529 14th Street, NW, Suite 1280 | Washington, DC 20045 | mercurylamprecyclers.org

**2026 Product Stewardship Program Plan: Washington State Mercury-Containing Lights**

Prepared and Submitted By: Mercury Lamp Recyclers Association (MLRA)

Date: May 27, 2026

2026-2028 Product Stewardship Plan

The Washington State Mercury-Containing Lights Product Stewardship Program Plan is developed pursuant to the provisions of the Revised Code of Washington Chapter 70A.505 RCW. This is an initial draft submitted to bring participants into compliance. However, MLRA plans to work closely with Ecology in the coming months to finalize a completed plan and include required items that are still being collected at this time.

For submission to:

Washington State Department of Ecology

Solid Waste Management Program

Attn: Amanda J. Romero

Submitted by:

Danielle Myers, Executive Director

Mercury Lamp Recyclers Association (MLRA)

# 1. INTRODUCTION

The Washington State Mercury-Containing Lights Product Stewardship Program Plan (the "plan") was developed by the Mercury Lamp Recyclers Association (MLRA) pursuant to Chapter 70A.505 RCW. This Plan outlines a comprehensive program intended to reduce improper disposal practices that threaten the environment and human health.

The program was initially operationalized in January 2015. Following the initial ten-year operating period (2015-2025), participating producers have designated MLRA as the new Stewardship Organization to continue and enhance this plan starting in 2026. The program operated by MLRA will continue to be publicly known as LightRecycle Washington.

MLRA will serve as the designated stewardship organization, managing the program budget, revenue, and expenses on behalf of obligated producers.

MLRA will implement the plan, establish the collection location network, coordinate transportation, and develop outreach and education tools.

**Stewardship Organization:** The Stewardship Organization implements and operates the program, and manages the program budget, including revenues, expenses, and program administration costs, on behalf of the obligated producers. The Stewardship Organization is also responsible for establishing the collection location network and developing outreach and education tools. MLRA has been designated as the stewardship organization to operate the program on behalf of the participating producers. MLRA is a non-profit 501(c)3 stewardship organization that facilitates and manages the collection and proper disposal of mercury-containing lamps. Our mission is to promote the safe collection and proper disposal of mercury-containing lamps. Our members' continuing financial support demonstrates their commitment to a cleaner environment. The primary point of contact for MLRA on the preparation of this program is:

Danielle Myers, Executive Director
dmyers@kellencompany.com
212-297-2105

**Participating Producers:** Producers participating in MLRA's LightRecycle Washington Program are identified in Appendix I. Any producers who are not in apparent compliance with the law will be invited to join LightRecycle Washington and pay any outstanding charges that would have been applied since the start of 2026. Ecology will be notified of any new producers as they join the program so that Ecology can maintain an updated list of participating producers on their website. Producers who refuse to participate and are not in compliance with the law will be reported to Ecology. Participation in the stewardship

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organization is open to all producers subject to the chapter on reasonable and nondiscriminatory terms.

**Product Types:** The program collects all mercury-containing lights as defined in 70A.505.020 as lamps, bulbs, tubes, or other devices that contain mercury and provide functional illumination in homes, businesses, and outdoor stationary fixtures. For greater clarity, the program collects and manages the following product categories:

- Straight Fluorescent Tubes up to 8 feet in length
- Curve-shaped Fluorescent Tubes including u-shaped, circular and others
- Compact Fluorescent Lamps (CFL) – All sizes and types, including pin and screw base
- High Intensity Discharge (HID) – Accepted HID lights include High Pressure Sodium, Mercury Vapor and Metal Halide

Covered Entities are limited to the following on any given day to a registered collection location, unless they are participating in mail-back or curbside collection, in which case they may deliver no more than 15 lights per day.

- An unlimited number of CFLs that feature a screw base
- 15 pin-based compact or linear fluorescent lamps
- Two HID lamps

**Mercury Containing Lights Sold:** MLRA will provide the numbers of mercury containing lights sold annually in or into the state by producers participating in the plan once that data has been collected. Sales data is not available to MLRA at this time, and we hope to gain a better understanding of the recent sales trends after reviewing the upcoming 2025 annual report from Product Care Association (PCA).

## 2. FINANCING SYSTEM

The program will be partly funded through an Environmental Handling Charge (EHC) added to the purchase price of each mercury-containing light sold at retail in Washington.

Due to a decline in sales, the program will also be funded directly by participants through membership dues in the association. The final funding structure is yet to be determined, but participants in 2026 will fund the program based on brand collection share from a study completed by EcoLights in the fall of 2025 and a base fee of $3,500 for participants, including legacy producers, with under 1% of recycled products. MLRA will work with

EcoLights to conduct a few additional studies in 2026 to assist with a fair assessment of the brand collection share throughout the program. Beyond 2028, when the EHC fee is no longer applicable, MLRA proposes producers, including legacy producers, will fund the program based on brand collection share including a base fee for producers with less than 1% collection share.

As a result of the decreased sales of program lamps, program revenue derived from the EHC applied to the sale of each unit continues to decline. In order to sustain the program, EHC rates have increased twice since the implementation of the program, most recently in 2018/2019. Therefore, MLRA is proposing a rate increase for 2026/2027, depending on approval and implementation time, laid out in the table below.

**Purposed EHC Rate:** MLRA is proposing increased EHC fees for CFLs, Fluorescent Tubes, and HID lamps.

| Product | Washington EHC Fee |
|---|---|
| CFL | $1.25 |
| < 2ft LFL | $1.50 |
| 2 < 4ft LFL | $1.50 |
| > 4ft LFL | $1.50 |
| HID | $1.75 |

**Remitting the EHC:** The EHC must be included in the final purchase price to the consumer. Each participant in the program (producer, or retailer as remitter if applicable) is required to report the number of units by type of program products sold during the reporting period through a web-based reporting website and then remit the EHCs to MLRA. MLRA plans to utilize the existing portal managed by PCA. Policies and guidelines for sales data reporting and EHC remittance will be available on the program website.

According to the law, producers are obligated to report and remit EHCs to MLRA based on the number of program products sold in Washington State. Producers are required to add the EHC to the cost of program products which are supplied to retailers in Washington State and intended for retail sale. In some cases, the retailer is better positioned to determine the quantity of program products sold in or into Washington and may prefer to report and remit EHCs directly to the program, rather than to pay the EHCs to their supplier. The retailer can elect to remit the EHCs directly to the program on the producer's behalf through a binding remitter agreement and must notify MRLA in writing of any such arrangements to ensure all EHCs are properly recorded and remitted. In such a case, the producer would not invoice the retailer at the time of supply, and instead the retailer would

add the EHC to the cost of lights sold at retail and remit the EHCs directly to the program on behalf of the producer.

**Use of Funds:** Program revenues cover collection supplies (packaging), shipping, recycling processing, transportation, communications, and administrative costs.

MLRA ensures revenues and expenditures are allocated according to generally accepted accounting principles (GAAP) and commits to an annual financial audit by an independent certified public accountant.

## 3. USE OF WASHINGTON STATE BUSINESSES

MLRA includes Washington State businesses when soliciting services for program design, education, collection, transportation, and processing services to implement this plan. The following Washington State businesses are current service providers to the program.

| Company | UBI Number | Location | Function |
|---|---|---|---|
| EcoLights Northwest, LLC | 601 638 547 | Seattle, WA | Light boxes and supplies, spill kits, and recycling services |
| Total Reclaim Inc. | 601 350 223 | Kent, WA | Transportation Services |

In addition to the businesses listed above, the program will advertise using radio, print and digital media outlets located in Washington State. These types of media and outlets may vary year-to-year.

MLRA will utilize Washington State businesses when implementing and operating the program when it is economically sustainable and feasible to do so. Existing collection locations throughout Washington State, including retailers, household hazardous waste facilities and curbside and mail-back services. The program will also include Washington State associations such as (but not limited to) the Washington Retail Association and the Washington State Recycling Association as part of communication, outreach and education efforts.

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# 4. PLAN GOALS AND COLLECTION

MLRA anticipates a continued decline in the overall sales of mercury-containing lights due to the market's ongoing shift to LED technology. At this time, MLRA does not have enough data to set targets for collection volumes for the plan period. MLRA will propose targets after reviewing the 2024-2025 actual collection data from PCA and then establish a baseline.

# 5. COLLECTORS

MLRA will maintain a robust network of advertised locations across Washington, working to ensure no-cost drop-off services in all cities with populations greater than 10,000 and in all counties state-wide. To start the collection program back up, MLRA is accepting all collection locations that were grandfathered in under PCA's management. The program will start with a collection network consisting of 171 advertised locations that served as collection locations through 2025. These locations can be found in Appendix II. MLRA will then focus on adding locations that had participated in the past but chose to withdraw from the program in 2025.

**Network:** Collectors include retailers, HHW facilities, transfer stations, and curbside/mail-back programs. These locations include many that had already been collecting mercury-containing lights. All mercury-containing lights that are collected through program collection locations are picked up and sent to the approved processor where they are recycled.

