



HATFIELD TOWNSHIP BOARD OF COMMISSIONERS WORKSHOP MEETING AGENDA

February 14, 2024

7:30 PM

I. CALL TO ORDER

II. ROLL CALL

- ☐ COMMISSIONER PRESIDENT ZIPFEL
- ☐ COMMISSIONER VICE PRESIDENT RODGERS
- ☐ COMMISSIONER ANDRIS
- ☐ COMMISSIONER LOSTRACCO
- ☐ COMMISSIONER PARTHA

III. PLEDGE OF ALLEGIANCE

IV. APPROVAL OF AGENDA

V. CITIZENS' COMMENTS – AGENDA ITEMS ONLY

Attention: Board of Commissioner Meetings are Video Recorded

*All comments made at the podium. Please state your name and address for the record.
Comments are guided by Resolution #10-10.*

VI. CONSENT ITEMS

Motion to Enter into the Record

- A. Police Report – *January*
- B. VMSC Ambulance Report – *January*
- C. HTMA Meeting Minutes – *December 12, 2023*
- D. NPWA Meeting Minutes – *December 19, 2023*
- E. Colmar Volunteer Fire Company Monthly Report – *January*

VII. SPECIAL ITEMS

- A. Michaels Family Christmas Lights & Colmar Fire Police - Recognition
Winner of the ABC show, "The Great Christmas Light Fight"
- B. Black History Month Promotion
Shaykh Anwar Muhammad, President, Ambler Branch NAACP
- C. HTMA Budget Overview
Pete Dorney, Executive Director

VIII. COMMITTEE REPORTS

A. Planning and Zoning Committee – Vice President Rodgers

1. Maintenance Bond Discussion – Completed Land Development Projects

B. Public Works Committee

1. Authorize Bids – Road Paving, Heating Fuel, Vehicle Fuel, Pool Chemicals, ADA Ramps, and Leaf Pickup Program
Motion for Approval

C. Parks and Recreation Committee – Commissioner LoStracco

1. Clemens Park Redevelopment – Authorize Bids
Motion for Approval

D. Public Safety Committee

E. Finance Committee – Commissioner Andris

IX. TOWNSHIP STAFF REPORTS

A. Township Manager’s Report

1. 2023 Annual Report – Building, Zoning, and Code Department
2. Re-bid Results – Electric Contract, New Police Station (\$460k savings)
Motion to award bid to AJM Electrical, Inc. in the amount of \$1,882,415 as recommended by the Construction Manager, Boyle Construction, Inc.
3. New Police Station – Soil Testing Contract, Range Fit Out Items

X. SOLICITOR’S REPORT

XI. CITIZENS’ COMMENTS

Attention: Board of Commissioner Meetings are Video Recorded
*All comments made at the podium. Please state your name and address for the record.
Comments are guided by Resolution #10-10.*

XII. ADJOURNMENT

Hatfield Township VMSC EMS Zone Report - January 2024


Total Zone Calls: **136**

Total VMSC 911 Calls: **1,195**


Average Chute Time: **0m:43s**

Average Response Time: **6m:37s**

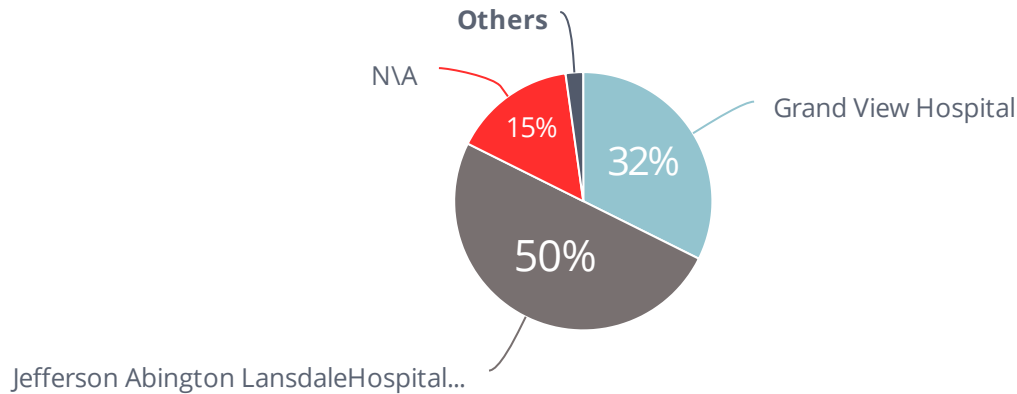
Top 5 Call Types

Type of Incident	# 
Sick Person	31
Falls	21
Breathing Problem	14
Chest Pain (Non-Traumatic)	12
No Other Appropriate Choice	8
Unconscious/Fainting	7
Altered Mental Status	6
Traffic Accident	6

Transport Disposition

Disposition	# 
Transported No Lights/Siren	98
Transported Lights/Siren	16
Patient Refused Evaluation/Care (Without Transport)	9
Patient Treated, Released (per protocol)	6
Cancelled on Scene/No Patient Found	3

Hospital Transport




Community Response

VMSC's Level of Service

Unit Level of Service	# of Calls
ALS-Paramedic	<div><div></div></div> 78
BLS-AEMT	<div><div></div></div> 42
BLS-Basic /EMT	<div><div></div></div> 16


Barriers to Provide Care

Barriers To Care	# 
None Noted	103
Language	8
Uncooperative	6
Psychologically Impaired	4
Physically Impaired	4
Obesity	3
Physical Barrier (Unable to Access Patient)	3
Unconscious	2

of Overdoses

2

Additional Agencies on Scene

Additional Agencies	# 
No Other Agency On Scene	75
Law Enforcement	58
Fire Department (Non-QRS Related)	3
QRS - Other Department	1

Critical Response Triad

Cardiac Related Incidents



Stroke Related Incidents



Trauma Related Incidents



HATFIELD TOWNSHIP MUNICIPAL AUTHORITY
PUBLIC MEETING
December 12, 2023, 7:00 PM

- I. Call to order by the Chairman at 7:01 PM
Executive Session Announcement – Chairman Harvey made the announcement that the Board was in Executive Session prior to 7:01 PM to discuss personnel matters.
- II. Roll call by Secretary – Mr. Wert recognized those in attendance: Chairman Ralph Harvey, Vice Chairman Don Atkiss, Treasurer Charles Sibel, Secretary Barry Wert, and Asst. Secretary George Landes. Also in attendance, Executive Director Peter Dorney, Plant Manager Joe Stammers, Asst. Plant Manager Corey deSimone, Solicitor Paul Mullin and Engineer Charles Winslow.
- III. Approval of minutes for November 14, 2023 Public Meeting – Mr. Landes made the motion to approve the minutes as presented, seconded by Mr. Wert and approved by the Board.
- IV. Citizen's comments - none
- V. Union – The Union asked for an extension to filing the appeal of the current grievance until January 4 due to hospitalization of their Union Representative. The Board does not have a problem with that.
- VI. Montgomery Township – nothing to report
- VII. Executive Director's Report
 - A. NPDES Permit Appeal Update – We received our New Draft Permit, which requires comments submitted by December 29. Once the final permit is executed, we will again appeal the permit due to the BLM Language. Recent action by DEP has shown that they plan to require the BLM as the State Wide Criteria used for effluent copper limits, which could put HTMA in a bad position compared to the current State Wide Criteria.
 - B. Office Addition Update – Mr. Winslow presented updated information as to where the contractor is on the timeline for the project. A discussion was held regarding why the

contractor has not done much work. Mr. Winslow was asked if he thought that the contractor was going to be able to meet the substantial completion date, to which Mr. Winslow replied no. Mr. Landes asked what the penalty could be, and Mr. Winslow replied that the contract allows for a \$1,000 per day penalty. Mr. Dorney explained what some of the excuses are that the contractor is using for the delay, to which Mr. Winslow added that the excuses do not hold much validity for the fact that the contractor is behind schedule.

- C. Plant Electrical Grid Update – Mr. Dorney presented a Resolution #2023-7 to the Board that is required for HTMA to adopt Montgomery County’s Hazard Mitigation Plan in order to be a better municipal entity, which is considered by the Grant agencies for both the electrical grid project and the flood wall project. A motion to approve the Resolution was made by Mr. Atkiss, seconded by Mr. Wert and approved by the Board. Mr. Dorney also presented a Resolution #2023-8 to the Board that is required to submit applications to both FEMA and BRIC for Grants for the electrical grid project. A motion to approve the Resolution was made by Mr. Wert, seconded by Mr. Sibel and approved by the Board.
- D. Flood Wall Update – Mr. Dorney presented a Resolution #2023-6 to the Board for required to submit another Grant application to FEMA. A motion to approve the Resolution was made by Mr. Landes, seconded by Mr. Wert and approved by the Board.
- E. Rerate Update – DEP has made no further push to have HTMA rerate the Plant.
- F. Solar Power – Mr. Caffey, our electric consultant and an associate of his who is versed in solar power are looking for a date to have a meeting with us so that the Board can be further educated on solar energy and the various ways to proceed. Mr. Wert suggested we ask Mr. Bibro and any Commissioners if they would like to attend since this is as significant and important project to undertake.
- G. Budget Discussion - Mr. Dorney presented more news and data to the Board regarding next year’s budget. A discussion ensued as to whether the projected costs for our capital projects list suggested a rate increase. Mr. Dorney responded that if HTMA wants to continue to stay ahead of the cost increases and required project costs, at a minimum the Board should consider a 3% increase. After more discussion the Board recommended that Mr. Dorney prepare a proposed draft budget for the January meeting showing a 4% increase. It was also asked by Mr. Landes if HTMA should at least begin to consider a Bond Issue. Mr. Mullin mentioned that he will ask HRMML’s Bond Attorney to attend the January meeting to explain to the Board what is involved with doing that.

- VIII. Pretreatment Report – Mr. Stammers reported that the Headworks Loading Report had been approved by EPA. Now he will need to develop the local limits for requisite industry determined by the allocation of the loadings to those industries. Mr. Stammers also reported that subsequent to the last Board meeting, GHD and HTMA had discussions with EPA regarding a few of the

pollutants that became more stringent for industries. EPA said the regulatory requirements for those pollutants had been lowered, and HTMA had to comply.

IX. Engineer's Report

A. Project Requisitions – Mr. Winslow read this month's requisitions:

Admin Bldg. Expansion: \$123,799.71

Electric Grid: \$487.50

X. Solicitor's Report – Mr. Mullin reported some additional information on the NPDES Permit Appeal.

XI. Treasurer's Report and Discussion

A. Approval of Bills – After discussion and several questions on particular bills, the motion was made by Mr. Sibel to approve the bills and requisitions as submitted, seconded by Mr. Atkiss and approved by the Board.

XII. Old Business – The bi-annual incinerator clean-out and inspection was held on November 20 and 21. Only minor repairs were necessary and we are back on line in anticipation of our Stack Testing scheduled for December 19.

XIII. New Business

A. Mr. Dorney presented a Resolution #2023-9 to the Board to amend the 401K Plan, in order to meet the provisions of the 2022 Secure Act 2.0. A motion to approve the Resolution was made by Mr. Landes, seconded by Mr. Sibel and approved by the Board.

XIV Other Business

A. Mr. Dorney reported that the recognition of Ralph Harvey's 30th year as a Board Member and employee Tom Hall's 50th year of employment has been delayed until January 10.

B. Mr. Stammers asked for approval to purchase safety walls and railings for both of the screw pump stations. The company is Design Plastics. The total cost should be \$22,358 without any surprise alterations that might pop up. A motion to approve the purchase was made by Mr. Landes, seconded by Mr. Wert and approved by the Board.

C. Mr. deSimone presented updated information on the data recording and inventory program from Cardigraph. The cost estimate would be approximately \$34,000 for the installation, set-up and training. Mr. deSimone is still finalizing exactly how we would initiate the program so that we do not become overwhelmed.

D. Mr. Dorney reported that the 2.5" of rain, after 2.0" the week before and 1.5" the week before that had caused a minor SSO out at Rebecca Drive. We suspect that it could be root related because even though we had high flows we were not entirely peaked. DEP was informed and they were at the plant Monday for an inspection. We will be going out to clean, root cut and televise that line prior to Monday the 17th when we are expected to get another heavy rain storm. This line is being scheduled for lining, but we are at the mercy of lining companies that are short staffed and prefer larger jobs.

XV. Adjournment – At 8:20 PM, the motion to adjourn was made by Mr. Landes, seconded by Mr. Atkiss and approved by the Board.

Submitted by,

Secretary

NORTH PENN WATER AUTHORITY
MINUTES OF THE BOARD OF DIRECTORS MEETING
December 19, 2023

William K. Dingman, Chair, called the meeting to order at 7:30 pm. The following Board members were also in attendance at the meeting: Kenneth V. Farrall, George E. Witmayer, David W. Dedman, Robert J. Rodgers, Jeffrey H. Simcox, Helen B. Haun, Arthur C. Bustard, Amy J. Cummings-Leight and Richard C. Mast. Also present were Anthony J. Bellitto, Jr., P.E., Executive Director, Jonathan C. Hartzell, Director of Operations and Field Services, Daniel P. Pearce, Director of Information Technology, Daniel C. Preston, P.E., Director of Asset Management and Strategic Initiatives, Ami L. Tarburton, Director of Finance and Human Resources and Paul Mullin, Esquire, Hamburg, Rubin, Mullin, Maxwell & Lupin, Solicitor.

The following items, by agenda number, were discussed:

1. **MINUTES** – Upon the motion of Mr. Witmayer, seconded by Mr. Farrall, the Board approved unanimously the Minutes of the November 28, 2023 Board of Directors meeting as presented.
2. **BIDS:**
 - 2.1. Contract No. 796 – 2024 Annual Paving Services – Mr. Preston presented the Bid Tabulation from the bid opening on December 14, 2023. There were two bidders for the Contract who have previously done work for the Authority. It was recommended to award to the lowest responsible bidder, A. Giuliani. After discussion and upon the motion of Mr. Farrall, seconded by Mrs. Haun, the Board voted unanimously to award the contract to A. Giuliani & Co., Inc. at the Bid Amount of \$237,308.00 and further, authorized execution of all Contract Documents.
3. **PUBLIC COMMENTS** – There were no members of the public in attendance at the meeting.
4. **FINANCIALS AND HUMAN RESOURCES REPORT:**
 - 4.1. The Statement of Income and Expense for the period ending November 30, 2023 was highlighted by Ms. Tarburton and discussed. With 92% of the Budget period elapsed, Ms. Tarburton noted that metered sales were up by \$865,000 (about 4.6%) year to year and total revenues were up over \$1.83 million or 8.2% year to year. Total operating expenses were up by \$611,000 (about 6.2%) year to year and are reporting at 84% of budget. Income after debt service is favorable and has exceeded budget projections with about a 13% increase year to year, amounting to a \$715,000 increase. Debt Service Coverage is at 1.39, which is above the 1.10 required by the Trust Indenture. Total Debt Service Coverage is at 1.81. Net Position has increased by about \$7.2 million year to year (up 4.4%). The Capital Budget Report and Metered Sales Report for the period ending November 30, 2023 were highlighted by Ms. Tarburton and discussed. Capital Expenditures are 86% of budget and in line with projections. Metered domestic sales are in line with budget while commercial and industrial sales continue to exceed budget projections. The Human Resources and Payroll report was also reviewed and discussed.

