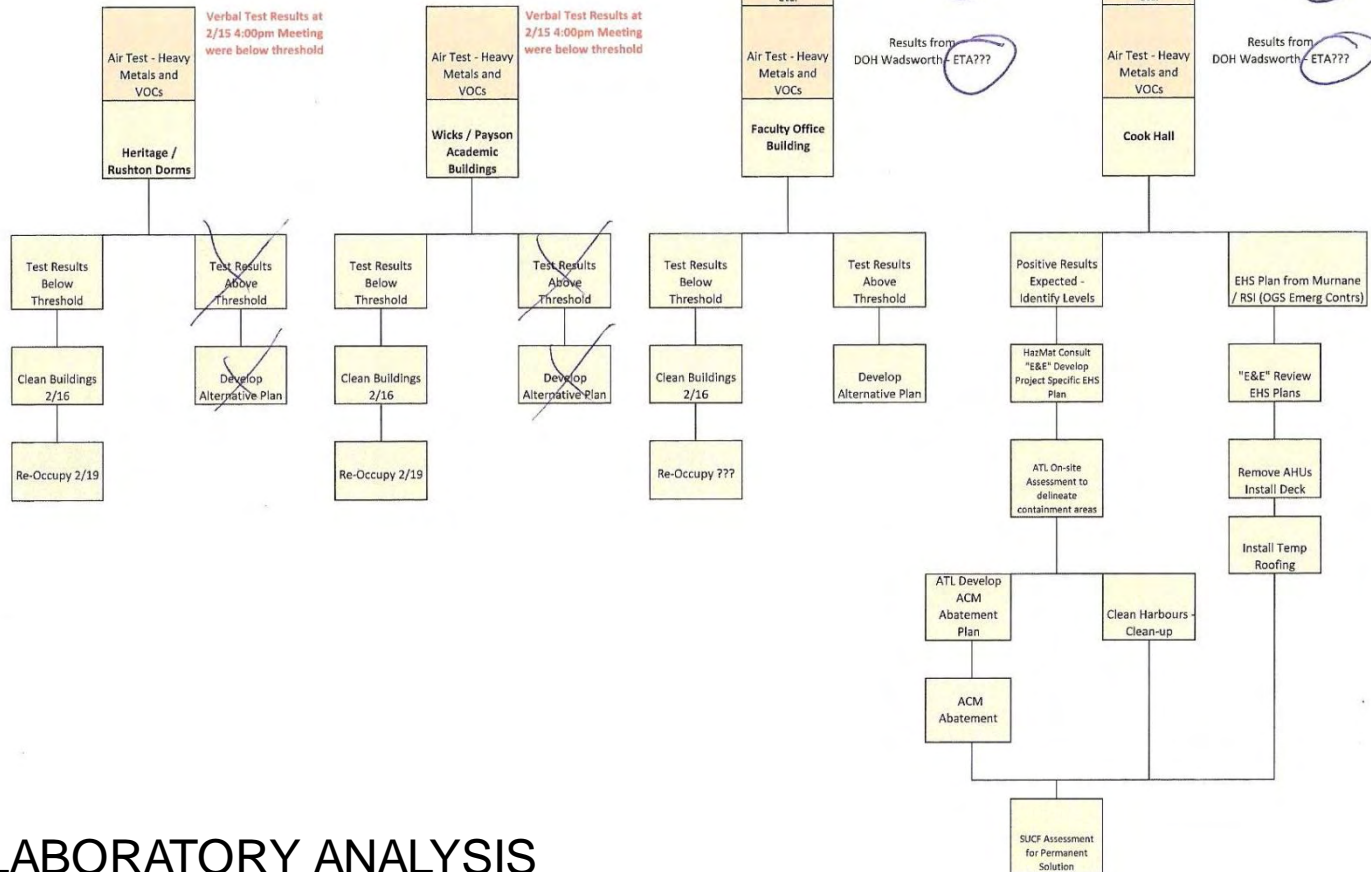
## SAMPLE STATUS REPORT



Heritage, Rushton, Wicks, and Payson have been verbally cleared at 4:00 pm on 2/15. A letter is expected from DOH on Thursday 2/16 to support this.