Mail-back programs are frequently used to create a collection service for mercury-containing lights. Collection containers are sent to designated collection locations. When the containers are full, they are shipped to the processor, usually via common carrier. New containers are provided to replace full containers, typically within 3-4 days of submitting a request to the processor. Additional containers should be stored on site, so locations are never without containers to utilize.

The program accepts lamps collected through curbside collection programs in Washington State up to the limits set forth in the law. LightRecycle Washington provides supplies, transportation, and processing at no charge, provided that the waste management company registers with the program as an authorized collector.

In addition to collecting mercury-containing lights, collection location operators:

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- Request transportation for filled containers of lights
- Re-order supplies needed to store and transport lights
- Are provided with LightRecycle Washington operation information and marketing materials

Collection locations can communicate with the program by:

- Completing an online form for assistance
- Calling the toll-free telephone number for the program
- Emailing individual program staff or info@mercurylamprecyclers.org

Collection locations can register online, making it easy to sign up while meeting all the requirements set forth in the law and rules. Registration can be completed by completing an online form at www.lightrecycle.org/register/ or signing a written agreement. As part of the registration process, collectors are required to verify that they comply with the requirements by signing an attestation verifying they will comply with the requirements of WAC 173-910-520.; including confirmation that collection locations will be open and staffed during regularly scheduled hours and on an ongoing basis. Collection locations are not allowed to crush or process collected lights.

**Supplies:** MLRA provides all locations with mercury vapor barrier packaging designed to prevent the escape of mercury and meet requirements for common carrier transport.

**Safety:** All collection locations are provided with the Collection Location Guidelines and spill/release response plans to ensure worker safety and compliance with Universal Waste regulations (WAC 173-303-573). These guidelines can be found in Appendix III.

## 6. TRANSPORTERS

MLRA coordinates the direct pick-up and mail-back transportation of collected program products with EcoLights and Total Reclaim Inc.

**Primary Transporter:** MLRA contracts with Total Reclaim Inc. for direct ground pick-up from collection locations. Total Reclaim complies with WAC 173-910-530.

Registration information for Total Reclaim is provided below.

Total Reclaim Inc.

Common Carrier UTC Permit # MC-661411-C

US DOT Haz Mat # 820837

Contact: Alex Ralph

Address: 7021 South 220th Street, Kent, Washington 98032

Phone: 206.388.5202

7021 S 220th St
Kent, WA 98032
T 206.343.7443
F 206.343.7445
www.totalreclaim.com

1217 North 4th Ave
Kent, WA 98032
T 888.214.2327
www.ecolights.com

April 29, 2026

Ms. Danielle Myers
Executive Director
Mercury Lamp Recyclers Association
529 14th Street, NW, Suite 1280
Washington, DC 20045

RE: WAC 173-910-530 Transporter Requirements – Mercury – Containing Lights Product Stewardship Program

Ms. Myers:

I am writing to confirm that Total Reclaim, Inc. and EcoLights NW, LLC are both in compliance with the requirements contained in WAC 173-910-530, as well as other requirements of the chapter.

Thank you again for the opportunity to continue our service in support of the Light Recycle Washington program.

Sincerely,

Sign

Bobby Farris
CEO
Total Reclaim, Inc. & EcoLights NW, LLC

**Common Carriers:** Mail-back containers and smaller location shipments are transported using common carriers that meet the requirements for registered shippers of recyclables.

## 7. PROCESSING FACILITIES

MLRA utilizes processing facilities that comply with all federal, state, and local requirements for waste and recyclables processing.

**Primary Processor:** EcoLights Northwest LLC (Kent, Washington).

Contact: Alex Ralph

7021 South 220th Street,

Kent, Washington 98032

Phone: 206.388.5202

Hours: Monday – Friday 7:30 – 4:30

**Method:** Collected program products are recycled to the maximum extent possible. Mercury-containing lights are crushed by the processor in a specialized machine for processing lamps that operate under negative pressure. The crushed lamps are separated into component parts, glass, aluminum endcaps, and mercury phosphor powder, for shipment to downstream recycling vendors. The glass is used as aggregate in concrete and other construction-related uses, aluminum endcaps are sold to scrap aluminum buyers, and the mercury phosphor powder is shipped to an EPA regulated and approved mercury retort for purification. Remaining phosphor powder is shipped for recovery of rare earth elements contained in the powder. Nearly all of the non-hazardous program material, including glass and aluminum, is recycled.

## 8. RECORD KEEPING AND REPORTING

To demonstrate compliance and measure program performance, MLRA will collect and maintain records regarding:

- Total lights sold in Washington by participating producers.
- List of registered collection locations and collection services (Total Reclaim Inc.), compared to the required locations by County and City.
- Quantities and types of lights collected, estimated by weight, from individual locations, curbside, and mail-back services.
- Final destination, recycling methods, and disposed quantities of processed components.
- Assessments in the form of surveys and other applicable measures of the effectiveness of education, outreach, and marketing efforts for consumers, retailers, utilities, collectors, transporters and processors.

MLRA will provide informal reports for Ecology as requested, alongside the comprehensive Annual Report detailing the above metrics.

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Quantities of program products are reported by producers and retailers to the program monthly or quarterly through an online portal and stored in a secure database. Collection information is also reported by the processor to the program on a monthly basis and subject to verification by MLRA. Other program records such as registered collection locations and education and outreach efforts will be maintained by MLRA.

## 9. IMPLEMENTATION TIMELINE

MLRA plans to start-up the collection of program products June 1, 2026, and ramp up efforts as soon as program plan approval is received.

| Task | Description | Estimated Timeline |
|---|---|---|
| Start-up of the collection and processing efforts | MLRA sends collection locations program update and information via mail<br><br>EcoLights will begin supplying and processing supplies | May 27, 2026<br><br>June 1, 2026 |
| Education efforts for consumers, retailers, collectors, transporters, and processors | Begin outreach to participants via phone, email, and mail to confirm participation and update contact information | June 1, 2026 |
| Outreach efforts for the mercury-containing lights collection program | LightRecycle website is active<br><br>Marketing campaign will ramp up including print and digital advertising | June 1, 2026<br><br>July 1, 2026 |
| Continual progress toward collection of spent mercury-containing lights | Includes direct outreach and public advertising campaign | Ongoing |

## 10. EDUCATION, PUBLIC OUTREACH, AND MARKETING

**Program Collateral:** MLRA will work on creating new branded materials for all collection locations. Materials will utilize past branding designs, when possible, to ensure program recognition. Collateral items will include a poster, retail window cling, and retail shelf-talker. These items will be available at no cost to participating collection locations,

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department staff, and municipalities. Participating entities can order outreach materials by contacting MLRA.

**Website:** MLRA has worked with PCA to transition the LightRecycle.org website. Staff are in the process of updating items to reflect MLRA's management of the program. MLRA's website MercuryLampRecyclers.org will also be expanded to include information regarding the Washington program and to link back to LightRecycle.org. The website will provide a toll-free number and email for participants or residents to utilize regarding program inquiries.

**Advertising:** MLRA will conduct a yearly advertising campaign that targets covered entities through a variety of channels. Campaign messaging will raise public awareness of disposal prohibitions and ease of access to the recycling program. Campaign messaging will also include a description of the environmental handling charge that has been added to the purchase price of mercury-containing lights sold at retail to fund the mercury-containing light stewardship programs in the state. The campaign will target permanent and seasonal Washington residents geographically.

The campaign will primarily rely on digital advertising. Outlets will include social media platforms, Washington news publications, and Washington readers of national media outlets like the New York Times. MLRA will also purchase print ads in Washington publications, including newspaper.

This campaign may include digital, radio, newspaper, or television advertising.

**Public Review Process:** MLRA assumes The Department of Ecology will post the Program Plan online for review by all stakeholders. Ecology and MLRA will work to gather comments throughout the state from lighting producers, policy experts, waste management professionals, Department of Ecology personnel and others. MLRA will then meet with Ecology to discuss comments on the plan. Every comment received will be considered in subsequent revisions of the Program Plan.

