1765 Duke Street | Alexandria, VA 22314 | thermostat-recycle.org

May 8, 2013

#### **VIA EMAIL**

Mr. Kevin Beer Pennsylvania Department of Environmental Protection Bureau of Waste Management Division of Hazardous Waste Management P.O. Box 69170 Harrisburg, PA 17106-9170

Subject: Thermostat Recycling Corporation's 2012 Annual Report

Dear Mr. Beer:

Attached is TRC's annual collection report for calendar year 2012. TRC has made its best effort to provide a comprehensive report on its efforts to promote the collection program in Pennsylvania and improve the program's environmental outcomes.

While results are encouraging, much work remains. Access to the program continues to improve and participation has increased dramatically. However, our ultimate success is still dependent on HVAC contractor participation.

TRC continues to aggressively market its program in Pennsylvania. We are working with HVAC wholesalers to increase the visibility of the program at their locations and will continue to push information about the program to HVAC contractors, technicians, homeowners, and others in the state.

TRC welcomes the opportunity to review this report with you and discuss our 2012 marketing efforts and plans for 2013. I may be reached at 571-447-4312 or by email at mark.tibbetts@thermostat-recycle.org.

Sincere Regards,

Mark Tibbetts Executive Director

#### **Collection Data**

Exhibit 1: 2012 Pennsylvania Collections by Brand

Exhibit 1. 2012 I chii	Number	Number	Total lbs
Brandholder	Thermostats	Switches	Mercury
Bard	19	29	0.18
Burnham Holdings	38	51	0.32
Carrier	588	1,284	7.96
Climate Master	55	180	1.12
Empire Comfort Systems	4	4	0.02
General Electric Corporation	82	230	1.43
Goodman Global	64	139	0.86
Grainger	10	10	0.06
Honeyw ell	7,547	9,894	61.34
Hunter Fan	2	2	0.01
Invensys	38	42	0.26
ITT Corporation	30	36	0.22
Lear Siegler	1	1	0.01
Lennox	385	671	4.16
Lux Products	52	74	0.46
Marley-Wylain Company	13	25	0.16
McQuay International	66	199	1.23
Nordyne Corporation	41	88	0.55
PSG Controls	69	168	1.04
Rheem	125	223	1.38
Sears Holdings	66	80	0.50
Taco, Inc.	1	1	0.01
Trane	454	991	6.14
Uponor, Inc.	4	4	0.02
White Rogers	965	1,236	7.66
York/Johnson Controls	462	919	5.70
NOM	279	463	2.87
Loose Switches	-	1,537	9.53
TOTAL	11,460	18,581	115.20

In 2012, TRC recovered 115.20 pounds of mercury from 11,460 intact mercury thermostats and 1,537 additional loose mercury switches from Pennsylvania collection locations for a total count of 12,493 thermostats (mercury thermostats recovered from Pennsylvania locations averaged 1.49 switches per thermostat in 2012).

TRC recovered 9,474 thermostats from HVAC wholesale distributor collection locations and 1,986 directly from HVAC contractors.

# Waste Mercury-Added Thermostat Management

Bins with waste mercury-switch thermostats are received at the fulfillment/processing center in Golden Valley, Minnesota. The facility is owned and operated by Honeywell International under contract with TRC.

Bins are received at the loading dock and sent to the TRC processing area. The bin and plastic liner are opened and the contents are identified, sorted, and tallied. The following data is recorded for each bin returned and processed: bin number, business name (location name), city, state, zip code, date

returned, number of thermostats and mercury switches by manufacturer and any non-conforming material.

The bin is returned to the location that sent it in with a new prepaid address label within 72 hours of receipt. The thermostats are stored and staged in a plastic lined carton in a storage area for final processing. The containers are dated and processed in order received, first in-first out.

The containers are returned from the storage area to the TRC processing area to have the mercury bulbs removed from the plastic housing. Universal Waste Regulations require the disposal of waste within 12 months of generation. TRC's processor requires that the disposal

occur within 6 months of generation and TRC follows the more stringent requirement. Small quantities of thermostats are removed from the container, which is then closed again, and placed at the bulb removal workstation on a tray that contains any potential mercury spillage. The bulbs are removed from the thermostats and placed into a 2 quart container at the work station. If a bulb breaks and the mercury spills, the work area is designed to contain the spillage and the operators are trained in the clean-up and disposal of mercury. The TRC processing area is equipped with special mercury vacuum cleaners and the work area is vacuumed at the end of the work day to assure that any spillage is cleaned up and not left to evaporate.

The 2 quart container is emptied into a special 55 gallon drum which is labeled and dated according to regulations. The drum is sealed with a band and is only opened when contents are being added to it. Special negative pressure venting assures any fumes are drawn away and vented when the drum is opened.

The 55 gallon drum is then shipped to Bethlehem Apparatus Corporation in Hellertown, Pennsylvania for final processing of the mercury ampoules (switches). Bethlehem Apparatus meets or exceeds all local, state, federal and EPA regulations for the management of the product. Bethlehem's approvals for mercury recovery/recycling include:

- EPA identification No. PAD002390961 (Bethlehem Apparatus Co., Inc.)
- EPA BDAT Requirement satisfied by all recovery operations
- CERCLA (Comprehensive Environmental Response Compensation and Liability Act)
- Pennsylvania Department of Environmental Protection

The facilities' processing follows all EPA guidelines and regulations. TRC has a facility license from Hennepin County Minnesota for the operation of the TRC. Honeywell, Inc. has a Hazardous Waste Generator license from Hennepin County. All persons who handle mercury thermostats as part of the TRC operation receive training in the handling of Hazardous Waste and Universal Waste.

## **Program Education and Outreach**

TRC marketing and promotion efforts targeted key audiences in Pennsylvania. Our objectives are to raise awareness of key components of Pennsylvania's mercury thermostat law and to encourage the recycling of waste mercury thermostats. Below is a summary of activities and channels we utilized in support of this effort.

**Development of Written Materials and Signage for Collection Points and Key Stakeholders**—TRC developed and posted on its website (<a href="www.thermostat-recycle.org">www.thermostat-recycle.org</a>) a Promotional Toolkit which contains templates of a number of items for collection points to download and reproduce.

In 2012, TRC added one new item to the toolkit: a vehicle sticker (See Exhibit 2) for HVAC contactors to promote their participation in the program. TRC maintains an inventory of these stickers and provides them to contractors at no-cost. They are distributed upon request, and at industry events.

**Wholesaler/HHW Engagement**—Pennsylvania's law requires manufacturers to avail collection containers to HVAC wholesale distributors, thermostat retailers, and local governments upon request.

In **May 2012,** TRC sent postcards to approximately 160 wholesale collection locations in Pennsylvania, the majority of which were wholesale distributors, reminding them to return TRC's containers if they had not done so within a year. The card also provided TRC's toll-free number and email address for additional information or to request replacement shipping labels and/or bin liners.

TRC repeated the mailing in **November 2012**, but to all locations for a total of over 200 pieces.

TRC exhibited at the **February 2012** Johnstone Supply annual meeting held in San Diego. Johnstone Supply is a buying cooperative and annually hosts an invitation-only trade show. TRC staff spoke directly with representatives from many of Johnstone's Pennsylvania locations during this event. TRC stressed the importance of participation and the potential regulatory consequences for not doing so.

**Exhibit 2: Example of New Print Collateral—Vehicle Cling Sticker** 



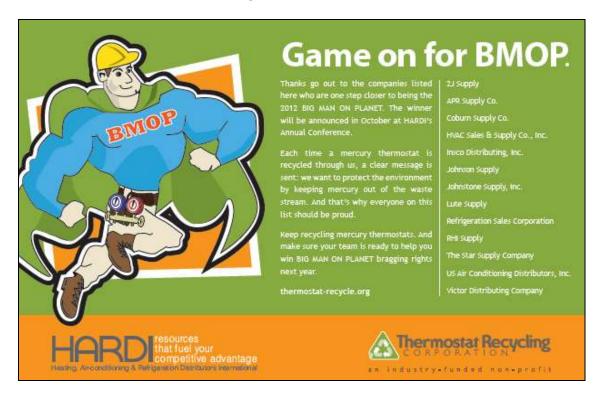
In partnership with the Heating, Air-Conditioning & Refrigeration Distributors International (HARDI), TRC re-launched the Mercury Thermostat Recycling Awards in May 2012. The award(s) are intended to incent participation in the program by recognizing the distributor(s) that recovered the most mercury thermostats and/or developed innovative strategies to promote the program at their branch location(s).

TRC made several changes following the inaugural 2011 program. To increase participation, TRC branded the award program as the *Big Man on the Planet* award and challenged distributors to, "be in it to win it!" TRC developed custom invitation cards and mailed them to the principals of the 300 plus HARDI members to solicit their participation in the award program. Email solicitations were also sent. To facilitate participation, TRC also printed and distributed custom window clings, counter cards, and flyers to participating locations.