Following discussion, upon the motion of Mr. Farrall, seconded by Mr. Rodgers, the Board voted unanimously to accept the financial reports and file for future audit.

- 4.2. The Check Register for the period November 17, 2023 to December 12, 2023 was reviewed and discussed. Upon the motion of Mr. Farrall, seconded by Mr. Witmayer, the Board ratified the payments 9-0, with one abstention. In accordance with the Public Official and Employee Ethics Act, Mr. Dingman announced his abstention due to a payment to Gilmore and Associates, Inc. and his written memorandum regarding such abstention is attached hereto and made a part hereof as Exhibit "A".
5. **OPERATIONS, METER/CUSTOMER SERVICE, AND STATISTICS REPORT** – The Report for the month of November 2023 was presented, highlighted by Mr. Hartzell, and discussed.
6. **ENGINEERING AND WATER QUALITY REPORT** – The Report for the month of November 2023 was presented, highlighted by Mr. Preston, and discussed.
7. **INFORMATION TECHNOLOGY REPORT** – The Report for the month of November 2023 was presented, highlighted by Mr. Pearce, and discussed.
8. **ADMINISTRATION AND PUBLIC RELATIONS REPORT** – The Report for the month of November 2023 was presented, highlighted by Mr. Bellitto, and discussed.
9. **FOREST PARK WATER** – Mr. Rodgers, Chair of the Forest Park Water Operating Committee, reported that the Committee had not met. There is nothing further to report beyond that contained in the Board Packet.
10. **MAIN EXTENSIONS:**
 - 10.1. M.E. 1379 Jacob's Way (Kay Harleysville, LLC) – Upon the motion of Mrs. Haun, seconded by Mr. Farrall, the Board granted contingent Final Approval by a vote of 9-0 for 43 EDUs to Kay Harleysville, LLC for the project located at Oak Drive and Harleysville Pike, and further approved and authorized execution of the Main Extension Agreement relating to the development. The approval is contingent upon the Developer furnishing financial security acceptable to the Solicitor, meeting all requirements of the Solicitor and payment of the deposit and all fees. In accordance with the Public Official and Employee Ethics Act, Mr. Mast announced his abstention due to a prior business relationship and his written memorandum regarding such abstention is attached hereto and made a part hereof as Exhibit "B".
 - 10.2. M.E. 1414 The Grove at Meadowood (The Meadowood Corp.) – Upon the motion of Mr. Bustard, seconded by Mr. Farrall, the Board authorized unanimously the execution of Resolution No. 23-12-19 A for Deed of Dedication of water utility lines and authorized execution of the Deed of Dedication.
 - 10.3. M.E. 1493 Andale Green, Phase 4 (Liberty Bell Capital IV, L.P.) – Upon the motion of Mr. Simcox, seconded by Mr. Rodgers, the Board authorized unanimously the execution of Resolution No. 23-12-19 B for Deed of Dedication of water utility lines

and authorized execution of the Deed of Dedication. Further, the Board authorized the execution of a Cash Escrow Agreement in lieu of a Maintenance Bond.

- 10.4. M.E. 1540 Sterling Walk (WB Homes Land Acquisitions, L.P.) – Upon the motion of Mr. Rodgers, seconded by Mr. Farrall, the Board voted unanimously to authorize and execute a Capacity Reservation Agreement with WB Homes Land Acquisitions, L.P. for 40 EDUs for the future development of Sterling Walk, located off North Broad Street, Hatfield Township.
11. **ITEMS FOR DISCUSSION:**
 - 11.1. Proposed new water service to the National Shrine of Our Lady of Czestochowa (Shrine) in New Britain Township – Mr. Bellitto highlighted the memo included with the Board Packet. The Authority reached agreement with the Shrine to provide water service and utilize NPWA solely for their public water needs rather than the onsite well. Water service will be provided from the new Ferry Road transmission main which was recently placed into service. The Agreement allows the Shrine to provide a 10% down payment for tapping fees with full payment due by the end of 2024. Upon execution, NPWA will initiate the service request, as requested by the Shrine. Following discussion, upon the motion of Mrs. Haun, seconded by Mr. Farrall the Board authorized execution of the Capacity Agreement with The Order of St. Paul, First Hermit – The Pauline Fathers, Inc. d/b/a The National Shrine of Our Lady of Czestochowa.
 - 11.2. Proposal to authorize and execute Purchase Order No. 16668 for a one-year Maintenance and Support Agreement with Cogsdale Corporation in the total amount of \$152,248.70 – Mr. Pearce presented to the Board a Purchase Order request included in Board Packet for a one-year Maintenance and Support Agreement with Cogsdale Corporation. This Agreement covers the Authority’s Customer Information System and Financial Information System for software licensing, maintenance, and unlimited support. This Maintenance Agreement was budgeted and approved as part of the 2024 IT Expense Budget. Following discussion, upon the motion of Ms. Cummings-Leight, seconded by Mr. Witmayer, the Board unanimously approved and authorized execution of the Purchase Order, as presented.
 - 11.3. Proposal to authorize and execute GIS Cityworks Roadmap Consulting Agreement, Task Order Number 007 – Mr. Pearce discussed and highlighted the memo included with the Board Packet. Our IT Consultant, Power Engineers, retained by the Authority since January 2019, is embarking on the next task associated with our technology integration related to the GIS Cityworks and Computerized Maintenance Management System. This project was budgeted and approved as part of the 2024 IT Expense Budget. Following discussion, upon the motion of Mr. Farrall, seconded by Ms. Cummings-Leight, the Board unanimously approved and authorized execution of the Agreement with Power Engineers for Task Order Number 007 for a lump sum amount of \$79,461.00, as presented.
 - 11.4. Proposal to authorize and execute agreement with Total Engineering and Consulting Services, LLC for survey of the Hilltown tanks – Mr. Preston highlighted and

summarized the memo included with the board packet. NPWA is pursuing a tank inspection and survey program as part of our Tank Asset Management Plan, which includes documentation of cell antenna equipment, visual tank inspection and site survey. This cost is included in our approved 2024 Operating Budget. The scope includes both ground and drone survey of the site and documentation of all cell equipment. This program will ensure NPWA is tracking all cell antenna equipment to ensure revenue accuracy and cost efficient tank site inspection. Following discussion, upon the motion of Mr. Witmayer, seconded by Mr. Farrall, the Board unanimously approved and authorized execution of the Professional Service Agreement with Total Engineering and Consulting Services, LLC for \$15,120 for the Hilltown Tanks site survey.

- 11.5. Proposal to authorize and execute Amendment to PSA Contract 23-1 with Brown and Caldwell, Inc. – Mr. Preston highlighted the memo included with the Board Packet. The proposal covers additional engineering services outlined in detail in the proposal and summarized as follows: The source of supply study has progressed to the point where detailed alternatives, specifically related to the development of a new source of supply, will require further analysis above and beyond what is included in the current scope of work. The additional work is summarized as follows: Communications and strategic planning to develop source of supply surface and ground water alternatives, additional cost estimating, purchase water options, and expanded hydraulic model work. This work was included in the approved 2024 Operating Budget. Following discussion, upon the motion of Mr. Witmayer, seconded by Mr. Bustard, the Board unanimously approved and authorized execution of the amendment to PSA Contract 23-1 with Brown and Caldwell, Inc. for a budget amount of \$136,146 for the additional engineering services needed for the Comprehensive Master Plan.
- 11.6. Mr. Bellitto noted that, included in the Board Packet, was a copy of the PowerPoint presentation slides from the Company Annual Breakfast meeting on December 1, 2023 that was held at the Indian Valley Country Club. The breakfast meeting presentation provided highlights from the various departments during the course of the year. At the conclusion, service awards were handed out.
12. **COMMITTEE REPORTS:**
 - 12.1. Engineering Committee – Mr. Farrall, Chair of the Engineering Committee, reported that the committee had not met.
 - 12.2. Executive Committee – Mr. Simcox, Chair of the Executive Committee, reported that the committee had met earlier in the evening prior to the Board meeting to discuss a personnel matter and will report on the discussion during Executive Session.
 - 12.3. Finance Committee – Mrs. Haun, Chair of the Finance Committee, reported that the committee had not met.
13. **CORRESPONDENCE** – Various items of correspondence and newspaper articles contained in the Authority meeting booklet were reviewed. Mr. Bellitto noted the NPWA

press release regarding his recent testimony in Harrisburg at a hearing on proposed bills to amend or repeal Act 12, dealing with the privatization of public water and sewer systems.

14. **COMING EVENTS:**

14.1. Forest Park Operating Committee Meeting Dates for 2024 are scheduled for February 20 and August 20 at 6:00 pm at the North Penn Water Authority office.

14.2. NPWA/NWWA 2024 Joint Board Meeting Dates are scheduled for March 7th and September 5 at the North Penn Water Authority office.

14.3. PMAA Board Member Training session is scheduled for April 4, 2024 in Allentown, Pennsylvania.

14.4. Roadmasters Meeting is scheduled for April 2024 at the Hennings Market in Harleysville on a date to be determined.

14.5. Public voting will take place at the North Penn Water Authority Operations Center on Primary Election Day, April 23, 2024 and General Election Day, November 5, 2024 (subsequently supplemented with a special election on January 16, 2024).

14.6. The Annual Municipal Banquet will be held on May 23, 2024 at 6:30 pm at the Indian Valley Country Club, 650 Bergey Road in Franconia Township.

14.7. The PMAA 82nd Annual Conference and Trade Show will be held September 15-18, 2024 at the Hershey Lodge and Convention Center in Hershey, Pennsylvania.

14.8. The Forest Park Customer Appreciation Day Golf Outing will be held on Monday September 23, 2024 at The Bucks Club, 2600 York Road in Jamison, Pennsylvania.

15. **OLD BUSINESS** – There was no Old Business.

16. **NEW BUSINESS** – There was no New Business.

17. **EXECUTIVE SESSION** – The Board recessed to Executive Session at 8:20 pm to discuss a personnel matter and reconvened at 8:43 pm. Upon motion of Mr. Rodgers, seconded by Mr. Farrall, the Board approved unanimously the Executive Director's compensation as recommended by the Executive Committee. Upon the motion of Mr. Simcox, seconded by Mr. Mast, the Board approved unanimously the 2023 bonus for the Executive Director as recommended by the Executive Committee.

There being no further business, upon the motion of Mrs. Haun and seconded by Mr. Farrall, the Board voted unanimously to adjourn at 8:45 pm.

Respectfully submitted,

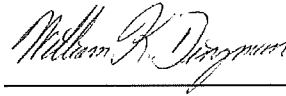
Kenneth V. Farrall
Secretary

Exhibit "A"

Voting Conflict Memorandum

The Check Register for the period November 17, 2023 to December 12, 2023 was reviewed and discussed. Upon the motion of Mr. Farrall, seconded by Mr. Witmayer, the Board ratified the payments 9-0, with one abstention.

I, William K. Dingman, member of the North Penn Water Authority, abstained from the above mentioned ratification due to a payment to Gilmore and Associates, Inc. The situation constitutes a conflict of interest under section 1102 of the Public Official and Employee Ethics Act (the "Act"), therefore I abstained from the vote.

A handwritten signature in cursive script, reading "William K. Dingman", positioned above a horizontal line.

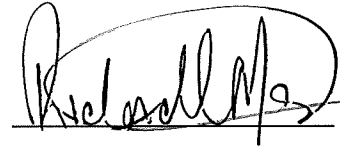
William K. Dingman

Exhibit "B"

Voting Conflict Memorandum

Upon the motion of Mrs. Haun, seconded by Mr. Farrall, the Board granted contingent Final Approval by a vote of 9-0 for 43 EDUs to Kay Harleysville, LLC for the Main Extension 1379 project located at Oak Drive and Harleysville Pike, and further approved and authorized execution of the Main Extension Agreement relating to the development.

I, Richard C. Mast, member of the North Penn Water Authority, abstained from the above mentioned approval due to a prior business relationship. The situation constitutes a conflict of interest under section 1102 of the Public Official and Employee Ethics Act (the "Act"), therefore I abstained from the vote.

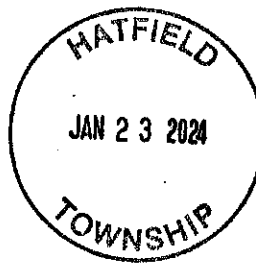
A handwritten signature in black ink, appearing to read "Richard C. Mast", written over a horizontal line.

Richard C. Mast

DECEMBER 2023 COLMAR VOL. FIRE COMPANY RESPONSE TIMES/SCBA PERSONNEL												
CALL #	DATE	INCIDENT #	ADDRESS	MUNICIPALITY	TYPE	AIDE	1st RESP. SUPPRESSION UNIT	DISP to ENRT (min:sec)	DISP to ARRIV (min:sec)	DISP to TERMINATION (min:sec)	SCBA 1st UNIT	SCBA TOTAL
1	12/3/23	F2333659	1691 Bethlehem Pk	Hilltown (60)	Fire	AAG	R12	8:40	10:02		5	7
2	12/4/23	F2333768	468 Running Brook Rd	Montgomery (18)	Fire	None	L12	9:30	--	10:12	2	3
3	12/4/23	F2333766	123 Veronica Ln	Montgomery (18)	Fire	MAG	L12	0:01	4:49		2	3
4	12/6/23	F2333928	713 Bethlehem Pk	Montgomery (18)	Fire	None	--	--	--	12:30	--	3
5	12/6/23	F2333952	1498 North Wales Rd	Upper Gwynedd (80)	FP	MAG	N/A	--	--	--	--	--
6	12/9/23	F2334224	1110 North Broad St	Hatfield (12)	Fire	None	E12	7:58	11:49		2	8
7	12/10/23	F2334333	414 Walnut St	Lansdale (14)	Fire	AAG	E12	8:25	11:25		4	8
8	10/12/23	F2334541	80 Cowpath Rd	Hatfield (12)	Fire	None	E12	7:46	10:04		3	5
9	12/14/23	F2334680	2280 Bethlehem Pike	Hatfield (17)	FP	MAG	N/A	--	--	--	--	--
10	12/15/23	F2334863	80 Cowpath Rd	Hatfield (12)	Fire	None	E12	7:21	10:07		2	3
11	12/16/23	F2334868	80 Cowpath Rd	Hatfield (12)	OFF	None	--	--	--	--	--	2
12	12/16/23	F2334900	770 Bethlehem Pike	Montgomery (18)	Fire	None	--	--	--	7:36	--	5
13	12/16/23	F2334933	Walnut St/Schoolhouse Rd	New Britain (60)	Fire	None	--	--	--	5:22	--	4
14	12/17/23	F2334989	Hilltown Pike/New Galena Rd	New Britain (60)	FP	MAG	N/A	--	--	--	--	--
15	12/18/23	F2335030	County Line Rd/New Britain Blvd	New Britain (60)	Fire	None	R12	13:26	--	19:19	3	7
16	12/18/23	F2335207	238 Cherrywood Ct	Montgomery (18)	Fire	None	L12	5:59	--	10:03	4	4
17	12/22/23	F2335573	101 W Main St	Lansdale (14)	Fire	AAG	R12	5:40	--	10:12	2	3
18	12/23/23	F2335650	Cowpath Rd/Orvilla Rd	Hatfield (17)	FP	MAG	N/A	--	--	--	--	--
19	12/24/23	F2335717	392 Doylestown Rd	Montgomery (18)	Fire	AAG	L12	2:36	5:24		5	8
20	12/28/23	F2336039	2169 Lenhart Rd	Hatfield (12)	Fire	AAR	E12	7:44	8:15		1	6
			TOTAL CALLS DEC 2023: 20	MUTUAL AIDE GIVEN: 5			AVG TIME DISP. to ENRT (1st SUPPRESSION UNIT)					
			FIRE:15	MUTUAL AIDE REC'D: 0			7:05					
			APPARATUS RESPONSE: 12	AUTOMATIC AIDE GIVEN: 4								
			FIRE POLICE: 4	AUTOMATIC AIDE REC'D: 1			AVG TIME DISP. to ARRIV (1st SUPPRESSION UNIT)					
			OFFICERS: 1	NO AIDE GIVEN/REC'D: 10			8:59					
			HATFIELD TWP (12): 5				AVG SCBA QUAL FF's (1st SUPPRESION UNIT)					
			HILLTOWN TWP (60): 1				2.92					
			MONTGOMERY TWP(18): 6									
			NEW BRITAIN TWP (60): 3				AVG TIME DISP. to TERMINATION WHEN					
			HATFIELD TWP (17): 2				1st DUE UNIT DID NOT RESPOND					
			LANSDALE BORO (14): 2				(RECALLED BEFORE RESPONSE)					
			UPPER GWYNEDD TWP (80): 1				10:44 (7 Calls)					

Hatfield Township

MUNICIPAL AUTHORITY



Ralph Harvey, *Chairman*
Donald Atkiss, *Vice Chairman*
George Landes, *Asst. Secretary*
Barry Wert, *Secretary / Asst. Treasurer*
Charles Sibel, *Treasurer*

GHD Inc ~ *Engineer*

Hamburg, Rubin, Mullin,
Maxwell & Lupin ~ *Solicitor*

January 23, 2024

To: Aaron Bibro, Hatfield Township Manager

From: Peter Dorney, Executive Director, Hatfield Township Municipal Authority

Aaron,

Attached you will find the Authority's proposed budget for April 1, 2024 through March 31, 2025. The budget has been approved by the Board, and proposes a 4% increase in sewer rates. It was originally hoped that for this budget the Authority could proceed without any sewer rate increase. However, over the course of the past year, it has become clear that costs that had increased in the prior years are not coming down. In fact, per our utilities' consultant, costs like natural gas and electric will be rising, and per our health insurance agent, we can expect those costs to again rise more than the past two years.