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## Appendix I
## 2026 Participating Producers

| Producer | Contact | Email | Phone | Street | City | State | Zip | Brands |
|---|---|---|---|---|---|---|---|---|
| Ace Hardware Corporation | Jackie Lesch | jlesch@acehardware.com | 630-990-1880 | 2915 Jorie Blvd. | Oak Brook | IL | 60523 | FEIT Electric<br>Ace Trading- Kintron (Ace private label)<br>Osram Sylvania<br>Philips Lighting<br>Satco Products<br>Westinghouse Lighting |
| Advantus Corp. | Crystal White | productcompliance@advantus.com | 904-482-0091 X8825 | 12276 San Jose Blvd, Suite 618 | Jacksonville | FL | 32223 | OttLite |
| Central Network Retail Group | William Wright | William.Wright@cnrgstores.com | 205-223-9062 | 1927 1st Ave | North Birmingham | AL | 35203 | Parkrose Hardware; McLendon Hardware |
| EiKO Global, LLC | Fernando Ulloa | Fernando.ulloa@eiko.com | 800-852-2217 | 8725 Rosehill Rd., Suite 200 | Lenexa | KS | 66215 | EiKO<br>Premise<br>Xeleum |
| Feit Electric | Joel Jacobson | joel@feit.com | 562-463-2852 ext. 127 | 4901 Gregg Road | Pico Rivera | CA | 90660 | Feit Electric |
| Gavita International b.v. | Mourad Acherrat | m.acherrat@gavitainternational.com | +31 (0) 297 380 450 | Brequetlaan 2 | 1438 BB | The Nethe | Oude Mee | Gavita<br>Agrolux |
| GE Lighting, a Savant company | Josh Rintamaki | Joshua.Rintamaki@savant.com | (216) 266-2201 | 1975 Noble Road | East Cleveland | OH | 44112 | GE Lighting, GE |
| Globe Electric Company USA Inc | Howard Tafler | Howardt@globe-electric.com | 514-694-0444 | 150 Oneida | | Pointe-Clai | H9R 1A8 | Globe Electric |
| Greenlite Lighting Corp. | Stacy Li | stacy@greenlite.ca | 877-255-0004 ext. 120 | 115 Brunswick Blvd, Suite 102 | Pointe-Claire | QC | H9R 5N2 | Greenlite |
| Halco Lighting Technologies | Antrone Kingston | akingston@halcolighting.com | (678) 882-1092 | 2940-A Pacific Drive | Norcross | GA | 30017 | Halco Lighting Technologies<br>Topaz Lighting<br>ProLume®<br>CoverShield® |
| LEDVANCE LLC | Sana Wakim | sana.wakim@ledvance.com | 1-978 269-4975 | 181 Ballardvale Street, Suite 2 | Wilmington | MA | 01887 | SYLVANIA |
| Litetronics International Inc | Justin Szerlong | customerservice@litetronics.com | 800-860-3392 | 6969 W. 73rd Street | Bedford Park | IL | 60638 | Litetronics<br>Earthmate<br>Microbrite |
| MaxLite Inc | Zenny Haczyk | Zhaczyk@maxlite.com | 973-244-7300 ext.107 | 342 Changebridge Rd, Ste 201 | Pine Brook | NJ | 07058 | MaxLite<br>SpiralMax<br>Home Comfort Series<br>HiMax |
| Panasonic Corporation of North America | David Huelbig | david.huelbig@us.panasonic.com | 862-596-5095 | Two Riverfront Plaza | Newark | NJ | 07102 | Panasonic |
| Satco | Daniel Katz, Rick Burman | danielkatz@satco.com; rickburman@satco. | 714-392-7309 | 2 Riverfront Plaza | Brentwood | NY | 11717 | Satco |
| Seattle Lighting / Dolan NW LLC | Tony Back | tback@seattlelighting.com | 206-268-3438 | 26 S. Hanford ST. | Seattle | WA | 98134 | Design Classics & Destination Lighting |
| Signify North America Corporation | Kelly Seeger | kelly.seeger@signify.com | 781.825.3312 | 2 Van de Graaff Drive Suite 2 | Burlington | MA | 01803 | Philips |
| Southwire | Andrew Toomer | Andrew.toomer@southwire.com | 678.633.0513 | One Southwire dr | Carrollton | GA | 30119 | Southwire<br>Wobble light<br>Topaz |
| Technical Consumer Products | Paul Speero | pspeero@tcpi.com | 330-995-2431 | 325 Campus Dr | Aurora | OH | 44202 | TCP<br>TCP-Retail Brand<br>Ampco Products<br>Batteries Plus<br>Commercial Electric<br>Maintenance Warehouse<br>DuraBright<br>CVS<br>Premier Value<br>Wegman's<br>Quality Bright<br>EcoSave<br>Fred's<br>EcoSmart<br>HD Supply<br>Fastenal<br>Grainger China Direct<br>Great Value<br>N:Vision<br>Do It Best<br>Dollar General<br>Seagull<br>SpringLight<br>Utilitech |

## Appendix I
## 2026 Participating Producers

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Ushio America | Rez Motamed | compliance@ushio.com | | 5440 Cerritos Ave. | Cypress | CA | 90630 | Ushio<br>OSRAM |
| Venture Lighting International Inc | Asha Shusha Kumar | asha_kumar@adlt.com | 440-386-0859 | 30500 Aurora Rd, Suite 120 | Solon | OH | 44139 | Venture, SUNMASTER<br>USHIO<br>Philips<br>GE<br>Atlas<br>Howard<br>EYE<br>Sylvania<br>LUMA<br>Agro-Sun |
| Villa Lighting Supply | Amanda Armstrong | amanda.armstrong@villalighting.com | 314-633-0436 | 2929 Chouteau Ave. | St. Louis | MO | 36103 | ATR<br>CBC<br>GE Lighting<br>Philips<br>Satco |
| Westinghouse Lighting | Dave Gatto | gattod@westinghouselighting.com | 215-671-2152 | 12401 McNulty Road | Philadelphia | PA | 19154 | Westinghouse |

