

# U.S. Chemical Safety and Hazard Investigation Board

# Performance and Accountability Report

Fiscal Year 2008

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Additional copies of this document may be downloaded from the CSB's website <u>www.csb.gov</u>

The mission of the Chemical Safety and Hazard Investigation Board (CSB) is to investigate chemical accidents and hazards, as well as recommend actions to protect workers, the public and the environment. Our independent, scientifically based investigative reports and videos bolstered efforts by government, industry, labor, and local communities to prevent chemical process accidents.

During fiscal year (FY) 2008 the CSB completed thirteen safety products, including three full investigation reports, three case studies, and seven safety videos. For example, in March 2008, the CSB released a new 55-minute safety video, *Anatomy of a Disaster*, on the tragic explosion that killed fifteen workers and injured 180 others at the BP Texas City refinery in 2005. The video, which received national attention, emphasizes the steps companies and government agencies should take to prevent such costly accidents. Thousands of copies have been distributed worldwide.

These products included a total of 43 recommendations for promoting chemical safety and hazard reduction. In addition, the CSB closed 48 safety recommendations. Of particular note, the American Petroleum Institute, acting on a CSB safety recommendation, developed a new recommended industry practice designed to remove occupied trailers from hazardous areas in refineries and chemical plants – a key safety issue from the BP investigation. In addition, the City of New York, following a CSB safety recommendation from 2003, completed a four-year process to modernize the city's 1918-era fire code.

In FY 2008 the CSB also announced the opening of a field office in Denver, Colorado. Establishing a presence in the western states potentially will allow the CSB to recruit more effectively, to deploy investigators more quickly to accident sites, and to maintain important contacts with stakeholders throughout the country. This expansion will help the CSB increase its capacity to investigate more of the serious chemical accidents that occur each year across the U.S.

In August 2008, the CSB was named as the 2008 recipient of the American Chemical Society's (ACS) Howard Fawcett Award, honoring "outstanding contributions in the field of chemical health and safety," marking the first time the 25-year-old award has been presented to an entire organization. Founded in 1876, the ACS is the world's largest scientific society, with more than 160,000 members, including chemists, chemical engineers, and other technical professionals from around the globe. The Fawcett award is presented annually by the ACS's Chemical Health and Safety Division. According to the nomination statement for the award, "The CSB has developed a number of innovative tools to communicate the results of its investigations to the public, government, industry, and academia. The [computer] animations which explain in detail how a specific incident occurred are particularly noteworthy. The CSB is providing strong leadership to industry and to other agencies aimed at improving safety performance through aggressive safety management systems."

This Performance and Accountability Report was prepared under the guidance from the Office of Management and Budget (OMB), and contains a selection of performance information; the CSB's financial statements, as required by the Accountability of Tax Dollars Act of 2002; and a report on the Board's material weaknesses, as required by the Federal Managers' Financial Integrity Act (FMFIA).

The information provided serves as a mechanism for fiscal and programmatic accountability and serves as an accounting to the American people on our stewardship of the funds that have been entrusted to us for fulfillment of our mission in FY 2008. The results also summarize our success in achieving the performance goals we established for FY 2008. The CSB continues to aggressively improve performance planning practices to ensure our goals are results driven and oriented toward achieving specific desired outcomes.

Brown & Company CPAs, PLLC, an Independent Public Accounting firm, has audited the CSB's FY 2008 consolidated financial statements included in this report and has issued an unqualified (clean) opinion indicating that our statements present fairly the CSB's financial position. This achievement demonstrates both our continued dedication to sound financial management and the reliability of the financial data upon which we base our critical decisions.

The FMFIA requires the CSB to annually evaluate its management controls and identify any material weaknesses. This requirement covers all of the CSB's programs and administrative functions. As we work to serve the American people, we must administer our programs as efficiently, economically, and responsibly as possible. We rely on our system of management controls to provide reasonable assurance that our financial activities comply with all applicable laws, and safeguard our resources as well as properly account for our operational expenditures.

Based on both internal and external evaluations, and knowledge gained from daily operations, I am able to certify with reasonable assurance that the CSB is in compliance with the provisions of the FMFIA.

John Kreeland

John S. Bresland Chairman & CEO

November 17, 2008

## **Overview**

The Chemical Safety and Hazard Investigation Board (CSB) is an independent federal agency charged with investigating industrial chemical accidents. The agency's board members are appointed by the President and confirmed by the Senate. CSB investigations look into all aspects of chemical accidents, including physical causes such as equipment failures, as well as inadequacies in safety management systems that define safety culture and adherence to government regulations.

The Board does not issue citations or fines but does make safety recommendations to plants, industry organizations, labor groups, and regulatory agencies such as the Occupational Safety and Health Administration (OSHA) and the Environmental Protection Agency (EPA).

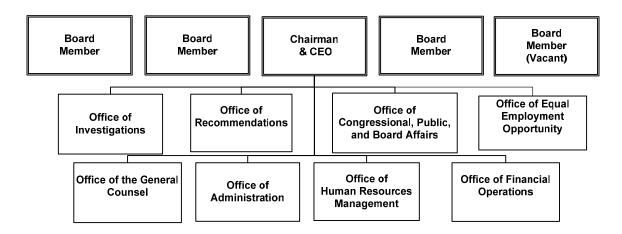
This discussion and analysis provides a concise overview of the CSB. For detailed information visit our website at <u>www.csb.gov</u>.

## **Mission and Organizational Structure**

The mission of the CSB is to investigate chemical accidents and hazards, as well as recommend actions to protect workers, the public and the environment. Our independent, scientifically based investigation reports and videos bolster efforts by government, industry, labor, and local communities to prevent chemical process accidents.

The CSB began operations in fiscal year (FY) 1998, is headquartered in Washington, DC, and initiated actions to open a field office in Denver, Colorado. The CSB is governed by its Board, which consists of five presidentially appointed members who are confirmed by the Senate. One of the Board members serves as the Chairman and Chief Executive Officer (CEO) of the agency. As of September 30, 2008, there were four appointed Board members, including the Chairman and a professional staff of 35.

The following is the CSB's organizational chart, which was in effect for FY 2008.



#### Chemical Safety and Hazard Investigation Board Organizational Chart

# Performance Goals, Objectives, and Results

In continuing work towards our mission to promote the prevention of chemical accidents, the CSB developed an action plan for FY 2008. The specific goals of the action plan were to:

- **Goal #1:** Select and complete accident investigations and recommend actions with a high potential for protecting workers, the public and the environment.
- **Goal #2:** Select and complete safety studies and recommend actions with a high potential for protecting workers, the public and the environment.
- **Goal #3:** Reduce the likelihood of similar accidents in the future by securing implementation of CSB safety recommendations.
- **Goal #4:** Promote improved safety practices by broadly disseminating the findings, lessons, and recommendations from CSB investigations and studies.
- **Goal #5:** Establish the CSB as a recognized world leader in accident investigation and prevention by continuing to improve our human capital and infrastructure.

*Goal #1 Accomplishments* (Select and complete accident investigations and recommend actions with a high potential for protecting workers, the public and the environment.)

In FY 2008, we continued to emphasize investigations and safety, by issuing final reports or case studies on the incident investigations listed below. The investigations we

completed in FY2008 led to significant new safety recommendations to the EPA, OSHA, the National Fire Protection Association, the states of Massachusetts and West Virginia, the American Petroleum Institute, and the National Propane Gas Association, among others.

- Environmental Quality Company: The CSB released a case study on the hazardous waste fire at the Environmental Quality Company in Apex, North Carolina. The fire destroyed the facility located in close proximity to a residential neighborhood and caused police to evacuate thousands of community residents. The CSB called for a new national fire code for hazardous waste facilities and for improving the information provided to community emergency planners about the chemicals those facilities store and handle.
- **CAI/Arnel:** The CSB issued a final report on the massive explosion that pulverized a Danvers, Massachusetts, ink and paint factory, and damaged dozens of nearby homes and businesses while residents slept, at a public meeting in Danvers in May 2008. Although no serious injuries occurred, the explosion had a real potential to cause multiple fatalities under slightly different circumstances. Approximately 100 homes and businesses were damaged, many beyond repair. The CSB determined the explosion occurred because CAI lacked safeguards such as alarms and automatic shutoffs that would have prevented a 10,000-pound mixture of flammable solvents from overheating in the unattended building, The CSB proposed changes to national fire codes and to state licensing and inspection procedures to improve the safety and oversight of facilities handling hazardous materials.
- Little General Store: The final CSB report on a propane explosion that killed two emergency responders and two propane technicians and injured six others was released at a public meeting in Beckley, West Virginia, in September 2008. All of the victims had remained in the immediate vicinity of a propane release from a storage tank located behind the store and did not evacuate the area. The CSB concluded that inadequate propane technician and emergency responder training, and unsafe propane tank placement were the primary causes of the fatal accident, and recommended enhanced training of emergency responders and propane technicians, and better guidance for 911 operators.
- Valero McKee Refinery: The CSB released its final report on a massive fire that injured four workers and caused the total shutdown and evacuation of the Valero McKee Refinery in Sunray, Texas. This important facility supplied gasoline to the U.S. Midwest and was forced to shut down completely for several months, causing regional gasoline prices to increase sharply. In addition, toxic chlorine gas was released when the fire engulfed several chlorine storage tanks used for water treatment. The CSB concluded the root causes of the accident were that the refinery did not have an effective program to identify and freeze-protect piping and equipment that was out of service or infrequently used; that the refinery did not apply the company's policies on emergency isolation valves to control fires; and that current industry and company standards do not recommend sufficient

fireproofing of structural steel against jet fires. The CSB called on the American Petroleum Institute to develop improved practices for refinery freeze protection, fireproofing, isolation valves, and fire protection systems.