However, the largest cause of the need for increased revenue is due to what appears to be morphing into one of the largest projects we have faced in many years, that being the replacement of most of our Plant's electrical grid. According to our electrical engineering consultant, this project has morphed into a cost of possibly \$12 million to \$14 million. The only good thing is that this project, once fully initiated, will take 3 to 4 years for completion, largely due to the long delivery times for the critical equipment needed. We have applied for two grants for this project, and believe that there is a third grant possibility on the horizon. However, we cannot base our budget on "if" we get a grant, especially since we will not know the outcome of those grants until late in 2024.

I have attached for your information a more in-depth explanation of why sewer rates, not only for HTMA but for other area sewer entities are rising. As always, myself and at least two Board members will make ourselves available for the meeting at which the budget will be discussed, if you so desire. On the 2nd page of the budget, I have also included a few annual sewer rates from other area entities, not as an excuse to raise rates, but rather as an indication that we are not alone in our budgetary requirement.

Peter Dorney

Executive Director, HTMA

The 2024 proposed budget for the Hatfield Township Municipal Authority proposes a 4% increase in sewer rates. Why are sewer rates increasing?

There is no single simple answer to this question, but there are a number of reasons.

The first reason is continued increased cost of equipment, chemicals and utilities. Until the last several years, it was safe to assume that these particular costs would rise similar to the standard inflation index, which had been relatively low for quite some time. Then inflation started to increase, but unfortunately the costs of equipment, chemicals and utilities rose much more than inflation. 35% to 50% increases were not uncommon in a short period of time. In some cases, prices for replacement equipment increased over 50%. And from past experience, what we've learned is that once prices go up, they don't usually go back down, at least not to previous levels.

By percentage, the largest cost to operate the Township's Wastewater Treatment System, which includes keeping the Treatment Plant itself running and the collection system flowing, is salaries and benefits. The next largest cost is utilities such as electric and natural gas, but close behind these comes maintenance, repairs and minor replacement parts, and then comes chemical costs. These account for almost 70% of the total day to day operations costs, which are currently budgeted at approximately \$8.7 million per year. Increases to salaries and benefits have fortunately remained controllable, but the same cannot be said for equipment, chemicals and utilities. And we cannot cut back on these without jeopardizing the proper treatment of the wastewater we receive, because this would lead to violations of our State and Federal Environmental Permits.

A second imposing reason that costs will unavoidably continue to increase for Wastewater Treatment Plants is as basic as Father Time. In 1972 Congress passed the Clean Water Act. This led to significant expenditures to upgrade existing Waste Water Plants, as well as the construction of new ones, all across the nation. This includes Hatfield Township's facility. But during that period of time, there was Federal and State funding available to communities. In some cases, Federal Grants for construction were 75% of costs, and States would contribute an additional 12.5%. Then in the 1980's and 1990's, once the Treatment Plants were operational, States like PA began funding programs to help pay for the day-to-day

operations of Plants, promising 2% per year for 50 years of any further eligible construction costs needed to continue expanding the Treatment Plant as communities continued to grow. But this program was eliminated by the Legislature in 2013.

Then over the years many of the newer sewer lines throughout the system were paid for by developers, and in other cases by assessments to the property owners along whose property the sewer lines were constructed. Tapping fees for new construction funded many improvements, but the hard truth is that Hatfield Township does not have the open space for the large developments of the type previously built throughout the Township that provided those tapping fees.

Many of the original sewer lines and homeowner's connections to those lines continue to deteriorate as they age, causing extreme amounts of ground water to enter the pipes. Excessive ground water overburdens the sewer lines and the Treatment Plant into which it flows. In some extreme cases the excessive groundwater, referred to as Inflow and Infiltration (I/I) can cause sanitary sewer overflows from manholes. Over the past 10 to 15 years, we have made significant progress in reducing I/I, enlarging the main sewer lines, and constructing storage tanks to address excessive flow. But the problem continues, and will continue forever as the lines become older. The best we can do is to continue to decrease the problem, not eliminate it.

But now for the most part, the days of readily available government and developer funding has dried up or has been eliminated. However, most of the Treatment Plants, including HTMA's, are now 50 years old, and must continue operating, but as equipment wears out it must be replaced at costs now borne by the local rate payers. Not only must the Treatment Plants continue operating, but they must continue operating better, because Federal and State regulations continue to become tougher and tougher every year, and the costs for advanced treatment processes to meet these new regulations grows exponentially to the smaller benefit achieved. In other words, as an example, it might cost \$1 million to remove 95% of a particular pollutant from the wastewater, but the remaining 5% could cost \$5 million more to remove. Adding to this is that new and more severe regulations are being established for pollutants only recently discovered, such as PFAS. These are known as "forever chemicals" and will soon result in

extreme new requirements being placed not only on drinking water, but also on Wastewater Treatment Plants like ours, which will require additional significant costs to meet. Additionally, PA DEP is currently in the process of passing a new regulation for copper in wastewater that will cut HTMA's limit by a factor of 6x. HTMA will not be able to meet this limit without the use of new and more expensive chemical treatment, or possibly even expensive construction of advanced treatment. By the way, the majority of copper comes from homeowner water pipes that HTMA has no control over.

You have undoubtedly seen numerous news media reports in this area of potential sewer rate increases other nearby Wastewater entities are dealing with. One neighboring Township is raising their rate \$75 per year to \$482. Another one has approved a rate increase from the current \$450 per year to \$590 per year. Regardless of whether it does or does not involve the issue of privatization, the fact remains that the infrastructure of all of these facilities that got their start in the 1970s is wearing out. And in many cases, when 50-year-old equipment wears out, we can't just buy new parts to keep it functional because nobody makes the replacement parts anymore, or the manufacturer of the original equipment is not in business anymore. So, we have to buy entirely new equipment and have it retrofitted into the Plant.

Hatfield Township has had one of the lowest base sewer rates in the region, currently at \$390 per year after a rate increase in 2023, which is commendable due to the fact that it has to meet very stringent environmental criteria. This is because the effluent from our Plant makes up over 90% of the dry weather flow of the Neshaminy creek below our outfall. Effluent limits are based on dry weather flow, so the lower the flow of the receiving stream (Neshaminy Creek) the more stringent the effluent requirements become. And the more stringent the effluent requirements, the higher the operational costs.

Our plan for 2024 is to present a rate increase of 4%. That is \$1.30 per month. In 2023 we had a higher rate increase because we had to play catch-up. Now we need to try to stay ahead to meet the costs we know are coming. One of our largest costs in many years is fast approaching. The electrical grid in our Waste Water Treatment Plant is made up of components 40 to 50 years old, and has reached its useful life. Failure of this equipment which includes numerous high

voltage and medium voltage transformers, switchgear and breakers, transfer switches and much more could be catastrophic. Delivery of this type of equipment, even after a year of design and public bidding, will itself take one to two years. Preliminary estimates put this project at \$12 million to \$15 million. This is one of the most critical projects we've had to face in many years, but it is just one example of what we have to plan for now so that the funding is there when the bills start coming in. If we don't, we will have to borrow the money, yet still raise rates to pay back the loan with interest. Our last loan was in 1992 and since then we have been able to pay for close to \$20 million in capital improvements from a construction reserve fund kept solvent by timely and appropriate rate increases. But the amount of funding we have in construction reserve is nowhere near the total costs of our upcoming essential projects.

We are diligently applying for both Federal and State Grants for our large projects. We have met with our local State Senator and Representative to garner their support. We have also received letters of support from US Representative Brian Fitzpatrick's office for our Grant Applications. But regardless of whether or not we receive any Grant money, our projects must continue, and we cannot hope for costs to decrease and significant Grants to be provided.

HATFIELD TOWNSHIP MUNICIPAL AUTHORITY
SUMMARY OF ESTIMATED INCOME
April 1, 2024 to March 31, 2025

Proposed Residential: \$405.60 per year per EDU base rate (\$101.40 per quarter)
Commercial: \$494.46 per year per EDU base rate (\$123.62 per quarter)
Industrial: \$5.32 per 1000 gallons base rate
Residential with garbage disposal, add 20%.

OPERATIONS INCOME

PROPOSED

PROJECTED

Sewer Use Fees - Residential	\$3,591,896
Sewer Use Fees - Commercial	\$632,544
Sewer Use Fees - Industrial	\$1,177,020
Penalties and Interest	\$30,000
Connection Fees	\$6,200
Certifications	\$3,200
Montgomery Township Sewer Rental	\$1,195,000
Hatfield Borough Sewer Rental	\$560,000
Franconia Township Sewer Rental	\$222,800
Trucked Waste - Sludge Revenue	\$535,000
Trucked Waste - Septic/Holding Tank Revenue	\$975,000
Interest on Construction Reserve	\$225,000
Television/Jet Vac Services	\$1,500
Miscellaneous Revenue	\$4,000
<u>TOTAL OPERATIONS INCOME</u>	<u>\$9,159,160</u>

<u>CAPITAL INCOME</u>	<u>PROJECTED</u>
Tapping Fees	\$140,000
Montgomery Township Capital	\$1,232,532
 <u>TOTAL CAPITAL INCOME</u>	 \$1,372,532
 <u>TOTAL BUDGETED RECEIPTS</u>	 \$10,531,692
Construction Reserve Funds Used or (Invested)	Used <u>\$2,645,767</u>
 <u>TOTAL PROJECTED FUNDS AVAILABLE</u>	 <u>\$13,177,459</u>

Miscellaneous Annual Area Residential Base Sewer Rates

Towamencin	\$590 per EDU
Upper Gwynedd	\$485 per EDU
Chalfont	\$640 per EDU
Franconia Twp	\$720 per EDU
Montgomery	\$536 per EDU
Northampton Bucks	\$775 per EDU
Horsham	\$644 per EDU
Perkasie	\$660 per EDU
Lansdale	\$580 per EDU

Average Aqua PA Annual Rate*	\$999.08 per EDU
Average PA American Water Annual Rate*	\$1,277.00 per EDU

*From rates published in The Reporter

HATFIELD TOWNSHIP MUNICIPAL AUTHORITY
SUMMARY OF ESTIMATED EXPENSES
April 1, 2023 to March 31, 2024

<u>OPERATIONS EXPENSES</u>	<u>PROJECTED</u>
PAYROLL	
Management/Administration	\$425,000
Operators	\$2,450,000
Occasional Labor	\$30,000
Office Salaries	\$205,000
Overtime (All Catagories)	\$245,000
<u>TOTAL - PAYROLL</u>	\$3,355,000
BENEFITS AND TAXES	
Group Insurances	\$850,000
Unemployment Compensation	\$9,000
Retirement Plan Contributions	\$370,000
Tri-Annual Medical Examinations and Shots	\$35,000
Social Security	\$261,900
Education/Training/Dues/Subscriptions	\$24,500
<u>TOTAL - BENEFITS AND TAXES</u>	\$1,550,400
UTILITIES	
Electric - Treatment Plant	\$615,000
Electric - Pump Stations	\$17,500
Gas - Treatment Plant	\$235,000
<u>SUB-TOTAL (Electric and Gas)</u>	\$867,500

UTILITIES, CONT.