## Appendix II
## 2026 Collection Location List

| Collection Location Name | Address | City | State | Zip Code | Phone |
|---|---|---|---|---|---|
| LeMay's Central Transfer Station | 4201 Olympic Highway | Aberdeen | WA | 98520 | (360) 538-7080 |
| Ace Hardware of Anacortes | 1720 "Q" Avenue | Anacortes | WA | 98221 | (360) 293-3535 |
| North County Recycling & Transfer Station | 19600 63rd Ave. NE | Arlington | WA | 98223 | (425) 388-6050 |
| Hi-School Ace Hardware | 1605 W. Main Street | Battle Ground | WA | 98604 | (360) 702-0123 |
| Scott McLendon's Hardware | 51 NE State Route 300 | Belfair | WA | 98528 | (360) 876-8018 |
| Batteries Plus Bulbs | 14917 NE 20th St. | Bellevue | WA | 98007 | (206) 575-7539 |
| Factoria Household Hazardous Waste Drop Off Site | 13800 SE 32nd St. | Bellevue | WA | 98005 | (206) 205-3912 |
| Seattle Lighting | 1882 136th Pl. NE | Bellevue | WA | 98005 | 425-455-2110 |
| Bellingham Ace Hardware | 356 36th St. | Bellingham | WA | 98225 | (360) 933-4686 |
| Whatcom County Disposal of Toxics Facility | 3505 Airport Drive | Bellingham | WA | 98226 | 360-778-6036 |
| Patnode's True Value | 600 9th St. | Benton City | WA | 99320 | (509) 588-3216 |
| Pacific Building Center - True Value Hardware | 2677 Bell Road | Blaine | WA | 98230 | (360) 332-5335 |
| WFC Blaine Ace Hardware | 1733 H Street Suite 700 | Blaine | WA | 98230 | (360) 255-7206 |
| LRI Prarie Ridge | 11710 Prarie Ridge Dr E | Bonney Lake | WA | 98391 | 253-847-7555 |
| Recology CleanScapes Retail Store | 22833 Bothell-Everett Hwy, #111 | Bothell | WA | 98021 | (509) 398-8612 |
| Household Hazardous Waste Collection Facility | 5551 SW Imperial Way | Bremerton | WA | 98312 | (360) 337-5781 |
| City of Bridgeport | 1007 Fairview Ave. | Bridgeport | WA | 98813 | (509) 232-3370 |
| Recology CleanScapes Burien Retail Store | 16200 1st. S. | Burien | WA | 98166 | (206) 767-3322 |
| Chuckanut Lighting | 938 Fountain St | Burlington | WA | 98233 | (360) 757-2195 |
| Ekrem Hardware Do-It Center | 237 E. Fairhaven Ave. | Burlington | WA | 98233 | (360) 755-0040 |
| Camano Island Transfer Station | 75 E. Camano Hill Road | Camano Island | WA | 98282 | (360) 387-9696 |
| Bredfield's True Value Hardware | 102 Cowlitz St West | Castle Rock | WA | 98611 | (360) 274-8432 |
| Lewis County Solid Waste | 1411 So Tower Ave. | Centralia | WA | 98531 | (360) 740-1451 |
| Lake Chelan Lighting Center | 917 E Woodin Ave | Chelan | WA | 98816 | (509) 687-6053 |
| Sety's Ace Hardware | 301 E. Main | Chewelah | WA | 99109 | (509) 935-8585 |
| Asotin County Regional Landfill | 2901 6th Avenue | Clarkston | WA | 99403 | (509) 758-9230 |
| North County Transfer Station | 22123 N. Elk-Chattaroy Road | Colbert | WA | 99005 | (509) 238-3183 |
| Colville Henery Hardware | 984 S. Main St. | Colville | WA | 99114 | (509) 684-6505 |
| Coupeville Solid Waste Complex | 20018 State Highway 20 | Coupeville | WA | 98239 | (360) 679-7386 |
| City of Covington | 16720 SE 271st St | Covington | WA | 98042 | 253-480-2404 |
| Dallesport Transfer Station | 126 Tidyman Rd | Dallesport | WA | 98617 | 5097674468 |
| Darrington Hardware & Supply | 1220 SR 530 NE | Darrington | WA | 98241 | (360) 436-1260 |
| Deer Park Ace Hardware | 141 West H Street | Deer Park | WA | 99006 | (509) 276-2951 |
| Zacher Processing Center | 6114 Batterman Road | East Wenatchee | WA | 98802 | 509-860-0620 |
| Orcas Power and Light Cooperative | 183 Mt. Baker Rd. | Eastsound | WA | 98245 | (360) 376-3500 press 3 |
| The Exchange/Orcas Recycling Services | 3398 Orcas Road | Eastsound | WA | 98245 | (360) 376-4089 |
| Edmonds Public Works (Front Office) | 7110 210th St SW | Edmonds | WA | 98026 | 425-771-0235 |
| Kittitas Solid Waste | 925 Industrial Way | Ellensburg | WA | 98926 | 509-962-7542 |
| Stans Merry Mart | 310 North Pearl Street | Ellensburg | WA | 98926 | (509) 662-5858 EXT 419 |
| Enumclaw Recycling and Transfer Station | 1650 Battersby Ave E | Enumclaw | WA | 98022 | (206) 296-4460 |
| Grant County Solid Waste | 3803 Neva Lake Road NW | Ephrata | WA | 98823 | 509-754-4319 |
| Ace Hardware of Evergreen Way | 4835 Evergreen Way | Everett | WA | 98203 | (425) 610-4112 |
| Airport Road Recycling & Transfer Station | 10700 Minuteman Dr. | Everett | WA | 98204 | (425) 388-6050 |
| Household Hazardous Waste Drop-off Station | 3434 McDougall Ave. | Everett | WA | 98201 | (425) 388-6050 |
| Seattle Lighting | 1811 Hewitt Avenue | Everett | WA | 98201 | 425-252-4151 |
| Chenega Reliable Services/Fairchild AFB | 550 N. Depot, Bldg. 2411 | Fairchild AFB | WA | 99011 | 509-247-8761 |
| Batteries Plus Bulbs | 31830 Pacific Hwy S | Federal Way | WA | 98003 | (253) 770-3313 |
| Northshore Ace Hardware | 35419 21ST Ave. S.W. | Federal Way | WA | 98023 | (253) 835-5052 |
| Ferndale Ace Hardware | 5715 4th Ave. | Ferndale | WA | 98248 | (360) 656-6882 |
| Ace Hardware of Friday Harbor | 340 Argyle Avenue | Friday Harbor | WA | 98250 | (360) 378-4622 |
| Orcas Power and Light Cooperative | 1034 Guard St. | Friday Harbor | WA | 98250 | (360) 376-3550 |
| Treasure Chest Sales & Services (was CT reyclcing) | 6739 Roche Harbor Road | Friday Harbor | WA | 98250 | (360) 370-5562 |
| Ace Hardware | 4816 Pt. Fosdick Dr. NW | Gig Harbor | WA | 98335 | (253) 858-6169 |
| Goldendale Transfer Station | 1205 W Broadway St. | Goldendale | WA | 98920 | 5097736202 |
| Riders True Value | 117 E Winew Country Rd. | Grandview | WA | 98930 | (509) 882-2039 |
| Granite Falls Neighborhood Recycling & Disposal Center | 7526 Menzel Lake Road | Granite Falls | WA | 98252 | (425) 388-6050 |
| BZ Corners Transfer Station | 5 Firtee Rd | Husum | WA | 98623 | 5094934434 |
| Recolgy CleanScapes | 355 NW Gilman Blvd | Issaquah | WA | 98027 | (425) 392-0285 |
| JBLM DPW Environmental Operations | Bldg 9679, Rainier Drive | Joint Base LewisMcChord | WA | 98433 | (253) 967-4786 |
| JBLM MAMC Warehouse | Building 9665 Perry Ave | Joint Base LewisMcChord | WA | 98433 | 253-967-2583 |
| Kenmore City Hall | 18120 68th Ave NE | Kenmore | WA | 98028 | 425-398-8900 press 0 |
| Batteries Plus Bulbs | 321 North Columbia Center Blvd. | Kennewick | WA | 99336 | (509) 489-4226 |
| Kennewick Ace Hardware and Sporting Goods - Griggs | 2831 W Kennewick Ave. | Kennewick | WA | 99336 | (509) 987-1124 |
| McLendon Hardware | 23662 104th Ave. SE | Kent | WA | 98031 | (253) 850-2722 |
| Total Reclaim | 7021 S 220th St | Kent | WA | 98032 | (206) 343-7443 Press 5 |
| Kirkland City Hall | 123 5th Ave | Kirkland | WA | 98033 | (425) 587-3812 |
| Thurston County Hazohouse | 2420 Hogum Bay Rd NE | Lacey | WA | 98516 | (360) 867-2912 |
| Lakewood Ace Hardware | 8123 Steilacoom Blvd. SW | Lakewood | WA | 98498 | (253) 588-8586 |
| Bayview Solid Waste Dropbox and Recycle Park | 5790 S. Kramer Road | Langley | WA | 98260 | (360) 321-4505 |
| Waste Control Recycling | 1150 3rd Avenue | Longview | WA | 98632 | (360) 425-4302 |
| Lopez Solid Waste | 2449 Fisherman Bay Road | Lopez Island | WA | 98261 | (360) 468-2555 |
| City of Lynden | 300 4th St | Lynden | WA | 98264 | 360-354-1170 |
| Johnsons Home and Garden | 26625 Maple Valley Black Diamond Rd. | Maple Valley | WA | 98038 | (425) 432-3384 |
| Marty's True Value Hardware | 205 E First Street | Mattawa | WA | 99349 | (509) 932-4555 |
| Mercer Island Community and Event Center | 9611 SE 36th St | Mercer Island | WA | 98040 | 206-643-6019/ 206-275-775 |
| Mercer Island True Value Hardware | 7707 SE 27th St. Suite 110 | Mercer Island | WA | 98040 | (206) 232-7282 |
| City of Monroe | City Hall at City of Monroe | Monroe | WA | 98272 | (360) 794-7400 |
| Skagit County Household Hazardous Waste Facility | 14104 Ovenell Rd | Mount Vernon | WA | 98273 | (360) 416-1580 |

