EH&S FY2020

JUST THE FACTS

Everyone Home Safely
**ENVIRONMENTAL PROGRAMS**

### CHEMICAL WASTE
- 126 Radioactive Waste Packages Processed
- 601 Gallons of Used Oil Recycled
- 1,141 Trips to Retrieve Waste from Campus
- 3,374 Hours to Retrieve Waste from Campus
- 4,270 PCB Ballasts Shipped (lbs)
- 6,633 Non-PCB Ballasts Shipped (lbs)

### INCINERATED WASTE

<table>
<thead>
<tr>
<th>Year</th>
<th>Incinerated Waste (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY20</td>
<td>219,445</td>
</tr>
<tr>
<td>FY19</td>
<td>256,794</td>
</tr>
<tr>
<td>FY18</td>
<td>301,596</td>
</tr>
</tbody>
</table>

#### 3 YEAR - INCINERATED WASTE (LBS)

- **22% INFECTIONOUS ANIMALS (HMIW)**
- **71% OTHER ANIMALS (NOT INFECTIOUS)**
- **1% CONTRABAND / CONTROLLED SUBSTANCES**
- **1% NON-REGULATED ORGANICS**

#### TYPES OF MATERIALS INCINERATED

- **Total:** 219,445 lbs.
- **4% OTHER (NOT INFECTIOUS)**
- **2% SEED/FEED/GRAIN**
- **1% CONTRABAND / CONTROLLED SUBSTANCES**
- **1% NON-REGULATED ORGANICS**
- **2% EHS**
- **2% SERVICE CALLS**
- **2% VET ANATOMY (BIOMEDICAL SCI)**
- **2% VET PATHOLOGY**
- **1% VET PATHOLOGY**
- **1% AMES ANIMAL SHELTER**
- **1% MEATS LABORATORY**

#### ORIGIN OF MATERIALS INCINERATED

- **36% EHS**
- **23% LIDIF**
- **23% LAB ANIMAL RESOURCES**
- **42% VET DIAGNOSTIC LABORATORY**
- **96% TOP 10 DEPARTMENTS**

### OTHER REGULATED WASTE
- 11,480 Incinerator Ash Landfilled (lbs)
- 23,078 Fluorescent Lamps Recycled

### EMERGENCY MANAGEMENT

- 1 EOC Activation for a Power Outage
- 4 Tabletop Disaster Exercises
- 7 EOC Activation for Home Football Games
- 155 Days of EOC Activation for COVID-19
  - For CY20 - 339 days active (Still currently active)

### FIRE SAFETY

#### AEDS
- 3 Emergency Repairs*
- 75 Service Calls
- 110 Annual Inspections
- 198 Semi-annual Inspections
- 1,112 Monthly Inspections
  - *All emergency repairs completed within two business days

#### FIRE EXTINGUISHERS
- 73 Emergency Repairs*
- 560 12-year Hydrostatic Tests
- 563 Six-year Maintenance
- 5,918 Annual Inspections
- 34,442 Monthly Inspections
  - *All emergency repairs completed within two business days
JUST THE FACTS FY20

**OCCUPATIONAL HEALTH**

- 8 Ergonomic Evaluations Completed
- 21 Indoor Air Quality / Mold Investigations Completed
- 124 Personal Exposure Monitoring Samples Collected
- 170 Immunizations Administered by Occupational Medicine Office
- 251 Respirator Fit Tests
- 775 Medical Tests Completed at Occupational Medicine
- 822 Exposure Hazard Assessments
- 1,900 Active Participants in Occupational Medicine Program

**ASBESTOS & LEAD**

$1,130,524 In Managed Projects

**OCCUPATIONAL SAFETY**

- 5 Buildings Modified for Fall Protection Improvements
- 8 Farm Safety Inspections / 36 Deficiencies Corrected
- 9 Operations and Finance Facility Safety Walks / 41 Deficiencies Corrected
- 41 Shop Safety Inspections / 140 Deficiencies Corrected
- 52 Monthly and Quarterly incident reports provided to EH&S safety partners.
- 75 CoE Teaching Lab Safety Inspections
- 134 Confined Space Meters Calibrations
- 544 Total Reported Injuries
- 487 Accident / Incident Investigations / 90% Reported employee incidents investigated
- 366 Corrective Actions Identified / 75% Investigations resulted in a documented corrective action

**3 YEAR - PROJECT NUMBERS**

- FY18: 158
- FY19: 117
- FY20: 104

**3 YEAR - SAMPLE NUMBERS**

- Air Samples:
  - FY18: 666
  - FY19: 595
  - FY20: 456
- Bulk Samples:
  - FY18: 208
  - FY19: 187
  - FY20: 199

**TOP 5 EMPLOYEE INJURY TYPES**

- Burns: 43
- Potential Biological Exposures: 43
- Lacerations: 98
- Strains/Sprains: 108
- Contusions: 118

Environmental Health and Safety | 2408 Wanda Daley Drive | Ames, IA 50011-3602 | Ph: (515) 294-5359 | www.ehs.iastate.edu
JUST THE FACTS FY20

RADIATION SAFETY
- 56 X-ray Systems in Use
- 65 Laser Systems in Use
- 133 Radioactive Material Packages Tested, Inventoried, and Delivered
- 173 Laboratories Approved for Radioactive Material
- 362 Radiation Safety Inspections / 31 Deficiencies Corrected
- 1,592 Personal Dosimeters Issued and Analyzed
- 2,075 Pounds of RAM Waste Collected
- 2,087 Radiation Contamination Samples Collected and Analyzed

LABORATORY SAFETY
- 322 Lab Safety Surveys / 445 Deficiencies Corrected
- 606 Fume Hood Certifications
- 747 Lab Equipment Disposals

BIOSAFETY
- 65 Autoclave Tests
- 70 Tax-Free Ethanol Approvals
- 143 Biosafety Lab Inspections / 184 Deficiencies Corrected
- 243 Biosafety Cabinet Certifications
- 418 IACUC Protocol Reviews
- 452 IBC Protocol Reviews

TRAINING & COMMUNICATION
- 131,057 Twitter Impressions
- 365,035 Webpages Visited

SAFETY TRAINING COURSES

<table>
<thead>
<tr>
<th>AVAILABLE</th>
<th>COMPLETED</th>
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</thead>
<tbody>
<tr>
<td>21 Classroom</td>
<td>1,343 Classroom</td>
</tr>
<tr>
<td>65 Online</td>
<td>31,957 Online</td>
</tr>
<tr>
<td>12 Hybrid</td>
<td>276 Hybrid</td>
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3 YEAR - COURSE COMPLETIONS

<table>
<thead>
<tr>
<th>TOTAL COURSE COMPLETIONS</th>
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</thead>
<tbody>
<tr>
<td>30k</td>
</tr>
<tr>
<td>15k</td>
</tr>
<tr>
<td>33,000</td>
</tr>
<tr>
<td>33,257</td>
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<tr>
<td>30,811</td>
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3 YEAR - HAZARDOUS MATERIALS PACKAGES SHIPPED

<table>
<thead>
<tr>
<th>FY18</th>
<th>FY19</th>
<th>FY20</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,210</td>
<td>1,171</td>
<td>1,077</td>
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3 YEAR - COURSES COMPLETIONS

<table>
<thead>
<tr>
<th>INTERNATIONAL</th>
<th>FEDEX GROUND</th>
</tr>
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<tbody>
<tr>
<td>FY18</td>
<td>FY19</td>
</tr>
<tr>
<td>67</td>
<td>56</td>
</tr>
<tr>
<td>80</td>
<td>64</td>
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