

Darren "Hal" McCabe
Mayor
Mayor@HomerNY.org

Village Office
31 N. Main Street
Homer, NY 13077
Phone: 607-749-3322
www.HomerNY.org



Village Police: 607-749-2022
Newton Water Works: 607-749-2511
Glenwood Cemetery: 607-749-3517
Streets and Parks: 607-749-3813
Recreation: 607-749-2161
Codes: 607-745-3177
Homer Fire Department: 607-749-3121

**BOARD OF TRUSTEES
BOARD MEETING AGENDA
May 11, 2021**

- 1. Regular Meeting of the Board of Trustees called to order by Mayor McCabe**
- 2. Approve Minutes**—April 13 and April 27, 2021
- 3. Treasurer's report:**
 - A. Authorize payment of bills
 - **F & G Funds – Vouchers # 51 - 66 \$4,262.29**
 - **A Fund – Vouchers # 120 - 171 \$106,375.46**
 - B. Approve Treasurer's Report
- 4. Report of Offices and filing of written reports:** Cemetery, Codes, Dog Control, DPW, Fire Department, Police Department, Recreation, Water & Sewer
- 5. Privilege of the Floor**
- 6. Old Business**
- 7. New Business**
 - A. Discussion of Juneteenth
 - B. Approve Plot Buy back for Paul and Arlene Gower
 - C. Review Subdivision Request for Dollar General
 - D. Discuss Purchase of In-Field Dirt for Homer Little League
 - E. Resolution to Adopt the 2021 Cortland County Hazard Mitigation Plan
- 8. Comments by Board Members**
- 9. Executive Session** – Per NYS Public Officers Law, Article 7 §105
- 10. Adjournment**

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Glenwood April Report 2020

Submitted by James Toolan, Cemetery Sexton

- Started mowing and trimming after cleanup of cemetery.
- Have had eight burials in April, four are cremations and all are spring burials.
- Fuel used forty-five gallons gas for month of April. Truck # 22 - 22 gallons diesel and backhoe # 6 used 27 gallons diesel.
- Equipment is ok, so far, no issues.
- New trimmers are in use and working fine.
- Scheduling more spring burials for month of May.
- Had email from Wreaths across America wanting to coordinate with Glenwood on implementing this program this year if possible. Supposedly they would do all the coordinating of the program. The contact is Donna Riley, President of American Legion of Homer Unit 465. 607-749-0817 e-mail donlou1959@gmail.com. This would generate funds and implement the placing of wreaths on veterans' graves in December. I have forwarded a copy to Rusty McLaughlin Commissioner to make the Commission aware of this request.

Village of Homer
CODE ENFORCEMENT OFFICE
 31 N. Main St
 Homer, NY 13077

Kevin J. McMahon
 NYS Code Enforcement

Phone 607-749-3322
 Cell 607-745-0004

MONTHLY ACTIVITY REPORT

Apr-21

	<u>Current Month</u>	<u>Year to date*</u>
Building Permits Issues	13	18
Building Permit Renewals		
Expired Building Permit Notices		
Building Permit Inquiries	12	22
Flood Plain Permits/Special Use Permit		
Demo Permit Issues	1	1
Solar Permit Issues		
Fireworks Permits		
Plan Reviews	8	19
Certificates of Occupancy Issued	1	3
Certificates of Compliance Issued	2	3
Temporary C of O Issued		
Complaints filed		7
Compliance/ Violation Notices	3	9
Stop Work Order Issued		1
Closed out Permits		
Permits, Reviews, Notices -totals	40	83
Fees Collected	\$946.00	\$1,435.00
Construction Cost	\$256,680.00	\$177,400.00

Inspections:		
Site visit-inspections	22	103
Foundations/Footers/Post Holes	6	8
Framing / Structural inspections	6	28
Mechanical inspections		5
Insulation inspection		10
Final, pre-final Inspection		5
Chimney / wood burning devices		
Fire and Safety Inspections		5
Swimming Pool inspections	1	1
Total Inspections	35	165
Training Classes (24 hrs annually)	5	21