## Appendix II
## 2026 Collection Location List

| | | | | | |
|---|---|---|---|---|---|
| Southwest Recycling & Transfer Station | 21311 61st Place West | Mountlake Terrace | WA | 98043 | (425) 388-6050 |
| Newcastle City Hall | 12835 Newcastle Way, Suite 200 | Newcastle | WA | 98056 | 425-386-4124 |
| North Whidbey Solid Waste Dropbox and Recycle Park | 3151 Oak Harbor Road | Oak Harbor | WA | 98277 | (360) 675-6161 |
| Methow Recycles | 12 Twisp Airport Road | Okanogan | WA | 98856 | (509) 997-0520 |
| Okanogan County Central Landfill | 241 North B&O Rd. | Okanogan | WA | 98840 | (509) 422-2602 |
| Batteries Plus Bulbs | 2905 Capital Mall Dr. SW | Olympia | WA | 98502 | 253-666-9555 |
| Olympia Ace Hardware | 400 Cooper Point Road | Olympia | WA | 98502 | (360) 236-0093 |
| Ellisforde Transfer Station | 65 Swanson Mill Rd. | Oroville | WA | 98844 | (509) 422-5302 |
| Bruce Transfer Station | 504 South Lucy Road | Othello | WA | 99344 | (509)488-6171 |
| Othello Ace Hardware | 420 E Main Street | Othello | WA | 99344 | (509) 488-5667 |
| Grigg's Department Store Ace Hardware | 801 W Columbia St | Pasco | WA | 99301 | (509) 946-0881 |
| Garfield County Public Works | 19th and Arlington | Pomeroy | WA | 99347 | (509) 843-3710 |
| Swain's General Store | 602 E 1st St | Port Angeles | WA | 98362 | (360) 452-2357 |
| Thurman Supply | 1807 East Front Street | Port Angeles | WA | 98362 | (360) 457-8591 |
| Jefferson County Recycle Center | 325 County Landfill Road | Port Townsend | WA | 98368 | (360) 385-7678 / 360-385-04 |
| Pullman Disposal Service | 135 NW Harold Dr. | Pullman | WA | 99163 | (509) 334-1914 |
| Whitman County Public Works Solid Waste Facility | 252 Landfill Road | Pullman | WA | 99163 | (509) 334-2400 |
| Batteries Plus Bulbs | 10210 123rd St. Ct. E | Puyallup | WA | 98374 | (253) 476-2666 |
| McLendon Hardware | 11307 Canyon Rd. E | Puyallup | WA | 98373 | (253) 863-2264 |
| Jefferson County Disposal Site Quilcene | 295312 Highway 101 | Quilcene | WA | 98376 | (360) 765-3051 |
| Westlake Ace Hardware | 146 5th St | Raymond | WA | 98577 | 360-942-2427 |
| Fairwood Ace Hardware | 14100 SE Petrovitsky Road | Renton | WA | 98058 | (425) 793-0123 |
| McLendon Hardware | 440 Rainier Ave. S | Renton | WA | 98057 | (253) 536-6560 |
| Ferry County Public Works - Solid Waste Div. | 584 Torboy Dump Road | Republic | WA | 99166 | (509) 775-8019 |
| Ace Hardware and Sporting Goods on Keene Road | 103 Keene Road | Richland | WA | 99352 | (509) 628-3618 |
| Grigg's Department Store Ace Hardware | 1415 George Washington Way | Richland | WA | 99354 | (509) 547-0566 |
| Ritzville Transfer Station | 1803 East Danekas Road | Ritzville | WA | 99169 | (509)659-1540 |
| Rock Island Community Recycling Center | 23 S Garden Ave. | Rock Island | WA | 98850 | (509) 884-1261 |
| City of Sammamish | 801 228th Ave SE | Sammamish | WA | 98075 | 425-295-0500 |
| City of SeaTac | 4800 South 188th St. | SeaTac | WA | 98188 | 206-973-4763 |
| Batteries Plus Bulbs | 536 NE Northgate Way | Seattle | WA | 98125 | (509) 924-6645 |
| Crown Hill Tweedy and Popp Hardware | 9000 Holman Rd. NW | Seattle | WA | 98117 | (206) 659-4772 |
| Friendly Earth | 1560 First Avenue South | Seattle | WA | 98134 | (206) 367-4111 |
| Hero Ace Hardware | 1915 4th Ave | Seattle | WA | 98101 | (206) 454-7999 |
| Junction True Value Hardware | 4747 44th Ave S.W. | Seattle | WA | 98116 | (206) 932-0450 |
| Lake City Tweedy & Popp Hardware | 3040 NE 127th St. | Seattle | WA | 98125 | (206) 363-1246 |
| Madison Park Hardware | 1837 42nd Avenue East | Seattle | WA | 98112 | (206) 322-5331 |
| Maple Leaf Ace Hardware | 9000 Roosevelt Way NE | Seattle | WA | 98115 | (206) 522-3324 |
| North Seattle Household Hazardous Waste Collection Facility | 12550 Stone Avenue North | Seattle | WA | 98133 | (206) 296-4692 |
| Pacific Supply | 1417 12th | Seattle | WA | 98122 | (206) 322-1717 |
| Recology CleanScapes | 7303 8th Avenue South | Seattle | WA | 98108 | (206) 859-6700 / |
| Seattle Goodwill Outlet | 1765 6th Ave South | Seattle | WA | 98168 | (206) 860-5777 |
| Seattle Lighting | 222 Second Ave | Seattle | WA | 98104 | 206-622-4736 |
| South Seattle Household Hazardous Waste Collection Facility | 8100 2nd Avenue South | Seattle | WA | 98108 | (206) 296-4692 |
| Stoneway Hardware Ballard | 4910 15th Ave NW | Seattle | WA | 98107 | (206) 724-0571 |
| Wallingford Tweedy & Popp Hardware | 1815 N 45th St. Ste. 112 | Seattle | WA | 98103 | (206) 632-2290 |
| City of Seattle, Seattle Public Utilities | 8101 1st Ave South | Seattle | WA | 98106 | 206-684-4682 |
| Seattle Lighting - Clearance Outlet | 26 S. Hanford St. | Seattle | WA | 98134 | 206-268-3579 |
| City Recycling Center | 315 Sterling Street | Sedro-Woolley | WA | 98284 | (360) 855-1884 Press 3 |
| Around Again | 22 Gilbert Rd. | Sequim | WA | 98382 | (360) 683-7862 |
| Mason County Landfill | 501 Eells Hill Rd | Shelton | WA | 98584 | (360) 463-2958 |
| Shoreline Recycling and Transfer Station | 2300 N 165th Street | Shoreline | WA | 98133 | (206) 296-1504 |
| Recolgy CleanScapes | 15235 Aurora Ave N. #102 | Shorline | WA | 98133-4416 | (206) 417-3877 |
| Dubuque Road Neighborhood Recycling & Disposal Center | 19619 Dubuque Road | Snohomish | WA | 98290 | (425) 388-6050 |
| Batteries Plus Bulbs | 7704 North Division Suite C | Spokane | WA | 99208 | (206) 364-0446 |
| Batteries Plus Bulbs | 11101 East Sprague | Spokane | WA | 99206 | (425) 641-2000 |
| South Hill Ace Hardware | 4416 S. Regal St. | Spokane | WA | 99223 | (509) 232-4223 |
| Spokane Regional Solid Waste | 2900 S Geiger Blvd | Spokane | WA | 99224 | (509) 625-6540 |
| Wandermere Ace Hardware | 12908 N. Hwy. 395 | Spokane | WA | 99218 | (509) 466-3228 |
| Montgomery Hardware | 9110 E Montgomery Ave | Spokane Valley | WA | 99206 | (509) 928-6163 |
| Spokane Valley Ace Hardware | 15405 E. Sprauge Ave | Spokane Valley | WA | 99037 | (509) 893-8733 |
| Sunshine Disposal and Recycling | 2405 N. University Rd. | Spokane Valley | WA | 99206 | (509) 924-5678 |
| Valley Transfer Station | 3941 North Sullivan Road | Spokane Valley | WA | 99216 | (509) 928-2400 |
| Stevenson Transfer Facility | 1332 Ryan Allen Rd. | Stevenson | WA | 98648 | (509) 427-3926 |
| Sultan Neighborhood Recycling & Disposal Center | 33014 Cascade View Drive | Sultan | WA | 98294 | (425) 388-6050 |
| McLendon Hardware | 1111 Fryer Ave. | Sumner | WA | 98390 | (253) 888-4000 |
| City of Sunnyside | 818 East Edison | Sunnyside | WA | 98944 | (509) 836-3997 |
| Batteries Plus Bulbs | 4027 Tacoma Mall Blvd. | Tacoma | WA | 98409 | (360) 570-0000 |
| McLendon Hardware | 1015 N. Pearl Street | Tacoma | WA | 98406 | (425) 485-1363 |
| Seattle Lighting | 6710 Tacoma Mall Blvd. | Tacoma | WA | 98409 | 253-475-8730 |
| Lee Frank Mercantile | 324 S. Whitcomb ave. | Tonasket | WA | 98855 | (509) 486-2105 |
| Batteries Plus Bulbs | 17065 Southcenter Parkway | Tukwila | WA | 98188 | (509) 783-3400 |
| Bow Lake Recycling and Transfer Station | 18800 Orillia Road S | Tukwila | WA | 98188 | (206) 296-0252 |
| Lincoln Creek Lumber/Ace Hardware | 2421 93rd Ave SW | Tumwater | WA | 98512 | (360) 956-9147 |
| Underwood Transfer Facility | 1402 Little Buck Creek Rd. | Underwood | WA | 98650 | (509) 493-3313 |
| Central Transfer and Recycling | 11034 NE 117th Avenue | Vancouver | WA | 98662 | (360) 256-8482 Press 9 |
| Clark Public Utilities - Electric Center | 1200 Fort Vancouver Way | Vancouver | WA | 98663 | (360) 992-3365 |
| Clark Public Utilities - Operations Office | 8600 NE 117 Ave. | Vancouver | WA | 98662 | (360) 992-3000 |
| Hi-School Ace Hardware | 13009 NE Hwy. 99 | Vancouver | WA | 98686 | 3605746624 |
| West Van Materials Recovery Center | 6601 NW Old Lower River Road | Vancouver | WA | 98660 | (360) 737-1727 Press 9 |
| Island Home Center & Lumber | 17633 97th Pl SW | Vashon | WA | 98070 | (206) 463-5000 Press 0 |
| Vashon Recycling and Transfer Station | 18900 Westside Hwy SW | Vashon | WA | 98070 | (206) 463-4328 |

## Appendix II
## 2026 Collection Location List

| | | | | | |
|---|---|---|---|---|---|
| Batteries Plus Bulbs | 632 South 9th Ave. | Walla Walla | WA | 99362 | (509) 571-1322 |
| Sudbury Regional Landfill, City of Walla Walla | 414 Landfill Rd. | Walla Walla | WA | 99362 | (509) 527-4591 Press 3 |
| Mt. Pleasant Transfer Facility | 1111 MT. Pleasant Rd. | Washougal | WA | 98671 | (360) 837-3329 |
| Washougal Transfer Station | 4020 S Grant Street | Washougal | WA | 98671 | (360) 835-2500 Press 0 |
| Town of Waterville Community Recycling Center | 720 N. Chelan Ave. | Waterville | WA | 98858 | (509) 745-8871 |
| Chelan County Moderate Risk Waste Facility | 3612 Highway 97A | Wenatchee | WA | 98801 | 509-888-1195 |
| Stan's Merry Mart | 733 S. Wenatchee Ave. | Wenatchee | WA | 98801 | (509) 662-5858 |
| Goodwill - West Richland | 4034 W Van Giesen St. Suite B | West Richland | WA | 99352 | 509-735-7238 |
| McLendon Hardware | 17705 130th Ave. NE | Woodinville | WA | 98072 | (425) 235-3555 |
| Woodland Ace Hardware | 1325 Lewis River Rd | Woodland | WA | 98674 | (360) 225-6526 |
| Batteries Plus Bulbs | 1731 S 1st St | Yakima | WA | 98901 | (509 529-7001 |

**Appendix II**
**2026 Collection Location List**

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**2026 Collection Location List**

LightRecycle WASHINGTON

**Mercury-Containing Light Recycling Program**

# Collection Location Guidelines

April 2026

MLRA
Mercury Lamp Recyclers Association

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# Program Overview

Thank you for becoming a Collection Partner in the Washington State Recycling Program, LightRecycle Washington. These guidelines are provided to help ensure safe management and transportation of mercury-containing lights that are dropped off at your Collection Location.

