

Environmental Health and Safety

RAPID Meeting

February 2018



Weill Cornell Medicine

Agenda



- **2017 Annual Inspection Results and 2018 Priorities**
- **InfoEd Updates**
- **Refrigerator and Freezer Monitoring Program**
- **Lessons Learned Program**
- **New EHS Customer Satisfaction Survey**

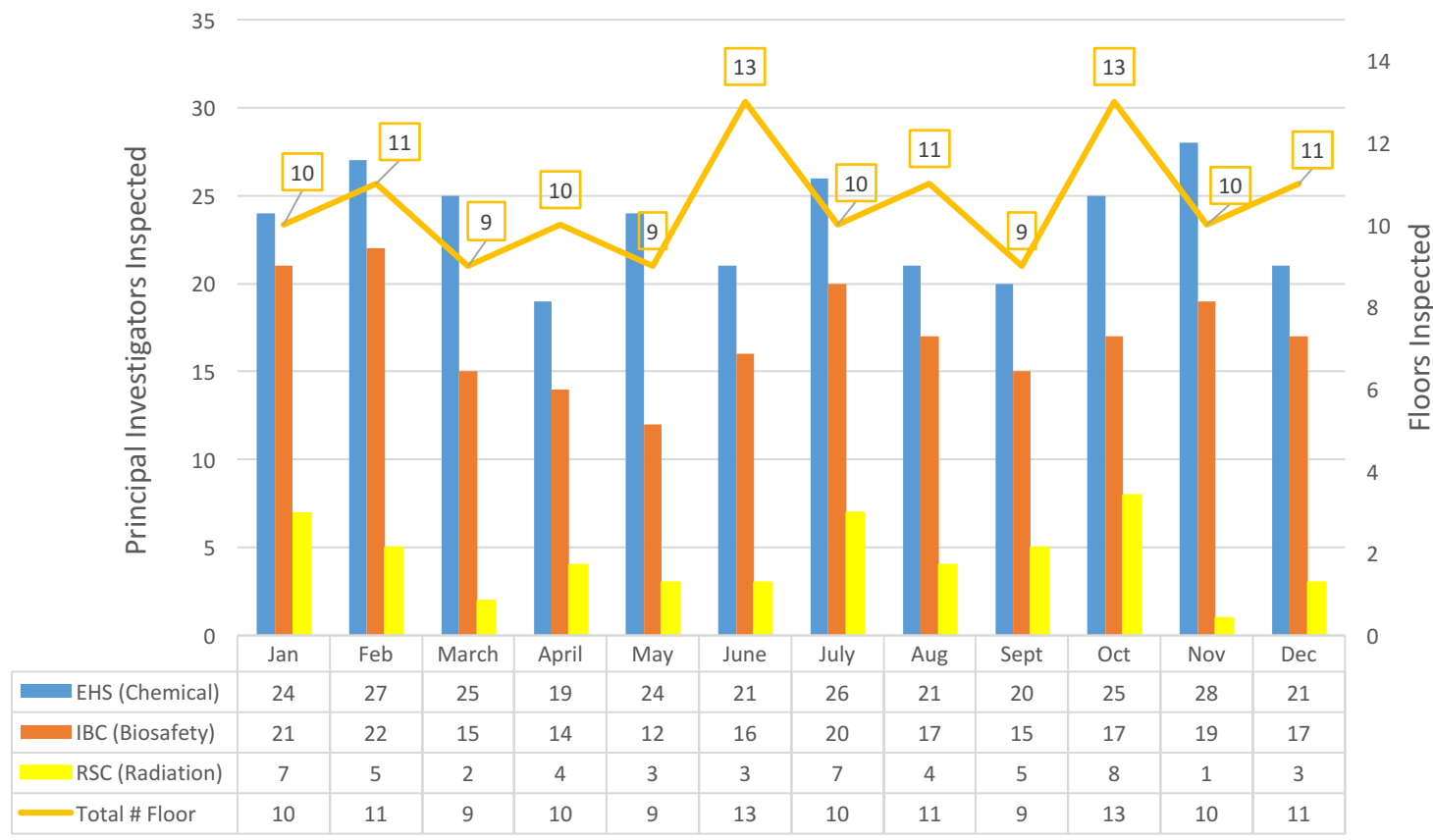
2017 Annual Inspection Results & 2018 Priorities