- **Barton Solvents, Kansas:** The CSB released a case study on an explosion at a solvent distribution facility in a Wichita, Kansas suburb that forced officials to evacuate approximately 6,000 people. Tank fragments rocketed from the facility, causing damage off site. The CSB found the most likely cause of the explosion -- involving what is known as a nonconductive flammable liquid -- was a static spark resulting from a loosely-linked level-measuring float within the tank. The spark ignited the air-vapor mixture inside the tank as it was being filled. The CSB issued recommendations to OSHA and others to improve required information contained in Material Safety Data Sheets (MSDSs) to include addressing nonconductive flammable liquids which are routinely shipped to distributors such as Barton. The CSB also recommended that six major oil and chemical industry associations ask their member companies to improve the warnings on the MSDSs of flammable liquids because these materials can accumulate static electricity.
- **Barton Solvents, Iowa:** The CSB released a case study on a fire and series of explosions that occurred at a Barton Solvents chemical distribution facility in Des Moines, Iowa, that occurred in early FY 2008. One employee received minor injuries and one firefighter was treated for a heat-related illness in the accident. A large plume of smoke and rocketing barrels and debris triggered an evacuation of the businesses surrounding the facility. The CSB determined the cause was a static electrical spark resulting from inadequate electrical bonding and grounding during the filling of a portable steel tank.

In addition to completing investigations we deployed to 11 incidents in FY 2008, which resulted in initiating the following 7 investigations:<sup>1</sup>

- **T2 Laboratories:** On December 19, 2007, four people were killed and 32 others were injured when an explosion occurred at T2 Laboratories Inc., in Jacksonville, Florida, during a chemical process to make a gasoline additive known as MMT. Preliminary findings indicate that the accident occurred as a result of a runaway chemical reaction. In 2002, the CSB completed a national study of the problem of runaway reactions and other reactive chemical hazards, recommending new EPA and OSHA standards. The CSB continues to pursue improvements to how companies manage these hazards so that future accidents are less likely.
- **Imperial Sugar:** On February 7, 2008, a huge explosion and fire occurred at the Imperial Sugar refinery northwest of Savannah, Georgia, resulting in 14 deaths and injury to 38 others, including 14 with serious and life-threatening burns. The explosion was fueled by accumulations of combustible sugar dust in the sugar

<sup>&</sup>lt;sup>1</sup> The CSB initiated a total of 8 investigations in FY 2008. The Barton Solvents, Iowa investigation was initiated and completed in FY 2008, so the description of this investigation is included with completed investigations.

packaging building. The investigation is examining the combustible dust hazard, building on three previous CSB investigations of combustible dust incidents and a comprehensive study of combustible dust hazards in industry .

- **Bayer CropScience:** Two workers were fatally injured when a waste tank containing the pesticide methomyl violently exploded, damaging a process unit at the Bayer CropScience chemical plant in Institute, West Virginia. The CSB investigation is examining how reactive hazards were managed at the facility and the effectiveness of emergency communications between the facility and the surrounding community.
- **Xcel Energy:** Five people were killed and three others injured when a fire erupted 1,000 feet underground in a tunnel at Xcel Energy Company's hydroelectric power plant in Georgetown, Colorado, located approximately 45 miles west of Denver. The fatally injured workers were trapped deep underground during an operation to coat the inside of the tunnel with epoxy in the presence of highly flammable solvents. The CSB investigation is examining the adequacy of standards and practices designed to control flammable hazards inside confined spaces.
- **Goodyear Rubber:** On June 11, 2008, one worker was killed and seven others were injured, during a maintenance operation on a heat exchanger. Ammonia inside the exchanger over pressured, causing it to rupture. The CSB investigation is focused on the company's practices for managing, inspecting, and maintaining relief systems; training operators; and accounting for workers during emergencies.
- **BP Texas City 2008:** A worker was fatally injured when the top of a large steel filter housing suddenly blew off in the refinery's ultracracker unit on January 14, 2008. The CSB investigation is examining a various possible scenarios to explain the sudden build up of pressure inside the filter housing. The investigation also includes reviewing the adequacy of existing industry practices in the refining industry for managing these kinds of hazards.
- **Packaging Corporation of America:** On July 29, 2008, three workers died and a fourth was injured when an explosion occurred inside an 80-foot-tall storage tank at the Packaging Corporation of America corrugated cardboard mill in Tomahawk, Wisconsin. The workers were on a catwalk above the tank and performing hot work (welding) at the time of the explosion. The storage tank held a mixture of recycled paper pulp and water. The CSB is performing microbiological and chemical testing to determine what caused flammable gas to be present inside the tank.

*Goal #2 Accomplishments* (Select and complete safety studies and recommend actions with a high potential for protecting workers, the public and the environment.)

In November 2006, the CSB completed a comprehensive national study on the hazards of combustible dust explosions in industry. The CSB identified 281 combustible dust fire

and explosions that killed more than a hundred workers and injured hundreds more, many with serious burn injuries. The CSB recommended the development of a new OSHA regulatory standard to control dust explosion hazards.

Following the tragic dust explosion at Imperial Sugar in February 2008, House and Senate hearings were held to review the CSB's recommendations and conclusions and examine possible legislation mandating a new standard. CSB board members testified at both hearings, in March and July 2008. In April 2008, legislation designed to reduce the occurrence of dust explosions passed the U.S. House of Representatives.

*Goal #3 Accomplishments* (Reduce the likelihood of similar accidents in the future by securing implementation of CSB safety recommendations.)

Safety recommendations are an important tool for promoting chemical safety. Each recommendation has one or more specific recipients, who are the parties best able to carry out the recommended action to improve safety. Once we issue a recommendation, our staff encourages implementation, ensures they are effectively communicated to the recipient(s), together with any needed justification or explanation, and tracks them to completion. In FY 2008, we issued a total of 43 recommendations, and closed 48 previously issued recommendations.

Of particular note, the American Petroleum Institute, acting on a CSB safety recommendation, developed a new recommended industry practice designed to remove occupied trailers from hazardous areas in refineries and chemical plants – a key safety issue from the BP investigation. In addition, the City of New York, following a CSB safety recommendation from 2003, completed a four-year process to modernize the city's 1918-era fire code.

*Goal #4 Accomplishments* (Promote improved safety practices by broadly disseminating the findings, lessons, and recommendations from CSB investigations and studies.)

The Strategic Plan for FY 2007-2012 established a new strategic goal for the broad dissemination of its findings, recommendations, and lessons learned among a multitude of stakeholders. The Board recognizes that a potent tool for achieving the agency's mission is more widespread awareness of the causes of chemical accidents and the measures that can prevent them. The agency's vision for outreach is that one day, our findings and recommendations will reach all affected companies, agencies, and other organizations.

In addition, in FY 2008 the CSB produced six new safety videos, which use advanced computer animation to explain precisely how a major chemical accident occurred. The videos present the specific findings and recommendations from CSB reports and feature interviews with CSB Board Members and investigators discussing appropriate good safety practices to follow.

The response to the video program has been remarkable. For each person who accesses one of the CSB's written reports, roughly a hundred people watch the videos and use them for improved training, engineering, and process design. In FY 2008, the safety

videos have been viewed hundreds of thousands of times over the Internet, and the CSB distributed 40,900 DVD copies to large and small companies, labor unions, trade organizations, and other requestors.