Our Collection Partners enhance their communities and our State by helping reduce the number of mercury-containing lights that enter our landfills. Retail Collection Partners also benefit from increased customer traffic and from letting their community know that they care about the environment.

This document is intended to provide practical guidance to collectors in the LightRecycle Washington program and should be used to train personnel in the handling and management of Program materials. In addition, all collectors must comply with the requirements of the Mercury-Containing Lights Law (RCW 70.275) (the "Law") and rule WAC 173-910-520. For more information, visit: www.ecy.wa.gov/programs/swfa/mercurylights

## How the Program Works

Washington State residents bring unwanted mercury-containing fluorescent tubes/bulbs and High Intensity Discharge (HID) lights to authorized Collection Locations during business hours. As stated in the Law, collections locations can accept product that was purchased at retail including, an unlimited number of CFLs that feature a screw base, 15 pin-based compact or linear fluorescent lamps, or two HID lamps from any individual, business or organization in Washington State. There is no charge to drop the lights off. Collection locations safely store the lights using containers and supplies provided by the program. The Program picks up full collection containers and provides replacement empty containers. See Section 3 below for information on how to arrange the pick up of full containers and the re-supply of empty containers.

## Safety

Fluorescent tubes, bulbs and HID lights accepted by the Program contain a small amount of mercury, which can pose a risk to human health and the environment if the light is broken. Take care when handling lights to prevent breakage. If a light is broken, open a window or door, leave the immediate area where the breakage occurred and consult the broken light handling procedure in Section 4 of this manual. Clean-up information is also available at the Washington State Department of Ecology Website:

*www.ecy.wa.gov/mercury/mercury_bulb_cleanup.html*.

**LightRecycle Washington**
LightRecycleWA.org
info@LightRecycleWA.org
Phone: TBD

## Section 1: Approved Materials for Collection

Washington State residents, businesses and other organizations can drop-off product that was purchased at retail including, an unlimited number of CFLs that feature a screw base, 15 pin-based compact or linear fluorescent lamps, or two HID lamps.

Collection Partners accept the lights for recycling, store them in provided containers, and call for pick-up when containers are full. The LightRecycle Washington program provides all containers, supplies, transportation and recycling services.

### Accepted Lights

LightRecycle Washington will accept lights that contain mercury and provide functional illumination in homes, businesses, and outdoor stationary fixtures. The most common categories of these lights are described below.

**ALL SHAPES AND SIZES OF THESE LIGHTS ARE ACCEPTED**

### Compact Fluorescent Lights (CFL's)

CFLs are known for their "corkscrew" design, but also come in a wide range of shapes, sizes and styles.

---

### Fluorescent Tubes

Straight (or linear) fluorescent tubes come in sizes from one to eight feet. Other fluorescent tubes include U- shaped, circular and other curved shapes.

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### High Intensity Discharge (HID)

HID lamps come in a variety of shapes and sizes. HID lamp types include High Pressure Sodium, Mercury Vapor, Metal Halide, Ultraviolet (UV), Ultra High Performance (UHP) and Germicidal.

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For further assistance in identifying accepted lights, including definitions and pictures, please refer to Appendix C.

## NO CHARGE DROP-OFF

Under this program, no fees can be charged to customers dropping off accepted lights for recycling.

## ACCEPTING BROKEN LIGHTS

Fluorescent tubes and bulbs that have been broken accidentally can be accepted at your collection location. Residents may bring their broken bulb and the materials used to clean it up (such as paper towel or cardboard) in a sealed plastic bag or other air-tight container. If a resident brings in a broken light, ensure it is in a sealed container and add it to the other materials that are being collected for recycling.

The program does not accept lights that have been intentionally crushed in quantities, either manually or mechanically (i.e. by a drum-top crusher, also known as a bulb crusher).

## NON-PROGRAM LIGHTS AND PRODUCTS

LightRecycle Washington only accepts mercury-containing lights (lamps, bulbs and tubes) that contain mercury and provide functional illumination in homes, businesses, and outdoor stationary fixtures.

The Program does not accept incandescent, halogen, LED, or other lights that do not fit the above description. Collection locations can use LightRecycle Washington promotional literature to help explain this limitation to consumers. LightRecycle Washington provides this literature to Collection Locations at no charge.

LightRecycle Washington is not responsible for non-program materials accepted at Collection Locations.

# Section 2: Collection Location Set-Up

LightRecycle Washington will provide each Collection Location with supplies and marketing materials needed to collect materials safely and effectively.

## SUPPLIES

Collection Locations will be provided with:

- Boxes for all bulbs and u-shaped and curved tubes
- Boxes or fiber drums for fluorescent tubes (4 feet or less)
- Boxes or fiber drums for florescent tubes (over 4 feet and up to 8 feet)
- Broken Light Clean-up Kit

NOTE: Boxes will ship flat with a plastic liner and re-closable zip tie and require minimal assembly prior to use.

## SIGNAGE AND MARKETING MATERIALS

Signage and promotional materials are intended to raise awareness about recycling lights. Examples of promotional pieces may include:

- Window Clings
- Brochure and/or rack card, detailing the recycling program
- Promotional Magnets
- Shelf Talkers
- Counter Stands (for 8.5” x 11” flyer)

These materials are provided at no charge to Collection Partners and can be re-ordered by:

- Telephone: TBD
- Order online at www.LightRecycleWA.org.

Please display signage and promotional pieces prominently.
Contact us with questions, feedback, or to request additional materials.

## CHOOSING A STORAGE LOCATION

You will need a storage location for collected lights and program supplies. Recommendations for the storage location include:

- Select a storage location that can easily be accessed by personnel who are carrying lights that have been dropped off but is away from high-traffic areas.
- Storage area should be inaccessible to the public (i.e. authorized personnel only) except in settings designed for supervised self-service.
- It should be easy to move full containers of lights from the storage area to transport vehicle.
- The floor surface should be impervious, and the area should be dry, protected from the weather and free of debris and away from drains. Wet lights cannot be transported for recycling.
- The space used for collection containers must hold a minimum of:

  - two boxes for bulbs (approx. 14” x 10” x 24”),

  - two boxes for 4-foot fluorescent light tubes (8” x 8” x 48”) and

  - one box for 8-foot fluorescent light tubes (8” x 8” x 96”).
- Secure the area during non-operating hours.

The storage location must be equipped with a Broken Light Clean-up Kit provided by the Program.

## PUBLIC ACCESS AND SECURITY

The Collection Location is only required to accept lights during regular business hours. However, if lights accepted by the Program are abandoned at the Location when closed, please add them to your collected materials for recycling.

## Section 3: Collecting and Storing Lights

LIGHTS SHOULD BE HANDLED, STORED AND TRANSPORTED CAREFULLY TO AVOID BREAKAGE. LIGHTS COLLECTED THROUGH THIS PROGRAM WILL BE MANAGED AS UNIVERSAL WASTE.

FOR MORE INFORMATION, REVIEW THE WASHINGTON STATE UNIVERSAL WASTE RULE FOR LAMPS, WAC 173-303-573(5).

At retail store collection locations and some municipal facilities, lights will be received by location personnel and placed in containers at the designated storage area. Customers and visitors should not have access to the collection containers.

Some municipal facilities may allow individuals to place the lights into the containers themselves during operating hours, as long as location personnel is available to answer questions regarding acceptable materials and quantities.

CFLs, HIDs and U-shaped or circular tubes go in the smaller boxes. Linear tubes are placed in boxes for the appropriate length. Tubes that are 4 feet or under should go in the 4-foot boxes. Tubes longer than 4 feet go in the 8-foot boxes. All containers will come with a plastic liner and re-closable zip tie.

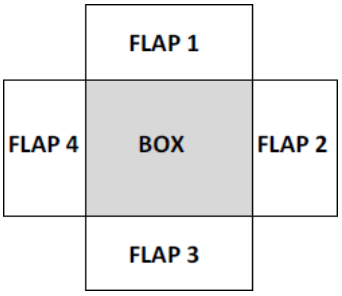
The following methods will ensure safe light handling and risk minimization:

- Handle collected lights gently to prevent breakage. The lights should be handled by their bases, not the glass portion.
- Set lamps into the containers carefully. Do not drop, throw or toss lights.
- All containers will include a plastic liner which must be in place before the container is used to hold lights.
- Store the lights in a secure area where they will not be run into or toppled.
- Keep CFL, HID and shaped tubes separate from linear tubes.
- Do not tape or use rubber bands to hold bubs or tubes together. Tape must be removed before the lights are placed in the storage containers.
- Use provided containers to collect lights. The containers must remain structurally sound and lack evidence of leakage, spillage or damage.
- Broken lamps must be cleaned up immediately.
- Do not over-fill collection containers as they will be difficult and dangerous to close and may be rejected for shipping.
- Do not force fluorescent tubes in the collection container. If a tube does not slide into place within the container, the container is full.
- Do not stack material on top of collection containers.