Matthew Brinton
EHS Assistant Director

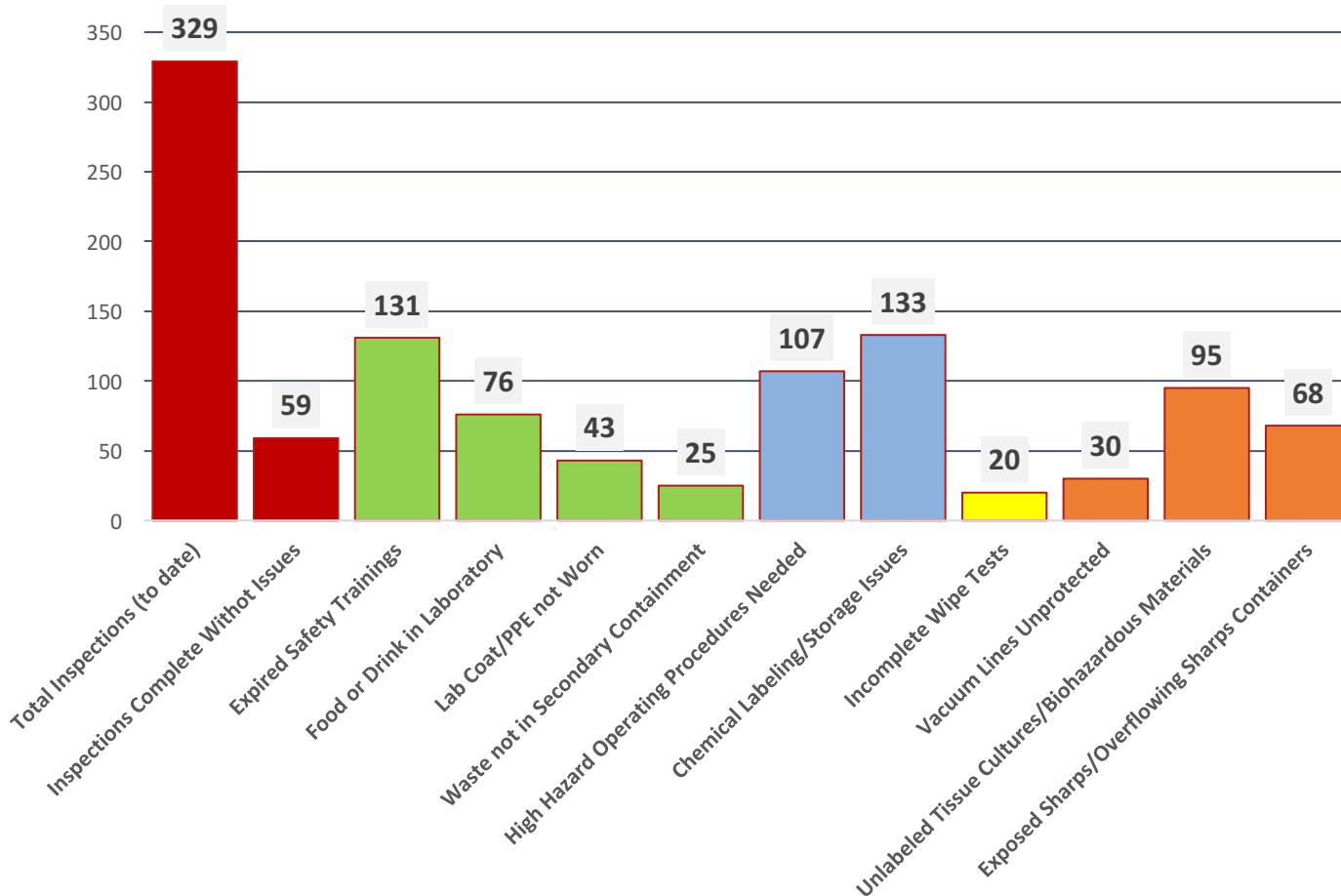


Weill Cornell Medicine

Unified Laboratory Inspection Program



Top Annual Laboratory Inspection Findings from 2017



All Safety Programs

Chemical Safety

Biological Safety

Radiation Safety

Total PIs	Percent
281	100.0%
203	73.0%
52	18.5%

Annual Chemical Inventory Reporting



Chemical inventory requirements are governed by:

- NYC Department of Environmental Protection
- NYC Fire Department
- US EPA Community-Right-to-Know
- US Department of Homeland Security Chemical Facility Anti-Terrorism

Goal: emergency preparedness, response and management.

Requirement: annual comprehensive inventory submitted to NYCDEP followed by annual inspection of all buildings.