PROJECTED

Water	\$2,000
Refuse	\$14,000
Ash Disposal	\$105,000
Sludge Removal	\$55,000
Screenings Disposal	\$28,000
Telephone	\$15,600

<u>TOTAL - UTILITIES</u>	\$1,087,100
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PROCESS CHEMICALS

Ferric Chloride	\$95,000
Polymers	\$145,000
Other Chemicals	\$185,000

<u>TOTAL - PROCESS CHEMICALS</u>	\$425,000
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LABORATORY

Chemicals and Glassware	\$16,500
Equipment and Maintenance	\$17,500
Contract Lab Analysis	\$165,000

<u>TOTAL - LABORATORY</u>	\$199,000
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MAINTENANCE

Cleaning Supplies	\$12,000
Plant Maintenance/Repair	\$625,000
New Equipment - Plant	\$125,000
Outside Contractors - Plant	\$85,000

<u>TOTAL - MAINTENANCE</u>	\$847,000
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ROAD CREW	<u>PROJECTED</u>
Materials and Small Tools	\$4,500
Outside Contractors	\$95,000
Sewer Line Maintenance	\$110,000
<u>TOTAL - ROAD CREW</u>	\$209,500
VEHICLES	
Gas and Oil	\$28,000
Repairs and Maintenance	\$34,000
<u>TOTAL - VEHICLES</u>	\$62,000
INSURANCE	
General Liability	\$175,000
Workman's Compensation	\$100,000
<u>TOTAL - INSURANCE</u>	\$275,000
OFFICE	
Postage	\$16,000
Computer Maintenance Contract	\$9,800
Office Supplies and Expenses	\$155,000
Legal Advertisements	\$6,000
<u>TOTAL - OFFICE</u>	\$186,800
LANSDALE SEWER RENTALS	\$10,000
TOWAMENCIN SEWER RENTALS	\$125,159

PROFESSIONAL SERVICES	<u>PROJECTED</u>
Consulting Engineer - Operations	\$25,000
Other Engineer Services	\$180,000
Legal Fees	\$125,000
Accounting and Audit	\$17,500
Board Fees	\$3,000
<u>TOTAL - PROFESSIONAL SERVICES</u>	\$350,500
MISCELLANEOUS	\$15,000
<u>TOTAL OPERATING EXPENSES</u>	\$8,697,459
<u>TOTAL OPERATIONS AND DEBT SERVICE</u>	\$8,697,459

PROJECT EXPENDITURES	<u>PROJECTED</u>
2022 Sewer I/I Work	\$135,000
2022 I/I Mitigation Plan Implementation	\$70,000
Plant Paving	\$40,000
Annual Stack Test	\$45,000
Office Expansion	\$400,000
Centrifuge Rehab	\$100,000
Trucked Waste Aeration Diffusers	\$50,000
Schreiber Diffusers	\$75,000
Electrical Upgrades	\$2,000,000
Flood Wall	\$350,000
RTO Control System	\$210,000
Centrifuge Gearbox	\$90,000
Replace Secondary Clarifier Drain Valve(s)	\$100,000
Concrete Restoration at Ash Rolloffs	\$50,000
Sludge Dump Station Helisieve	\$90,000
RTO Rehab - Parts	\$90,000
Bar Screen for Headworks	\$65,000
Demolish one old primary tank	\$150,000
New IR pumps (2 of 6)	\$100,000
New RAS pumps (2 of 6)	\$100,000
Secondary Scraper Blades	\$35,000
Secondary Brushes	\$40,000
VFD for centrifuge	\$40,000
Cardigraph Data Management	\$55,000
<u>TOTAL PROJECT EXPENDITURES</u>	\$4,480,000
<u>TOTAL PROJECTED EXPENSES</u>	\$13,177,459



MEMORANDUM

To: Aaron Bibro, Township Manager

From: Donald Delamater, Director of Building and Zoning

Subject: Department Year End Report - 2023

Date: February 1, 2024

I am happy to submit a year-end recap for the Department of Building, Zoning and Code Enforcement. The following information is a big picture of all activities that took place in 2023 with all of the permitting information derived from the Traisr system. Also included is data from the Township's Fire Marshal, Code Enforcement Officer and the Zoning Hearing Board.

Since the COVID years ended, the department has been very busy with our inspection programs and major development activity taking place in the Township. This past year was no different. I want to again commend the department staff (Cathy Basillii, Angie Johnson, Carla McGann (part-time), Mike Waldron, Mike McCann & Mike McMahon) along with Lisa Hunsberger for all their hard work and dedication to Hatfield Township. I have now experienced a full year's worth of activity and it is evident that they are all consummate professionals and function efficiently as a team to get all the work completed. The department processed over 2,200 permit applications in 2023. In comparison, we processed over 2,300 permits in 2022 so the work load has not slowed down. In addition to the inspections required for these new applications, we continue to inspect projects that are ongoing from 2022 and before. Some applications are simple to process but, many required a more detailed approach to process with follow-up communications with the applicants. However, all permit applications require a thorough review to ensure everything is accurate and the projects meets at township zoning, building and fire codes.

During 2023, the staff continued to be consumed with two major residential developments (Pulte and NV Homes) as well many large warehouse projects which were all involved with construction activities. The Pulte development will continue for the next few years, but the NV Homes development was substantially wrapped up in 2023 and only final inspections will be needed on the remaining homes in 2024. Again, the following is a general recap of the activities for the Department of Building, Zoning and Code Enforcement:

Total Permits Applied for and Processed in 2023

Permit Type	# of Permits
Accessibility	25
Building	539
Earth Disturbance	22
Electrical	388
Fire Protection	96
Mechanical	265
Plumbing	338
Road Opening	19
Temporary Access Certificate	12
Temporary Use & Occupancy	2
Use and Occupancy	346
Zoning	174
Total	2,227

From these numbers, the department completed 58 building permit applications for the Pulte residential development and issued 59 U&O permits for that same development. In addition, the department completed 13 building permit applications for the NV Homes development and issued 10 U&O permits. Even though these numbers do not appear significant compared to the total numbers for the year, these two developments continued to consume a significant amount of manhours between the permits processing, reviews and the inspections. Again, thanks to the efforts of the staff in coordinating and keeping these projects moving forward.

In addition to the residential construction activity, we continued to be consumed by a significant amount of warehouse/commercial activity. In addition to the 2023 permits for new space and fit-outs, the township inspectors were deeply involved with some ongoing large commercial developments that included the Turn 14 warehouse expansion project, the Nappan warehouse project on Bethlehem Pike, and the Clemen's sewer plant project. New technologies being used in the warehouses continue to be challenging to ensure that they conform to current building and fire codes.

Fire Marshal's Office and Office of Emergency Management Statistics for the Year 2023 Mike Waldron	
ACTIVITY	TOTALS
Fire Marshal / Deputy Fire Marshal responses with the fire department	88
Township staff responses to supplement volunteer firefighters (Code Enforcement Officer and Public Works) (Individual Responses)	213
Fire origin & cause investigations	24
Civilian fire / burn injuries	5
Civilian fire deaths	2
Hazardous condition investigations	24
Individual buildings or spaces to be inspected under the Fire and Life Safety Inspection Program (Does not included individual apartment units)	1,089
Fire and life safety inspections - non-residential	449
Fire and life safety inspections - non-residential U&O	27
Floor space added in 2023 to be inspected under the Fire and Life Safety Inspection Program in 2024	960,903 sq.ft.
Percentage of non-residential occupancies with code violations found during the initial inspection	81%
Fire and life safety inspections - apartment units	2135
Apartment units added in 2023 to be inspected under the 2024 Fire and Life Safety Inspection Program	28
% of apartment units with code violations found during the initial inspection	66%
Fire and life safety inspections - residential U&O	174
Fire code violation notices sent	31
Fire code citations issued	12
Public education activities	4
Public education activity attendees (400% increase from 2022)	124
Smoke detectors distributed	12
Emergency Management operations	1
Land Dev, Subdivision, Zoning, construction & fire protection plan reviews	185
Construction inspections & meetings*	263
Phone calls handled**	449
Training hours - building / fire codes	33.25
Training hours - fire investigation	3
Training hours - Emergency Management	40
Training hours - hazardous materials	87
Training hours - code enforcement	1
Training hours - misc. topics	13
Lives saved / fires and property damage prevented	Unmeasurable

* Only represents a single scheduled inspection timeslot on the schedule. Multiple inspections may have been completed during that time.

** Estimate only. Not all staff members keep records.

Fire Department Activity for the Year 2023	
ACTIVITY	AMOUNT
Colmar Fire Company dispatches	232
Hatfield Fire Company dispatches	314
Fire department dispatches (total)	546
Colmar Fire Company in township dispatches	131
Colmar Fire Company out of township dispatches	101
Hatfield Fire Company in township dispatches	194
Hatfield Fire Company out of township dispatches	120
Fire department dispatches in Hatfield Township (total)	325
Colmar Fire Company response time* in Hatfield under 9 minutes per NFPA 1720 (%)**	20.6%
Hatfield Fire Company response time* in Hatfield under 9 minutes per NFPA 1720 (%)**	93%
Colmar Fire Company no response at 9 minute mark	36
Hatfield Fire Company no response at 9 minute mark	6
INCIDENT TYPES	
Building/Appliance/Cooking fires	74
Vehicle/Outside fires	23
Fire alarm system activations: faulty system/malfunctions	78
Vehicle accidents	43
Hazardous materials: spills/leaks, carbon monoxide, natural gas, ammonia	33
Assist EMS: cardiac arrest, lifting	73

SIGNIFICANT INCIDENTS
2/1/2023 17B Whitemarsh Lane - building fire, 4 apartment units
5/3/2023 2058 Maple Avenue AL1-8 - building fire, kitchen
5/12/2023 2873 Washington Lane - dwelling fire with 2 civilian fatalities
6/22/2023 1631 School Road - dwelling fire
9/30/2023 2700 Clemens Road Oil Spill - 275 gallon oil spill in waterway

*Response time = dispatch time until arriving at incident scene.

**The National Fire Protection Association (NFPA) Standard # 1720 establishes a maximum response time of 9 minutes for the first arriving fire apparatus, 90% of the time for volunteer fire departments in municipalities meeting Hatfield Township's demographics.

Code Enforcement Officer, Mike McCann

The summary for 2023 calendar year is as follows (please note that some of these numbers may be included in the Fire Marshal's report):

Fire Inspections	103
Fire Investigations	4
Re-inspections	54 Commercial, 12 Apartments
Apartment Inspections	2,123
Residential/Commercial U&Os	169 Residential, 8 Commercial
Code Enforcement	107 Complaints
Plan Reviews	0
Alarm/Suppression Test	0
Construction Site Inspections	104 (mostly closing out open permits & 28 for Fire Marshal)
Meetings with Business Owners	19
Meetings with Township Staff	30
Public Education	1 (fire extinguisher training for commercial business employees)

Last year, Mike spent 42 hours in training classes ranging from 1hr on line webinars to a three-day training class with Pennsylvania Association of Arson Investigators. All of the classes attended are used for continuing education hours required by; the ICC/ PA L&I for construction certifications, NFPA for fire inspection certification, National Association of Fire Investigators for fire investigation certification and PEMA for Emergency Management certification. The breakdown in hours is as follows:

- Construction/ Fire Inspection- 21 hours
- Fire Investigation- 0 hours
- Emergency Management- 14 hours
- Code Enforcement- 1

Mike also continued to work with the new part time employee, Mike McMahon, with the performance of Fire Inspections.

Finally, Mike responded to 66 fire calls during the work day in 2023. He responded to 38 calls with the Hatfield Fire Company and 28 calls with Colmar Fire Company. This added up to 43.75 hours of work time during the year. Mike continues to use his best judgement when responding to fire calls and returning to work as soon as possible so that his work schedule is not disrupted too much.

Zoning Hearing Board Applications/Decisions

App #	NAME	ADDRESS	DATE	DECISION
Z23-01	Earl DeBarth	1337 N Broad Street, Lansdale	1/26/23	Granted w/Cond.
Z23-02	Corner Book LLC	958 Old Bethlehem Pike, Colmar	1/26/23	Granted w/Cond.
Z23-03	Arbor Commercial 2 Corp	83(aka 107) Bethlehem Pike, Colmar	2/23/23	Granted w/Cond.
Z23-04	WB Homes Land Acquisition LP	1513 N Broad St, Lansdale	1/26/23	Granted w/Cond.
Z23-05	Bergey's Realty Co. (Kia)	713 Bethlehem Pike, Colmar	1/26/23	Granted w/Cond.
Z23-06	Prabela Investors LLC (Monaravi)	2618 N Broad St., Colmar	2/23/23	Granted w/Cond.
Z23-07	Turn 14 Distribution, Inc	3035 Campus Drive, Condo C, Hatfield	2/23/23	Granted w/Cond.
Z23-08	AARPAR Inc. – Ritesh Patel	2702 Elroy Road, Hatfield	2/23/23	Granted (2 yr ext)
Z23-09	ABH Builders, Inc.	Vacant Land @ Norman Ave & Filbert (paper st), Hatfield	3/23/23	Granted w/Cond.
Z23-10	Share Food Program	1111 N Broad Street, Lansdale	3/23/23	Granted w/Cond.
Z23-11	1101 Broad, LLC	1101 N Broad Street, Lansdale	4/27/23	Granted w/Cond.
Z23-12	Mikhail Ledovskoi	3186 Unionville Pike, Hatfield	5/25/23	Granted w/Cond.
Z23-13	5 StarNE, LLC	2262 N Penn Rd, Suite A, Hatfield	5/25/23	Granted w/Cond.
Z23-14	1101 Broad, LLC	1101 N Broad Street, Lansdale	6/29/23	Granted w/Cond.
Z23-15	Alliance Housing Development	2600 Cowpath Road, Hatfield	6/29/23	Granted (2 yr ext)
Z23-16	A&C Real Estate, LLC	3012 & 3016 Bethlehem Pk, Hatfield	7/20/23	Granted w/Cond.
Z23-17	Edmund & Colleen Bresnahan	1600 Lynrose Circle, Hatfield	9/28/23	Granted w/Cond.
Z23-18	Jeffrey Fink	2966 East Walnut Street, Colmar	9/28/23	Granted w/Cond.
Z23-19	VegTrug USA, Inc	1900 Bethlehem Pk, Suite 130, Hatfield	9/28/23	Granted w/Cond.

Z23-20	Kerrstead Farm Family LLC	2544 & 2504 Trewigtown Road, Colmar	9/28/23	Granted w/Cond.
Z23-21	Light of Mine LLC	2321 N Broad Street, Colmar	9/28/23	Granted w/Cond.
Z23-22	Hatfield Twp Municipal Authority	3200 Advance Lane, Colmar	10/26/23	Granted w/Cond.
Z23-23	Corner Brook LLC	958 Old Bethlehem Pike, Colmar	10/26/23	Granted w/Cond.
Z23-24	Hatfield Volunteer Fire Co.	380 Fairgrounds Road, Hatfield	10/26/23	Granted w/Cond.
Z23-25	John Devlin	2036 Roosevelt Blvd, Hatfield	10/26/23	Granted w/Cond.

In addition, the following open Zoning Hearing Board application that was continued for a length of time has officially been withdrawn by the applicant:

Z22-16	Habitat for Humanity	2748 Cowpath Road, Hatfield	7/28/22	Withdrawn 1/8/24
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Boyle Construction, Inc
1209 Hausman Road, Suite B
Allentown, PA 18104

www.boyleconstruction.com

tel 484-223-0726
fax 484-223-0767

February 5, 2024

Mr. Aaron Bibro, Township Manager
Hatfield Township
1950 School Road
Hatfield, PA 19440

Re: Hatfield Township - New Police Station
Recommendation of Award Letter
Electrical Construction Contract Rebid-BP5
BCI Project #22119.01

Dear Aaron,

Per your request, we have carefully reviewed five (5) bid(s) received for the Electrical Construction Contract Rebid for the above-referenced project. See attached bid tab and a copy of the bid submitted.

The following was submitted by AJM Electric, Inc. for the Electrical Construction Contract on Hatfield Township-New Police Station. The bid documents should be reviewed and approved by the Board to determine if they are acceptable.

- Bid Proposal Form
- Bid Bond
- Agreement of Surety & Power of Attorney
- Non-Collusion Agreement
- Non-Discrimination/Sexual Harassment Clause
- Bidder's Qualifications Statement and Financial Disclosure Form
- Public Works Employment Verification Form

Boyle Construction, Inc. has reviewed all of the above information and submitted bid documents. All documents appear to be complete and in compliance with the invitation to bid and the bid documents.

We have also received the Schedule of Values (SOV) and subcontractors list. Boyle has worked with AJM Electric, Inc. on many projects previously. We have checked references and gone thru their financial statement and we feel AJM Electric, Inc. meets all qualification requirements.

Upon Approval by the Board, we will request Performance and Payment Bonds, Insurance Certificate and No-Lien Agreement from AJM Electrical, Inc. through a letter of intent.