Faculty Office Building is a lower priority for the campus. It is not required to resume classes.

Cook Hall priority is to install temp roof and secure building and utilities ASAP and provide protection pending engineering / programming assessment for permanent.



## LABORATORY ANALYSIS FLOW CHART & SAMPLE STATUS

# SITE SPECIFIC PLAN CHAPTER 13

☒ EMERGENCY RESPONSE ☐ REGULATED SUBSTANCE ☐ TANK REMOVAL ☒ HAZARDOUS WORK

1.0 SITE INFORMATION  
 CLIENT: MURANE Bldg. Contractors / SUNY Canton DATE(S): 2/12/12  
 JOB LOCATION: SUNY CANTON COLLEGE JOB #:  
 CLIENT CONTACT NAME: Robert Chase CHS LOCATION: 425V  
 CLIENT PHONE #: 518.561.4010 CHS PHONE #: 315.463.9901  
 ADDRESS: 104 Sharron Ave, PO Box 3048, Plattsburgh, NY 12901

2.0 SCOPE OF WORK  
 Task 1: Assist Fire Investigation Unit in Removing chemicals that  
 Task 2: impaird investigation  
 Task 3:  
 Task 4:  
 Task 5:

3.0 CHEMICAL HAZARDS ☐ MSDS AVAILABLE, ATTACHED, REVIEWED  
☐ ANALYTICAL AVAILABLE, ATTACHED, REVIEWED  
 Physical State: Hazard Characteristics:  
☐ Gas/Vapor ☐ Flamm/Comb ☐ Biological  
☒ Liquid ☐ Explosive ☐ Toxic  
☒ Solid ☐ Corrosive ☒ Unknown  
☐ Sludge ☐ Radioactive ☐ BBP  
☐ Other ☐ Reactive ☐ Other

Regulated Substance:  
☐ Arsenic ☐ Acrylonitrile ☐ Asbestos ☐ Benzene ☐ Beryllium ☐ 1,3-Butadiene ☐ Cadmium  
☐ Dichlorobenzidine (DCB) ☐ Ethylene Oxide ☐ Formaldehyde ☐ Lead ☐ Methylene Chloride ☐ Vinyl Chloride

4.0 PHYSICAL HAZARDS  
 4.1 OPERATIONS / HAZARDS  

TASK #	TASK #	TASK #
<input type="checkbox"/> Abrasive Blasting (1)	<input type="checkbox"/> Excavator/Backhoe (1)	<input type="checkbox"/> Power tools (1)
<input type="checkbox"/> Abrasive wheels/tools (1)	<input type="checkbox"/> Falling Objects (1)	<input type="checkbox"/> Pumpout
<input type="checkbox"/> Air Compressor (1)	<input type="checkbox"/> Flammable/Comb liquid transfer (3)	<input type="checkbox"/> Rigging (1)
<input type="checkbox"/> Bobcat Loader (1)	<input type="checkbox"/> Floor holes (1)	<input checked="" type="checkbox"/> Runoff
<input type="checkbox"/> Boom Maintenance	<input checked="" type="checkbox"/> Handtools (1)	<input type="checkbox"/> Sharp Objects (1)
<input type="checkbox"/> Bucketting	<input type="checkbox"/> Heatstress (3)	<input type="checkbox"/> Scarify
<input type="checkbox"/> Chainsaw (1)	<input type="checkbox"/> Hotsy (1)	<input checked="" type="checkbox"/> Slips/Trips/Falls (1)
<input type="checkbox"/> Coldstress (3)	<input type="checkbox"/> Hotwork (3)	<input type="checkbox"/> Shovel/Squeegee
<input type="checkbox"/> Compressed gas cylinders	<input type="checkbox"/> Housekeeping (1)	<input type="checkbox"/> Track Cleaning (3)
<input type="checkbox"/> Container sampling	<input type="checkbox"/> Inerting Spaces (1)	<input type="checkbox"/> Vactor/Cusco (3)
<input type="checkbox"/> Cranes (1)	<input checked="" type="checkbox"/> Lighting (1)	<input type="checkbox"/> Vacuum Truck (1)
<input type="checkbox"/> Drains and sumps	<input type="checkbox"/> Line Opening	<input type="checkbox"/> Vehicular traffic (1)
<input type="checkbox"/> Drum Handling (3)	<input type="checkbox"/> Load Rolloff	<input type="checkbox"/> Water Blaster (3)
<input type="checkbox"/> Elevated work	<input checked="" type="checkbox"/> Manual Lifting (3)	<input checked="" type="checkbox"/> Work on/near Water (2)
<input type="checkbox"/> Aerial lifts (1,3)	<input type="checkbox"/> Neutralization	<input type="checkbox"/> Welding, Cutting, Burning (1)
<input type="checkbox"/> Scaffolds (1,2,3)	<input type="checkbox"/> Noise (1,3)	<input checked="" type="checkbox"/> Unknown Materials (3)
<input type="checkbox"/> Fall Protection/Arrest (1,3)	<input type="checkbox"/> Overhead Lines (1)	<input checked="" type="checkbox"/> Other <u>colow weather</u>
<input type="checkbox"/> Ladders (1)	<input type="checkbox"/> Pneumatic Hammers (1)	
<input type="checkbox"/> Electrical Equipment (1,3)	<input type="checkbox"/> Pressure Washer	
<input type="checkbox"/> Excavations (3)	<input type="checkbox"/> Pressurized Container (3)	
1-Physical Hazard Data Sheet	2- Checklist	3-Program