In addition to the video program, and the Congressional testimony discussed under goal 2, the CSB held public meetings on the CAI/Arnel and Little General investigations and held 7 press conferences. Of particular note during FY 2008:

- **CAI/Arnel:** In May 2008, the CSB convened a large public meeting in Danvers, Massachusetts, to release and approve the final report on the chemical plant explosion that damaged or destroyed dozens of homes and businesses in 2006. The Board took testimony from senior representatives of the state's fire service, a state legislator, and a community organization.
- Little General: In September 2008, the Board held a public meeting in Ghent, West Virginia, to present its final report on a tragic propane explosion that killed two responders and two propane technicians and seriously injured others. Investigators presented a dramatic 3-D computer animation explaining the sequence of events to the affected community. Following the investigators' presentation the Board and a public comment period, the Board approved the final report.

In addition, individual Board members and staff gave 95 presentations on findings, lessons learned, and recommendations at business, labor, and public interest group meetings during FY 2008.

*Goal #5 Accomplishments* (Establish the CSB as a recognized world leader in accident investigation and prevention by continuing to improve our human capital and infrastructure.)

Our five-year strategic plan for FY 2007 through FY 2012 recognizes that high performing employees are essential to the accomplishment of our critical mission. We successfully hired one senior and one mid-level investigator, increasing our capacity to investigate incidents. In addition, the CSB hired an Information Technology Specialist to ensure the confidentiality, security, integrity, availability, quality, and utility of valuable and sensitive information collected or created by the CSB. The CSB also received full certification of the Senior Executive Service appraisal system from the Office of Personnel Management (OPM).

In FY 2008 the CSB announced the opening of a field office in Denver, Colorado. Establishing a presence in the western states potentially will allow the CSB to recruit more effectively, to deploy investigators more quickly to accident sites, and to maintain important contacts with stakeholders throughout the country. In addition, this new office location will help the CSB increase its capacity to investigate more of the serious chemical accidents that occur each year across the U.S.

#### Challenges

Investigations continue to be very labor intensive endeavors. Thus for the next few fiscal years our challenge will be to hire and develop our investigative and technical staff. By increasing staffing we will be able to conduct more investigations and issue reports faster. In addition, we will seek to expand our capacity to conduct safety studies, believing that broader studies form an important part of our work by leading to safety recommendations that have greater national impact. We will also need to establish effective relationships with key stakeholders who can disseminate accident prevention information and effect improvements in the chemical process of safety.

## President's Management Agenda

The President's Management Agenda (PMA) is a strategy to improve the management and performance of the Federal Government. The PMA seeks a Government that is citizen-centered, not bureaucracy-centered; results-oriented; and market based, actively promoting competition as a means to reaching the most effective delivery of services at the lowest cost to the taxpayer. The PMA includes five Government-wide initiatives. We have made the following progress in meeting these requirements.

#### Strategic Management of Human Capital

This initiative links human capital strategies to organizational mission, vision, core values, goals, and objectives. Efforts center on ensuring that the right person is in the right job, at the right time and is performing well. Agencies are expected to use strategic workforce planning and flexible tools to recruit, retain, and reward employees and develop a high-performing workforce.

Our five-year strategic plan for FY 2007 through FY 2012 continues to recognize high performing employees as essential to accomplishing our mission. As discussed in our Performance Report under Goal 5, we have worked throughout FY 2008 to recruit the right people for positions throughout the agency.

#### **Competitive Sourcing**

This initiative directs agencies to regularly examine commercial activities performed by the government to determine if it is more efficient to obtain such services from federal employees or from sources in the private sector.

As a micro-agency with very small staff and resources, we continuously evaluate services of employees and contractors to determine whether recurring commercial activities should be operated under contract with commercial sources, in-house using CSB facilities and personnel, or through interagency agreements with other federal agencies.

#### Improved Financial Performance

This initiative calls for agencies to accurately account for the taxpayers' money. This requires systems that continually produce timely, useful and reliable financial information and improved accountability to the American people through audited financial reports.

Since FY 2000, we have outsourced a major portion of our accounting function to the Bureau of the Public Debt (BPD). BPD accounting systems meet all federal accounting system requirements and standards, and are fully compliant with the requirements for accuracy and timeliness. Additionally, key financial data are accessible on a real time basis.

Our first full financial audit was conducted for FY 2001. Our financial statements for this and all subsequent fiscal years have received unqualified opinions, meaning our statements were fairly presented and free from material misstatements.

#### **Expanded Electronic Government**

The expected results of this initiative are to use information technology and the Internet to improve public access to government services and data and increase worker productivity, while improving cyber security. This has been initiated by advancing projects offering performance gains across agency boundaries, such as eProcurement and eTravel.

Our website continuously provides citizens with online research tools, including access to our publications, recommendations database, and safety videos that present the specific findings and recommendations from our investigations. Videos were first offered as streaming content in FY 2006. During FY 2008, the videos were viewed over 875,000 times on the Internet.

Procurement, travel, and timekeeping activities are processed through web-based systems. The CSB uses GovTrip, an E-Government initiative that supports the entire government travel process, which includes authorizing travel, calculating and approving reimbursements, and archiving data. We also use web-based training for annual procurement and ethics training for our employees.

#### Budget and Performance Integration

The objective of this initiative is to ensure performance is routinely considered in funding and executing management decisions, and to ensure programs achieve expected results and work toward continual improvement.

The investigation of chemical incidents and promoting their prevention through recommendations and public information are our primary activities. Our financial and timekeeping systems are designed to provide managers with information on the costs of investigations, both in terms of dollar and staff time investments. In FY 2008 we

furthered our efforts to accurately report on investigation costs, both through routine monthly reports and ad-hoc reports to address specific issues.

# **Analysis of Financial Statements**

Our financial statements have been prepared to report the financial position and our operational results pursuant to the requirements of the Accountability of Tax Dollars Act of 2002. The principal financial statements include the Balance Sheet, Statement of Net Cost, Statement of Changes in Net Position, and Statement of Budgetary Resources. The following chart summarizes our budget and outlays since FY 2005.

Fiscal Year	Budget <sup>*</sup>	Outlays
2008	\$9,263	\$8,621
2007	9,113	8,804
2006	9,065	8,850
2005	9,027	8,680

#### CSB's Budget and Outlays (Dollars in Thousands)

We note our first full financial audit was conducted for FY 2001. Our financial statements for this and subsequent fiscal years have all received unqualified opinions, meaning our statements were fairly presented and free from material misstatements.

#### Limitations of the Financial Statements

While the statements have been prepared from our books and records in conformity with accounting principles generally accepted in the United States of America and formats prescribed by OMB, the statements are different from the financial reports used to monitor and control budgetary resources which are prepared from the same books and records.

The statements should be read with the realization that they are for a component of the U.S. Government, a sovereign entity.

## Systems, Controls, and Legal Compliance

CSB is cognizant of the importance of establishing and maintaining adequate controls for the programs and administrative functions for which it is responsible. Our management team is developing, implementing, evaluating, and modifying our controls to provide reasonable assurance that we have adequate accountability of our resources. In addition, given the small size of our agency, we determined it to be more cost effective to obtain

<sup>\*</sup> Excludes a no-year Emergency Fund, which was provided to be a funding mechanism for investigation cost fluctuations. As of September 30, 2008 the Emergency Fund had not been used and had a balance of \$844,000.

accounting, personnel, and procurement services from outside sources, which also provide additional levels of control.

Based on internal and external evaluations, and knowledge gained from daily operations, our controls provide reasonable assurance that our resources are safeguarded and properly managed. Our Board Members and managers continue to emphasize the importance of internal controls, and evaluate and enhance them as necessary.

#### **Management Assurances**

#### Federal Managers' Financial Integrity Act

In accordance with the Federal Managers' Financial Integrity Act (FMFIA), we have an internal management control system, which helps provide assurance that obligations and costs comply with applicable law, assets are safeguarded against waste, loss, unauthorized use or misappropriation, and revenues and expenditures are properly accounted for and recorded. The FMFIA also requires assurance that funds are being used in accordance with the agency's mission and that they are achieving their intended results; that resources are protected from waste, fraud and mismanagement, and that appropriate laws and regulations are followed. The FMFIA encompasses program, operational and administrative areas, as well as accounting and financial management. The FMFIA requires the agency head to provide an assurance statement on the adequacy of management controls and conformance of financial systems with Government-wide standards. This assurance statement is contained in the Message from the Chairman.

#### Improper Payments Information Act

The Improper Payments Information Act of 2002 requires agencies to review annually all programs and activities to identify those susceptible to significant improper payments, estimate the annual improper payments in the susceptible programs and activities, and report the results of their improper payment reduction plans and activities.

We have not identified any significant risk with improper payments. However, we recognize the importance of maintaining adequate internal controls to ensure proper payments, and our commitment to the continuous improvement in the overall disbursement management process remains strong. In FY 2008, we continued our agreement with the BPD to process financial transactions, make administrative payments, and prepare various financial reports. This agreement promotes the accuracy of our financial records and payments.