Pending approval of the Board of the bid package submission materials, and subject to the review and approval of the materials to be submitted by AJM Electrical, Inc., we recommend Hatfield Township Board of Commissioners consider an award of the Electrical Construction Contract to AJM Electrical, Inc. as follows:

Total Base Bid which includes the following Allowances:	\$1,592,415.00
---	----------------

EC-1 – Owner Contingency Allowance \$50,000.00
EC-2 – Switch \$9,440.00
EC-3 – Duplex Wall Receptacles and Wiring \$20,000.00
EC-4 – Duplex Wall Receptacles and Wiring GFCI \$10,075.00
EC-5 – Data Outlet and related Wiring and Cabling \$5,400.00
EC-6 – Light Fixture and Wiring Type A1 \$3,000.00

Alternates Accepted:

Alternate # 1 – Firing Range - ADD	\$ 140,000.00
Alternate #2 – Access Drive – ADD	<u>\$ 150,000.00</u>

TOTAL BID	\$1,882,415.00
------------------	-----------------------

If you have any questions or would like to meet to further discuss this matter, please do not hesitate to contact us.

Regards,
Boyle Construction, Inc.



Tony M. Ganguzza, P.E.
Vice President of Preconstruction Services

cc:

Scott Hutt, Assistant Manager, Hatfield Township (via email)
Chief William Tierney, Police Chief, Hatfield Township (via email)
Allison Klinger, Godshall Kane O'Rourke Architects, LLC (via email)
Christian Donovan, Senior Project Manager, Boyle Construction, Inc. (via email)
Mike Tyburski, Project Manager, Boyle Construction, Inc. (via email)

Attachments: AJM Electric, Inc. - Bid Documents
Copy Electrical Bid Tab

				Total Cost Selected # Selected (\$)			AJM Electric, Inc. \$ 1,783,555.0 0 \$ 0			Brendan Stanton Inc. \$ 2,216,750.0 0 \$ 0			Schipsi Electric LLC \$ 1,901,973.0 0 \$ 0			Wise Electrical Contractors LLC \$ 2,283,350.0 0 \$ 0			Yates Electrical Service, Inc. \$ 2,100,000.0 0 \$ 0		
#	Locked	Items	Selected	Lowest	UnitofMea	QuantityRequired	UnitPrice	Comment	TotalCost	UnitPrice	Comment	TotalCost	UnitPrice	Comment	TotalCost	UnitPrice	Comment	TotalCost	UnitPrice	Comment	TotalCost
1		Base Bid Pricing (1)																			
#1-1		Total Base Bid cost per the scope of work defined within the documents included any and all Allowances	\$ 0	\$ 1,592,415.0	LS	1	\$ 1,592,415.0		\$ 1,592,415.0	\$ 1,954,750.0		\$ 1,954,750.0	\$ 1,782,411.0		\$ 1,782,411.0	\$ 1,939,550.0		\$ 1,939,550.0	\$ 1,895,000.0	Base	\$ 1,895,000.0
2		Alternates (5)																			
#2-1		A. Alternate No. 1: Firing Range (Add, Deduct, No Change)	\$ 0	\$ 131,102.0	LS	1	\$ 140,000	Add	\$ 140,000.0	\$ 175,500.0	ADD	\$ 175,500.0	\$ 131,102.0		\$ 131,102.0	\$ 157,800. x		\$ 157,800.0	\$ 135,000.0	Add	\$ 135,000.0
#2-2		B. Alternate No. 2: Access drive from New Police Station site to Orvilla Road (Add, Deduct, No Change)	\$ 0	\$ 110,000.0	LS	1	\$ 150,000	Add	\$ 150,000.0	\$ 132,000.0	ADD	\$ 132,000.0	\$ 133,382.0		\$ 133,382.0	\$ 186,000. x		\$ 186,000.0	\$ 110,000.0	Add	\$ 110,000.0
#2-3		E. Alternate No. 5: Spare Conduit for EV Stations (Add, Deduct, No Change)	\$ 0	\$ -20301	LS	1	\$ 5,000.0	Add	\$ 5,000.0	\$ -6000	DEDUCT	\$ -6000	\$ -20301		\$ -20301	\$ 0		\$ 0	\$ -5000	Deduct	\$ -5000
#2-4		F. Alternate No. 6: Trenching and Backfilling (Add, Deduct, No Change)	\$ 0	\$ -93306	LS	1	\$ -80000	Deduct	\$ -80000	\$ -22000	DEDUCT	\$ -22000	\$ -93306		\$ -93306	\$ 0		\$ 0	\$ -10000	Deduct	\$ -10000
#2-5		G. Alternate No. 7: CCTV Vendor Cabling (Add, Deduct, No Change)	\$ 0	\$ -31315	LS	1	\$ -23860	Deduct	\$ -23860	\$ -17500	DEDUCT	\$ -17500	\$ -31315		\$ -31315	\$ 0		\$ 0	\$ -25000	Deduct	\$ -25000



Boyle Construction, Inc
1209 Hausman Road, Suite B
Allentown, PA 18104

www.boyleconstruction.com

tel 484-223-0726
fax 484-223-0767

February 6, 2024

Mr. Aaron Bibro, Township Manager
Hatfield Township
1950 School Road
Hatfield, PA 19440

Re: Hatfield Township - New Police Station
Recommendation of Award Letter
Costars Firing Range
BCI Project #22119.01

Dear Aaron,

Per your request, we have solicited proposals and have carefully reviewed two (2) costars vendor bid(s) received for the Firing Range for the above-referenced project. Action Target was bid at \$844,410.00 and D5 was bid at \$778,629.93.

The following was submitted by Action Target for the Firing Range on Hatfield Township New Police Station. Costars documentation provided are as follows:

- Bid Proposal Form
- Bill Of Materials included in the Bid Proposal
- **Action Target Costars #361137**

Boyle Construction, Inc. has reviewed the above information and submitted bid documents. Documents appear to be complete and in compliance with the RFP sent out. Boyle has worked with Action Target other projects and we feel they meet all qualification requirements.

Upon approval by the Board, we will request through a letter of intent that Action Target prepare and submit a full submittal for review and approval, and once approved, we will authorize the ordering of the equipment. We have also reviewed the proposals with staff, and both Boyle and staff feel awarding to Action Target is best for the project based on past experiences and scope and quality of work.

We recommend Hatfield Township Board of Commissioners award the Costars Firing Range package to Action Target, for Eight Hundred Forty Four Thousand Four Hundred Ten Dollars (\$844,410.00). The breakdown of the bid is \$447,960.00 for range fitout and \$395,450.00 for HVAC supply and install.

Action Target has agreed that if we can get Guy Cooper, the Mechanical Prime Contractor, to install the HVAC cheaper than Action Target's price of \$99,500.00, we can deduct the HVAC install from their contract.

If you have any questions please do not hesitate to contact us.

Regards,
Boyle Construction, Inc.

A handwritten signature in black ink, appearing to read "Tony M. Ganguzza". The signature is fluid and cursive, with the first name "Tony" being more prominent.

Tony M. Ganguzza, P.E.
Vice President of Preconstruction Services

cc: Scott Hutt, Assistant Manager, Hatfield Township (via email)
Chief William Tierney, Police Chief, Hatfield Township (via email)
Allison Klinger, Godshall Kane O'Rourke Architects, LLC (via email)
Christian Donovan, Senior Project Manager, Boyle Construction, Inc. (via email)
Mike Tyburski, Project Manager, Boyle Construction, Inc. (via email)

Attachments: Action Target Bid Documents



RANGE PROPOSAL

ACTION TARGET PROPOSAL

Thank You,

For allowing Action Target the opportunity to quote your range project. With over 35 years of experience, we appreciate you trusting us to meet the challenges of building your ideal facility.

Hatfield Twp. Police Dept., PA - Formal Proposal

Quotation Number: 143953/143952

Prepared by: Tyler Mousser

Email: tmousser@actiontarget.com

Phone: 801-396-1246



3411 Mountain Vista Pkwy, Provo Ut 84606
ActionTarget.com | 888.377.8033

PRICING TABLE	Price
<p>Tactical Shooting Range: 4 Lanes, 20'8" wide, 25 yd shooting distance</p> <p>(4) Fixed Lateral 360 Electric Turning Targets w/ tablet control</p> <ul style="list-style-type: none"> • Inverted 360 degree electric turning target system • Adjustable target spacing across track • Ballistic shield protection • Redundant controls: fixed touchscreen, wireless tablet • Requires (1) 120 v 16 FLA power supplies down range. (Not included by ATI) • (1) up range 120v 16 FLA power supplies (Not included by ATI) <p>SmartRange Axis - Range Controls</p> <ul style="list-style-type: none"> • (1) Fixed Master Control Screen to simultaneously control all lanes • (1) Wireless Tablet Control Screens • Program/Lane management tool which allows training staff to run all lanes from a wireless tablet. • Allows for the creation of new programs which can be saved to individual files. • Lane management tool to allow range staff to schedule lane time and provides the RSO real time information for safety and training. <p>Tactical Overhead Ceiling Baffles – U.S. Patent #5822936</p> <ul style="list-style-type: none"> • Tactical layout • 3/8" AR500 steel for rifle use • 1" Beveled PEPP Acoustic Fascia • Does not include overhead structure to hang baffles • No field welding required. <p>Rubber Berm Trap – U.S. Patent 6378870</p> <ul style="list-style-type: none"> • Rifle rated not including 50 BMG • Class A Flame Lock fire retardant • Structural Rubber Berm Trap design • 10 ga. Steel deck • Proprietary fin design to reduce trap maintenance <p>2" Thick PEPP Acoustical Treatment</p> <ul style="list-style-type: none"> • Covers 50' down range on each side wall to 8' high • Covers 20'8" wide by 10' high of the range back wall • Fire treated 2x4 furring, 1.5" CFAB insulation • Class A fire rated, .90 NRC (Noise Reduction Coefficient) <p>2" Thick Rubber Acoustical Panel</p> <ul style="list-style-type: none"> • Covers 50' down range on each side wall to 8' high • Fire treated 2x4 furring <p>Sliding Ballistic Door</p> <p><u>Installation & Shipping</u></p> <ul style="list-style-type: none"> • Includes Full Action Target Installation at prevailing wages • Assumes forklift access to range 	<p>\$447,960.00</p>

PRICING TABLE	Price
<ul style="list-style-type: none">Includes Shipping to destination	
Trusted Partner 3-Year Warranty - Comprehensive Trusted Partner Warranty covers both parts and labor due to manufacturing or product defects.	\$0.00

Total **\$447,960.00**

ACTION TARGET RANGE VENTILATION	Price
<p>Action Target Range Ventilation System: Recirculation System with Mechanical Cooling</p> <ul style="list-style-type: none"> • Design, furnish and install Range HVAC System • Certified to meet all OSHA, EPA and NIOSH regulations • 75 ft/min laminar airflow • Camfil Bag filters w/ Full HEPA Filtration • SmartRange AXIS Master Control system <p>Action Target's typical offering.</p>	\$396,450.00

ACTION TARGET RANGE VENTILATION	Price
<p>Action Target Range Ventilation System: Recirculation System with Mechanical Cooling</p> <ul style="list-style-type: none"> • Design, furnish and install Range HVAC System • Certified to meet all OSHA, EPA and NIOSH regulations • 75 ft/min laminar airflow • Camfil Bag filters w/ Full HEPA Filtration • SmartRange AXIS Master Control system <p>"Customer Install" - Does not include any installation of the HVAC units or ductwork. See the below responsibilities break down.</p>	\$296,950.00

ACTION TARGET RANGE VENTILATION	Price
<p>Action Target Range Ventilation System: Recirculation System with Mechanical Cooling</p> <ul style="list-style-type: none"> • Design, furnish and install Range HVAC System • Certified to meet all OSHA, EPA and NIOSH regulations • 75 ft/min laminar airflow • Camfil Bag filters w/ Full HEPA Filtration • SmartRange AXIS Master Control system <p>"Critical Components Only" - See the below responsibilities breakdown.</p>	\$115,240.00

TRUSTED PARTNER WARRANTY™

3-YEAR COMPREHENSIVE COVERAGE

Action Target's 3-year Trusted Partner Warranty is peace of mind for gun ranges. It is uninterrupted training for those that serve. It is a resounding pledge from Action Target to its customer's success as the Trusted Partner at Every Level™.

Our Promise

The comprehensive Trusted Partner Warranty covers both parts and labor due to manufacturing or product defects.



LEARN MORE

ActionTarget.com/TrustedPartnerWarranty

CORE PRODUCTS COVERED

- Genesis™ Target Retriever
- Pilot™ Target Retriever
- SmartRange Axis™ Range control
- DRM Pro™
- Shooting Stalls
- Rubber Berm Trap
- Line of Fire™
- Vortex™ Steel Trap
- Baffles and Deflectors
- Turning targets
- Auto Targets™
- MATCH™
- TAC House™



Customer Support

24/7 Support | Remote Access | Inventory | Nation-Wide Reps | 3-Year Warranty

Action Target is always on call to help with warranty issues. Many items are remotely accessible, allowing us to quickly trouble shoot. We also maintain inventory to minimize service time.



FIXED LATERAL 360

UNIQUE FEATURES, ADVANCED TRAINING

The Fixed Lateral 360 system allows inverted targets to be repositioned laterally along a fixed rail, spaced apart or in groups, without the use of tools. Used in conjunction with the DRM Pro™ target system, these targets can represent bystanders or threats to simulate real-world scenarios.

360° Turning

Targets can turn 90, 180, and 360 degrees in the blink of an eye.

Ballistic

Exposed downrigger is built using AR500 steel to resist damage from bullets.

Quiet

Electric motor operates quietly, preventing shooters from anticipating movement.

Connected

Integrates with our range control software for advanced features and functionality.



LEARN MORE

ActionTarget.com/Fixed-Lateral-360

FEATURES

- 360° Turning
- Ballistic AR500 Steel Downrigger
- Low Maintenance
- Advanced Quick Release Clamp
- Lateral Repositioning
- Electrical



SMARTRANGE AXIS™

ENHANCED RANGE CENTRAL CONTROL

SmartRange Axis™ is a powerful range management solution that truly puts total range control at your fingertips. The user-friendly interface gives you complete control over target systems, lane management, and range systems, maximizing range usage and user experiences.

Lane Management

SmartRange Axis' Lane Management is second to none, offering the ability to enter shooters' names, assign unique permissions, and designate lane time limits.

Unique Permissions

User profiles are created by ranges and assigned to shooters at check-in. Each user profile carries unique permissions for program access and editing, lighting control, and equipment features. This allows ranges to tailor each session based on criteria such as range staff roles, membership level, etc.

Range System Control

SmartRange Axis offers unparalleled simplicity, control, and integration of range essentials on one easy-to-use platform.

- Genesis and Pilot retrievers
- HVAC
- DRM Pro
- Fixed Turning Target System
- Fixed Lateral 360 Target System

Program Creation

Build dynamic programs and organize them by folder. Control exposure time, edge time, and cycle count. Or establish random parameters for a truly unpredictable and challenging training session.

Timed Drills

Set up and execute timed drills with customized target exposure times, cycle counts, and retriever speed for training or qualification.

Action Target Connected

SmartRange Axis uses a range server that connects with Action Target's cloud network. This provides access to analytics, remote troubleshooting, system improvements, and content updates for improved and streamlined business processes. As the building block for the future, Smart-Range Axis will continue to grow and serve as a central element for all range operations.