To recognize participating distributors, TRC ran a ¼ page full-color advertisement in the **October 2012** edition of *Distribution Center Magazine*, which was also the "show" issue for the HARDI annual meeting.

The award was presented at HARDI's annual meeting in **October 2012.** 

Exhibit 3: Distribution Center Magazine BMOP Advertisement



#### Summary of Additional Education and Outreach by Channel

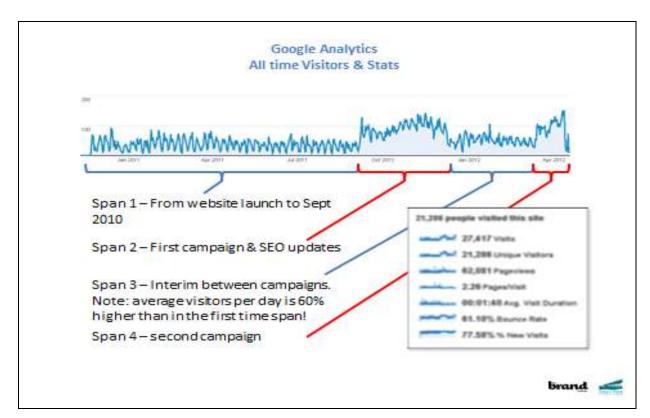
TRC conducted an array of activities intended to raise awareness of Pennsylvania's mercury thermostat disposal ban, mandatory HVAC contractor recycling, and the ease of compliance through TRC's collection program.

**Earned Media**—In 2012, TRC continued to enjoy positive and frequent coverage within the industry trade press. TRC issued a number of media releases and most were picked up, generating additional exposure for the program.

Notably, TRC continued to receive coverage in industry leading publications such as The Air Conditioning and Refrigeration News (110,000 circulation) and HVACR Business (circulation

30,000). HARDI ran a two-page article on the program in its *Conference Daily*, provided at nocost to all attendees of HARDI's annual meeting.

Website—Website traffic continued to grow in 2012. TRC has nearly doubled the monthly visitors to its site following a search engine optimization in fall 2011, along with other efforts to drive traffic to the site. Exhibit 4 below highlights the results of these efforts. In 2012, Pennsylvania accounted for approximately 6% of TRC's total website traffic, ranking only behind California, Illinois, and New York in terms of the number of visitors.



**Exhibit 4: Website Traffic Increase over Time** 

**Web-based advertising**— TRC continued the use of rotating banner advertisements in 2012, albeit with changes in scheduling and scope.

TRC ran web advertisements (Exhibit 5) on the websites *contractingbusiness.com* (160x600 skyscraper) and *hvac-talk.com* (300x250 medium rectangle) during the months of **September**, **October**, **November**, **and December** (four continuous months in 2012, as opposed to two consecutive months in the spring and fall in 2011). Together, the websites average over 2 million pages views and 340,000 unique visitors per month. HVAC-Talk.com, an online discussion community for HVAC technicians, boasts 145,000 registered users. HVAC-talk.com accounted for 5% of annual referral traffic to TRC's website.

HVAC-talk.com and contractingbusiness.com, published by Penton Media, Inc., serve a national audience. According to their 2013 media kit, 100% of subscribers specify, design, install/service

and/or make product selection for HVAC systems and equipment in residential, commercial, industrial, and institutional buildings.

TRC ran either a 120x600 skyscraper or 728x90 Leaderboard advertisements. The placement generated nearly 30,000 impressions as the newsletter experienced an open rate of over 40%. Copies of the newsletter remain available online continuing to earn TRC exposure.

Google AdWords— In 2011, TRC developed and deployed a Social Media strategy that leveraged the power of Google and the popularity of Facebook. This campaign, which ran from mid-September through early December, geo-targeted contractors and consumers in states with mercury thermostat disposal bans, including Pennsylvania, in an effort to create awareness and increase thermostat collections.

Exhibit 5: Web Banner Advertisement (300x250 fixed image version)



Ads and landing pages were developed with variable messages targeting both audiences. What made this campaign unique is the fact that it was targeted. Advertisements appeared on Google search results pages after an individual searched terms related to TRC's mission (E.g. thermostat replacement, contracting recycling regulations, mercury thermostat recycling, programmable thermostats, etc.). Similarly, the Facebook campaign targeted users over 18 who "like" industry-relevant topics or organizations (i.e. renovating, renovators, HVAC, HVAC Technicians, home repair, etc.).

In 2012, TRC continued to refine new media strategies to promote the program. TRC implemented a Google AdWord campaign in early spring of 2012 targeting states with mercury thermostat disposal bans, including Pennsylvania. The campaign yielded over 750,000 impressions with nearly 2,000 "clicks" and a click-through rate of 0.26% (a rate consistent with this type of campaign). The conversion rate on the landing page was quite high at 8.3% ("conversion" meaning a visitor clicked on the link to TRC's collection location search tool on the landing page). During the campaign, Pennsylvania visitors to TRC's website increased by 275%.

**Exhibit 6: Google "Landing Page:** 



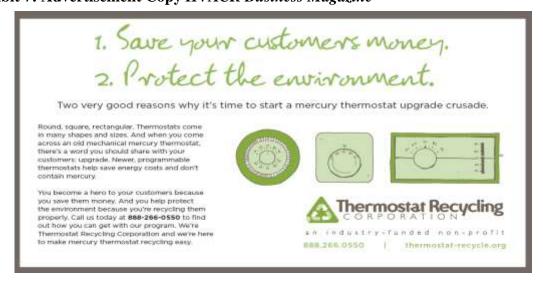
Print Advertisement HVACR Business Magazine— TRC placed a ½ page color advertisement in a special section on thermostats in the April addition.

The purpose of this placement was two-fold:

- 1) Continue to build upon brand/program awareness of other promotional campaigns
- 2) Accelerate the pace of mercury thermostat replacement by helping contractors recognize opportunities to generate additional revenues by proactively replacing older mechanical (mercury) thermostats.

HVACR Business is a national publication with approximately 30,000 qualified subscribers.

Exhibit 7: Advertisement Copy HVACR Business Magazine



**Tradeshows**—TRC attended and exhibited at the following trade shows relevant to Pennsylvania:

- **January 23 25:** AHR Expo. Chicago. AHR Expo is the largest national trade show for the HVACR industry. TRC staff exhibited and promoted the program to HVAC contractors, manufacturers, and distributors. The show had a total registered attendance of over 61,000.
- **February 21 23:** Johnstone Supply Annual Membership Meeting. San Diego, California. Johnstone Supply is a cooperative wholesaler distributor of HVAC parts and equipment with 350 locations nationwide. Johnstone's Annual Membership meeting is invitation only and TRC was invited to attend and exhibit as part of an ongoing effort with Johnstone's corporate staff to encourage and expand the cooperative's member's participation in the program. The event is well attended by owners and senior staff and it was a unique opportunity to engage directly with key decision makers.
- **March 5 7:** Indoor Air Expo. Las Vegas, Nevada. The show is a part of the Air Conditioning Contractors of America annual meeting. Approximately 700 attendees attended the event.
- May 21 23: National Association of Oil and Energy Service Professionals. Providence, Rhode Island. OESP's annual convention and trade show with a total of 1,964 attendees representing 309 individual service companies from 14 states. TRC again sponsored this show.
- **August 23:** APR Supply Vendor Show. Hersey, Pennsylvania. This was an invitation-only event sponsored by APR Supply. APR Supply is a leading HVAC wholesale distributor in Pennsylvania and the show attracts over 1,000 HVAC contractor attendees.
- **September 19 21:** Comfortech. Chicago, Illinois. Comfortech is a national tradeshow for owners and managers of residential and commercial HVACR, Hydronics/Plumbing contracting firms to see the latest products and equipment.
- **October 8 12:** ACCA Building Performance and Service Managers Forum. Austin, Texas. A week-long series of educational seminars focusing on building performance and service managers sponsored by the Air Conditioning Contractors of America. TRC exhibited and sponsored the registration bags.
- **October 6 9:** Heating, Air-Conditioning & Refrigeration Distributors International (HARDI). Orlando, Florida. TRC exhibited and participated in the "Booth Program," which provides for 1-on-1 sessions with senior executive staff from HARDI member companies. This event targeted representatives of approximately 80% of the wholesale market for HVACR products. TRC also presented its re-vamped "Big Man on the Planet Award."

**Direct Mail**— TRC started a direct mail campaign in Pennsylvania in 2012. TRC mailed a full-color postcard (see Exhibit 8) to the principals of approximately 5,000 Pennsylvania HVAC

contracting businesses in **April, May, September, and October**. TRC sourced the list of HVAC contractors from a commercial list supplier.

**Exhibit 8: Front & Back of Postcard** 



Miscellaneous Outreach—It is difficult to categorize and capture many of TRC's activities in a narrative based report. While paid placements and copy is easy to report, social media and other activities are more difficult to capture. Some good examples of "miscellaneous" outreach include:

## Drop mercury thermostats off at your local HVAC wholesaler.

That's all you have to do to make sure the thermostat is properly recycled. Next time you complete a job, hang onto the thermostats you remove and go to thermostat-recycle.org to find the drop-off site near you. The service is free and it helps us help you protect the environment.