Village of Homer

Permit Monthly Report

04/01/2021 - 04/30/2021

Permit #	Issue Date	Owner	Permit Type	Property Location	Valuation	Amount
April 2021						
V21-06	04/01/2021	Doris Hoffmann	V Structural Rep	104 S Main St SBL#: 76.34-01-65.00C		\$51.00
Description of Work: Front porch rebuilt by Woodford Bros at 104 S Main St						
V21-07	04/02/2021	Kathryn Toole	V Pole Barn - Sh 91 N Main St	SBL#: 66.59-01-19.00C	\$4,200.00	\$41.00
Description of Work: 10 x 14 prebuilt shed by Thee Amish Structures						
V21-08	04/05/2021	Sharon Clark	V Fence	3 N William St SBL#: 66.73-02-11.00C	\$3,630.00	\$35.00
Description of Work: 58 x 24 black chain link fence in rear yard						
V21-09	04/06/2021	Eric & Taylor Hugh	V Fence	165 N West St SBL#: 66.41-02-12.00C	\$6,000.00	\$43.00
Description of Work: 194 lineal ft of black chain link fence at 165 N West St by Whinn						
V21-10	04/12/2021	Richard Cincotta	V Pole Barn - Sh 6 S William St	SBL#: 66.81-01-12.00C	\$1,750.00	\$35.00
Description of Work: new 12 x 16 pole frame style patio roof cover by owner adjacent						
V21-11	04/13/2021	Andrew Fox	V Deck	42 Burgett Dr SBL#: 66.72-03-05.00C	\$15,000.00	\$100.00
Description of Work: 18 x 30 + 20 x 10 deck by Corgood Construction at 42 Burgett						
V21-12	04/19/2021	DM3 of Cortland LL	V Commercial	cc 19-29 N Main St (Homer SBL#: 66.75-01-27.00C	\$130,000.00	\$187.00
Description of Work: 8 x 50 outdoor 2nd floor canopy addition for DM3 at the						
V21-13	04/22/2021				\$30,000.00	\$87.00

Description of Work: Richard Hartford V New Resident 46 Copeland Ave
12 x 17 Sunroom Addition by Genovese Home Improvements SBL#: 76.33-01-18.00C

V21-14 04/22/2021 Richard Hartford V Deck 46 Copeland Ave \$5,000.00 \$41.00
Description of Work: SBL#: 76.33-01-18.00C
16 x 18 deck extension by owner on sunroom addition

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V21-15 04/22/2021 Allen Pankhurst V Deck 39 N West St \$5,000.00 \$41.00
Description of Work: SBL#: 66.64-01-12.00C
22'w x 12'd deck on south side of the house by Allen

V21-16 04/23/2021 Diane Purvis V Fence 32 Grove St \$1,100.00 \$35.00
Description of Work: SBL#: 66.72-02-08.00C
4' chain link fence in rear yard by owner at 32 Grove St

V21-17 04/27/2021 Ron Musson V Demolition W/25 Clinton St \$35.00
Description of Work: SBL#: 66.66-03-07.00C
Demo and removal of existing garage by Gibbons

V21-18 04/28/2021 Brian Abbott V New Resident 80 Copeland Ave \$55,000.00 \$170.00
Description of Work: SBL#: 76.40-01-01.10C
24 x 32 two story post framed garage by Willow Pond

V21-19 04/29/2021 Keith Graham V Fence 2 Lora Ln \$45.00
Description of Work: SBL#: 66.42-01-29.00C
Owner replacement of existing wooden fence with new vinyl