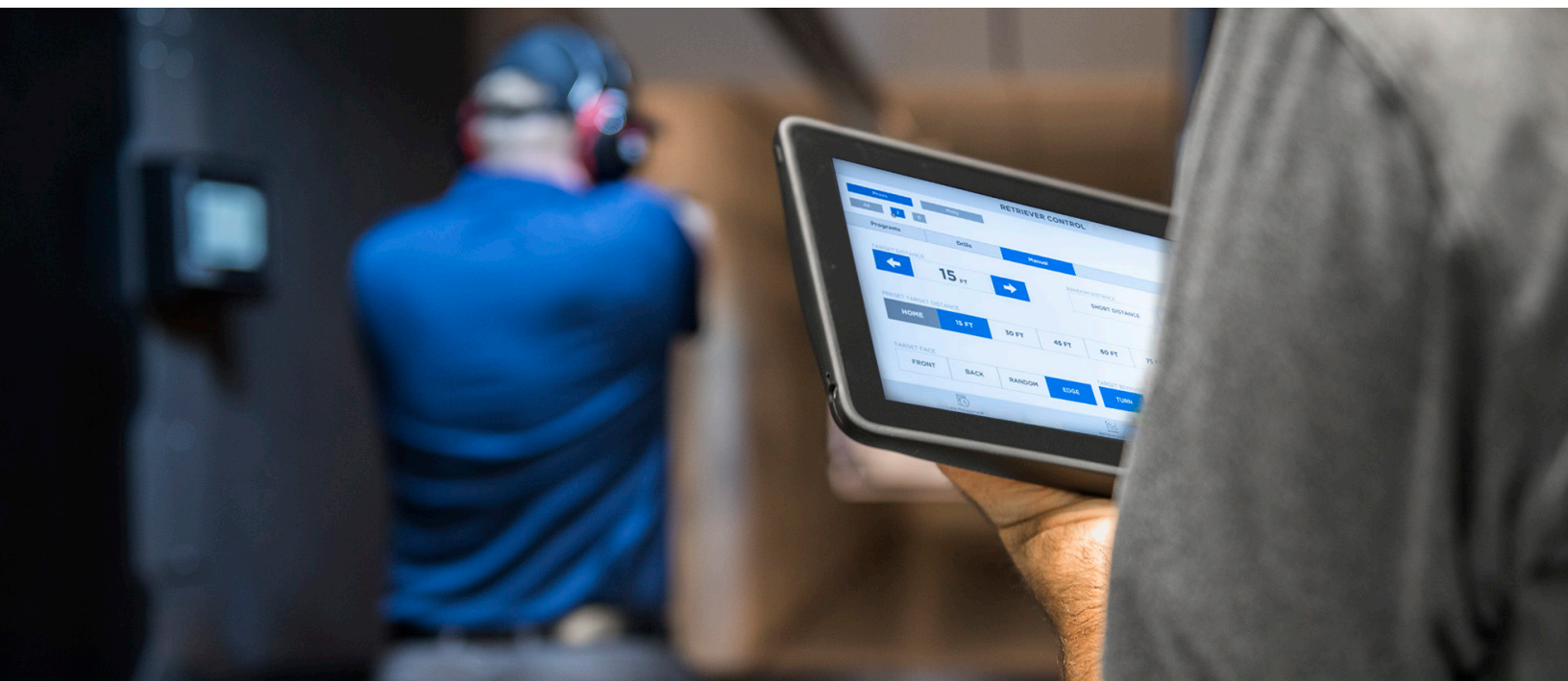


LEARN MORE

ActionTarget.com/SmartRange

FEATURES

- Multiple-lane management
- Program management and creation
- User profiles
- Connected to Action Target cloud
- Language support options
- Genesis and Pilot retriever management
- HVAC integration
- DRM Pro integration
- FTTS integration
- FTL 360 integration



CEILING BAFFLES

COVERAGE YOU CAN COUNT ON

Using a patented design, Action Target's ceiling baffles provide ballistic protection for ceiling structures, lights, electrical, and ventilation systems while keeping shooters and range employees safe.

Customizable

Action Target's ceiling baffles are compatible with various fascia options, range sizes, and ballistic ratings.

Modular Design

Ceiling baffles are designed to make installation possible in small spaces and facilitate the replacement of individual parts.

Ballistic Steel Baffles

Steel baffles prevent bullets from escaping the range. ATI Class 1 (handgun) and ATI Class 2 (rifle) options are available.

Sound-Reducing Fascia

A variety of available baffle fascia options improve comfort for range users and customize the look of a shooting range.

Air Gap

A steel furring within the baffle creates an air gap for bullets to splatter.

Wood Panel

A layer of wood over the baffle contains bullet splatter, keeping shooters and range staff safe.

Outdoor Applications

Ceiling baffles may be installed in outdoor settings with an overhead structure.

Configurations

Ceiling baffles are installed to provide complete overhead ballistic coverage in either fixed firing line or tactical ranges, allowing shooters to move up and down the range safely. Structural stamps are available upon request.



LEARN MORE

ActionTarget.com/Ceiling-Baffles

FEATURES

- Engineered Deflection Angles
- Modular
- Prevents Splatter
- AR500 Steel
- Customizable
- Acoustic Fascia
- Protects Ceiling-Mounted Equipment
- No Field Welding Required



RUBBER BERM TRAP™

NOT ALL RUBBER BERM TRAPS ARE BUILT ALIKE

Action Target's Rubber Berm Trap has numerous attributes that set it apart from the competition. For example, the trap is engineered with a uniquely designed galvanized steel frame that holds rubber in place to safely capture rounds. The rubber can also be treated with a flame-resistant formula to provide maximum fire protection.

Rubber Granules

Action Target's styrene-butadiene rubber granules are available in a variety of sizes and grade options to fit the needs of any range.

Fire Treatment

Action Target provides optional Flame Lock™ flame-resistant treatment. This gives rubber granules an ASTM-E84 and ASTM-E108-11 Class A rating, which is the industry's best fire rating.

Self-Supporting Frame

The Rubber Berm Trap is the safest rubber trap available. The self-supporting berm frame is designed to IBC standards.

Patented Fin Design

The Rubber Berm Trap's patented fin design keeps the rubber at a depth that is safe for shooters and reduces trap maintenance.

Sidewall Protection

Customers may opt for AR steel sidewalls to prevent bullets from damaging the range walls.

Integrated Baffles

Optional overhead baffles are available for additional protection of the building structure. Baffles can also be positioned as a hopper feeder for granule distribution.



LEARN MORE

ActionTarget.com/RBT

FEATURES

- Internal Frame Design
- Industry's Best Fire Rating
- Patented Fin Design
- Clean and Quiet
- Harvested Rubber Granules
- Optional .50 BMG Rating



PEPP

PEPP PANELS FOR SOUND ABATEMENT

PEPP is a cleanable acoustic panel that can be attached directly to range wall and ceiling surfaces for attractive and effective sound control.

Durable

PEPP can be used both indoor and outdoor. It is moisture-, impact-, bacteria-, and fungi-resistant. It is also resilient to oil, chemicals, flames, and sagging.

High Performance

PEPP is Class A fire-rated per ASTM E84 and also has high STC and NRC ratings.

Configuration

Can be installed on both range wall and ceiling surfaces.

Washable

The non-fibrous and non-abrasive lightweight surface does not contain fiberglass and is easily cleanable.

Strong

This sound-silencing material is resilient and flexible. PEPP is durable, tackable, and is made of a strong rigid material that can capture rounds without ricochet or splatter.

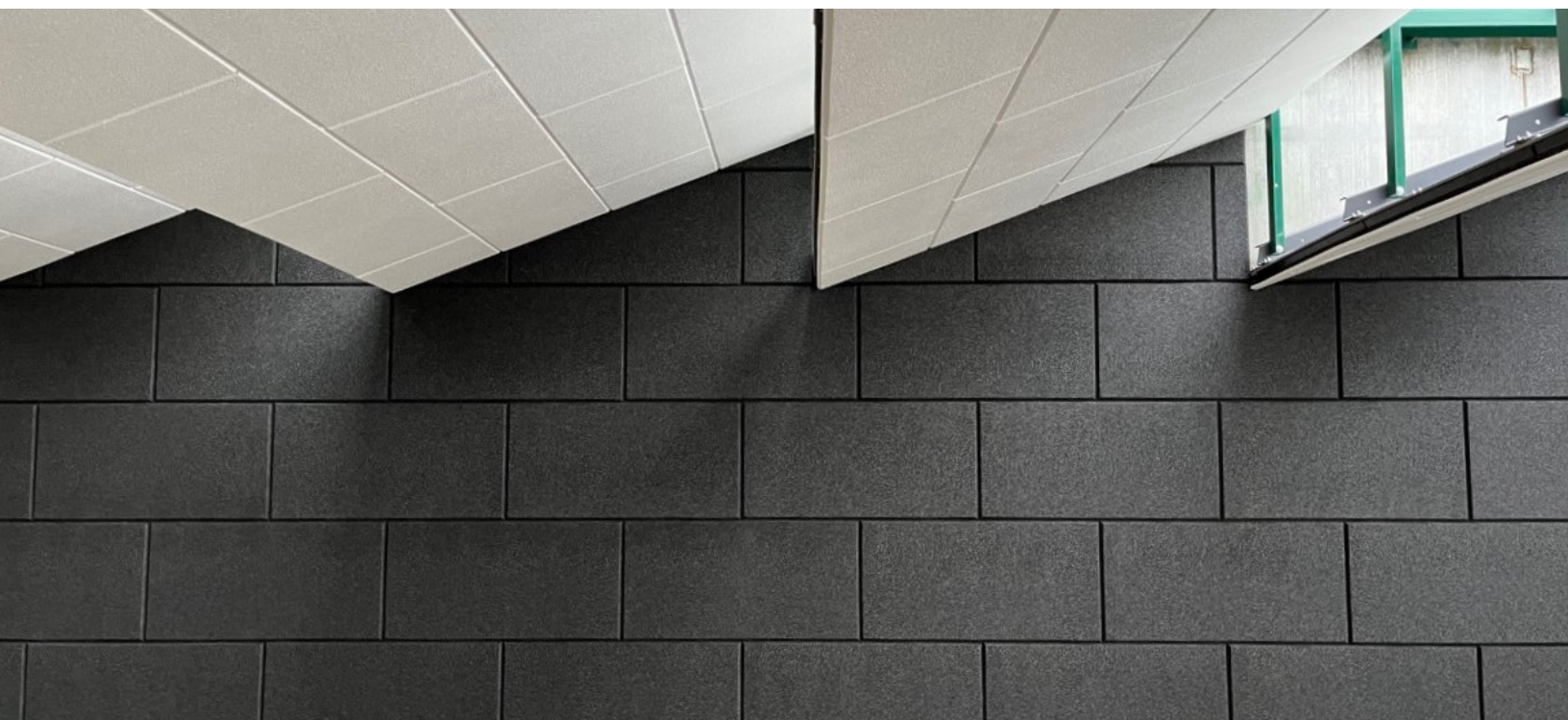


LEARN MORE

ActionTarget.com/Sound-Abatement

FEATURES

- Available in Both Charcoal and White Finish
- Both 1" and 2" Thickness
- Both Straight Edge and Beveled Edge Finishes
- High STC and NRC Sound Rating
- Non-Fibrous, Resistant Material
- Class A Fire Rated
- Lightweight and Easy-to-Clean
- Outdoor and Indoor Usage





Unit Rating

2425 South Yukon Ave - Tulsa, Oklahoma 74107-2728 - Ph. (918) 583-2266 Fax (918) 583-6094
AAONEcat32 Ver. 4.339 (SN: 7496544-LCSR96ZJ)

1A 1B 1C 1D 2 3 4 5A 5B 5C 6A 6B 6C 7 8 9 10 11 12 13 14A 14B 15 16 17 18 19 20 21 22 23

RN-030-8-0-EA09-38B:L000-D0A-DQH-00A-0TEC0BE-00-F000000VB

Tag: RN030 Heat_Cool Recirc

Job Information

Job Name: Hatfield PD
Job Number: Job #10048
Site Altitude: 361 ft
Refrigerant: R-410A

Static Pressure

External: 2.70 in. wg.
Evaporator: 0.43 in. wg.
Filters Clean: 0.15 in. wg.
Dirt Allowance: 0.35 in. wg.

Cooling Section

	Gross	Net
Total Capacity:	328.02	306.95 MBH
Sensible Capacity:	216.98	195.91 MBH
Latent Capacity:	111.04 MBH	
Mixed Air Temp:	80.00 °F DB	67.00 °F WB
Entering Air Temp:	80.00 °F DB	67.00 °F WB
Lv Air Temp (Coil):	52.51 °F DB	51.95 °F WB
Lv Air Temp (Unit):	55.09 °F DB	53.03 °F WB
Digital Comp. Capacity Ratio:	100%	
Supply Air Fan:	1 x 270D60 @ 7.59 BHP	
SA Fan RPM / Width:	1631 / 3.680"	
Evaporator Coil:	19.9 ft ² / 4 Rows / 14 FPI	
Evaporator Face Velocity:	380.6 fpm	

Rating Information

Listing Model: RN-030-3-0-BAAY-V0-21-000-A

Cooling Capacity (MBH): 308.0
Cooling EER: 10.8
Cooling IEER: 13.2
Rated in accordance with AHRI 340/360

Application EER @ Op. Conditions: 9.4

Electrical Data

Rating: 208/3/60
Unit FLA: 156
SCCR: 5 KAIC

Minimum Circuit Amp: 168
Maximum Overcurrent: 200

	Qty	HP	VAC	Phase	RPM	FLA	RLA
Compressor 1:	1		208	3			51.3
Compressor 2:	1		208	3			51.3
Condenser Fans:	3	1.00	208	1	1110	7.4	
Supply Fan:	1	10.00	208	3	1760	30.8	
Combustion:	2	0.25	208	1	3210	1.7	

Cabinet Sound Power Levels*

Octave Bands:	63	125	250	500	1000	2000	4000	8000
Discharge LW(dB):	96	94	94	95	91	90	92	88
Return LW(dB):	85	84	79	73	74	75	70	64

*Sound power levels are given for informational purposes only. The sound levels are not guaranteed.

Unit Information

Approx. Op./Ship Weights: 2715 / 2715 lbs. (±5%)
Supply CFM/ESP: 7560 / 2.7 in. wg.
Final Filter FV / Qty: 362.88 fpm / 6
Outside CFM: 3150
Ambient Temperature: 91.2 °F DB / 77.7 °F WB
Return Temperature: 75 °F DB / 62 °F WB

Economizer: 0.09 in. wg.
Heating: 0.28 in. wg.
Cabinet: 0.04 in. wg.
Re-Heat Coil: 0.07 in. wg.
Total: 4.12 in. wg.

Heating Section

PreHeat Type: Std (No Preheat)
Heating Type: Nat. Gas Heat
Heating CFM: 7560
Total Capacity: 328.1 MBH
OA Temp: 12.5 °F DB / 9.0 °F WB
RA Temp: 75.0 °F DB / 62.0 °F WB
Entering Air Temp: 49.0 °F DB / 45.0 °F WB
Leaving Air Temp: 89.1 °F DB / 61.6 °F WB
Input: 405.0 MBH
Heater Qty: 1
Consumption: 405.0 MBH
Total Turndown Ratio: 13:1

Re-Heat Coil:

Capacity: 141 MBH
LA DB / WB: 70.00 °F / 58.87 °F
RH: 52%



27.0" STAR Plenum

2425 South Yukon Ave - Tulsa, Oklahoma 74107-2728 - Ph. (918) 583-2266 Fax (918) 583-6094
AAONEcat32 Ver. 4.339 (SN: 7496544-LCSR96ZJ)

JOB INFORMATION:

Job Name: Hatfield PD
Job Tag: RN030 Heat_Cool Recirc
Rep Firm:
Date: 10/17/2023

WHEEL SPECIFICATION:

Max RPM: 1,800
Diameter x Qty: 27.4 in. x 1
Width%: 100
Tip Speed: 11,700 FPM
Inertia: 16 WR²

OPERATING CONDITIONS:

Air Flow: 7,560 CFM
Static Pressure: 4.12 in. Wg.
Plenum DP: 0.00 in. Wg.
Inlet Grill DP: 0.00 in. Wg.
TSP: 4.12 in. Wg.
Site Altitude: 361.00 Ft
TSP @ Sea Level: 4.18 in. Wg.