## 4.2 HAZARD CONTROL

SEE PHYSICAL HAZARD DATA SHEETS, CHECKLISTS, AND PROGRAMS IDENTIFIED ABOVE.

<input checked="" type="checkbox"/> Area Taped Off:	<input checked="" type="checkbox"/> Daily Inspection Checklist	<input type="checkbox"/> Lockout/Tagout Permit	<input type="checkbox"/> Poly-off/enclose work area
<input checked="" type="checkbox"/> Regulated Area sign posted	<input type="checkbox"/> Electrical Equipment:	<input type="checkbox"/> Line Opening:	<input type="checkbox"/> Smoking area designated
<input checked="" type="checkbox"/> Work signs posted	<input type="checkbox"/> Explosion proof (Appr. Classif)	<input type="checkbox"/> Pressure Relieved	<input type="checkbox"/> Treatment Permit
<input type="checkbox"/> Bend and Ground (3)	<input type="checkbox"/> GFCI	<input type="checkbox"/> Drained	<input checked="" type="checkbox"/> Unknowns-Consult H&S
<input checked="" type="checkbox"/> Customer Safety Requirements	<input type="checkbox"/> Low Voltage isolation trans.	<input type="checkbox"/> Bleeder Open	<input type="checkbox"/> Vactor/Cusco:
<input checked="" type="checkbox"/> Copy obtained, reviewed	<input type="checkbox"/> Generator grounded	<input type="checkbox"/> Washed	<input checked="" type="checkbox"/> Safety Tee/Remote shut off
<input checked="" type="checkbox"/> Drains and low area protected	<input type="checkbox"/> Elevated Work:	<input type="checkbox"/> Steamed	<input checked="" type="checkbox"/> Vapor Control
<input checked="" type="checkbox"/> Dust Control (Wet mist, Other)	<input type="checkbox"/> Harness/ Lanyard	<input type="checkbox"/> Purged N2	<input type="checkbox"/> Vehicle Traffic:
<input type="checkbox"/> Excavation:	<input type="checkbox"/> Fall Arrest	<input type="checkbox"/> Non-conductive Tools	<input type="checkbox"/> Reflective vests
<input type="checkbox"/> Digsafe obtained	<input type="checkbox"/> Fall Prevention	<input type="checkbox"/> Non-sparking Tools	<input checked="" type="checkbox"/> Warning Signs
<input type="checkbox"/> Competent Person on Site	<input type="checkbox"/> Fire Permit	<input type="checkbox"/> Overhead Utilities/Piping:	<input checked="" type="checkbox"/> Traffic Cones
<input type="checkbox"/> Sloping/shoring options followed	<input type="checkbox"/> Hot Work Permit	<input type="checkbox"/> No equipment w/in 10'	<input checked="" type="checkbox"/> Police Detail
<input type="checkbox"/> Water Acc. Controlled	<input type="checkbox"/> Ignition Sources Eliminated	<input checked="" type="checkbox"/> Line shielded/deenergize	
<input type="checkbox"/> Spoil properly located	<input type="checkbox"/> Inerting	<input checked="" type="checkbox"/> Local Utility contacted	
<input type="checkbox"/> Ladders- Sufficient/location	<input checked="" type="checkbox"/> Illumination	<input checked="" type="checkbox"/> Client contacted	