April 2021	\$256,680.00	\$946.00
	<u>\$256,680.00</u>	<u>\$946.00</u>

Daily Report & Mileage-Village of Homer

<u>Date:</u>	<u>Thursday, April 1, 2021</u>	<u>Miles</u>
4/1/2021	updates for reports and log / West St, James St, Main St site visits / 39 NW St-emailed bldgprmtpkt for deck request / 104 S Main St- issued bldgprmt -porch rebuild- pd \$51 , mailing to owner / started month end reports / emailed spreadsheet to VlgTrsr for multi family dwellings fr FS report /	2.4
4/2/2021	3 N William St-emailed bldgprmtpkt -fence request / 165 NW St-issued bldgprmtpkt -fence request / completed month end reports and turned in / 2 Lora Lane-returned email to owner per fence request / 91 N Main St-issued bldgprmt for shed office visit- pd \$51 / W Road, Cayuga St, Main St, Albany St- site visits /	2.3
4/5/2021	Dept Head meeting / W Street, Center St, Cortland St, Cayuga St, Main St site visits / 3 N William St-issued bldgprmt for fence- pd \$35 mailing to owner / 110 N Main St-issued bldgprmtpkt for fence /	2.1
4/6/2021	W Street, Main St, Albany St site visits /returned text to bldr-11 Suits Ave-setback ques for shed and pool / 165 N West St-issued bldgprmt fence pd \$43 mailing to owner /	3.5
4/7/2021	Rte 90, Cayuga St, S Fulton St, N Fulton St, Clinton St site visits / 2 Lora Lane-emailed owner pricing for fencing permit / 6 S William St-emailed bldgprmtpkt patio roof permit /	2.3
4/8/2021	S Main St, Main St, James St, S William St, S West St site visits / post hole inspection -6 S William St patio cover roof- bldgprmtpkt -need fee dropped off / 39 N W St- plan review -need to research stair width without center railings vs Res Code / working on General Codes notes to add for review / 85 S W St site work for utilities site visit /	2.6
4/12/2021	Dept Head zoom meeting / need to research out of zoning compliance 112 N Main St-site visit / 5 Albany St-subdivision request, completed GML and turned over to Clerks office / plan review 80 Copeland Ave-emailed owner and bldr items needed for permit completion / issued bldgprmt pd \$35 mailing to owner -6 S William St patio cover /39 NW St plan review for deck-emailed bldr needing more info / 19 Suits Ave- plan review for fencing change issued bldgprmtpkt-site visit / 25 Clinton St-issued bldgprmtpkt for demo request / 110 N Main St-issued bldgprmtpkt fence request / Main St, RobSan Drive, Clinton St, W Street, Balmoral Way, Suits Ave site visits / Dollar General Zoom mtg-PB issued negative dec and denied site plan /	5.1

4/13/2021	42 Burgett Drive- post hole inspection-deck-issued bldgprmt pd \$100 mailing to owner / W Road, Burgett Drive, Prospect St, N Fulton, S Main St - site visits / 12 Wall St- Complaint fr tenant-contacted property manager for follow up / spoke w Mayor about last nights PB mtg /	4.7
4/14/2021	5 CEU's Code Training w CO detection, Green building standards at Neptune /	4
4/15/2021	30 Cayuga St-emailed owner-no need for permit on patio slab / 80 Copeland Ave, plan review -returned call to bldr-need exact garage plans not morphed online pix / Caroway Hill, Albany St, Main St site visits /	2.4
4/16/2021	N Main St, Clinton St, W Road, Suits Ave site visits / returned call to resident-conditional permit request for Clinton St-emailed forms to complete /58 N Main, returned call to installer w ques for permits vs upgrades to HVAC/ 46 Copeland Ave- office visit, plan review for sunroom, deck and pool addition / 10 Franklin St-returned call to owner w ques on subdivision / 18 N Main St-completed GML for subdivision turned into Clerks office / 11 Suits Ave site visit -inground pool install started / 42 Burgett Drive- framing inspection-deck joists /	4.1
4/19/2021	46 Copeland Ave-issued bldgprmtpkt email / 42 Burgett Drive- framing inspection deck ready for flooring / 80 Copeland Ave returned call to bldr-old garage demo completed and footing plans needing changes and PE / 30 Grove St- site visit -need to issue NoV per Complaint of stock car, vehicles all over the yard / zoom dept head mtg cancelled last minute / 10 Franklin St-returned call to owner-told her pricing isn't up to Village for surveying and backfill for subdivision / 19 N Main St- issued bldgprmt pd \$187 emailed to bldr and PM for outdoor upper balcony/ 46 Copeland Ave-emailed owner w missing items-pool plan, site plan, deck plans /	3.7
4/20/2021	Albany St, Main St, Warren St site visits / 26 Warren St-met w owner for framing inspection -remodel gut out / 4 Albany St- site visit -no fencing install yet / 104 S Main St- post hole inspection for porch rebuild /65 N Main St- framing inspection -texted owner about footings vs frost on porch stoop / 32 Grove St-emailed owner for items needed on fence permit / 46 Copeland Ave-emailed owner w permit fees for projects after plan reviews w bldgprmtpkt /25 Clinton St-called bldr-need plans for porch rebuild and need asbestos survey for garage /	4.5
4/21/2021	104 S Main St-footing inspections-porch rebuild / issued Notice of Compliance 30 Grove St-vehicles all over yard mailed regular / site visits -James St, N Fulton St, Prospect St, Burgett Dr, W Street /site visit 18 Prospect-junk removed from curb per Notice of Compliance sent / 42 Burgett Drive framing inspection -flooring install for deck-snowed off for today / spoke w VlgClrk-need new permit fees emailed /	3.4