Recycle thermostats through the TRC, it's smart and easy. Very easy indeed.



- TRC staff was invited by Honeywell International to present two webcasts through its 2012 "elearning LIVE schedule." The first was entitled "Thermostat Mercury Recovery an Easy way to be Green," and a second was entitled, "Understanding Health, Safety and Regulations in Managing Mercury Waste." Archived copies remain available on Honeywell's website at <a href="https://www.forwardthinking.honeywell.com/training/videos.html">www.forwardthinking.honeywell.com/training/videos.html</a>.
- TRC continued to encourage the placement of links to its website on member company
  websites and is pleased to report that links from members such as Honeywell,
  Emerson/White Rodgers, and Lennox are significant sources of referral traffic to TRC's
  website.
- TRC provided Honeywell rights for the use of its updated logo in product collateral. For example, the following was cut from product literature:



• TRC staff made considerable effort conducting direct outreach to senior management of HVAC wholesale distributors in an effort to 1) better integrate the program at their branch locations to ensure staff awareness of the program and program procedures and 2) leverage distributors' position in the channel to promote the availability of the program to their customers.

#### **Program Expenses**

TRC is a national voluntary program that is also operating nine mandatory programs on behalf of its manufacturer members. As most promotional activities are run concurrently in multiple states, tracking and isolating expenses specifically to Pennsylvania is not practical. Below is a summary of TRC's national program expenses for 2012. TRC expenses include:

- TRC Staff and Administration: Includes staff, office expenses, telecommunications, information technology, office supplies, office lease, and other administrative expenses. Includes staff labor costs to implement Pennsylvania program.
- Insurance: Pollution and liability insurance.
- TRC made \$47,166 in direct incentive payments on behalf of manufacturers as required by Maine and Vermont law. This does not reflect the administrative costs associated with the incentive program.
- Travel: All travel in 2012 and includes travel to trade shows to promote program.
- Recycling Costs: All costs (including labor) associated with transporting, processing, and properly managing waste thermostats. Also includes cost associated with fulfilling new bin orders and data entry of bin receipts.
- New Collection Containers: Direct cost for new containers ordered in 2011.
- Marketing/Outreach & Printing: Includes direct costs to develop and print program collateral; direct mail, national and state advertising, sponsorships, marketing consultants, some web consulting, and other outreach activities. Marketing/Outreach does not include any TRC labor costs.

### **Evaluation and Program Modifications**

Pennsylvania's thermostat law went into effect in January 2009. In comparison to the year prior to the law's passage, collections have increased by almost 100%.

In 2012, TRC missed its goal by approximately 500 units. TRC attributes these results in part to:

**Exhibit 9: 2012 Program Administrative Expenses** 

Program Component	TRC Program
TRC Staff and Administration <sup>†</sup>	\$246,162
Recycling Costs	335,613.25
Insurance	\$2,430
Statutory Incentive Payments	\$47,166
New Collection Containers	\$27,495
Travel	\$25,994
Legal	\$66,303
Direct Expense for Marketing &	
Outreach	\$169,840
Total (expenses)	\$921,004

- The record warmth of the winter of 2011/2012 impacted the sale of replacement HVAC equipment.
- 2011 returns were influenced by one-time events such as the recovery of horded product and an instance where a distributor shipped TRC its obsolete inventory of mercury thermostats.
- The installed base of mercury thermostats continues to decline and there are simply fewer to collect in 2012 than in 2011.

As such, TRC recommends no changes to program goals in 2013.

However, despite the slight decline in collections TRC also has several positives to report.

- HVAC wholesaler engagement continues to improve. Last year TRC was able to target specific distributors at the corporate level and effectively and efficiently engage them. Additionally, TRC found sending reminders to collection sites an effective strategy and will continue this tactic in 2013.
- TRC's new promotional materials have been well received and are effective. TRC has invested significant effort in building its brand and developing collateral that meets the needs of its collection points. TRC aggressively pushed its new cling sticker in 2012 along with its new posters. It is essential the program is visible at the collection points and we believe these materials are making it easy for distributors to promote the program.
- Participation in APR Supply's trade show was a big win for the program. TRC staff spoke with literally hundreds of HVAC contractors at the event.
- For the second year, TRC was able to leverage its brand presence at distributors with its adverting and direct mail. Over the course of the year, Pennsylvania HVAC contractors saw the same message multiple times across multiple channels.

**Exhibit 10: Program Goals** 

Base	7,018	% Increase
2010 Goal	9,500	35.37%
2011 Goal	12,000	35.62%
2012 Goal	13,000	14.25%
2013 Goal	14,000	14.25%
2014 Goal	15,000	14.25%
2015 Goal	15,500	7.12%
Cumulative	e Increase	120.86%

Looking forward in 2013 TRC's main priorities in Pennsylvania are:

- Building distributor support for the program. The program must be visible and actively promoted at HVAC wholesale distribution locations. TRC wants to see more bins returned from more locations in 2013.
- Educating contractors on the need to make recycling mercury thermostats a priority for their technicians. The message is every mercury thermostat, every time, by <u>all</u> a contractor's technicians.
- Increasing returns from HHW's. TRC staff has engaged with Professional Recyclers of Pennsylvania (PROP) in an effort to increase collections from local governments.

Some changes to the scope and expansion of activities include:

- Continuing direct mail to HVAC contractors 2013.
- Continuing to use a postcard reminding collection locations to ship TRC the bin. The objective is increase the frequency of returns, remind locations of the program (high staff turnover at locations affects continuity of operations), and improve the accuracy of TRC location database.
- Run the Google AdWords campaign for a longer duration.
- Expand the scope and frequency of advertising in HVAC trade press including finding regional publications read by Pennsylvania contractors.
- Targeting specific HVAC distributors on collaborative marketing efforts. This effort not only improves collections through specific distributors but creates competitive pressure within the industry incenting participation.
- Continue the use of a summer intern in 2013 that will, among other projects, work on addressing legacy data issues in the program's location database.
- TRC added staff at the start of 2013 by hiring a full-time marketing and communications person. This allows the program to expand both the scope of its marketing activities and also shift current staff to focus on program operations and customer support, including more active and constant contact with TRC's collection location partners.
- TRC has completed a series of training videos for both collection points (wholesalers) and contractors. Theses short videos (less than 3 minutes) are posted on TRC's website, Youtube, and other social media. They will be provided to HVAC technical training programs, wholesale distributors and HVAC industry trade groups. TRC also plans on distributing the videos on CD's at industry events and trade shows.

• TRC will more actively use social media as a means to engage with the HVAC industry and promote program participation and recognition.

APPENDIX D: 2012 THERMOSTAT RECOVERY TOTALS BY LOCATION (note—this report rolls all bin receipts into aggregate collections by each location with some exceptions)

Business Type	Company ID	Company Name	City	Number Thermostats	Number Thermostat Switches	Number Loose Switches	Total Switches	Total lbs Mercury
Contractor	737	BRANDYWINE VALLEY HEATING & A/C	WEST CHESTER	120	213	0	213	1.3206
Contractor	989	CLYDE S. WALTON, INC	LANSDALE	154	180	0	180	1.116
Contractor	1304	DIFILIPPOS SERVICE CO. INC	PAOLI	48	69	0	69	0.4278
Contractor	1419	F.F. KLING & SONS, INC.	MANCHESTER	97	107	0	107	0.6634
Contractor	2094	HANNABERY HVAC	ALLENTOWN	258	472	4	476	2.9512
Contractor	2174	HLAVATY PLUMB HEAT COOL	PINE GROVE	22	26	0	26	0.1612
Contractor	2197	HOMER NINE AND SONS	BEAVER	87	107	0	107	0.6634
Contractor	2206	HONEYWELL UTILITY SOLUTIONS	FOMBELL	627	722	199	921	5.7102
Contractor	3076	MOURAR'S HEATING & COOLING	PHOENIXVILLE	64	90	0	90	0.558
Contractor	4493	UGI HVAC	Lancaster	348	364	4	368	2.2816
Contractor	4891	WALTER A. DWYER INC.	AMBLER	161	204	0	204	1.2648
Wholesalers	300	APR SUPPLY COMPANY	LEBANON	147	274	0	274	1.6988
Wholesalers	1113	COMFORT SUPPLY INC	PITTSBURGH	73	86	2	88	0.5456
Wholesalers	5178	CONESTOGA SUPPLY	Lebanon	127	156	2	158	0.9796
Wholesalers	1364	EASTERN PENN SUPPLY CO.	ATHENS	35	35	0	35	0.217
Wholesalers	1396	EPSCO	SCRANTON	81	96	2	98	0.6076
Wholesalers	1399	EPSCO	WHITE MILLS	9	17	0	17	0.1054
Wholesalers	1475	FERGUSON ENTERPRISES, INC	LANSDALE	72	231	552	783	4.8546
Wholesalers	1920	GOODMAN DISTRIBUTION, INC.	KING OF PRUSSIA	12	21	0	21	0.1302
Wholesalers	1861	GOODMAN DISTRIBUTION, INC.	Allentown	39	56	0	56	0.3472
Wholesalers	1817	GOODMAN DISTRIBUTION, INC.	Sharon Hill	7	12	2	14	0.0868
Wholesalers	2243	HVAC DISTRIBUTORS, INC.	MOUNT JOY	514	796	2	798	4.9476
Wholesalers	2364	JOHN CIPOLLONE, INC.	HAVERTOWN	38	48	0	48	0.2976
Wholesalers	2409	JOHNSTONE SUPPLY #352	NORRISTOWN	19	36	1	37	0.2294