# MURANE BUILDING CONTRACTORS

## ENVIRONMENTAL HEALTH AND SAFETY PLAN CHECKLIST



9.0 EQUIPMENT INSPECTIONS - Initial to verify equipment is inspected and safe to operate.

N/A Fire Extinguisher N/A SAR/SCBA N/A Scaffold  
N/A Forklift N/A Shower/eyewash N/A Fall Protection  
N/A Ladder N/A Vactor Butterfly  
N/A Retrieval Device N/A Wire rope/slings  
 OTHERS \_\_\_\_\_

10.0 KEY PERSONNEL and EMERGENCY NUMBERS

10.1 Telephone #s  
 (305) 379-2240 Fire Department ON SITE Branch Manager: Kris Goodman Pager: 518.365.6734  
ON SITE Ambulance Service Project Supervisor: Carleen Papa Pager: 315.534.1017  
ON SITE Police Department H&S Rep: John Menti Pager: 860.982.4195  
ON SITE State Police Chemtree # (800) 424-9300 State Poison Control Center # \_\_\_\_\_

State Env. Agency- Contact Name and Number: 315.285.2252

USEPA- Contact Name and Number: Dawn C. Howard

OSHA - Contact Name and Number: N. Svarovsky (315) 451-0808

NEAREST HOSPITAL NAME: CANTON/PUTNAM HOSPITAL PHONE: 315.261-5945

ADDRESS/DIRECTIONS: 80 E. MAIN ST, CANTON NY 13617.

Out of School Parking lot, go left on Rt. 68 and hospital is on R

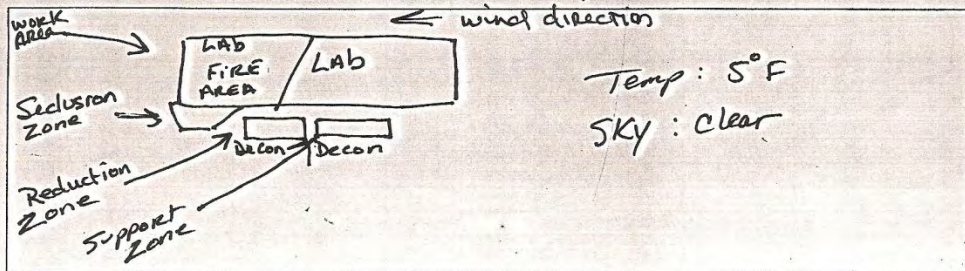
10.2 Communications

On-site: \_\_\_\_\_ Verbal \_\_\_\_\_ Air Horn ☒ Hand Signals \_\_\_\_\_ Electronic \_\_\_\_\_  
 \_\_\_\_\_ Other \_\_\_\_\_  
 Off-site: ☒ Mobile phone \_\_\_\_\_ Mobile Radio to Branch Office \_\_\_\_\_ Marine Radio \_\_\_\_\_  
 \_\_\_\_\_ Phone in Area \_\_\_\_\_ EMS Radio \_\_\_\_\_ Other \_\_\_\_\_

11.0 SITE EMERGENCIES - See Standard Emergency Guidelines

☒ Rescue/Emergency Equipment STATE FIRE, ST. LAWRENCE Ambulance, Police are on site  
☒ Evacuate Thru Decon Zone \_\_\_\_\_ Alternate Route \_\_\_\_\_  
☒ Assembly Area Established (Upwind- Specify safe distance) ST. LAWRENCE COMMAND TRAILER  
 \_\_\_\_\_ Anticipation, Recognition, Reaction: \_\_\_\_\_

12.0 SITE MAP: Optional for regulated substances or hazardous work permits. Show site topography, layout and prevailing weather conditions.