Early in FY 2008 we updated our five-year strategic plan. This plan covers FY 2007 through FY 2012, and serves as a guide in setting priorities, allocating resources, and making decisions. The plan sets the direction and foundation from which annual action plans are developed to assist with day-to-day operations and decision making. In continuing our work towards our mission to promote the prevention of chemical accidents, the goals of these plans are:

- **Goal #1:** Select and complete accident investigations and recommend actions with a high potential for protecting workers, the public and the environment.
- **Goal #2:** Select and complete safety studies and recommend actions with a high potential for protecting workers, the public and the environment.
- **Goal #3:** Reduce the likelihood of similar accidents in the future by securing implementation of CSB safety recommendations.
- **Goal #4:** Promote improved safety practices by broadly disseminating the findings, lessons, and recommendations from CSB investigations and studies.
- **Goal #5:** Establish the CSB as a recognized world leader in accident investigation and prevention by continuing to improve our human capital and infrastructure.

The following is the status of specific initiatives identified in the FY 2008 action plan.

**Goal #1:** Select and complete accident investigations and recommend actions with a high potential for protecting workers, the public and the environment.

Initiative	Status	Explanation
<ol> <li>Deploy to 7 incidents and select</li> <li>5 incidents for investigation</li> </ol>	Completed	Deployed to 11 incidents and selected 8 for investigation - T2 Laboratories, Imperial Sugar, Bayer CropScience, Xcel Energy, Goodyear Rubber, BP Texas City 2008, Packaging Corporation of America, and Barton (Iowa).
<ul> <li>2. Complete 6 investigations:</li> <li>Ghent, Valero, CAI, EQ, Barton, and Southwest<sup>2</sup></li> </ul>	Completed	Completed 6 investigations - Ghent, Valero, CAI, EQ, Barton (Kansas), and Barton (Iowa).

 $<sup>^{2}</sup>$  CSB discontinued its investigation of Southwest Industrial Gases Inc. because the National Transportation Safety Board conducted an investigation that dealt with all aspects of trailer design and operating procedures.

Initiative	Status	Explanation
3. Complete investigation protocol, including guidelines on the continuation and termination of investigations.	On-Going	Did not complete the investigation protocol due to the higher priority investigative workload. Completing the protocol is an initiative in the FY 2009 Action Plan.
<ul> <li>4. Conduct investigative training including protocol, core competencies, and presentations by safety experts</li> </ul>	On-Going	A Process Safety Management course was developed for investigation interns. Investigation staff members conducted training on public health protection and accidents, and human factor issues. Guest speakers made a presentation on lessons learned from a chlorine release resulting from a railcar accident (nine fatalities). Conducting investigative training and presentations by safety experts is also an initiative in the FY 2009 Action Plan.

**Goal #2:** Select and complete safety studies and recommend actions with a high potential for protecting workers, the public and the environment.

Initiative	Status	Explanation
<ol> <li>Draft protocol for selecting and conducting safety studies, research surveys, etc.</li> </ol>	On-Going	A protocol was not drafted due to other priorities. Drafting the protocol is an initiative in the FY 2009 Action Plan.
<ul><li>6. Complete steps of FY 2008 National Academy of Science (NAS) project timeline</li></ul>	Postponed	This project was postponed; during FY 2008, the American Petroleum Institute, acting on a CSB recommendation, established a broad- based committee to develop a standard on process safety indicators.
7. Support NAS project with appropriate dissemination of information	Postponed	See note above.

**Goal #3:** Reduce the likelihood of similar accidents in the future by securing implementation of CSB safety recommendations.

Initiative	Status	Explanation
8. Successfully close 25 and advance 20 recommendations	Completed	Closed 48 recommendations and advanced 7 recommendations.
9. Revise Board Order 022, "CSB Recommendation Program	On-Going	Drafted revisions to the Order but did not complete. Revising Board Order 022 is an initiative in the FY 2009 Action Plan.

**Goal #4:** Promote improved safety practices by broadly disseminating the findings, lessons, and recommendations from CSB investigations and studies.

Initiative	Status	Explanation
10. Develop and implement outreach efforts, including video production as appropriate, for each CSB investigation/study	Completed	We conducted outreach efforts for ten investigations, including two public meetings. The CSB distributed 40,900 DVD copies of safety videos to large and small companies, labor unions, trade organizations, and other requestors.
<ul><li>11. Produce and distribute 9 safety videos, 1 updated safety video, and 3 video briefs.</li></ul>	Completed	Produced and distributed 7 safety videos - Environmental Quality, CAI/Arnel, Valero - Sunray, Barton (Kansas), Barton (Iowa), Partridge Raleigh, and Anatomy of a Disaster.
		The number of videos completed was less than the number planned due to the greater than estimated level of effort required to produce the Anatomy of a Disaster video on the tragic explosion that killed fifteen workers and injured 180 others at the BP Texas City refinery in 2005.
12. Conduct 3 public meetings on CSB investigations and studies	Completed	Conducted public meetings on the CAI/Arnel and Little General Investigations. It was determined that other public meetings were not appropriate for other investigations, but press conferences were held near the incident site upon completion of the investigations.
13. Revise the CSB website to include more modern technologies	On-Going	Work on this initiative was significantly delayed due to a contract protest that took several months to resolve. However, once the protest was resolved the contractor developed a draft homepage and provided draft web pages for CSB review. Actual launching of the new CSB website is an initiative in the FY 2009 Action Plan.

**Goal #5:** Establish the CSB as a recognized world leader in accident investigation and prevention by continuing to improve our human capital and infrastructure.

Initiative	Status	Explanation
14. Track and report quarterly on Strategic and Action Plan accomplishments	Completed	Reports on the status of all of Strategic and Action Plan initiatives, including accomplishments, were prepared quarterly and provided to the Board Members and managers.
15. Implement Human Capital Plan, including developing succession plans	On-Going	Worked with OPM on developing succession plans. Met with OPM's small agency office to discuss updating CSB's human capital plan in accordance with Presidential Management Objectives. OPM provided the CSB with a notebook outlining the steps to update the human capital plan as was recommend by GAO.
		Developing a comprehensive human capital plan is an initiative in the FY 2009 Action Plan
16. Implement Space Plan	On-Going	Worked with the General Services Administration (GSA) to discuss options for headquarters office space when the current lease ends in September 2010. GSA assigned a commercial real estate broker to work with the CSB.
		Headquarters office space is an initiative in the FY 2009 Action Plan.
17. Implement Continuity of Operations (COOP) Plan	On-Going	The new Denver office was identified as the CSB's alternate site in case of emergency and equipment was ordered for the office to meet COOP requirements.
		Implementing the COOP plan is an initiative in the FY 2009 Action Plan
<ul> <li>18. Implement Homeland Security Presidential Directive (HSPD) 12, Policy for a Common Identification Standard for Federal Employees and Contractors</li> </ul>	On-Going	Worked with GSA to implement HSPD-12. However, unable to resolve all issues on an interagency agreement with GSA for these services, so implementing HSPD-12 continues to be an initiative in the FY 2009 Action Plan.

Initiative	Status	Explanation
19. Implement CSB Safety and Health Plan	On-Going	Significant progress was made on development of OSH training modules which are currently scheduled to be completed in FY 2009. Investigators were trained on some of these modules, but loss of personnel, completion of major investigation reports, and extended new investigation deployments impeded completing this training in FY 2008.
20. Clarify board roles and responsibilities by revision to current board orders or by developing new board orders as appropriate to address priority areas	Completed	Updated and revised numerous Board Orders to reflect that the CSB no longer has a Chief Operating Officer. The Board approved new Order 042 (Internal Transfer, Reassignment and Change in Duty Station) setting forth the Chairman's role in personnel matters.
21. Hire the investigators needed to complete our mission within the limits of our budget.	On-Going	Hired one mid level and one senior level investigator. However, our recruiting for these positions continues to be a challenge. The CSB opened an office in Denver, Colorado and received over 200 applications for 2 to 3 vacant positions in that office. Hiring investigators continues to be an initiative in our FY 2009 Action Plan.
22. Determine costs and benefits on establishing a remote office	Completed	The CSB established its first regional office in Denver, Colorado. A presence in the western states potentially will allow the CSB to recruit more effectively, to deploy investigators more quickly to accident sites, and to maintain important contacts with stakeholders throughout the country. Expanding into other locations will help us grow our capacity to investigate more of the serious chemical accidents that occur each year across the U.S
23. Enter into an Inter Agency Agreement (IAA) with NBC to administer CSB's secret and top secret security clearance program.	Completed	The IAA and related Memorandum of Understanding with NBC were approved by the Board signed by NBC.