Wholesalers	2415	JOHNSTONE SUPPLY	READING	100	134	0	134	0.8308
Wholesalers	2449	JOHNSTONE SUPPLY CO	MONROEVILLE	65	74	0	74	0.4588
Wholesalers	2534	JOHNSTONE SUPPLY CO	PITTSBURGH	104	153	1	154	0.9548
Wholesalers	2478	JOHNSTONE SUPPLY CO	MONACA	100	151	0	151	0.9362
Wholesalers	2467	JOHNSTONE SUPPLY CO	BUTLER	43	54	0	54	0.3348
Wholesalers	2572	JOHNSTONE SUPPLY CO	WARMINSTER	54	68	0	68	0.4216
Wholesalers	2601	JOHNSTONE SUPPLY STORE 123	EASTON	20	67	4	71	0.4402
Wholesalers	2604	JOHNSTONE SUPPLY/CENTRAL ATLANTIC	COLMAR	197	288	1	289	1.7918
Wholesalers	2712	Lennox Industries Inc.	MIDDLETOWN	77	132	2	134	0.8308
Wholesalers	2772	Lennox Industries Inc.	BENSALEM	108	147	0	147	0.9114
Wholesalers	2778	Lennox Industries Inc. A117	West Chester	7	14	0	14	0.0868
Wholesalers	2835	Lukjan Supply & Mfg, Inc	Erie	44	50	0	50	0.31
Wholesalers	2840	Lyon Conklin Co Inc. 1140	Lancaster	85	133	2	135	0.837
Wholesalers	2847	Lyon Conklin Co Inc. 1892	Pittston	11	16	0	16	0.0992
Wholesalers	2865	LYON CONKLIN CO. INC. 2707	WEST CHESTER	44	67	38	105	0.651
Wholesalers	2916	MCCRUDDEN HEATING SUPPLY INC	WEST MIDDLESEX	69	92	0	92	0.5704
Wholesalers	2932	MEIER SUPPLY CO INC	ERIE	5	9	3	12	0.0744
Wholesalers	2935	MEIER SUPPLY CO INC	ALTOONA	14	22	0	22	0.1364
Wholesalers	3096	N & N Supply Co. Inc.	Philadelphia	10	15	0	15	0.093
Wholesalers	3145	Noland Co.	HANOVER	30	34	0	34	0.2108
Wholesalers	3250	PEIRCE-PHELPS, INC.	STATE COLLEGE	46	122	0	122	0.7564
Wholesalers	3254	PEIRCE-PHELPS, INC.	WILKES-BARRE	28	42	0	42	0.2604
Wholesalers	3255	PEIRCE-PHELPS, INC.	CAMP HILL	236	484	11	495	3.069
Wholesalers	3256	PEIRCE-PHELPS, INC.	NORRISTOWN	127	279	0	279	1.7298
Wholesalers	3258	PEIRCE-PHELPS, INC.	ALLENTOWN	88	129	0	129	0.7998
Wholesalers	3265	PENSTAN SUPPLY, DIV. OF HAJOCA CORP.	INDIANA	97	127	0	127	0.7874
Wholesalers	3350	R.E. MICHEL COMPANY	YORK	97	134	0	134	0.8308
Wholesalers	3509	R.E. MICHEL COMPANY, INC	HARRISBURG	349	705	0	705	4.371
Wholesalers	3443	R.E. MICHEL COMPANY, INC	STATE COLLEGE	88	121	0	121	0.7502
Wholesalers	3522	R.E. MICHEL COMPANY, INC	QUAKERTOWN	246	424	4	428	2.6536

Wholesalers	3526	R.E. MICHEL COMPANY, INC	LANCASTER	407	655	0	655	4.061
Wholesalers	3532	R.E. MICHEL COMPANY, INC	BETHEL PARK	239	287	0	287	1.7794
Wholesalers	3519	R.E. MICHEL COMPANY, INC	CARLISLE	82	125	2	127	0.7874
Wholesalers	3381	R.E. MICHEL COMPANY, INC	ERIE	357	431	2	433	2.6846
Wholesalers	3401	R.E. MICHEL COMPANY, INC	WILLIAMSPORT	71	80	1	81	0.5022
Wholesalers	3405	R.E. MICHEL COMPANY, INC	MEADVILLE	348	367	0	367	2.2754
Wholesalers	3406	R.E. MICHEL COMPANY, INC	ALTOONA	204	229	0	229	1.4198
Wholesalers	3390	R.E. MICHEL COMPANY, INC	UNIONTOWN	25	26	1	27	0.1674
Wholesalers	3583	R.E. MICHEL COMPANY, INC	WARRINGTON	547	795	2	797	4.9414
Wholesalers	3574	R.E. MICHEL COMPANY, INC	READING	123	157	0	157	0.9734
Wholesalers	3373	R.E. MICHEL COMPANY, INC	PITTSBURGH	116	128	0	128	0.7936
Wholesalers	3353	R.E. MICHEL COMPANY, INC	BROOMALL	297	362	0	362	2.2444
Wholesalers	3357	R.E. MICHEL COMPANY, INC	CHESTER	71	88	0	88	0.5456
Wholesalers	3596	R.F. FAGER CO.	CAMP HILL	180	349	94	443	2.7466
Wholesalers	3626	RE MICHEL CO	YORK	71	76	0	76	0.4712
Wholesalers	3630	READING FOUNDRY & SUPPLY CO	POTTSTOWN	82	115	0	115	0.713
Wholesalers	3694	RILEY SALES	PLYMOUTH MEETING	372	535	20	555	3.441
Wholesalers	3695	RILEY SALES	WEST CHESTER	168	326	46	372	2.3064
Wholesalers	3716	ROBERTSON HEATING SUPPLY CO.	WHEATLAND	124	165	0	165	1.023
Wholesalers	3717	Robertson Heating Supply Co.	Cranberry Twp.	121	157	384	541	3.3542
Wholesalers	3928	SID HARVEY INC.	HARRISBURG	99	146	2	148	0.9176
Wholesalers	3983	SID HARVEY INDUSTRIES	KING OF PRUSSIA	232	306	1	307	1.9034
Wholesalers	4169	SUMMERS & ZIM'S	ATGLEN	63	98	0	98	0.6076
Wholesalers	4284	THOS. SOMERVILLE CO.	CAMPHILL	98	164	86	250	1.55
Wholesalers	4311	TOM ANTONELLI INC	BRISTON	82	103	9	112	0.6944
Wholesalers	4441	TRANE PARTS CTR - ALLENTOWN 909	ALLENTOWN	31	73	0	73	0.4526
Wholesalers	4442	TRANE PARTS CTR - HARRISBURG 496	HARRISBURG	8	17	0	17	0.1054
Wholesalers	4587	UNITED REFRIGERATION	BROOMALL	96	111	0	111	0.6882
Wholesalers	4578	UNITED REFRIGERATION	HARRISBURG	110	198	26	224	1.3888
Wholesalers	4584	UNITED REFRIGERATION	PHILADELPHIA	53	100	0	100	0.62

Wholesalers	4557	UNITED REFRIGERATION	STATE COLLEGE	34	63	0	63	0.3906
Wholesalers	4563	UNITED REFRIGERATION	READING	235	434	8	442	2.7404
Wholesalers	4507	UNITED REFRIGERATION	PHILADELPHIA	200	338	4	342	2.1204
Wholesalers	4516	UNITED REFRIGERATION	ALLENTOWN	140	305	6	311	1.9282
Wholesalers	4627	United Refrigeration #14	Warminster	16	27	6	33	0.2046
Wholesalers	4636	United Refrigeration #35	Monroeville	2	4	1	5	0.031
Wholesalers	4669	UNITED REFRIGERATION #54	EXTON	71	165	0	165	1.023
Wholesalers	4681	United Refrigeration #7	King of Prussia	30	51	0	51	0.3162
Wholesalers	4859	VIRGINIA AIR DISTRIBUTORS	LEETSDALE	107	183	0	183	1.1346