## PACKAGING

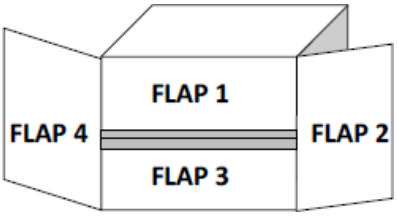
Cardboard boxes used to collect, store and ship CFL and HID lights are assembled and sealed like other boxes, with one important exception: **All open flaps must be sealed closed with packing tape.** This requirement, the plastic liner and re-closable zip tie, minimize leakage, even if the lights shift or break during transport.

## Collection Box Assembly: Bulbs



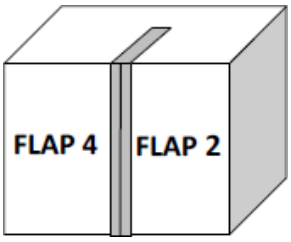

1. Start by unfolding the flattened box into a square shape.

2. Fold Flap 1 and Flap 3 over the box opening until they meet in the middle.



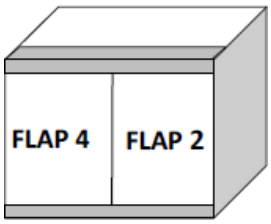

3. Affix two (2) strips of packing tape down the middle of the flaps.

4. Fold Flap 2 and Flap 4 until they meet in the middle.




5. Affix two (2) strips of packing tape down the middle of the flaps. Make sure that the strips of tape reach down the side of the box at least six (6) inches (15 cm).

6. Affix two (2) strips of packing tape along each side of the box where the flaps were closed.




7. Ensure that all open edges of the bottom of the box are securely taped up

8. Open the plastic liner bag provided inside the box and fold the liner over the top end of the box

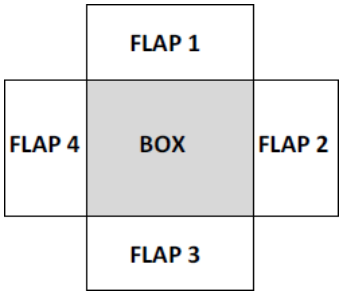
*Upon completion of steps 1-8, the box is now ready for use.*

## Collection Box Assembly: 4 foot and 8 foot Tube Boxes

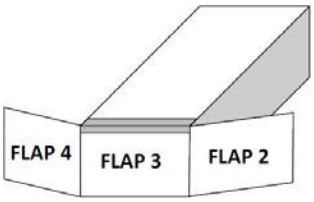
Cardboard boxes used to collect, store and ship linear fluorescent lights are assembled and sealed like other boxes, with one important exception: **All open flaps must be sealed closed with packing tape.** This requirement, the plastic liner and re-closable zip tie, minimize leakage, even if the lights shift or break during transport.

1. Start by unfolding the flattened box into a rectangular shape.

**Note:** All four flaps are full flaps.

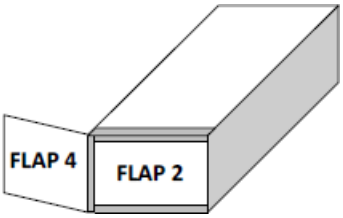



2. Fold Flap 1 and Flap 3 over the box opening.



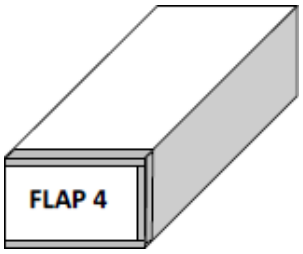

3. Affix two (2) strips of packing tape along the edge of the box where the flap is closed.

4. Fold Flap 2 over.




5. Affix two (2) strips of packing tape along each of three (3) edges of the box where the flap was closed.

6. Fold Flap 4 over.




7. Affix two (2) strips of packing tape along each of the three (3) edges of the box where the flap was closed.

8. Make sure all the open edges of the bottom of the box are securely taped up.

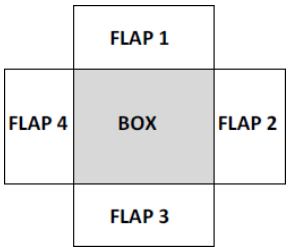
9. Open the plastic liner bag provided inside the box and fold the liner over the top end of the box.

*Upon completion of steps 1-9, the box is now ready for use.*

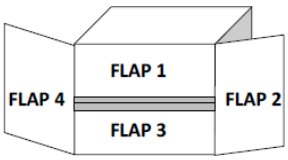
## Taping Method for Full Bulb Boxes

Cardboard boxes used to collect, store and ship CFL and HID lights are assembled and sealed like other boxes, with one important exception: **All open flaps must be sealed closed with packing tape.** This requirement, the plastic liner, and re-closable zip tie, minimize leakage, even if the lights shift or break during transport.

1. Once the box is full, open the flaps as shown (top view).

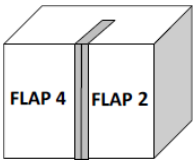



2. Fold Flap 1 and Flap 3 over the box opening until they meet in the middle.



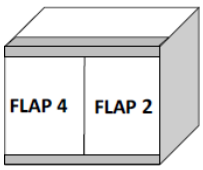

3. Affix two (2) strips of packing tape down the middle of the flaps.

4. Fold Flap 2 and Flap 4 until they meet in the middle.




5. Affix two (2) strips of packing tape down the middle of the flaps. Make sure that the strips of tape reach down the side of the box at least six (6) inches (15 cm).

6. Affix two (2) strips of packing tape along each of the box where the flaps were closed.

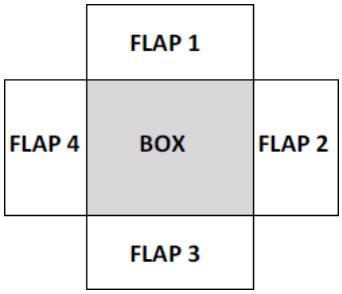


## Taping Method for Full Fluorescent Tube Boxes

Cardboard boxes used to collect, store, and ship linear fluorescent lights are assembled and sealed like other boxes, with one important exception: **All open flaps must be sealed closed with packing tape.** This requirement, the plastic liner, and re-closable zip tie minimize leakage, even if the lights shift or break during transport.

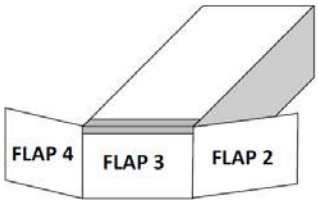
1. Once the box is full, open the flaps as shown (top view).

**Note:** All flaps are full flaps.



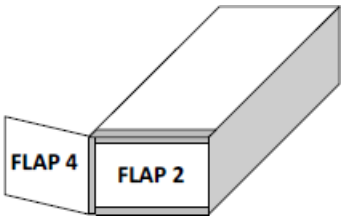

2. Fold Flap 1 and Flap 3 over the box opening.

3. Affix two (2) strips of packing tape along the edge of the box where the flap is closed.



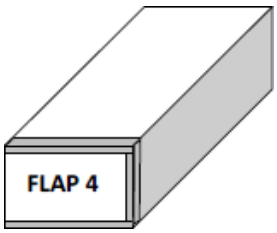

4. Fold Flap 2 (full flap) over.

5. Affix two (2) strips of packing tape along each of the three (3) edges of the box where the flap was closed.




6. Fold Flap 4 (full flap) over.

7. Affix two (2) strips of packing tape along each of the three (3) edges of the box where the flap was closed.



## PREPARING COLLECTED MATERIALS FOR TRANSPORT

The collected lights should be stored and packaged in a way that avoids breakage.

- Do not tape bulbs or tubes together or use rubber bands.
- Do not overfill containers.
- Close the liner bag securely with the re-closable zip tie and seal containers so that they will not leak, even if the contents shift or break during transport.
- Check that the box is structurally sound and has no evidence of damage.
- Seal boxes with packing tape in preparation for ship-out. Please see the Taping Methods above for both types of boxes.

## PREPARING AND ARRANGING FOR TRANSPORT

Timing: You should order a pick-up at least two weeks before all of your containers are full. Do not wait until you are down to your last empty box.

Before scheduling a pick-up, make sure that containers being shipped are sealed securely for transport. Transport vehicles that have been scheduled may not wait once they have arrived on location.

a. The carrier will arrive at your location with a Bill of Lading (BOL) to document the pick-up. It will already be completed with the number of pieces they are picking up.

b. Review the BOL for the pick-up. Confirm that it is complete and make any changes that are necessary. Double check these items to be sure they are correct:

   i. The number of boxes and category of materials they contain (i.e. fluorescent lights, CFLs or HIDs)

   ii. The Collection Location address

It is your responsibility to make sure that shipping information is correct.