MOTOR SELECTION:

Rated HP / Bypass: 10 / No
Frame Size: 215T
Nominal RPM: 1760
VAC/PH/HZ: 208/3/60
Efficiency: Premium / 0.917
Enclosure Type: ODP
Max Inertial Load: 82 WR²

FAN PERFORMANCE:

RPM: 1631
BHP: 7.59
Efficiency: 64.6%
In/Out Velocity: 1974/2066 FPM
Plenum Out Velocity: 126 FPM

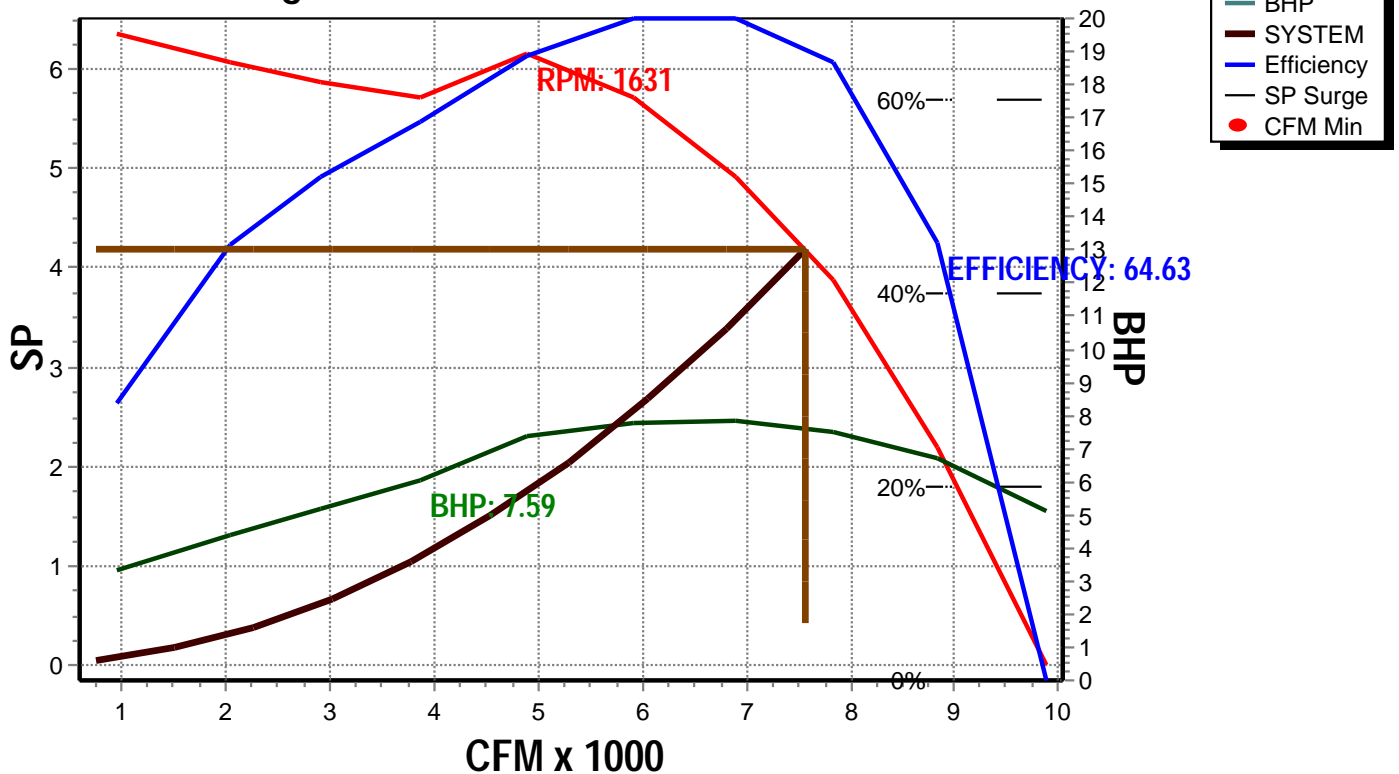
FAN SOUND POWER (Inlet/Outlet):

Octave Band:		(Re 10 ⁻¹² watts)					
1	2	3	4	5	6	7	8
94	92	88	88	86	89	88	87
96	94	94	97	94	94	96	92

SOUND POWER A-Weighted: 97 / 102 dB

Max Duct SP with Blocked Airway: 6.2 in. Wg. @ 1631 rpm

Supply Fan Model: 270D60 @ 1631 RPM and 100% Width Design Conditions: 7560 CFM @ 4.18" SP





Unit Submittal

2425 South Yukon Ave - Tulsa, Oklahoma 74107-2728 - Ph. (918) 583-2266 Fax (918) 583-6094
AAONEcat32 Ver. 4.339 (SN: 7496544-LCSR96ZJ)

1A 1B 1C 1D 2 3 4 5A 5B 5C 6A 6B 6C 7 8 9 10 11 12 13 14A 14B 15 16 17 18 19 20 21 22 23

RN-030-8-0-EA09-38B:L000-D0A-DQH-00A-0TEC0BE-00-F000000VB

Tag: RN030 Heat_Cool Recirc

Job Name:
Job Number:

Hatfield PD
Job #10048

Unit Submittal For:
Unit Submittal Date:

October 17, 2023

	Base Option	Description
R	Series	Roof Top Unit
N	Generation	Ninth Generation
030	Unit Size	Thirty
8	Voltage	208V/3Ø/60Hz
0	Interior Protection	Standard
E	Refrigerant Style	R-410A Variable Capacity Scroll Compressor (VCC)
A	Unit Configuration	Air-Cooled Cond. + Std Evap. Coil
0	Coil Coating	Standard
9	Cooling/Heat Pump Staging	Modulating - 1 VCC + 1 On/Off Comp.
3	Heating Type	Natural Gas Stainless Steel
8	Heating Designation	Heat 8 - 405 MBtuh
B	Heating Staging	High Turndown Modulating Gas - Temperature Control

	Feature Option	Description
L	1A. RA/OA Section	Motorized OA Dampers + RA Opening
0	1B. RA/EA Blower Configuration	Standard - None
0	1C. RA/EA Blower	Standard - None
0	1D. RA/EA Blower Motor	Standard - None
D	2. OA Control	Fully Modulating Actuator - Enthalpy Limit
0	3. Heat Options	Standard
A	4. Maintenance Options	115V Convenience Outlet - Field Wired
D	5A. SA Blower Configuration	1 Blower + Premium Efficiency Motor + 1 VFD
Q	5B. SA Blower	27" Direct Drive Backward Curved Plenum - 60% Width
H	5C. SA Motor	10 hp - 1760 rpm
0	6A. Pre Filter Type	Standard - None
0	6B. Unit Filter Type	2" Pleated - 30% Eff
A	6C. Filter Options	Clogged Filter Switch
0	7. Refrigeration Control	Standard - Adj Comp. Cooling Lock Out Through Unit Controls
T	8. Refrigeration Options	Parallel Modulating Hot Gas Reheat Microchannel Coil [MHGR-MC] - Lag Circuit
E	9. Refrigeration Accessories	ECM Condenser Fan - Head Pressure Control
C	10. Power Options	Non-fused Disconnect Power Switch - 250 Amps
0	11. Safety Options	Standard
B	12. Controls	Phase & Brown Out Protection
E	13. Special Controls	Constant Volume (CV) Unit Controller - CV Cool + CV Heat
0	14A. Outside Air Configuration	Standard - None
0	14B. Preheat Sizing	Standard - None
F	15. Glycol Percent	Water or No WSHP, Gas Piping to the Valve
0	16. Interior Cabinet Options	Standard - Double Wall + R-13 Foam Insulation + Stainless Steel Drain Pan
0	17. Exterior Cabinet Options	Standard
0	18. Electrical Rating	Standard - 5 KAIC
0	19. Code Options	Standard - ETL U.S.A. Listing
0	20. Crating	Standard
0	21. Water-Cooled Cond.	Standard - None
V	22. Control Vendors	VCC-X Controls + Integrated BACnet MSTP
B	23. Type	Standard - Includes AAON Gray Paint



VCCX Components

2425 South Yukon Ave - Tulsa, Oklahoma 74107-2728 - Ph. (918) 583-2266 Fax (918) 583-6094
AAONEcat32 Ver. 4.339 (SN: 7496544-LCSR96ZJ)

1A 1B 1C 1D 2 3 4 5A 5B 5C 6A 6B 6C 7 8 9 10 11 12 13 14A 14B 15 16 17 18 19 20 21 22 23

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Tag: RN030 Heat_Cool Recirc

Job Name:

Hatfield PD

VCCX For:

Job Number:

Job #10048

VCCX Date:

October 17, 2023

Hardware Included For VCCX Controller

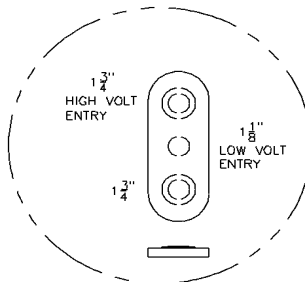
Part #	Included Parts	Assigned Channel	BACnet Point
ASM01698	VCCX2 CONTROLLER		
ASM01692	OSA Temp/Hum Sensor	EBUS2 communicating sensor	AI:16,AI:17,AI:18,AI:19
ASM01820	Space Digital Temp/Hum Sensor	EBUS3 communicating sensor	AI:12,AI:13
R82890	Supply Temp Sensor - Field Installed	VCCX control point AI 3	AI:9
	Supply Fan Control Signal 0-10VDC	VCCX control point AO 1	AI:22
	Economizer	VCCX control point AO 2	AI:30
R62330	Proof of Air Flow	VCCX control point BI 1	BI:6, BI:24
R64580	Dirty Filter Sensor	VCCX control point BI 2	BI:25
	Safety Shut Down	VCCX control point BI 8	BI:26
	Supply Fan	Configured Relay Point	BI:47
ASM02869	DIGITAL REFRIGERATION MODULE		
V38391	Suction Pressure Sensor A	RSMD2R SP-1	AI:48
V38410	Discharge Pressure Sensor A	RSMD2R HP-1	AI:50
V38391	Suction Pressure Sensor B	RSMD2R SP-2	AI:73
V38410	Discharge Pressure Sensor B	RSMD2R HP-2	AI:75
	Comp Discharge Temp A	RSMD2R TEMP1	AI:66
	Modulated Condenser Signal AB	RSMD2R AOUT1	AI:46
	Comp Status Input A	RSMD2R BIN1	BI:77
	Comp Status Input B	RSMD2R BIN2	BI:78
	Emergency Shutdown	RSMD2R BIN4	BI:83
	Comp Unload Signal A	RSMD2R COMP1	AI:44
	Comp Enable A	RSMD2R RLY1	BI:84
	Comp Enable B	RSMD2R RLY2	BI:85
ASM01670	MODULATING HOT GAS REHEAT MODULE		
	Reheat HGR Valve	MHGRV-X	AI:42
ASM01695	MODULATING GAS MODULE		
	Gas Valve Signal 1B	MODGAS-XWR Gas Valve 2	
	Gas Valve Signal 1A	MODGAS-XWR Gas Valve 1	
	Proof of Ignition 1B	MODGAS-XWR BI4	
	Proof of Ignition 1A	MODGAS-XWR BI3	
	Mod Heat Stage 2 (IGN 1B)	MODGAS-XWR Heat 2 Relay	
	Heat Stage 3 (IGN 2)	MODGAS-XWR Heat 3 Relay	
	Mod Heat Stage 1 (IGN 1A)	MODGAS-XWR Heat 1 Relay	
	Low Speed Enable	MODGAS-XWR Low Speed Relay	

RN SERIES

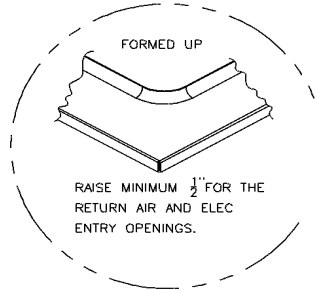
C - CABINET STANDARD ~ 16-30 TON

CLEARANCES

LOCATION	• UNIT SIZE • 16 - 30 TON
OUTSIDE AIR (BACK)	48
CONTROLS SIDE (FRONT)	48
LEFT SIDE	6
RIGHT SIDE	60
TOP	UNOBSTRUCTED



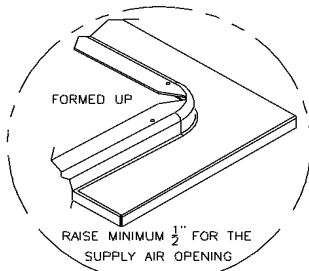
DETAIL A



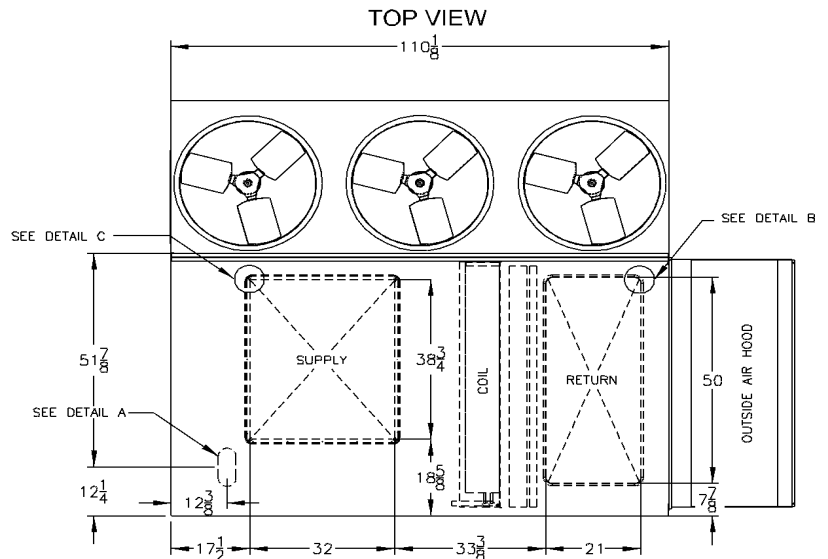
DETAIL B

NUMBER OF CONDENSER FANS

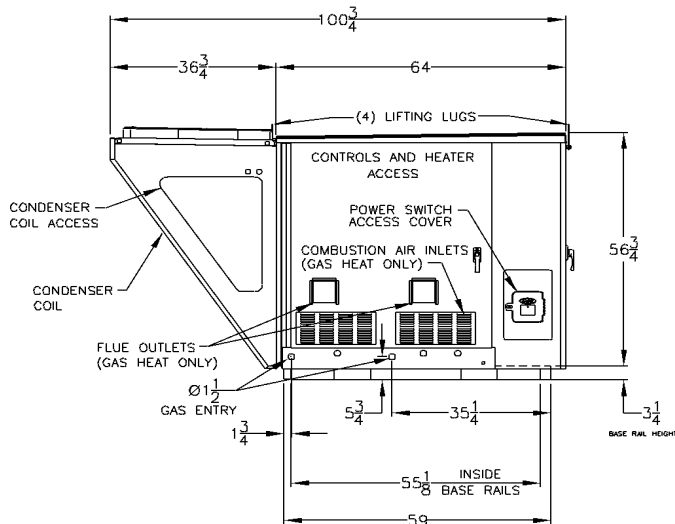
16,18 & 20 TON - 2 FANS
25 & 30 TON - 3 FANS