Initiative	Status	Explanation
24. Develop Foreign Travel Policy	Postponed	Developing the foreign travel policy was deferred to FY 2009 due to higher priority work.
25. Implement Audit Action Plan	On-Going	Action plan initiative #9, reflects CSB's commitment to propose an amendment to Board Order 022, CSB Recommendation Program, in response to an Office of Inspector General Recommendation.
		In addition, the FY 2007 & 2008 FISMA reports were released in FY 2008. All but one finding were corrected by October 31, 2008. The remaining finding is expected to be corrected by January 15, 2008.
		Finally, the GAO issued a report on CSB management in FY 2008, and tracking and reporting on the GAO recommendations is included as an initiative in the FY 2009 Action Plan.
<ul> <li>26. Develop and update the following HR Board Orders</li> <li>Update Board Order #018</li> </ul>	Completed	During FY 2008 the following HR Board Orders were updated or developed, and approved by the Board:
<ul> <li>Overtime Pay</li> <li>Update Board Order #013 Incentive Awards Program</li> <li>Develop Personnel Security Board Order</li> </ul>		<ul> <li>Board Order #018 Overtime Pay</li> <li>Board Order #013 Incentive Awards Program</li> <li>Board Order #043 Personnel Suitability and Security Program</li> <li>Board Order #042 Internal Transfer, Reassignment, and Change in Duty Station</li> </ul>

#### Agency Plans and Schedules for Improving Performance

We are constantly working to improve the efficiency and effectiveness of our programs and initiatives. Annual action plans are designed to include "stretch goals", to include challenges to managers and staff in order to achieve maximum results. Our strategic planning committee, consisting of senior managers, meets throughout the year to monitor accomplishments and assess priorities.

#### **Completeness and Reliability of Performance Data**

Reported performance data are free from any material inadequacies in the completeness and reliability of the data. As a small agency, we can readily monitor and report on its actual performance in achieving its goals.

# A Message from the Chief Financial Officer

We recognize the significance of accountability and public disclosure. This report is a demonstration of our obligation to fulfill our fiduciary responsibilities to the American taxpayers.

I am pleased to present our financial statements for fiscal years 2007 and 2008. This year the independent public accounting firm, Brown & Company CPAs, PLLC, issued an unqualified ("clean") opinion on our financial statements. A clean opinion is the best possible audit outcome, and is consistent with opinions issued since our first full financial audit was conducted in FY 2001.

These financial statements fairly present our financial position and were prepared in accordance with generally accepted accounting principles (GAAP) in the United States of America and formats prescribed by the OMB.

GRES & P

Elizabeth A. Robinson Chief Financial Officer

November 17, 2008

# **Independent Auditor Reports**

	al Safety and stigation Board	2175 K Street, NW • Suite 650 • Washington, DC 20037-1809 Phone: (202) 261-7600 • Fax: (202) 261-7650 www.csb.gov
<b>John S. Bresland</b> Chairman & CEO		
<b>Gary L. Visscher</b> Board Member		<b>OSB</b>
<b>William B. Wark</b> Board Member		Office of Inspector General
William E. Wright Board Member		
November 14,	2008	
MEMORANE	DUM	
SUBJECT:	Audit of U.S. Chemic Fiscal 2008 and 2007	al Safety and Hazard Investigation Board's Financial Statements
FROM:	Melissa Heist Meliood Assistant Inspector Ge	
TO:	John S. Bresland Chairman & CEO	
Investigation I	Board's (CSB's) Fiscal	it report on the U.S. Chemical Safety and Hazard 2008 and 2007 financial statements. The audit is Accountability of Tax Dollars Act of 2002.
the audit of the 2008. The aud <i>Standards</i> , issu Management a <i>Statements</i> , an	e CSB financial statem it was required to be du led by the Comptroller nd Budget Bulletin 07	Irm of Brown & Company, CPAs, PLLC performed ents as of and for the year ended September 30, one in accordance with <i>Government Auditing</i> r General of the United States; Office of <i>I</i> -04, <i>Audit Requirements for Federal Financial</i> <i>Manual</i> of the Government Accountability Office/ Efficiency.
November 7, 2	2008 and the conclusio SB's financial statement	responsible for the attached auditor's report dated ns expressed in the report. We do not express nts or internal control or conclusions on compliance
Heist. Melissa		se contact me at (202) 566-0899 or Brooks Taylor, Project Officer, at (202) 566-2938 or
1 ayior.1 autore		

PROWN & COM	
	PANY CPAs, PLLC
	S AND MANAGEMENT CONSULTANTS
INDEPENDENT AUDITOR'S REPORT	Γ ON THE FINANCIAL STATEMENTS
Office of Inspector General	
Chairman and CEO	
United States Chemical Safety and Hazard Investigat	tion Board
Washington, DC	
We have audited the accompanying balance sheet	of the United States Chemical Safety and Hazard
Investigation Board (CSB) as of September 30, 200	
	r the years then ended (collectively referred to as the
financial statements). These financial statements responsibility is to express an opinion on these finance	
responsibility is to express an opinion on these manc	char statements based on our audit.
We conducted our audit in accordance with auditing	
America and the standards applicable to financia	
	United States; and Office of Management and Budget
	Federal Financial Statements. Those standards and erform the audit to obtain reasonable assurance about
	misstatement. An audit includes examining, on a test
	es in the financial statements. An audit also includes
	ficant estimates made by management, as well as
	on. We believe that our audit provides a reasonable
basis for our opinion.	
In our opinion, the financial statements referred to	above present fairly, in all material respects, the
	, 2008 and 2007 and its net costs, changes in net
	en ended in conformity with accounting principles
generally accepted in the United States of America.	
In accordance with U.S. Government Auditing Stan	ndards and OMB Bulletin No. 07-04, we have also
issued a report dated November 7, 2008 on our cons	
	and regulations. Those reports are an integral part of
an audit performed in accordance with U.S. Gover conjunction with this report in considering the results	
	Analysis" (MD&A) is presented for the purpose of
Additional analysis and is required by OMB C Requirements. The CSB's MD&A contains a wide i	ircular No. A-136, revised <i>Financial Reporting</i>
elated to the financial statements. We do not expr	
compared this information for consistency with the	financial statements and discussed the methods of
neasurement and presentation with CSB officials.	
nconsistencies with the financial statements, U.S. guidance.	generally accepted accounting principles, or OMB
surdance.	
This report is intended solely for the information	
nanagement of the CSB, OMB and Congress, and is	not intended to be and should not be used by anyone
other than these specific parties.	
Largo, Maryland	
November 7, 2008	
LARGO 9200 BASIL COURT, SUITE 400	RICHMOND 1504 SANTA ROSA ROAD, SUITE 107
LARGO, MD 20774	RICHMOND, VA 23229
(240) 492-1400 • FAX: (301) 636-6013	(804) 288-2006 * FAX: (804) 288-2233 tdavis@brownco-cpas.com



Largo, Maryland November 7, 2008 ≡ BROWN & COMPANY CPAS, PLLC ≡ 3

This report is intended solely for the information and use of the Office of Inspector General, the management of the CSB, OMB and Congress, and is not intended to be and should not be used by anyone other than these specified parties.

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#### BROWN & COMPANY CPAs, PLLC CERTIFIED PUBLIC ACCOUNTANTS AND MANAGEMENT CONSULTANTS INDEPENDENT AUDITOR'S REPORT ON COMPLIANCE WITH LAWS AND REGULATIONS Office of Inspector General Chairman and CEO United States Chemical Safety and Hazard Investigation Board Washington, DC We have audited the financial statements of the United States Chemical Safety and Hazard Investigation Board (CSB) as of and for the year ended September 30, 2008, and have issued our report thereon dated November 7, 2008. We conducted our audit in accordance with auditing standards generally accepted in the United States of America, and the standards applicable to financial audits contained in U.S. Government Auditing Standards, issued by the Comptroller General of the United States; and Office of Management and Budget (OMB) Bulletin No. 07-04, Audit Requirements for Federal Financial Statements. The management of the CSB is responsible for complying with laws and regulations applicable to the CSB. As part of obtaining reasonable assurance about whether the CSB's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws and regulations, noncompliance with which could have a direct and material effect on the determination of financial statement amounts, and certain other laws and regulations specified in OMB Bulletin No. 07-04. We limited our tests of compliance to these provisions and we did not test compliance with all laws and regulations applicable to the CSB. The results of our tests of compliance disclosed no reportable instances of noncompliance with other laws and regulations discussed in the preceding paragraph that are required to be reported under U.S. Government Auditing Standards or OMB Bulletin No. 07-04. Providing an opinion on compliance with certain provisions of laws and regulations was not an objective of our audit, and, accordingly, we do not express such an opinion. However, we noted no noncompliance with laws and regulations, which could have a direct and material effect on the determination of financial statement amounts. This report is intended solely for the information and use of the Office of Inspector General, the management of the CSB, OMB, and Congress, and is not intended to be and should not be used by anyone other than these specified parties. bean - 4 Compa Largo, Maryland November 7, 2008 LARGO 9200 BASIL COURT, SUITE 400 RICHMOND