## HOW TO ORDER A PICK UP

| Large Collection Locations | Small Collection Locations |
| --- | --- |
| Shipping fiber drums, pallet boxes or at least five boxes at a time.<br><br>To schedule a Pick-up use one of these two methods:<br><br>1. Log in at LightRecycleWA.org and complete the Schedule a Pick-up/Supply Order form.<br>2. Call EcoLights at (888) 214-2327 to arrange transportation or order supplies | Shipping less than five boxes at a time, using recycling kits that ship via FedEx.<br><br>Single boxes can be placed with other boxes that are being picked up by FedEx.<br><br>If no regular FedEx pick-up schedule is in place, schedule a pick-up through FedEx online at www.fedex.com or by calling (800) GO-FEDEX. |

# Section 4: Broken Lights at Your Collection Location

## RISKS

Mercury containing lights contain a small amount of mercury, which is toxic and can pose a threat to human health and the environment if the light is broken. A careful and prompt cleanup of broken lights will minimize exposure to staff, customers and the environment.

## Clean-up Procedure Web Pages:

*WA Department of Ecology Fluorescent Light Clean Up:*

*www.ecy.wa.gov/mercury/mercury_bulb_cleanup.html*

## BROKEN LIGHT CLEAN-UP KIT

The program will supply each collection location with a kit for cleaning up broken fluorescent or HID lamps. If you need replacement items, please complete the Schedule a Pick-up/Supply Order form at LightRecycleWA.org or call EcoLights at (877) 214-2327.

## CLEAN-UP PROCEDURE

Be careful not to break fluorescent bulbs. However, if a bulb breaks, do not panic; just follow these simple instructions:

Avoid breathing vapors or touching broken materials. Do not vacuum or sweep.

1. Open windows to vent vapors for at least 15 minutes. Leave the area during this time.
2. Use stiff paper or cardboard to pick up large pieces.
3. Use duct tape to pick up small pieces and powder.
4. Wipe the area clean with a damp paper towel or wet wipe.
5. Place all materials in an air-tight container, such as a plastic bag that is completely sealed with tape. Be sure to include the broken light and any items that were used to clean it up.
6. Place the sealed bag in a light collection box.  It will be processed for recycling.
7. Wash your hands.

# Section 5: Record Keeping and Reporting

## RECORD KEEPING

Maintain all records and documentation including applicable manifest, bill of lading, training records, and other data as required for a minimum of 2 years.

## REPORTING INCIDENTS OR FINES

Injuries to collection location staff are extremely rare. However, should they occur, the collection location will provide notice of the following to the program:

- Incidents of these types must be reported to LightRecycle Washington within 24-hours of the occurrence:
  - Injuries requiring the assistance from a Doctor or first responders
  - Incidents that are reported to OSHA (Occupational Safety and Health Administration)
- Any regulatory orders or fines within 48 hours of receiving such orders or fines

**LightRecycle Washington**
LightRecycleWA.org
info@LightRecycleWA.org
Phone: TBD

## Section 6: Training

Collection Locations are responsible for training employees in safe and effective program procedures. The program is designed to be self-directed, using this manual as a guideline.

This guideline is intended to provide practical guidance and best management practices for the handling and storing of products collected under the Washington Mercury-Containing Lights Product Stewardship Program. This guideline should be used by Collection Location managers to instruct staff in required program practices.

The practices described in this guideline are not intended to replace or relieve the location operator or staff of any standards, acts or regulations required under local, state or federal law.

MLRA accepts no responsibility and assumes no liability resulting from the incorrect use of information contained in this guideline or from the use of this information in any circumstances other than those described.

All collection location workers must understand these Guidelines and have a clear understanding of:

- The handling and management of lights including but not limited to:
  - Potential hazards and risks associated with handling lights
  - Proper and safe handling and packaging of lights
  - Ways to reduce risk
  - Safety and emergency procedures
- Broken light clean-up procedures
- The operations training program and policies/procedures set by the program
- The identification of program and non-program products
- The completion of proper shipping documentation and record keeping

Newly hired employees must be instructed on the information in these Guidelines before they are permitted to handle lights.

Collection Location Operators should schedule regular training sessions with staff members who have emergency response responsibilities. This will help keep staff informed and up to date on Program procedures.

## Appendix A – Collector Requirements

All authorized, LightRecycle Washington Collection Locations agree follow these Collector Requirements:

(1) Mercury-containing lights must be collected free of charge. Collection Locations cannot charge for lights that are dropped off and recycled through the LightRecycle Washington program.

(2) Collectors may not intentionally crush or process collected lights. All collected lights must be sent to the LightRecycle Washington authorized processor for recycling.

(3) Collectors must comply with the standards for collection small quantities of universal waste (WAC 173-303-573), as well as all other applicable laws, rules, and local ordinances. Collection Location guidelines provided by the Program will outline these responsibilities.

(4) As an approved collection location, you must:
(a) Staff the location during operating hours;
(b) Notify LightRecycle Washington of changes in hours and days of operation;
(c) Handle collected lights in a way that prevents releases of mercury to the environment;
(d) Have a mercury release response plan that describes the materials, equipment, and procedures to clean up broken lights. (LightRecycle Washington will provide you with one if you do not have one of your own.)
(e) Have a worker safety plan (provided by LightRecycle Washington) that describes safe handling procedures to protect worker health and safety;
(f) Package and ship collected lights using supplies provided by LightRecycle Washington. These supplies are designed to minimize the release of mercury into the environment by volatilization (or any other means) and reduce breakage.

(5) A collector must allow the Washington State Department of Ecology or LightRecycle Washington access for inspections to determine compliance with the Collection Location requirements.

(6) No entity may claim to be collecting mercury-containing lights for LightRecycle Washington unless the entity is registered with LightRecycle Washington as a collector and submits all collected mercury-containing lights to transporters and processors authorized by LightRecycle Washington.

(7) All Collection Location locations must maintain general liability insurance of at least $1,000,000 per occurrence. If requested by the Washington State Department of Ecology or LightRecycle Washington, the Collection Location must provide documentation indicating that the liability policy is in place with contact information for the insurance carrier or agent.

(8) Any collector found to be out of compliance with the collector requirements will have its participation in the program cancelled.

## Appendix B – Forms

- **PICK-UP REQUEST**
- **CONTAINER REQUEST**

# Pick-up Request

*Please email this form to: info@mercurylamprecyclers.org*

**DATE:** _____

**COLLECTION LOCATION NAME:** _____

**ADDRESS:** _____

_____

**PHONE:** _____ **FAX:** _____

**SHIPPING HOURS:** _____

**CONTACT PERSON:** _____

## TO BE PICKED UP:

| | Quantity |
|---|---|
| BULB BOXES (CFLs and HIDs) | _____ |
| 4' FLUORESCENT TUBE BOXES (8" x 8" x 48") | _____ |
| 8' FLUORESCENT TUBE BOXES (8" x 8" x 96") | _____ |
| Fiber Drum (length: _____) | _____ |

**SPECIAL SHIPPING INSTRUCTIONS:**

_____

_____

# Container Request

*Please email this form to: info@mercurylamprecyclers.org*

**DATE:** _____

**COLLECTION LOCATION NAME:** _____

**ADDRESS:** _____

_____

**PHONE:** _____ **FAX:** _____

**SHIPPING HOURS:** _____

**CONTACT PERSON:** _____

| **CONTAINERS REQUESTED:** | **QUANTITY** |
|---|---|
| BULB BOXES (CFLs and HIDs) | _____ |
| 4' FLUORESCENT TUBE BOXES (8" x 8" x 48") | _____ |
| 8' FLUORESCENT TUBE BOXES (8" x 8" x 96") | _____ |
| 4' Fiber Drum | _____ |

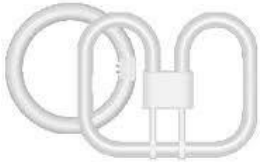
SPECIAL SHIPPING INSTRUCTIONS:

_____

_____

# Appendix C – Accepted and Not-Accepted Products List

The program includes all lamp mercury-containing lights including:

| Accepted Products |
|---|
| **Fluorescent Tubes - Straight/Linear** |
| Includes all diameters and light outputs in a straight/linear configuration. Can range in size from under 2 feet in length to 8 feet in length. |
| **Fluorescent Tubes - Curved/Circular** |
| Includes all diameters and light outputs in a curved/circular configuration (curved, square, U, etc.).  |
| **UV and Germicidal Lamps** |
| UV or germicidal lamps of all shapes and sizes. All base types including pin-type, screw-in, etc. |

## Accepted Products

### Compact Fluorescent Lamps (CFLs)

Fluorescent bulbs that are typically similar in size and intended to replace an incandescent (traditional) light bulb.

### High Intensity Discharge (HID) and Other

Includes these HID types: high pressure sodium, mercury vapor and metal halide. These lamps vary in size but are much larger than a typical bulb. In some cases, they can be as big, or bigger, than a football.

Pictures are shown as illustrative examples only and should not be considered an endorsement of any brand or supplier

## NOT Accepted – Non-Program Products

### Halogen and Incandescent- Bulbs

Filament lamps of all shapes, sizes and wattages. All base types including pin-type, screw-in, etc.

### Light Emitting Diodes (LED)

Solid-state lamps used for specialty purposes and conventional lighting applications. All base types including pin-type, screw-in, etc.

### Fixtures / Decorative Light Strings