13.0 HEALTH AND SAFETY COMMENTS: PESH OFFICE Devised Health & Safety Plan  
w/ decon Instructions. Went over plan w/ John Menti of  
CHES

14.0 FOREMAN'S COMMENTS/SAFETY MEETING: Went over PESH SAFETY Plan. John  
Menti concurred w/ Plan. Once in Hot Zone Atlantic Testing  
labs found survey and conveyed to me that Asbestos was  
present. I immediately pulled my tech and chemist from the Seclusion  
Zone

15.0 FOREMAN'S SIGNATURE: Carleen Papa DATE: 2/12/12  
 H&S SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

16.0 CREW SIGNATURES: \_\_\_\_\_ DATE: 2/12/12  
Carleen Papa for Dave Chrusciel 2/12/12  
John Menti 2/12/12  
John Menti 2/12/12

I have read and understand the contents of this plan. I have current CHI 40/8-Hour Training and have completed Regulated Substance Training for the substances identified above, if applicable.

# MURANE BUILDING CONTRACTORS

## ENVIRONMENTAL HEALTH AND SAFETY PLAN CHECKLIST- CONTINUED



# AAR HIGHLIGHTS... \*\*\*

## ❖ THE “GOOD”

- ❖ COOPERATION, COMMUNICATION, COORDINATION
  - ❖ INITIAL SPONTANEOUS EFFORT WAS PRETTY GOOD, BUT “IMPROVED WITH AGE”
  - ❖ TWICE DAILY BRIEFINGS HELPED SIGNIFICANTLY – “SITUATIONAL AWARENESS” AND A “COMMON OPERATING PICTURE”
  - ❖ PROMOTED COOPERATIVE AND COLLABORATIVE PROBLEM SOLVING
- ❖ NO INJURIES OR FATALITIES
- ❖ EARLY ACTIVATION OF SUNY CANTON EMERGENCY MANAGEMENT TEAM
- ❖ EARLY DECISION TO SEND STUDENTS HOME AND CANCEL CLASSES FOR A WEEK
- ❖ ESTABLISHMENT OF AN “EOC” IN THE LIBRARY BUILDING
- ❖ THE “GAUNTLET WAS THROWN DOWN”... THE STUDENTS ARE RETURNING A WEEK FROM MONDAY

# AAR HIGHLIGHTS... \*\*\*

## ❖ THE “BAD”

- ❖ COMMUNICATIONS BETWEEN EOC AND WADSWORTH
  - ❖ LACK OF UNDERSTANDING AND APPRECIATION FOR WHAT HAD TO BE DONE AND HOW LONG IT WOULD TAKE
    - ❖ FOR EHS PLAN(S), SAMPLING AND RESULTS
  - ❖ TOOK TOO LONG TO RESOLVE ISSUES WITH WADSWORTH
  - ❖ LATE START ON PRODUCTION/CIRCULATION OF IAP
  - ❖ LATE DEVELOPMENT OF A “PROCESS” FLOW CHART
  - ❖ NUMEROUS PICTURES BEGIN APPEARING ON THE INTERNET OF THE FIRE, TAKEN BY FIRE FIGHTERS\*\*\*

# AAR HIGHLIGHTS... \*\*\*

## ❖ THE “UGLY”

- ❖ LACK OF UNDERSTANDING AND APPRECIATION FOR WHAT WADSWORTH CAN AND CAN'T DO, AND MAYBE WILL OR WON'T DO
- ❖ SIGNIFICANT LACK OF UNDERSTANDING LEGAL AND PROCEDURAL REQUIREMENTS NEEDED JUST TO DO THE WORK

# LESSONS LEARNED...

- THE MIDDLE OF A DISASTER, IS NOT THE TIME TO BE EXCHANGING BUSINESS CARDS...
  - “PRACTICE WHAT WE PREACH”
- “YOU DON’T KNOW WHAT YOU DON’T KNOW”
- PRIVATE SECTOR VS. PUBLIC SECTOR DISCONNECT
- LISTEN TO THE EXPERTS
- EMs, WORK WITH YOUR COLLEGES AND UNIVERSITIES IF YOU HAVEN’T ALREADY
- DON’T ASSUME – **ALWAYS COMMUNICATE!!!**