All chemical owners storing and/or using hazardous chemicals must:

- 1) Update inventory in *ChemTracker Chemical Inventory System*
- 2) Submit *Annual Chemical Inventory Submission form* to EHS
- 3) **Deadline was January 12, 2018**

40% submitted to-date

For assistance, contact EHS at 646-962-7233 or chemtracker@med.cornell.edu.

InfoEd Updates

EHS Module



Weill Cornell Medicine

InfoEd Updates – IBC / RSC Coming Soon



Environmental Health and Safety administers:

- Institutional Biosafety Committee (IBC)
- Radiation Safety Committee (RSC)

InfoEd EHS Module

Online unified laboratory registration process

- EHS Research Safety Checklist
- IBC Laboratory Registration
- RSC Non-Human Use Radioactive Materials Application

Integration with other Research Office-related processes:

- Human Subjects applications
- MTA; IRB; Grants & Contracts

New IBC/RSC websites coming in 2018

- Guidance for Human Gene Transfer and Laboratory Registration
- Radiation dosimetry calculations and request forms

EHS Regulatory Specialist

~ Position Available ~



Position Activities

- supports the administration of EHS regulatory and research compliance
 - Institutional Biosafety Committees (IBC) and
 - Radiation Safety Committees (RSC)
- assists Biological & Radiation Safety Officers with processing of IBC & RSC submissions
- serves as the liaison between the IBC/RSC and other administrative offices.
- trains committee members, reviewing protocol submissions from the faculty and assigning work flows to safety advisors
- Full list of activities available on <https://careers.weill.cornell.edu>

Refrigerator and Freezer Monitoring Program



Weill Cornell Medicine

Refrigerator & Freezer Monitoring Program ~ 1300 York Avenue Pilot ~



Cloud-based monitoring system
(no ITS connections required)

Real-time Freezer and
Refrigerator Status Information

Custom Alarms and Notifications

Computer and Mobile Access

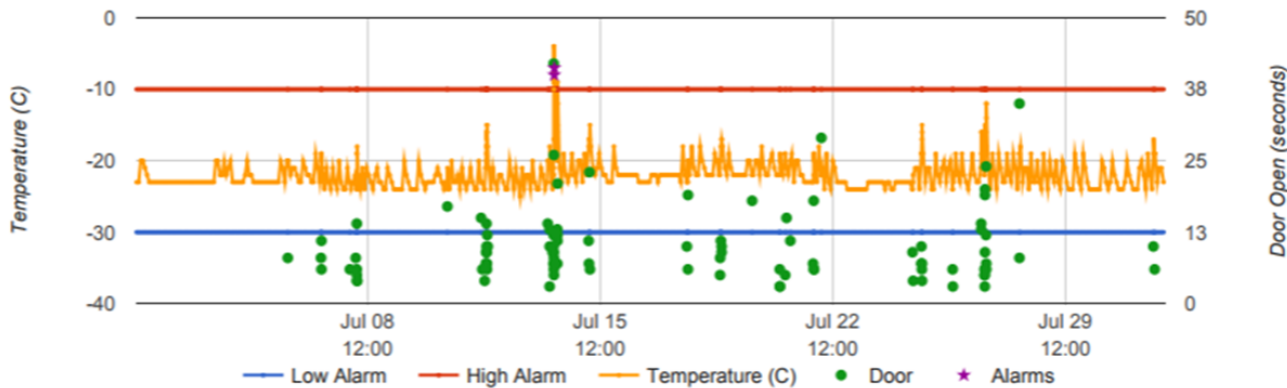


Monthly Monitoring Reports



Q-Ship -20C VWR ID# 0401-1112 (A-0050)
Unit Report for July 2017

Probe Temperature (C)



Range -25C to -4C

Alarm Summary

Alarm Start	Alarm End	High Temperature (C)	Low Temperature (C)
07/13 14:52	07/13 15:02	-7	-8

Compliant with FDA
Title 21 Part 11
guidelines for
electronic reporting.

Reports provide a
list of alarm states
during the month.

Monitoring Pricing



Initial Offer

- Each PI in 1300 York will receive the **first probe free** of charge.
- The lab would only be responsible for the \$84 annual monitoring fee.

Purchase Option

- Set-up Cost: Purchase the probe for \$375 (includes installation).
- Annual Fee: Pay an \$84 annual monitoring fee.

Lease Option

- Set-up Cost: One-time \$75 installation fee per unit.
- Annual Fee: Pay \$204 per unit (includes probe and annual monitoring fee).

Sign-up for Program

- Scan QR Code
- Visit [EHS website](#)
- EHS will coordinate with Lab Contact to finalize and install.