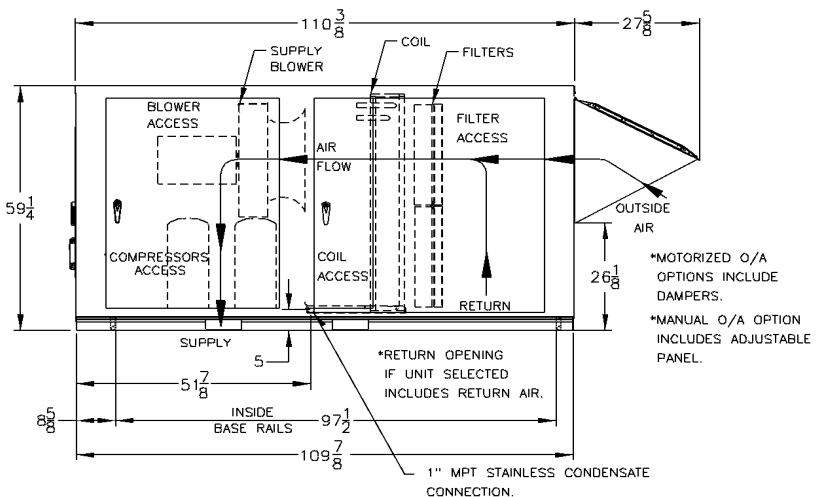
DETAIL C



FRONT VIEW



RIGHT SIDE VIEW

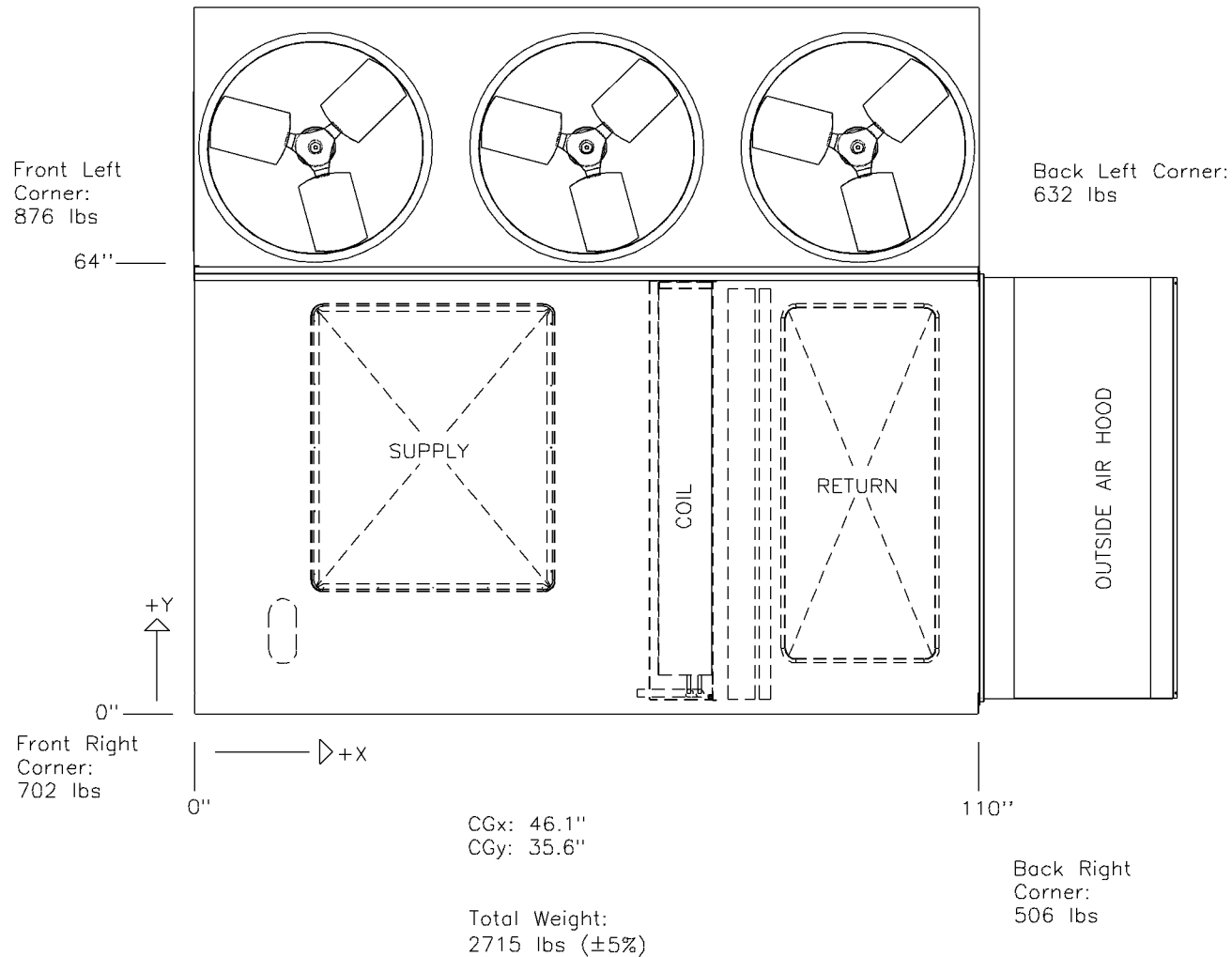


RNC-00001 REV:F 12/20/22 JWC
NOTE: ALL DIMENSIONS ARE IN INCHES

RNC CABINET AIR COOLED CONDENSING UNIT



RN-030-8-0-EA09-38B:L000-D0A-DQH-00A-0TECOBE-00-F000000VB



Disclaimer:
This weight estimate does not account for any SPAs.

Breakdown of HVAC Responsibilities

Customer Install



Owner / General Contractor

- ***All materials and/or labor not expressly included in the list of Action Target Provided Items.***
- Provide air-tight range envelope for each shooting bay.
- Provide T-Bar drop ceiling from range safety ceiling to top of radial diffusers
- Based on equipment submittal data, provide appropriately sized gas piping, meters, regulators, and final gas hookups to range HVAC equipment
- Supply appropriate gas load and pressure to MAUs per submittal specification
- Provide all required plumbing connections to range HVAC equipment including P-Traps
- Acquire all and pay for all permits and other required approvals
Provide all concrete pads (if applicable) for range ventilation equipment.
- Provide internet access to Range Ventilation Control Panel(s) for the remote accessing of control system.
- CAT6 run from customers internet modem to Ventilation Control Panel (Must be done before we arrive for startup with active internet connection)
- ***Official startup process of all range ventilation system(s) by manufacturer-certified technician.***

Mechanical Contractor (Contracted by Owner / GC)

- Off load of all HVAC equipment including means to unload (cranes, forklifts, handlers, etc.) for multiple shipments if applicable. If desired, HVAC equipment may be shipped to a crane yard for temporary holding, but must be arranged and paid for by the owner or general contractor
- Provide all return/exhaust and supply ductwork (materials not provided) per ATI provided design drawings
- Install all return/exhaust and supply ductwork (materials not provided) per ATI provided design drawings
- Install ATI provided radial diffusers
- Install ATI provided manual dampers in radial diffuser piping
- Install and level ATI provided roof/grade curbs for make-up air unit(s)
- Install ATI provided make-up air unit(s)
- Install ATI provided return/exhaust fan(s)
- Provide and install duct curbs /rails, equipment rails, and supports per ATI design (materials not provided)
- Install ATI provided filter housing(s)
- Install ATI provided filters in housing(s)
- Install all motorized and manual dampers and actuators and ensure ability to open and close freely. Actuators must be mounted on outside of ducting for access.
- Coordinate all timelines with the General Contractor / Owner
- Coordinate with electrician, gas company, and other applicable trades and entities
- Insulate duct work above the roofline on recirc systems only (materials not provided)
- Acquire and fund all necessary permits and other required approvals
- Install P-trap(s) on HVAC equipment if applicable (per submittal)
- Install all hoods and attachments shipped with HVAC equipment

Electrician (Contracted by Owner / GC)

- Install/mount ATI provided VFD variable frequency drive(s)
- Install/mount ATI Provided Range Ventilation Control Box(es)
- Install/mount ATI Provided Range Ventilation Display(s)
- Install and terminate all high voltage wiring for Exhaust Fan(s) & VFD(s)
- Install and terminate all high voltage wiring for Make-up Air Fan(s)
- Provide and install needed disconnects for make-up air unit(s), exhaust fan(s) and VFD(s)

- Install and terminate dedicated high voltage for controls (Range Ventilation Control Box(s), Make-up air control(s) and VFD Variable Frequency Drive(s))
- Install low voltage conduits for Action Target installed controls per LV conduit locations / sizing
- Pull ATI provided low voltage control wires per ATI Wiring Pull Chart on range ventilation drawings.
- Provide and install CAT6 cable from network modem to Range Ventilation Control Panel(s)
- Coordinate with Mechanical Contractor

Items Provided by Action Target

- Make-up air unit(s)
- Exhaust/return Fan(s)
- Filter housing(s)
- Filters (first set)
- Factory equipment curb(s) if applicable
- Radial diffusers
- Manual dampers
- Motorized dampers and actuators if applicable
- VFDs
- Control panels
- Field devices (for controls)
- Install all temperature sensors
- Install all filter transducers
- Install carbon monoxide sensor (if applicable)
- Land all low voltage wiring for system control components
- Controls programming and system balancing.
- Final commissioning and training.

Items Not Provided by Action Target

- Cranes, forklifts, handlers, etc.
- Equipment or duct stand(s) or rails, equipment rails on the roof or at grade (filter housing, exhaust fan, make-up air, duct work, etc.)
- Installation materials or supplies (including sealant)

Breakdown of HVAC Responsibilities

Critical Components Only



Action Target Provided Items

- Design and 100% IFC drawings
- Make-up air unit / curb specification submittals (**Sourced by customer**)
- Exhaust fan unit and spring isolator specification submittals (**Sourced by customer**)
- Filter bank housing specification submittals (**Sourced by customer**)
- VFD specification submittals (**Sourced by customer**)
- Radial diffusers
- Range ventilation controls (Range Ventilation Control Panel, Display Panel)
- Field devices for controls
- Magnetic door sensors
- Volume dampers (Installed in radial diffuser branch ducting)
- Balancing of range ventilation system(s)
- Commissioning of range ventilation system(s)

Owner/GC Provided Items

- ***All materials and/or labor not expressly included in the list of Action Target Provided Items above.***
- Sealed and air-tight range envelope for each shooting bay.
- Source/install all sheet metal ductwork and transitions according to provided designs.
- Source/install all flexible fabric duct connections
- Source/install angled weather hoods and bird screens as needed
- Source/Install all VFD variable frequency drive(s) according to provided submittals
- Source/Install make-up air unit(s) according to provided submittals
- Source/Install exhaust fan(s) according to provided submittals
- Source/Install filter bank(s) and filters according to provided submittals
- All concrete pads (if applicable) for range ventilation equipment.
- Source/Install all curbs according to provided designs and equipment requirements.
- Install/mount ATI provided Range Ventilation Control Box(es)
- Install/mount ATI provided Range Ventilation Display(s)
- Install/mount ATI provided dampers and radial diffusers
- Install and terminate all high voltage wiring for Exhaust Fan(s) & VFD(s)
- Install and terminate all high voltage wiring for Make-up Air Fan(s)
- Provide and install needed disconnects for make-up air unit(s), exhaust fan(s) and VFD(s)
- Install and terminate dedicated high voltage for controls (Range Ventilation Control Box(s), Make-up air control(s) and VFD Variable Frequency Drive(s))
- Install low voltage conduits for Action Target installed controls per LV conduit locations / sizing
- Pull ATI provided low voltage control wires per ATI Wiring Pull Chart on range ventilation drawings.
- Provide and install CAT6 cable from network modem to Range Ventilation Control Panel(s)
- Wall penetrations for supply and exhaust ducting if applicable
- Roof duct penetrations, duct roof curbing, flashing, and watertight seal
- Structural support for all ventilation mechanical equipment (Make-up air unit, exhaust fan, and filter bank housing)
- Cranes and other equipment required to set all ventilation equipment in place
- All gas pipes, regulators, and final hookups of range mechanical equipment
- Based on equipment submittal data, provide appropriately sized and pressured gas piping, meters, regulators, and final gas hookups to range HVAC equipment

- Dedicated 120V circuit to the “Range Ventilation Control Panel”
- Cat6 cable run to the “Range Ventilation Control Panel” with a static IP address for remote control access and start-up
- Any fire/smoke devices required by the local jurisdiction
- T-Bar ceiling between the ATI steel safety ceiling and the radial diffusers.
- Acquire and fund all necessary permits and other required approvals
- Mechanical equipment P-Traps (Drain into building if required by local jurisdiction)
- Provide internet access to Range Ventilation Control Panel(s) for the remote accessing of control system.
- ***Official startup process of all range ventilation system(s) by manufacturer-certified technician.***

COMMENTS

[illegible]

RANGE SERVICES

TURNKEY CONVENIENCE, COMPLIANCE, AND SAFETY

Managing a range requires a lot of effort and attention to detail. Action Target eliminates much of that effort with our turnkey range solutions. From scheduled maintenance and cleanings to managing metals recycling and compliance documentation, Action Target's services streamline your operations.

Recycling & Disposal Programs

Metals Recycling | Waste Disposal

Action Target offers a full solution for metals recycling and waste disposal. Within 72 hours Action Target picks up shipment, replacing collection containers. Receive a 10% bonus on Action Target equipment and services.

Rubber Berm Trap Cleaning

Transparent pricing | Proprietary Process | Convenience

Action Target uses a simple, transparent all-inclusive pricing structure to give you the best return on your metals. Our process to clean rubber berm traps has safety and profitability of your range in mind. This turnkey solution integrates all our programs and provides all the necessary materials.

Maintenance & Cleaning Programs

Range Visits | Cleaning | Maintenance

Action Target works with you to build a plan for annual range visits, which include specialized services to keep your range running at peak performance.



LEARN MORE

ActionTarget.com/Services



ACTION TARGET STORE

RETURNING MORE THAN TARGETS

Action Target carries all the essential products to keep your retail area stocked and your range clean, safe, and ready to operate. From range safety products and cleaning supplies to paper, cardboard, and steel targets, we have everything you need to make your range or firearms training program a success.

Range Supplies



Firearm Storage and Cleaning

Keep your rental guns secure and working smoothly with our selection of firearms storage, cleaning, and lubrication gear.



Range Cleaning Products

Keep your range safe and clean with products designed to remove lead from hands, shoes, floors, and other surfaces.



HVAC Filters

Specifically designed to filter lead and high loading conditions



Paper and Cardboard Targets

With more than 1,000 target designs, we offer a greater selection than anyone else in the industry.



Target Backers

We stock a variety of backers to fit any target system.



Steel Targets

We offer a wide variety of innovative steel targets.



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