**APPENDIX E:** Pennsylvania locations have requested or been provided recycling containers and last date of shipment

Business Type	Company Name	Street 1	City	Zip	Contact Phone	# Bins @ End of Year	Date Last Bin Received
Contractor	BOYLE BROS FUEL OIL, INC	40 W. MANOA RD	HAVERTOWN	19083	610-446-2444	1	
Contractor	COMMUNITY ACTION AGENCY OF DELAWARE COUNTY, INC	94 JANSEN AVENUE	ESSINGTON	19029	610-521-8770	2	
Contractor	DIFILIPPOS SERVICE CO. INC	13 RAILROAD AVENUE	PAOLI	19301	610-240-4789	2	2/28/2012
Contractor	DON HILLER PLUMBING & HEATING LLC	252 PROMPTON ROAD	HONESDALE	18431	570-253-2485	1	
Contractor	F.F. KLING & SONS, INC.	8 NORTH MAIN STREET	MANCHESTER	17345	717-266-5651	1	12/27/2012
Contractor	HANNABERY HVAC	200 SCHANTZ ROAD	ALLENTOWN	18104	610-366-9400	4	12/5/2012
Contractor	HLAVATY PLUMB HEAT COOL	86 E. POTTSVILLE ST.	PINE GROVE	17963	570-345-8665	1	12/11/2012
Contractor	HOMER NINE AND SONS	415 MULBERRY ST.	BEAVER	15009	724-774-4405	1	6/22/2012
Contractor	HONEYWELL UTILITY SOLUTIONS	195 HARTZELL SCHOOL ROAD	FOMBELL	16123	917-295-4189	5	10/30/2012
Contractor	MORVENT'S ONE HOUR HEATING & AIR CONDITIONING LLC	503 NORTH WALNUT ROAD	KENNETT SQUARE	19348	610-444-2088	0	
Contractor	MOURAR'S HEATING & COOLING	345 MORGAN ST	PHOENIXVILLE	19460	610-933-5845	1	2/17/2012
Contractor	SHIPLEY ENERGY	100 Kindig Lane	Hanover	17331	717 771 1927	1	
Contractor	SHIPLEY ENERGY	1894 York Road	Gettysburg	17325	717 771 1927	1	
Contractor	SHIPLEY ENERGY	550 E. KING STREET	YORK	17403	717 771 1927	1	
Contractor	SHIPLEY ENERGY	6 Stop 35 Plaza	Mifflintown	17059	717 771 1927	1	
Contractor	SHIPLEY ENERGY	604 East Locust St	Mechanicsburg	17055	717 771 1927	1	
Contractor	SHIPLEY ENERGY	9048 William Penn Hwy, Suite 9	Huntingdon	16652	717 771 1927	1	
Contractor	UGI HVAC	229 SHELLYLAND RD.	MANHAIM	17545	717-405-3160	2	10/24/2012
Contractor	WALTER A. DWYER INC.	152 S. MAIN ST.	AMBLER	19002	215-646-6700	1	11/8/2012
Contractor	CLYDE S. WALTON, INC	400 SOUTH BROAD STREET	LANSDALE	19446		2	10/30/2012
Contractor	BRANDYWINE VALLEY HEATING & A/C	917 OLD FERN HILL RD., SUITE 300	WEST CHESTER	19380	610-692-3900	2	6/25/2012
Contractor	BRINKER FUELS	445 N. WEST ST	DOYLESTOWN	18901	215-348-2670	1	
Contractor	DELCHESTER OIL	841 LINCOLN AVENUE	WEST CHESTER	19380	610-692-3366	3	

Contractor	LEHIGHTON OIL & HEAT	533 E. PENN ST.	LEHIGHTON	18235	610-377-1234	1	
HHW	CHESTER COUNTY SOLID WASTE						
Facility	AUTHORITY	7224 DIVISION HIGHWAY	NARVON	17555	610-273-3771	1	
HHW						_	
Facility	DAUPHIN COUNTY RECYCLING CENTER	1620 S. 19TH STREET	HARRISBURG	17104	717 982 6239	2	
HHW	DELAWARE COUNTY SOLID WASTE AUTHORITY	1521 N. PROVIDENCE ROAD	MEDIA	10062	610-892-9627		
Facility HHW	INTERSTATE WASTE SERVICES, INC - FOR	1521 N. PROVIDENCE ROAD	MEDIA	19063	010-892-9027	1	
Facility	NORTHERN LANDFILL	135 VAUGHN ROAD	SHIPPENSBURG	17257	717-423-5917	1	
HHW	LANCASTER COUNTY SOLID WASTE	133 VIIICOIN (NOID	SINTERSECTO	1,23,	717 123 3317	-	
Facility	MANAGEMENT AUTHORITY	1299 HARRISBURG PIKE	LANCASTER	17603	717-397-9968	2	
HHW		1430 DEKALB STREET 5TH			610-278-3045		
Facility	MONTGOMERY COUNTY	FLOOR	NORRISTOWN	19404	X2715	2	
HHW					717-533-2057	_	
Facility	TOWNSHIP OF DERRY	650 CLEARWATER ROAD	HERSHEY	17033		1	
HHW	WASTE SYSTEM AUTHORITY OF	1420 DEVALD CEDEET	MODDCTOWN	10401	610-278-3045	1	
Facility	MONTGOMERY COUNTY	1430 DEKALB STREET	NORRSTOWN	19401	X2715	1	
Retailers	ACE HARDWARE OF THORNDALE	3227 E. LINCOLN HIGHWAY	THORNDALE	19372	610-380-3530	1	
Retailers	BRANDYWINE ACE HARDWARE	1150 POCOPSON ROAD	WEST CHESTER	19382	610-793-3080	1	
Retailers	RE-SOURCE YORK	235 N. BEAVER ST.	YORK	17401	717 852-7574	1	
Retailers	RE-SOURCE YORK	405 CARLISLE AVE	YORK	17403	717 718-3182	1	
Retailers	the Hardware Store	16 Paoli Shopping Center	Paoli	19301	610-644-2013	1	
Wholesalers	Lennox Industries Inc. A117	540 East Unions St., Suites A&B	West Chester	19382	484-639-5085	1	12/27/2012
Wholesalers	Lennox Industries Inc. A140	110 Parkway View Drive	Pittsburgh	15205	412-489-9170	1	
Wholesalers	R.E. MICHEL COMPANY	3560 GILLESPIE DRIVE	YORK	17404	717-792-5500	1	3/27/2012
Wholesalers	CONESTOGA SUPPLY	517 N 2ND AVE	Lebanon	17046		1	12/27/2012
Wholesalers	ABCO REFRIGERATION SUPPLY	12600 TOWNSEND RD.	PHILADELPHIA	19154	215-673-2300	1	
Wholesalers	ABCO REFRIGERATION SUPPLY	801 N. CALLOHILL ST.	PHILADELPHIA	19123	215-922-0200	1	
Wholesalers	ALTEMOS/ATLANTIC FUEL	1046 NO. QUEBEC ST.	ALLENTOWN	18109	610-821-8500	1	
Wholesalers	APR SUPPLY COMPANY	749 WEST GUILFORD STREET	LEBANON	17046	717-274-5999	2	6/11/2012
Wholesalers	BAHAVIO PLUMBING HEATING & COOLING	640 SNYDER AVE - SUITE M	WEST CHESTER	19382	610-692-7960	2	
Wholesalers	Binghamton Hardware & HVAC	675 Rose Street	Williamsport	17701	570-327-6887	1	
Wholesalers	Binghamton Hardware & HVAC	627 Main Street	Sugar Notch	18706	570-824-7141	1	
Wholesalers	Binghamton Hardware & HVAC	220 King Street	East Stroudsburg	18301	570-730-4900	1	