**Weill Cornell
Medicine**

Environmental Health and Safety

TEL 646-962-7233 WEB weill.cornell.edu/ehs EMAIL ehs@med.cornell.edu

Lessons Learned Program



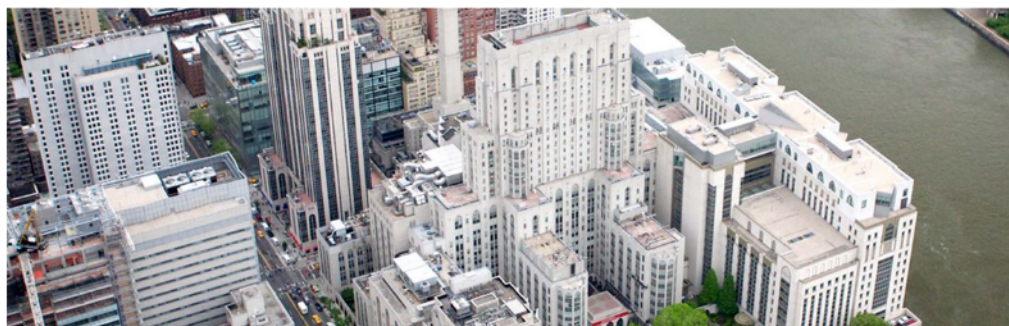
Weill Cornell Medicine

Lessons Learned



Care Discover Teach Departments WCM Q

About Us Forms & Resources Training Waste Disposal Safety Radiation Safety Emergencies Shipping



How Do I...

Select Your Question ▼

We Offer Services For...

- Laboratorians
- Clinicians
- Students
- Office Staff
- Animal Handlers
- Burke Researchers

Contact Us

EHS is always available to provide assistance. If you need to contact us for any reason, please refer to our [staff directory](#). In addition, we can be

Announcements ▶

Laboratory Safety Town Hall Meeting on January 30

January 19, 2018

Tuesday, January 30, 2018

10:00 AM - 11:00 AM

Uris Auditorium (1300 York Avenue)

EHS is pleased to announce our upcoming Laboratory Safety meeting, scheduled for Tuesday, January 30th from 10:00 AM to 11:00 AM, in Uris Auditorium at 1300 York Avenue.

This meeting will discuss upcoming and pertinent laboratory safety initiatives at Weill Cornell Medicine, including:

- Lessons Learned Program
- 2018 Chemical Inventory Report
- Refrigerator / Freezer Monitoring

Emergency Information

- [Operating Status](#)
- [Response Guides](#)
- [Notification System](#)
- [Emergency Planning and Contacts](#)

Requesting Assistance & Reporting a Problem

Contact WCMC and NYP departments providing safety, security, waste and health services.

Information Resources

- [Manual](#)
- [EHS Updates](#)
- [Lessons Learned](#)
- [Frequently Asked Questions](#)



Available Lessons

[Autoclave Explosion](#)
[Needlestick Injury in the Laboratory](#)
[Corrosion in Chemical Storage](#)
[Gas Exposure in the Laboratory](#)
[Evacuation Procedures](#)
[Microwave Fire Hazard](#)
[Unsafe Use of Ladders](#)
[Radiation Contamination Risks](#)
[Laboratory Oil Bath Fire](#)
[Mold Contamination in Cold Rooms](#)
[Air Transport of Dangerous Goods](#)
[Returned Dry Ice Shipment](#)
[TCA Splash Due to Improper Storage](#)
[After-Hours Laboratory Phenol Splash](#)
[Exposure from Improper Phenol Storage](#)



Environmental Health and Safety

TEL 646-962-7233 WEB weill.cornell.edu/ehs EMAIL ehs@med.cornell.edu

Environmental Health and Safety

Lessons Learned



Weill Cornell Medicine



More videos to come in the EHS Website



**Weill Cornell
Medicine**

Environmental Health and Safety

TEL 646-962-7233 WEB weill.cornell.edu/ehs EMAIL ehs@med.cornell.edu

New EHS Customer Satisfaction Survey

James Crandall

EHS Director



Weill Cornell Medicine

EHS Customer Satisfaction Surveys



Single survey to capture community feedback for EHS Services

- Trainings and Meetings
- Safety Registrations
- Safety Inspections
- Incident / Emergency Response
- EHS Assistance
- Other Services

Projected Start Date: **February 2018**



**Thank you for
Attending**

Questions?



Weill Cornell Medicine