

*Health
Care Industry:
Environmental
Consulting and
Waste Management*



Services

- Health Care Hazardous Waste Evaluation:
 - Chemical Research
 - Sampling
 - EPA and State Waste Code Identification
- Waste Reduction Consulting
- On-Site Management
- Waste Collection:
 - Containerization
 - Characterization
 - Labpacking
- Transportation & Disposal Management
 - Manifesting
 - Labeling
 - T&D Coordination

Table of Common Regulated Wastes in the Health Care Industry					
Waste Type	Waste	HW Code	Disposal Method	Comments	Links and Resources
HW = Hazardous Waste HW-R = HW w/ Reduced Requirements ISW = Industrial Solid Waste I = Infectious/Sharps NT = Normal Trash P = Pharmaceutical Waste R = Radioactive Waste SLW = Sewable Liquid Waste			HW = Hazardous waste ID = Industrial Waste IW = Infectious Waste/Red Bag LS = Laundry Service NT = Normal Trash RD = Reverse Distribution RO = Recycled Off-Site RS = Retained On-Site		RI = Radioactive Waste SC = Sharps Container SW = Sewered Waste (Approval Required) YB = Yellow Bag (no liquids)
All departments	Aerosol containers, empty	ISW	N/A	NT, ID, RO	MPCA Factsheet - See Specific Waste; Managing Waste Aerosols #4.0
All departments	Aerosol containers, not empty	HW	D, F, U, P Codes	HW	Use contents and dispose of as empty, or dispose of as HW. MPCA Factsheet - See Specific Waste; Managing Waste Aerosols #4.0
All departments	Batteries	ISW	D Codes	NT, ID, RO, HW	Some types are HW. Collect and recycle. MPCA Factsheet - Managing Dry Cell Batteries #4.15
All departments	Blood and body fluids, items saturated or dripping with blood/body fluids, suction canisters	I	N/A	IW, SW	Solids treat as IW. Liquids may be sewerred with approval from sewer authority. MtTAP Factsheet - Suction Canister Waste Reduction
All departments	Disinfectants, concentrated (Quat based)	HW	MN01	HW	Use contents or dispose of a HW. Do not sewer. MtTAP Factsheet - Disinfection Best Management Practices
All departments	Disinfectants, diluted to <10% (Quat based)	SLW	N/A	SW	If used at manufacturer's recommended dilution rate, may sewer with approval from sewer authority. MtTAP Factsheet - Disinfection Best Management Practices
All departments	Electronics & computers	HW-R	D Codes	HW, RO	Collect and recycle. MPCA Factsheet - Managing Electronic Equipment #4.15

Why Bay West. . .

- ✓ **30 Years of Service** - Bay West has 30 years of consulting and waste management experience and consistently commended work by State customers such as the Minnesota Pollution Control Agency, and health care customers such as Allina Health Care, HealthEast and Health Partners Medical Care System.
- ✓ **The Choice of Regulators** - Bay West holds two contracts with the State of Minnesota, all of which involve waste management, cleanup, and emergency response. We also operate Ramsey County's Household Hazardous Waste Management Program.
- ✓ **Regulatory Knowledge & Experience** - Bay West has extensive experience working under State and Federal regulators' programs, including RCRA, CERCLA, TSCA, and SARA Title III.

We have a thorough working understanding of the regulations, processes, and procedures that are needed for the proper completion of health care waste evaluation, management, transportation and disposal, and labpacking.



Bay West, Inc.
5 Empire Drive
St. Paul, MN 55103
website: www.baywest.com
email: info@baywest.com

The Who, What, and Why of Health Care Waste Management

In its Factsheet **“Managing Waste from Health Care Providers”** (Waste/Hazardous Waste #3.34, October 2003, available at www.pca.state.mn.us/industry/healthcare.html#general), the MPCA defines the term ‘health care provider’ broadly to include a school or plant nurse’s office, a physician’s office, a dental office, a medical clinic or center, an assisted-care or long-term care facility, a hospital, a veterinary clinic or animal hospital and those personnel providing health care or operating such facilities. Health care providers generate regulated wastes which, if mismanaged, can harm human health and the environment.

Regulated wastes are commonly found in these departments:

- Dental
- Laboratory and Pathology
- Nuclear Medicine
- Sterile processing
- Dialysis
- Oncology
- Nursing
- Surgery
- Environmental Services/Housekeeping/Maintenance
- Pharmacy
- Radiology

Regulated wastes include:

- Hazardous Wastes (*Characteristic, Listed, PCBs, Lethality*)
- Infectious Waste
- Radioactive Waste
- Industrial Solid Waste
- Pharmaceutical Waste
- Sewerable Waste

In order to determine how to properly and safely manage a health care waste, it needs to be evaluated to identify all its characteristics. The correct management method can range from permitted sewerage to treatment and disposal. Certain hazardous wastes, such as mercury-containing equipment, fluorescent bulbs, used oil, and used electronics, generally have specific management requirements. For more information on managing these and other specific wastes, see the MPCA website: www.pca.state.mn.us/Waste/Pubs/Business.html#specific.

To find out more about the Health Care Waste Management services Bay West can provide, contact:

Gene Kuppenbender, CHMM, Vice President

direct: 651/291-3450 * cell: 612/597-4287 * genek@baywest.com

PROOF OF BAY WEST CUSTOMER SATISFACTION

Hospital System Waste Management Project Commendations

Regarding Work Performance: “We’re very pleased with what you did. You responded to any concerns, not that we had a lot, and you were responsive to our schedule for the hazardous waste pickup. We don’t get a lot of notice so it’s usually short notice for you. I appreciate that. Also, any of the technical questions we had in terms of storage, Jim, Bob, Mitch, all your guys are great and easy to work with. You have good customer service. . . . You did everything that I wanted. You jumped on it and really did a good job for us. I don’t have anything that you didn’t do. ”

Regarding Competitors. . . . “Well, for comparisons, I didn’t like what they were doing and that’s why we’re doing business with Bay West. I like how you get the manifests done and do a thorough and good job on them. You even send our copy in to the state for us. Your competitors were not willing to do this. It has been a big help that you do this for us and we don’t have to worry about it. ”

Would You Call Bay West Again? “Yes, and we do almost on a monthly basis. I would like to expand into some of your other services like the recycling aspects, fluorescent tubes and such. We have a contract right now with another vendor but when that expires, I would like to look at Bay West. ”