Wholesalers	Boyertown Supply Inc.	7918 Boyertown Pike	Boyertown	19512	610 367-2865	1	
Wholesalers	BURKE WHOLESALE	1077 MILLION DOLLAR HIGHWAY	ST. MARYS	15857	814-781-1519	1	
Wholesalers	CENTRAL ATLANTIC	1000 BETHLEHEM PIKE	COLMAR	18915	215-997-9002	1	
Wholesalers	CENTRAL ATLANTIC	2035 E. GLENWOOD AVE.	PHILADELPHIA	19124	215-535-2919	1	
Wholesalers	CENTRAL ATLANTIC	2578 INDUSTRY LANE	NORRISTOWN	19403	610-539-7400	1	
Wholesalers	CHARLES F. REICHERT, INC	4931 N. 6TH STREET	PHILADELPHIA	19120	215 329-4200	1	
Wholesalers	COMFORT SUPPLY INC	150 KISOW DRIVE	PITTSBURGH	15205	412-921-6600	1	3/19/2012
Wholesalers	DECRISTO INC.	9070 ROUTE 414	CANTON	17724	570-364-5555	1	
Wholesalers	EASTERN PENN SUPPLY CO.	243 W. PINE ST.	ATHENS	18810	570-888-5814	1	6/12/2012
Wholesalers	ENERGY EQUIP & CONT INC	495 BUSINESS PARK LANE	ALLENTOWN	18103	610-437-9715	1	
Wholesalers	EPSCO	1892 WEST FRONT STREET	BERWICK	18603	570 752 9044	1	
Wholesalers	EPSCO	251 LLOYD STREET	ALLENTOWN	18103	610 437 3537	1	
Wholesalers	EPSCO	2655 SR 45	MONTANDON	17850	570 524 6323	1	
Wholesalers	EPSCO	395 COAL STREET	WILKES-BARRE	18702	570 824 9812	1	
Wholesalers	EPSCO	400 S. WASHINGTON AVENUE	SCRANTON	18505	570 253 6700	1	6/8/2012
Wholesalers	EPSCO	55 WEST STREET	TUNKHANNOCK	18657	570 996 0750	1	
Wholesalers	EPSCO	700 SCOTT STREET	WILKE-BARRE	18705	570 823 1181	1	
Wholesalers	EPSCO	ROUTE 6	WHITE MILLS	18473	570 253 6700	1	8/17/2012
Wholesalers	EPSCO	ROUTE 611 NORTH	STROUDSBURG	18360	570 424 6161	1	
Wholesalers	FERGUSON ENTERPRISES, INC	1116 LONGFORD ROAD	OAKS	19456	610-935-6660	2	
Wholesalers	FERGUSON ENTERPRISES, INC	200 SOUTH CHESTNUT STREET	LANSDALE	19446	215-368-5226	2	2/17/2012
Wholesalers	FOLCARELLI SUPPLY CO. BRANCH 1	4141 6TH AVE.	ALTOONA	16602	814-943-0287	1	
Wholesalers	FOLCARELLI SUPPLY CO. BRANCH 2	2929 STEWART DRIVE	STATE COLLEGE	16801	814-237-1368	1	
Wholesalers	FOLCARELLI SUPPLY CO. BRANCH 3	20 Matthew ST.	JOHNSTOWN	15901	814-539-6084	1	
Wholesalers	FRIEDMAN ELECTRIC SUPPLY COMPANY	1321 WYOMING AVENUE	EXETER	18643	570-654-3371	15	
Wholesalers	GBG SUPPLY	1525 BEAVER AVENUE	PITTSBURGH	15233	412-321-8300	1	
Wholesalers	GOODMAN DISTRIBUTION, INC.	114 Henderson Drive, Suite 115	Sharon Hill	19079	610-461-4919	1	3/26/2012
Wholesalers	GOODMAN DISTRIBUTION, INC.	212 Cascade Drive	Allentown	18109	610-266-4080	1	8/1/2012
Wholesalers	GOODMAN DISTRIBUTION, INC.	2191 Hornig Road, Suite 1	Philadelphia	19116	215-969-5056	1	

Wholesalers	GOODMAN DISTRIBUTION, INC.	480 SHOEMAKER ROAD, SUITE 106	KING OF PRUSSIA	19406	610-265-2700	1	4/10/2012
Wholesalers	GOODMAN DISTRIBUTION, INC.	540 Industrial Dr	Lewisberry	17339	717-938-0800	1	
Wholesalers	HAJOCA CORPORATION	1005 E. BOUNDARY AVENUE	YORK	17403	717 848-6688	1	
Wholesalers	HAJOCA CORPORATION	1550 BOBALI DRIVE	HARRISBURG	17104	717-939-9800	1	
Wholesalers	HAJOCA CORPORATION	549 So. Hazle St.	Hazleton	18201	570 455-9478	1	
Wholesalers	HVAC DISTRIBUTORS, INC.	2 OLD MARKET STREET	MOUNT JOY	17552	717-653-6674	2	11/27/2012
Wholesalers	JOHN CIPOLLONE, INC.	600 DARBY ROAD	HAVERTOWN	19083	610-446-7877	1	6/5/2012
Wholesalers	JOHNSON CONTROLS	100 SCHELL LANE	PHOENIXVILLE	19403		1	
Wholesalers	JOHNSONE SUPPLY #352	2578 INDUSTRY LANE	NORRISTOWN	19403	610-539-7400	1	11/20/2012
Wholesalers	JOHNSTONE SUPPLY	2221 SYCAMORE STREET	HARRISBURG	17111	717-233-7593	1	
Wholesalers	JOHNSTONE SUPPLY	2300-A NORTH FIFTH ST	READING	19606	610-363-3665	1	10/5/2012
Wholesalers	JOHNSTONE SUPPLY #366	1628 ROSEY TOWN ROAD	GREENSBURG	15601	724 775 8041	1	
Wholesalers	JOHNSTONE SUPPLY CO	1006 SECO RD	MONROEVILLE	15146	412 373 6360	1	12/10/2012
Wholesalers	JOHNSTONE SUPPLY CO	127 ONEIDA VALLEY ROAD	BUTLER	16001	724 283 9100	1	6/4/2012
Wholesalers	JOHNSTONE SUPPLY CO	1548 PENNSYLVANIA AVE	MONACA	15061	724-775-8041	1	4/9/2012
Wholesalers	JOHNSTONE SUPPLY CO	3140 SASSAFRASWAY	PITTSBURGH	15201	412 690 2388	1	
Wholesalers	JOHNSTONE SUPPLY CO	3470 BABCOCK BLVD	PITTSBURGH	15237	412 367 8040	1	12/5/2012
Wholesalers	JOHNSTONE SUPPLY CO	4700 B WISSAHICKON AVE.	PHILADELPHIA	19144	215-849-5755	2	
Wholesalers	JOHNSTONE SUPPLY CO	5407 PROGRESS BLVD	BETHEL PARK	15102	412 831 8188	1	
Wholesalers	JOHNSTONE SUPPLY CO	73 ASH CIRCLE	WARMINSTER	18974	315-675-8585	2	6/13/2012
Wholesalers	JOHNSTONE SUPPLY STORE 123	2609 DEARBORN STREET	EASTON	18045	610-258-5651	1	6/29/2012
Wholesalers	JOHNSTONE SUPPLY/CENTRAL ATLANTIC	1000 BETHLEHEM PIKE	COLMAR	18915	610-539-7400	1	8/22/2012
Wholesalers	Lennox Industries Inc.	1400 AIP DRIVE SUITE 400	MIDDLETOWN	17057	717-948-7940	2	12/26/2012
Wholesalers	Lennox Industries Inc.	517 THOMSON PARK DRIVE	CRANBERRY TWP	16066	724-772-5260	2	
Wholesalers	Lennox Industries Inc.	518 THOMPSON PARK DRIVE, #400	CRANBERRY TOWNSHIP	16066	724-772-5240	2	
Wholesalers	Lennox Industries Inc.	855 DUNKS FERRY ROAD	BENSALEM	19020	215-245-1330	2	12/18/2012
Wholesalers	Lukjan Supply & Mfg, Inc	4364 West Ridge Road	Erie	16506	814-838-1328	2	12/7/2012
Wholesalers	Lyon Conklin Co Inc. 1140	499 Running Pump Road,	Lancaster	17601	717-293-1901	1	3/19/2012
Wholesalers	Lyon Conklin Co Inc. 1892	140-144 Centerpoint Boulevard	Pittston	18640	570-883-3870	2	9/11/2012