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LARGO, MD 20774 (240) 492-1400 \* FAX: (301) 636-6013 mail@brownco-cpas.com 1504 SANTA ROSA ROAD, SUITE 107 RICHMOND, VA 23229 (804) 288-2006 \* FAX: (804) 288-2233 tdavis@brownco-cpas.com

# CHEMICAL SAFETYAND HAZARD INVESTIGATION BOARD

# FINANCIAL STATEMENTS

FOR THE YEARS ENDED SEPTEMBER 30, 2008 AND 2007

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# CHEMICAL SAFETY AND HAZARD INVESTIGATION BOARD BALANCE SHEETS As of September 30, 2008 and 2007

	<u>2008</u>	<u>2007</u>
Assets :		
Intragovernmental: Fund Balance with Treasury (Note 2)	\$ 4,100,310	\$ 3,642,323
Total Intragovernmental	4,100,310	3,642,323
Accounts Receivable (Note 4)	33	1,419
General Property, Plant and Equipment (Note 5)	213,625	371,705
Other	59,028	59,000
Total Assets	\$ 4,372,996	\$ 4,074,447
Liabilities:		
Intragovernmental:		
Accounts Payable	\$ 31,156	\$ 16,456
Other (Note 6 & 7)	67,241	54,370
Total Intragovernmental	98,397	70,826
Accounts Payable	255,889	215,973
Other (Note 6 & 7)	717,818	612,726
Total Liabilities	\$ 1,072,104	\$ 899,525
Net Position:		
Unexpended Appropriations	\$ 3,421,793	\$ 3,116,848
Cumulative Results of Operations - Earmarked Funds	(120,901)	58,074
Total Net Position	\$ 3,300,892	\$ 3,174,922
Total Liabilities and Net Position	\$ 4,372,996	\$ 4,074,447

# CHEMICAL SAFETY AND HAZARD INVESTIGATION BOARD STATEMENT OF NET COST For the Fiscal Years Ended September 30, 2008 and 2007

	<u>2008</u>	<u>2007</u>
Program Costs:		
Salaries and Expenses		
Gross Costs	\$ 9,208,363	\$ 9,400,124
Net Program Costs	9,208,363	9,400,124
Net Cost of Operations (Notes 9 & 10)	\$ 9,208,363	<u>\$ 9,400,124</u>

# CHEMICAL SAFETY AND HAZARD INVESTIGATION BOARD STATEMENT OF CHANGES IN NET POSITION For the Fiscal Years Ended September 30, 2008 and 2007

	2008	2007
Cumulative Results of Operations:		
Beginning Balances	\$ 58,074	\$ 331,924
Budgetary Financing Sources:		
Appropriations Used	8,774,051	8,859,787
Other Financing Sources (Non-Exchange):		
Imputed Financing Sources	255,337	266,487
Total Financing Sources	9,029,388	9,126,274
Net Cost of Operations	(9,208,363)	(9,400,124)
Net Changes	(178,975)	(273,850)
Cumulative Results of Operations	<u>\$ (120,901</u> )	\$ 58,074
Unexpended Appropriations		
Beginning Balance	\$ 3,116,848	\$ 3,532,101
Budgetary Financing Sources		
Appropriations Received	9,410,000	9,113,053
Other Adjustments (recissions, etc.)	(331,004)	(668,519)
Appropriations Used	(8,774,051)	(8,859,787)
Total Budgetary Financing Sources	304,945	(415,253)
Total unexpended Appropriations	3,421,793	3,116,848
Net Position	\$ 3,300,892	\$ 3,174,922

# CHEMICAL SAFETY AND HAZARD INVESTIGATION BOARD STATEMENT OF BUDGETARY RESOURCES For the Fiscal Years Ended September 30, 2008 and 2007

	2008	2007
Budgetary Resources:		
Unobligated Balance Brought Forward, October 1:	\$ 1,789,739	\$ 1,886,986
Recoveries of Prior Year Unpaid Obligations	265,712	440,815
Budget Authority		
Appropriation	9,410,000	9,113,053
Permanently not Available	331,004	668,519
Total Budgetary Resources	<u>\$ 11,134,447</u>	\$ 10,772,335
Status of Budgetary Resources:		
Obligations Incurred		
Direct	\$ 8,835,936	\$ 8,982,596
Unobligated Balance		
Apportioned	1,292,943	1,015,410
Unobligated Balance Not Available		
Other	1,005,568	774,329
Total Status of Budgetary Resources	<u>\$ 11,134,447</u>	<u>\$ 10,772,335</u>
Change in Obligated Balance:		
Obligated Balance, Net		
Unpaid Obligations, Brought Forward, October 1	<u>\$ 1,852,584</u>	\$ 2,114,585
Total Unpaid Obligated Balance, Net	\$ 1,852,584	\$ 2,114,585
Obligations Incurred Net	8,835,936	8,982,596
Less: Gross Outlays	8,621,009	8,803,782
Less: Recoveries of Prior Year Unpaid		
Obligations, Actual	265,712	440,815
Total, Unpaid Obligated Balance, Net, End of Period	<u>\$ 1,801,799</u>	<u>\$ 1,852,584</u>
Change in Outlays:		
Net Outlays:		
Gross Outlays	\$ 8,621,009	\$ 8,803,782
Less: Offsetting Receipts	-	-
Net Outlays	\$ 8,621,009	\$ 8,803,782

# CHEMICAL SAFETY AND HAZARD INVESTIGATION BOARD NOTES TO THE FINANCIAL STATEMENTS For the fiscal years ended September 30, 2008 and 2007

#### NOTE 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

#### A. Basis of Presentation

The financial statements have been prepared to report the financial position, net cost of operations, changes in net position, and the status and availability of budgetary resources of the CSB. The statements are a requirement of the Chief Financial Officers Act of 1990, the Government Management Reform Act of 1994, and the Accountability of Tax Dollars Act of 2002. They have been prepared from, and are fully supported by, the books and records of CSB in accordance with the hierarchy of accounting principles generally accepted in the United States of America, standards approved by the principals of the Federal Accounting Standards Advisory Board (FASAB), OMB Circular A-136, *Financial Reporting Requirements* and CSB accounting policies which are summarized in this note. These statements, with the exception of the Statement of Budgetary Resources, are different from financial management reports, which are also prepared pursuant to OMB directives that are used to monitor and control CSB's use of budgetary resources.

The statements consist of the Balance Sheet, Statement of Net Cost, Statement of Changes in Net Position, and the Statement of Budgetary Resources. In accordance with OMB Circular A-136, the financial statements and associated notes are presented on a comparative basis. Unless specified otherwise, all amounts are presented in dollars.

#### **B.** Reporting Entity

The CSB is an independent Federal agency with the mission of ensuring the safety of workers and the public by promoting chemical safety and accident prevention. CSB was established by the Clean Air Act Amendments of 1990, and is responsible for advising the President and Congress on key issues related to chemical safety and evaluating the effectiveness of other Government agencies on safety requirements. The CSB receives all of its funding through appropriations.

CSB has rights and ownership of all assets reported in these financial statements. CSB does not possess any non-entity assets.

#### C. Basis of Accounting

Transactions are recorded on both an accrual accounting basis and a budgetary basis. Under the accrual method, revenues are recognized when earned, and expenses are recognized when a liability is incurred, without regard to receipt or payment of cash.

Budgetary accounting measures the appropriations and consumption of budget authority and other budgetary resources and facilitates compliance with legal requirements on the use of federal funds.

## D. Revenues & Other Financing Sources

Congress enacts annual, multi-year, and no-year appropriations to be used, within statutory limits, for operating and capital expenditures. Appropriations are recognized as a financing source when expended.

The CSB recognizes as an imputed financing source the amount of accrued pension and post-retirement benefit expenses for current employees paid on our behalf by the Office of Personnel Management (OPM).

## E. Fund Balance with Treasury

The U.S. Treasury processes cash receipts and disbursements. Funds held at the Treasury are available to pay agency liabilities. CSB does not maintain cash in commercial bank accounts. See Note 2 for additional information.

## F. Accounts Receivable

Accounts receivable owed to CSB include reimbursements from employees. An allowance for uncollectible accounts receivable from the public is established when either (1) based upon a review of outstanding accounts and the failure of all collection efforts, management determines that collection is unlikely to occur considering the debtor's ability to pay, or (2) an account for which no allowance has been established is submitted to the Department of the Treasury for collection, which takes place when it becomes 180 days delinquent.