Wholesalers	Lyon Conklin Co Inc. 435	133 Hartman Road	North Wales	19454	215-283-9003	2	
Wholesalers	LYON CONKLIN CO. INC 1140	499 RUNNING PUMP ROAD, STE 101	LANCASTER	17601	717-293-1901	1	
Wholesalers	LYON CONKLIN CO. INC. 2707	317 WESTTOWN ROAD, SUITE 1	WEST CHESTER	19382	610-918-3801	2	7/25/2012
Wholesalers	MCCRUDDEN HEATING SUPPLY INC	14 FAIR ST.	WEST MIDDLESEX	16159	724-528-0169	1	3/21/2012
Wholesalers	MEIER SUPPLY CO INC	109 MIDDLE STREET	SCRANTON	18508	570-346-1565	1	
Wholesalers	MEIER SUPPLY CO INC	12 RUDDLE STREET	WILKES-BARRE	18702	570-824-8779	1	
Wholesalers	MEIER SUPPLY CO INC	2031 WEST 12TH STREET	ERIE	16505	814-459-4559	1	6/18/2012
Wholesalers	MEIER SUPPLY CO INC	2098 W MAIN SUITE 3	STROUDSBURG	18360	570-424-5724	1	
Wholesalers	MEIER SUPPLY CO INC	2359 WOODLAWN STREET	HARRISBURG	17104	717-558-0828	1	
Wholesalers	MEIER SUPPLY CO INC	2810 PLEASANT VALLEY	ALTOONA	16602	814-941-7617	1	6/7/2012
Wholesalers	MEIER SUPPLY CO INC	290 HIGH STREET	HANOVER	17331	717-630-8833	1	
Wholesalers	MEIER SUPPLY CO INC	757 ARNOLD STREET	WILLIAMSPORT	17701	570-323-4606	1	
Wholesalers	MEIER SUPPLY CO INC	827 N MEADOW STREET	ALLENTOWN	18102	610-437-9818	1	
Wholesalers	MEIER SUPPLY CO.	290 HIGH ST.	HANOVER	17331	717-630-8833	1	
Wholesalers	N & N Supply Co. Inc.	5909-17 Ditman Street	Philadelphia	19135	215 535-7068	1	6/7/2012
Wholesalers	NATIONAL ENERGY CONTROL CORP	312 DARBY ROAD	HAVERTOWN	19083	610-449-9800	1	
Wholesalers	Noland Co.	640 Boundary Avenue	HANOVER	17331	717 637-5959	1	6/8/2012
Wholesalers	NORTHEASTERN TRANE PARTS CENTER	421 N. PA AVE.	WILKES-BARRE	18702	570-819-0337	1	
Wholesalers	PEIRCE-PHELPS, INC.	10551 DECATUR RD.	PHILADELPHIA	19154	215-879-7002	1	
Wholesalers	PEIRCE-PHELPS, INC.	2000 N. 59TH STREET	PHILADELPHIA	19131	215-879-7000	1	
Wholesalers	PEIRCE-PHELPS, INC.	2251 INDUSTRIAL HWY.	YORK	17402	717-840-8875	1	
Wholesalers	PEIRCE-PHELPS, INC.	230 EXECUTIVE DR., STE. 127	CRANBERRY TOWNSHIP	16066	724-742-1650	1	
Wholesalers	PEIRCE-PHELPS, INC.	2551A CAROLEAN INDUSTRIAL DR.	STATE COLLEGE	16801	814-231-1280	1	7/18/2012
Wholesalers	PEIRCE-PHELPS, INC.	360 STEEL WAY	LANCASTER LANCASTER	17601	717-295-8330	1	7/18/2012
Wholesalers	PEIRCE-PHELPS, INC.	43 CONYNGHAM AVE.	WILKES-BARRE	18702	570-823-3146	1	6/4/2012
Wholesalers	PEIRCE-PHELPS, INC.	490 SAINT JOHNS CHURCH RD.	CAMP HILL	17011	717-761-0240	1	10/26/2012
Wholesalers		603 GENERAL WASHINGTON	CANVII THEE	1/011	,17-701-0240	1	10/20/2012
Wholesalers	PEIRCE-PHELPS, INC.	AVE	NORRISTOWN	19403	610-666-8000	3	12/18/2012
Wholesalers	PEIRCE-PHELPS, INC.	914 MARCON BLVD., STE. 101	ALLENTOWN	18109	610-266-5744	1	5/29/2012

Wholesalers	PENSTAN SUPPLY, DIV. OF HAJOCA CORP.	1050 PHILADELPHIA ST.	INDIANA	15701	724-463-3587	1	12/5/2012
Wholesalers	R.E. MICHEL COMPANY, INC	10 LEONBERG ROAD	CRANBERRY TOWNSHIP	16066	724-776-0736	2	
Wholesalers	R.E. MICHEL COMPANY, INC	1000 SUSSEX BLVD.	BROOMALL	19008	610-328-2139	2	6/25/2012
Wholesalers	R.E. MICHEL COMPANY, INC	1028 MORTON AVE	CHESTER	19013	610-872-9420	1	
Wholesalers	R.E. MICHEL COMPANY, INC	1028 MORTON AVENUE	CHESTER	19013	610-872-9420	1	7/12/2012
Wholesalers	R.E. MICHEL COMPANY, INC	123 26TH STREET	PITTSBURGH	15222	412-261-6213	2	12/10/2012
Wholesalers	R.E. MICHEL COMPANY, INC	1302 MYRTLE STREET	ERIE	16501	814-453-6664	4	2/3/2012
Wholesalers	R.E. MICHEL COMPANY, INC	133 CANNELL DRIVE	SOMERSET	15501	814-445-6531	2	
Wholesalers	R.E. MICHEL COMPANY, INC	140 W. BERKELEY ST	UNIONTOWN	15401	724-438-4506	2	12/12/2012
Wholesalers	R.E. MICHEL COMPANY, INC	160 N. RICHARD STREET	BEDFORD	15522	814-623-7257	2	
Wholesalers	R.E. MICHEL COMPANY, INC	1699 FREDERICK AVENUE	WILLIAMSPORT	17701	570-321-7166	2	10/23/2012
Wholesalers	R.E. MICHEL COMPANY, INC	177 MERCER STREET	MEADVILLE	16335	814-724-8046	2	7/31/2012
Wholesalers	R.E. MICHEL COMPANY, INC	1807 9TH AVENUE	ALTOONA	16602	814-942-6600	2	5/24/2012
Wholesalers	R.E. MICHEL COMPANY, INC	2250 MANOR AVENUE	UPPER DARBY	19082	610-853-4570	2	
Wholesalers	R.E. MICHEL COMPANY, INC	2315 AVE A	BETHLEHEM	18017	610-434-6054	2	
Wholesalers	R.E. MICHEL COMPANY, INC	2420 COMMERCIAL BLVD	STATE COLLEGE	16801	814-234-1134	1	3/21/2012
Wholesalers	R.E. MICHEL COMPANY, INC	2588 INDUSTRY LANE STE 100	NORRISTOWN	19403	610-631-2182	1	
Wholesalers	R.E. MICHEL COMPANY, INC	322 WEST TOWN RD.	WEST CHESTER	19380	610-692-2966	3	
Wholesalers	R.E. MICHEL COMPANY, INC	333 E. HUNTING PARK AVE.	PHILADELPHIA	19124	215-426-4500	2	
Wholesalers	R.E. MICHEL COMPANY, INC	3560 GILLESPIE DRIVE	YORK	17404	717-792-5500	2	
Wholesalers	R.E. MICHEL COMPANY, INC	405 GILLIGAN STREET	SCRANTON	18508	570-963-7881	2	
Wholesalers	R.E. MICHEL COMPANY, INC	421-D AMITY ROAD	HARRISBURG	17111	717-236-4571	4	12/4/2012
Wholesalers	R.E. MICHEL COMPANY, INC	43 CONYNGHAM AVE	WILKES-BARRE	18702	570-829-0383	2	
Wholesalers	R.E. MICHEL COMPANY, INC	452 ALLEN RD.	CARLISLE	17015	717-240-0008	2	1/30/2012
Wholesalers	R.E. MICHEL COMPANY, INC	461 NORTH WEST END BLVD.	QUAKERTOWN	18951	(215) 529- 0572	4	9/25/2012
Wholesalers	R.E. MICHEL COMPANY, INC	511 W. ROSEVILLE RD.	LANCASTER	17601	717-393-1791	3	8/21/2012
Wholesalers	R.E. MICHEL COMPANY, INC	5384 ENTERPRISE BLVD.	BETHEL PARK	15102	412-835-5500	1	8/22/2012
Wholesalers	R.E. MICHEL COMPANY, INC	611 WEST LLOYD STREET	EBENSBURG	15931	814-472-7190	2	
Wholesalers	R.E. MICHEL COMPANY, INC	700 SECO ROAD	MONROEVILLE	15146	412-373-1434	2	

Wholesalers	R.E. MICHEL COMPANY, INC	845 WILLIAMS LANE	READING	19604	610-929-3373	2	1/11/2012
Wholesalers	R.E. MICHEL COMPANY, INC	915 EASTON ROAD	WARRINGTON	18976	215-343-2004	2	12/28/2012
Wholesalers	R.E. MICHEL COMPANY, INC	RD 6 BX 518 WOODWARD RD	GREENSBURG	15601	724-836-7646	2	
Wholesalers	R.E. MICHEL COMPANY, INC	RR3 BOX 144C SHAFFER ROAD, WHSE C	DUBOIS	15801	814-371-5717	2	
Wholesalers	R.F. FAGER CO.	2058 STATE ROAD	CAMP HILL	17011	717-761-0660	1	12/26/2012
Wholesalers	R.F. FAGER CO.	3901D DERRY ST.	HARRISBURG	17111	717 564 1166	1	
Wholesalers	R.F. FAGER CO.	816R MCALLISTER ST.	HANOVER	17331	717 632 0560	1	
Wholesalers	RE MICHEL CO	3560 GILLESPIE DRIVE	YORK	17504	717-792-5500	1	3/27/2012
Wholesalers	READING FOUNDRY & SUPPLY CO	103 SOUTH MADISON STREET	POTTSTOWN	19464		1	9/25/2012
Wholesalers	RILEY SALES	1660 EAST RACE ST	ALLENTOWN	18109	NONE LISTED	1	
Wholesalers	RILEY SALES	1719 ROMANO DR.	PLYMOUTH MEETING	19462	NONE LISTED	5	6/25/2012
Wholesalers	RILEY SALES	887 S. MATLACK ST.	WEST CHESTER	19382	NONE LISTED	1	12/17/2012
Wholesalers	ROBERTSON HEATING SUPPLY CO.	10 MILL STREET	WHEATLAND	16161	724-347-3774	1	12/7/2012
Wholesalers	Robertson Heating Supply Co.	1245 Freedom Rd.	Cranberry Twp.	16066	(724) 772- 3855	1	11/14/2012
Wholesalers	Robertson Heating Supply Co.	385 S. Oakland Ave	Sharon	16146	330-821-9180	1	
Wholesalers	Robertson Heating Supply Co.	84 STEWART AVE.	WASHINGTON	15301	330-821-9180	1	
Wholesalers	Robertson Heating Supply Co.	952 Noblestown Rd.	Pittsburgh	15205	(412) 922- 0500	1	
Wholesalers	Robertson Heating Supply Co.	952 Noblestown Road	Pittsburgh	15205	330-821-9180	1	
Wholesalers	SCOTT ELECTRIC	1000 SOUTH MAIN STREET	GREESBURG	15601	800-442-8045 x1552	1	
Wholesalers	SCOTT ELECTRIC	1840 EAST 10TH STREET	ERIE	16511	877-844-0777	1	
Wholesalers	SCOTT ELECTRIC	39TH & BUTLER STREET	PITTSBURGH	15201	800-388-2232	1	
Wholesalers	SCOTT ELECTRIC	JCT. 22 & 220 & WYE SWITCHES, PO BOX 660	DUNCANSVILLE	16635	800-252-3530	1	
Wholesalers	SID HARVEY INC.	725 S. 22ND ST.	HARRISBURG	17104	717-564-7181	1	7/11/2012
Wholesalers	Sid Harvey Industries	10 READSHAW WAY	PITTSBURGH (SOUTH HILLS)	15236	412-881-5220	1	
Wholesalers	Sid Harvey Industries	1052 HANOVER ST.	WILKES BARRE	18706	570-822-4795	1	
Wholesalers	Sid Harvey Industries	1124 ROOSEVELT AVE.	YORK	17404	717-843-4213	1	