# G. Property, Plant and Equipment (PP&E), Net

CSB's property, plant and equipment are recorded at original acquisition cost and are depreciated using the straight-line method over the estimated useful life of the asset. Major alterations and renovations are capitalized, while maintenance and repair costs are charged to expense as incurred. CSB's capitalization threshold is \$10,000 for individual purchases and \$50,000 for bulk purchases. The useful life classifications for capitalized assets are as follows:

<u>Description</u>	Useful Life (years)
Leasehold Improvements	9
Office Furniture	7
Office Equipment	5
Computer Equipment	3
Internal Use Software	3

## H. Advances and Prepaid Charges

Advance payments are generally prohibited by law. There are some exceptions, such as reimbursable agreements, subscriptions and payments to contractors and employees. Payments made in advance of the receipt of goods and services are recorded as advances or prepaid charges at the time of prepayment and recognized as expenses when the related goods and services are received.

## I. Liabilities

Liabilities covered by budgetary or other resources are those liabilities for which Congress has appropriated funds or funding is otherwise available to pay amounts due. Liabilities not covered by budgetary or other resources represent amounts owed in excess of available Congressionally appropriated funds or other amounts. The liquidation of liabilities not covered by budgetary or other resources is dependent on future Congressional appropriations or other funding. Intragovernmental liabilities are claims against CSB by other Federal agencies. Liabilities not covered by budgetary resources on the Balance Sheet are equivalent to amounts reported as Components requiring or generating resources in the Reconciliation of Net Cost of Operations to Budget (Note 13). Additionally, the Government, acting in its sovereign capacity, can abrogate liabilities.

## J. Accounts Payable

Accounts payable consists of amounts owed to other Federal agencies and the public.

# K. Annual, Sick, and Other Leave

Annual leave is accrued as it is earned, and the accrual is reduced as leave is taken. The balance in the accrued leave account is adjusted to reflect current pay rates. Funding will be obtained from future financing sources to the extent that current or prior year appropriations are not available to fund annual and other types of vested leave earned but not taken. Nonvested leave is expensed when used. Any liability for sick leave that is accrued but not taken by a Civil Service Retirement System (CSRS)-covered employee is transferred to the Office of Personnel Management upon the retirement of that individual. No credit is given for sick leave balances upon the retirement of Federal Employee's Retirement System (FERS)-covered employees.

## L. Retirement Plans

CSB employees participate in either the Civil Service Retirement System (CSRS) or the Federal Employees' Retirement System (FERS). The employees who participate in CSRS are beneficiaries of CSB's matching contribution, equal to seven percent of pay, distributed to their annuity account in the Civil Service Retirement and Disability.

FERS and Social Security cover most employees hired after December 31, 1983. Employees hired prior to January 1, 1987 elected to join FERS and Social Security, or remain in CSRS. Employees hired as of January 1, 1987 are automatically covered by FERS. FERS offers a savings plan to which CSB automatically contributes one percent of pay and matches any employee contribution up to an additional four percent of pay. For FERS participants, CSB also contributes the employer's matching share of Social Security.

CSB recognizes the imputed cost of pension and other retirement benefits during the employees' active years of service. OPM actuaries determine pension cost factors by calculating the value of pension benefits expected to be paid in the future and communicates these factors to CSB for current period expense reporting. OPM also provides information regarding the full cost of health and life insurance benefits. CSB recognized the offsetting revenue as imputed financing sources to the extent these expenses will be paid by OPM.

CSB does not report on its financial statements information pertaining to the retirement plans covering its employees. Reporting amounts such as plan assets, accumulated plan benefits, and related unfunded liabilities, if any, is the responsibility of the OPM.

# M. Use of Estimates

Management has made certain estimates when reporting assets, liabilities, revenue, and expenses, and in the note disclosures. The preparation of financial statements in conformity with generally accepted accounting principles requires management to make assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

# N. Imputed Costs/Financing Sources

Federal Government entities often receive goods and services from other Federal Government entities without reimbursing the providing entity for all the related costs. In addition, Federal Government entities also incur costs that are paid in total or in part by other entities. An imputed financing source is recognized by the receiving entity for costs that are paid by other entities. CSB recognized imputed costs and financing sources in fiscal years 2008 and 2007 to the extent directed by OMB.

# **O.** Expired Accounts and Cancelled Authority

Unless otherwise specified by law, annual authority expires for incurring new obligations at the beginning of the subsequent fiscal year. The account in which the annual authority is placed is called the expired account. For five fiscal years, the expired account is available for expenditure to liquidate valid obligations incurred during the unexpired period. Adjustments are allowed to increase or decrease valid obligations incurred during

the unexpired period but not previously reported. At the end of the fifth expired year, the expired account is cancelled.

## P. Contingencies

Liabilities are deemed contingent when the existence or amount of the liability cannot be determined with certainty pending the outcome of future events. CSB recognizes contingent liabilities, in the accompanying balance sheet and statement of net cost, when it is both probable and can be reasonably estimated. CSB discloses contingent liabilities in the notes to the financial statements when the conditions for liability recognition are not met or when a loss from the outcome of future events is more than remote. In some cases, once losses are certain, payments may be made from the Judgment Fund maintained by the U.S. Treasury rather than from the amounts appropriated to CSB for agency operations. Payments from the Judgment Fund are recorded as an "Other Financing Source" when made. There are no contingencies that require disclosure.

## Q. Reclassification

Certain fiscal year 2007 balances may have been reclassified, retitled, or combined with other financial statement line items for consistency with the current year presentation.

## NOTE 2. FUND BALANCE WITH TREASURY

	2008	2007
Fund Balances		
Appropriated Funds	\$ 4,100,310	\$ 3,642,323
Total Fund Balance with Treasury	\$ 4,100,310	\$ 3,642,323
Status of Fund Balance with Treasury		
Unobligated Balance		
Available	\$ 1,292,943	\$ 1,015,410
Unavailable	1,005,568	774,329
Obligated Balance not yet Disbursed	1,801,799	1,852,584
Total	\$ 4,100,310	\$ 3,642,323

Restricted unobligated fund balances represent the amount of appropriations for which the period of availability for obligation has expired. These balances are available for upward adjustments of obligations incurred only during the period for which the appropriation was available for obligation or for paying claims attributable to the appropriations.

## NOTE 3. ACCOUNTS RECEIVABLE

Accounts receivable balances as of September 30, 2008 and 2007 were as follows:

	2008		2	007
Receivable Due from Employee	\$	33	\$	1,419
Total Accounts Receivable	\$	33	\$	1,419

## NOTE 4. GENERAL PROPERTY, PLANT, AND EQUIPMENT

Description	Acquisition <u>Cost</u>		Accumulated Depreciation		Net <u>Bo</u>	ok Value
Leasehold Improvements	\$	711,505	\$	(592,921)	\$	118,584
Internal Use Software		55,551		(26,061)		29,490
Office Furniture		520,021		(520,021)		_
Computer Equipment		746,647		(692,719)		53,928
Office Equipment		76,892		(65,269)		11,623
TOTALS	\$	2,110,616	\$	(1,896,991)	\$	213,625

#### Schedule of Property, Plant, and Equipment as of September 30, 2008

#### Schedule of Property, Plant, and Equipment as of September 30, 2007

Description	Acquisition Cost		Accumulated Depreciation		Bo	Net <u>ok Value</u>
Leasehold Improvements	\$	711,505	\$	(513,865)	\$	197,640
Internal Use Software		20,800		(12,711)		8,089
Office Furniture		520,021		(482,877)		37,144
Computer Equipment		716,098		(606,484)		109,614
Office Equipment		76,892		(57,674)		19,218
TOTALS	\$	2,045,316	\$ (	(1,673,611)	\$	371,705

#### NOTE 5. OTHER ASSETS

Advances and prepayment account balances as of September 30, 2008 and 2007 were as follows:

	 2008	 2007
Deposit on Leased Space Other	\$ 59,000 28	\$ 59,000
Total Other Assets	\$ 59,028	\$ 59,000

### NOTE 6. LIABILITIES NOT COVERED BY BUDGETARY RESOURCES

The liabilities on CSB'S Balance Sheet as of September 30, 2008 and 2007, include liabilities not covered by budgetary resources, which are liabilities for which congressional action is needed before budgetary resources can be provided. Although future appropriations to fund these liabilities are likely and anticipated, it is not certain that appropriations will be enacted to fund these liabilities. Unfunded FECA liability is an intragovernmental liability not covered by budgetary resources. Unfunded FECA liabilities are \$3,016 and \$3,016 as of September 30, 2008 and 2007, respectively. Other liabilities not covered by budgetary resources consist of unfunded leave balances are \$331,544 and \$312,034 as of September 30, 2008 and 2007, respectively.