Wholesalers	Sid Harvey Industries	1155 MID-VALLEY DR.	OLPHANT (SCRANTON)	18447	570-487-2186	1	
Wholesalers	SID HARVEY INDUSTRIES	1206 N. PLYMOUTH ST.	ALLENTOWN	18109	610-435-9017	1	
Wholesalers	Sid Harvey Industries	125 EAST AVE	WELLSBORO	16901	570-723-1200	1	
Wholesalers	Sid Harvey Industries	1393 FREY RD	PITTSBURGH	15235	412-373-2280	1	
Wholesalers	SID HARVEY INDUSTRIES	410 S. HENDERSON RD.	KING OF PRUSSIA	19406	610-265-4220	1	12/17/2012
Wholesalers	Sid Harvey Industries	4244 MACALESTER ST.	PHILADELPHIA	19124	215-457-3300	1	
Wholesalers	Sid Harvey Industries	4408 POTTSVILLE PIKE	READING	19605	610939- 9844	1	
Wholesalers	Sid Harvey Industries	535A E. ROSS ST	LANCASTER	17602	717-394-8044	1	
Wholesalers	Sid Harvey Industries	HANOVER IND ESTATES 1052 HANOVER ST	WILKES BARRE	18706	570-830-4323	1	
Wholesalers	STANDARD AIR & LITE CORP.	1034 CORPORATE LANE	EXPORT	15632	724 325-4846	1	
Wholesalers	SUMMERS & ZIM'S	403 VALLEY AVE	ATGLEN	19310	610-593-5129	1	3/22/2012
Wholesalers	THE LABOR PLUMBING AND HEATING SUPPLY INC.	5000 UMBRIA STREET	PHILADELPHIA	19128	215 482-3047	1	
Wholesalers	THOS. SOMERVILLE	3735 BOARD RD	YORK	17406	717-848-1545	1	
Wholesalers	THOS. SOMERVILLE	425 NELSON ST	CHAMBERSBURG	17201	717-264-9300	1	
Wholesalers	THOS. SOMERVILLE	425 WELSON ST	CHAMBERSBURG	17201	717-264-9300	1	
Wholesalers	THOS. SOMERVILLE CO.	1401 SLATE HILL ROAD	CAMPHILL	17011	717 972 6130	2	11/12/2012
Wholesalers	THOS. SOMERVILLE CO.	3140 HEMPLAND ROAD	LANCASTER	17601	717 399 7700	2	
Wholesalers	TOM ANTONELLI INC	2201 HUNTER ROAD	BRISTON	19007	215-785-2558	2	10/3/2012
Wholesalers	TRANE PARTS CTR - ALLENTOWN 909	5925 TILGHMAN ST SUITE 60	ALLENTOWN	18104	610-391-3040	1	11/5/2012
Wholesalers	TRANE PARTS CTR - HARRISBURG 496	491-E BLUE EAGLE AVE	HARRISBURG	17112	717-541-1570	1	12/18/2012
Wholesalers	TRANE PARTS CTR - HUNTINGDON 497	15091 ROUTE 30	North Huntingdon	15642	412-823-8389	1	
Wholesalers	TRANE PARTS CTR - PITTSBURGH 495	3042 NEW BEAVER AVE	PITTSBURGH	15233	412-394-9030	1	
Wholesalers	UNITED REFRIGERATION	11401 ROOSEVELT BLVD.	PHILADELPHIA	19154	215-698-9100	3	9/26/2012
Wholesalers	UNITED REFRIGERATION	1250 W. LIBERTY STREET	ALLENTOWN	18102	610-776-0506	1	8/6/2012
Wholesalers	UNITED REFRIGERATION	2929 STEWART DRIVE	STATE COLLEGE	16801	814-237-9100	1	6/5/2012
Wholesalers	UNITED REFRIGERATION	326 BUTTONWOOD STREET	READING	19601	610-372-8361	1	11/14/2012
Wholesalers	UNITED REFRIGERATION	4490 LEWIS ROAD	HARRISBURG	17111	717-561-2420	1	12/6/2012
Wholesalers	UNITED REFRIGERATION	606 SPRING GARDEN STREET	PHILADELPHIA	19123	215-923-7500	1	12/7/2012

Wholesalers	UNITED REFRIGERATION	621 PARK WAY	BROOMALL	19008	610-328-0774	1	6/4/2012
Wholesalers	UNITED REFRIGERATION	641 N. PENNSYLVANIA AVENUE	WILKES BARRE	18705	570-823-9100	1	
Wholesalers	United Refrigeration #1	4111 Whitaker Avenue	Philadelphia	19124	215-423-4918	1	
Wholesalers	United Refrigeration #14	365 Constance Drive	Warminster	18974	215-441-5442	1	3/27/2012
Wholesalers	United Refrigeration #17	610 Delp Road	Lancaster	17601	717-560-4400	1	
Wholesalers	United Refrigeration #25	1030 Vogelsong Road	York	17404	717-764-3300	1	
Wholesalers	United Refrigeration #34	1825 N. Franklin Street	Pittsburgh	15233	412-322-5010	1	
Wholesalers	United Refrigeration #35	180 Seco Road	Monroeville	15146	412-856-3010	1	12/3/2012
Wholesalers	United Refrigeration #51	5459 Progress Boulevard	Bethel Park	15102	412-833-0200	1	
Wholesalers	UNITED REFRIGERATION #54	317 NATIONAL ROAD	EXTON	19341	610-363-6500	1	7/23/2012
Wholesalers	United Refrigeration #57	8420 Enterprise Avenue	Philadelphia	19153	215-365-9100	1	
Wholesalers	United Refrigeration #7	771 First Avenue	King of Prussia	19406	610-337-0830	1	1/26/2012
Wholesalers	United Refrigeration #B8	7 Long Lane	Mechanicsburg	17050	717-691-4100	1	
Wholesalers	United Refrigeration #X3	960 W. 12th Street	Erie	16501	814-454-6900	1	
Wholesalers	United Refrigeration #Y9	1075 South Main St, Rt 119	Greensburg	15601	724-836-1900	1	
Wholesalers	VIRGINIA AIR DISTRIBUTORS	900 BRICKWORKS DR.	LEETSDALE	15056	412-257-1103	1	3/1/2012
Wholesalers	WEINSTEIN SUPPLY	3155 TERWOOD ROAD	WILLOW GROVE	19090	215-657-0700	1	
Wholesalers	WEINSTEIN SUPPLY CO	265 1/2 WYCOMBE AVENUE	LANSDOWNE	19050	610-626-4040	1	
Wholesalers	WESTBURNE SUPPLY CO.	1210 W CHESTER PIKE	WEST CHESTER	19832	610-696-7872	1	
Wholesalers	YORK CORRUGATING CO.	120 SOUTH ADAMS STREET	YORK	17404	717-845-3511	1	
Wholesalers	YORK CORRUGATING CO.	1851 U.P.S. DRIVE	HARRISBURG	17104	717-939-0491	1	
Wholesalers	YORK CORRUGATING CO.	Chestnut Comm Center E. Tolna Rd.	SHREWSBURY	17361	717-235-4733	1	
Wholesalers	YORK INTERNATIONAL/JOHNSON CONTROLS	1000 BOSLER AVENUE	LEMOYNE	17043	717-761-2979	5	