## NOTE 7. OTHER LIABILITIES

The accrued liabilities for the CSB are comprised of program expense accruals, payroll accruals, and unfunded annual leave and retirement earned by employees. Program expense accruals represent expenses that were incurred prior to year-end but were not paid. Similarly, payroll accruals represent payroll expenses that were incurred prior to year-end but were not paid.

Intragovernmental	2008	2007
Unfunded FECA Liability	3,016	3,016
Accrued Payroll	64,225	51,354
Total Intragovernmental	67,241	54,370
Payroll and Benefits Accrual	386,274	300,692
Unfunded Leave	331,544	312,034
Total Non-governmental Liabilities	\$ 717,818	\$ 612,726

All liabilities are current liabilities.

### NOTE 8. OPERATING LEASE

CSB occupies office space in Washington, D.C., under a lease agreement that is accounted for as an operating lease. The lease term began on October 1, 2000 and expires on September 30, 2010, with the renewal rights for an additional five years. The base rental rate shall be increased by an amount equal to 2% of the base rental rate in effect for the prior lease year. In the sixth year of the lease the Base Rental Rate shall increase \$2.00 per square foot. Additionally, real estate taxes and operating expenses are subject to annual adjustments.

Schedule of Future Minimum Lease Pa	syments in Washington, D.C.

2009	\$ 842,000
2010	882,000
Total Future Minimum Lease Payments	\$ 1,724,000

CSB occupies office space in Denver, CO, under a lease agreement that is accounted for as an operating lease. The lease term began on September 29, 2008 and expires on September 28, 2013. Lease payments are increased annually based on the adjustments for operating cost. The CSB may relinquish space upon four (4) months notice. Thus, at any future time, the CSB's financial obligation can be reduced to four (4) months of rent, plus the unamortized balance of any tenant improvements financed though PBS, plus any rent concessions not yet earned

Schedule of Future Minimum Lease Payments for Denver, CO								
2009	\$	35,062						
2010		35,476						
2011		35,899						
2012		36,330						
2013		36,771						
Total Future Minimum Lease Payments	\$	179,538						

#### NOTE 9. INTRAGOVERNMENTAL COSTS AND EXCHANGE REVENUE

Intragovernmental costs represent exchange transactions made between two reporting entities within the Federal government. Intragovernmental expenses relate to the source of goods and services purchased by CSB and are defined on a transaction by transaction basis.

	2008		 2007
Intragovernmental costs	\$	1,824,576	\$ 2,026,448
Public costs		7,383,787	7,373,676
Total net cost	\$	9,208,363	\$ 9,400,124

### NOTE 10. OPERATING/PROGRAM COSTS

Costs by major budgetary object classification as of September 30, 2008 and 2007 are as follows:

<b>Budgetary Object Classifications</b>	2008		2008		2008		2008		 2007
Personnel and Benefits	\$	5,641,940	\$ 5,613,482						
Travel and Transportation		358,993	320,339						
Rents, Communication & Utilities		884,845	860,510						
Printing and Contractual Services		1,929,267	2,214,262						
Supplies and Materials		114,196	119,795						
Equipment		200,066	192,680						
Miscellaneous		79,056	79,056						
Total	\$	9,208,363	\$ 9,400,124						

## NOTE 11. EXPLANATION OF DIFFERENCES BETWEEN THE STATEMENT OF BUDGETARY RESOURCES AND THE BUDGET OF THE UNITED STATES GOVERNMENT

Statement of Federal Financial Accounting Standards No. 7, Accounting for Revenue and Other Financing Sources and Concepts for Reconciling Budgetary and Financial Accounting, calls for explanations of material differences between amounts reported in the Statement of Budgetary Resources (SBR) and the actual balances published in the Budget of the United States Government (President's Budget). However, the President's Budget that will include FY08 actual budgetary execution information has not yet been published. The President's Budget is scheduled for publication in February 2009 and can be found at the OMB web site: http://www.whitehouse.gov/omb.

The 2009 Budget of the United States Government, with the actual column completed for 2007, has been reconciled with the statement of Budgetary Resources, and there are no material differences.

## NOTE 12. UNDELIVERED ORDERS AT THE END OF THE PERIOD

Statement of Federal Financial Accounting Standards No. 7, Accounting for Revenue and Other Financing Sources and Concepts for Reconciling Budgetary and Financial Accounting, states that the amount of budgetary resources obligated for undelivered orders at the end of the period should be disclosed. For the fiscal years ended September 30, 2008 and 2007, undelivered orders amounted to \$1,123,283 and \$1,327,110 respectively.

## NOTE 13. CUSTODIAL ACTIVITY

CSB's custodial collection primarily consists of Freedom of Information Act requests. While these collections are considered custodial, they are neither primary to the mission of CSB nor material to the overall financial statements. CSB's total custodial collections are \$1,177 and \$1,204 for the fiscal years ended September 30, 2008, and 2007, respectively.

## NOTE 14. RECONCILIATION OF NET COST OF OPERATIONS TO BUDGET

CSB has reconciled its budgetary obligations and non-budgetary resources available to its net cost of operations.

	2008		2007	
<b>RESOURCES USED TO FINANCE ACTIVITIES</b>				
Budgetary Resources Obligated				
Obligations Incurred	\$	8,835,936	\$	8,982,596
Less: Spending Authority from Offsetting Collections and Recoveries		265,712		440,815
Obligations Net of Offsetting Collections and Recoveries Other Resources		8,570,224		8,541,781
Imputed Financing from Costs Absorbed by Others		255,337		266,487
Net Other Resources Used to Finance Activities	_	255,337	_	266,487
Total Resources Used to Finance Activities	\$	8,825,561	\$	8,808,268
RESOURCES USED TO FINANCE ITEMS NOT PART OF TH NET COST OF OPERATIONS	Е			
Change in Budgetary Resources Obligated for Goods, Services and				
Benefits Ordered But Not Yet Provided	\$	(203,826)	\$	(318,004)
Resources That Fund Expenses Recognized in Prior Periods	Ŧ	(1,386)	Ŧ	-
Resources That Finance the Acquisition of Assets		65,301		14,765
Total Resources Used to Finance Items Not Part of the Net Cost of		·		<u> </u>
Operations		(139,911)		(303,239)
Total Resources Used to Finance the Net Cost of Operations	\$	8,965,472	\$	9,111,507
COMPONENTS OF THE NET COST OF OPERATIONS THAT WILL NOT REQUIRE OR GENERATE RESOURCES IN TH				
CURRENT PERIOD				
Components Requiring or Generating Resources in Future Periods				
Increase in Annual Leave Liability	\$	19,510	\$	18,298
Total Components of Net Cost of Operations That will not Require or				
Generate Resources in the Current Period		19,510		18,298
Components Not Requiring or Generating Resources				
Depreciation and Amortization		223,381		271,736
Other		-		(1,417)
Total Components of Net Cost of Operations That will not Require or				
Generate Resources		223,381		270,319
Total Components of Net Cost of Operations That will not Require or	•			
Generate Resources in the Current Period		242,891		288,617
NET COST OF OPERATIONS	\$	9,208,363	\$	9,400,124

# **ABBREVIATIONS AND ACRONYMS**

BPD	Bureau of the Public Debt (within the U.S. Department of the Treasury)
CEO	Chief Executive Officer
CFO	Chief Financial Officer
COOP	Continuity of Operations Plan
CSB	Chemical Safety and Hazard Investigation Board
EPA	Environmental Protection Agency
FISMA	Federal Information Security Management Act
FMFIA	Federal Manager's Financial Integrity Act
FY	Fiscal Year (October 1 to September 30)
GAAP	Generally Accepted Accounting Principles
GAO	Government Accountability Office
HSPD	Homeland Security Presidential Directive
OIG	Office of Inspector General
OMB	Office Management and Budget
OSHA	Occupational Health and Safety Administration (within the U.S. Department of Labor)
PAR	Performance and Accountability Report
PMA	President's Management Agenda
NAS	National Academy of Sciences

# WE WELCOME YOUR COMMENTS!

Thank you for your interest in the CSB's FY 2008 Performance and Accountability Report. We welcome your comments on how we can make this report a more informative document for our readers. We are particularly interested in your comments on the usefulness of this information and the manner in which it is presented. Please send your comments to <u>cfo@csb.gov</u> or write to:

**Chemical Safety and Hazard Investigation Board** Chief Financial Officer

2175 K. St, NW Suite C-100 Washington, DC 20038

# **ADDITIONAL COPIES**

Additional copies of this document may be downloaded from the CSB's website <u>www.csb.gov</u>,<sup>\*</sup> or send a written request to the e-mail or postal address above.

<sup>\*</sup>http://www.csb.gov/legal\_affairs