4/22/2021	W Road, N Main St site visits / 12 S West St- final inspection -need to issue CofO / 104 S Main St- final inspection porch rebuild/46 Copeland Ave- plan review-issued bldgprmt-pd \$87 -mailed to owner-sunroom / 46 Copeland Ave- issued bldgprmt-pd \$41 -deck-mailing to owner / 39 NW Street- issued bldgprmt pd \$41 -deck, mailing to owner / 25 Clinton St- plan review for porch rebuild / 17 Clinton St-completed GML for home occupation request-turned over to Clerks office /	4
4/23/2021	S Main St, Clinton St, Hudson St, Creal Rd site visits / 104 S Main St- issued CofC -mailing to owner / 32 Grove St- issued bldgprmt pd \$32 for fence, mailing to owner / spoke w Clerk about catch up with DG on PB issues and actions by Trustees /	2.2
4/26/2021	Main St site visits / , Dept head meeting cancelled at last minute / 112 N Main St- issued Notice of Violation -mailing regular and certified -Zoning district non compliance and parking issues / office visit w former CEO-bailing on FS inspections-need to find someone else/ 2 Staci Lane- site visit -no fence on site, no install / Hooker Ave, W Road site visits / 85 S West St- preslab inspection at entry /returned call to demo contractor-Casey Fields entry for two buildings /	4.8
4/27/2021	11 Suits Ave- pool install site visit -no piped in / 165 N West St- final inspection -fence complete-need to close out / 42 Burgett Drive- final inspection-issued CofO for file / 91 James St- site visit -no fence yet / 60 James- foundation inspection -bilco change out-demo in action /25 Clinton St- issued demo permit pd \$35 -mailing to owner / Braeside Dr-returned call to owner-permit ques for repl deck / Main St, Cayuga St site visits /	4
4/28/2021	Rte 281, Clinton St, Main St site visits / 25 Clinton St-demo site visit -bldg down, cleanup needed-emailed ZBA Chair and Treas no variance needed for demo permits / 80 Copeland Ave- issued bldgprmt pd \$80 -mailing to owner new garage /165 N W St- issued CofC -fence-mailing to owner/ 12 S West St- issued CofO -mailing to owner / 13 Meadow St- plan review for front deck-responding to owner / 65 N Main- framing inspection -working on railings and guards / site visits N Main, Lora Lane, Hooker Ave, NW Street /	4.5
4/29/2021	80 Copeland Ave-post hole, footer inspections -new garage / remote access fr tech support for VPN install / 25 Clinton St-w ZBA Chair, bldr on spkr-tonite mtg for area variance-postponed via Zoom mtg/ 33 Cortland St- office visit, bldgprmtpkt for fence project / issued bldgprmt pd \$45 fence replacement, mailing to owner -2 Lora Lane / Braeside Dr-partial plan review deck-contacting owner for more info needed / Copeland Ave, Main St, Albany St, Caroway Hill site visits /4 Albany St- prefinal inspection -fence install /	3.5
	Total mileage for April	70.1

Village of Homer
Permit Status Report

04/01/2019 - 04/30/2021

Permit #	Applicant	Parcel Location	SBL#	Permit Type	Issued	Status
V19-39	Ann Swisher	26 Warren St	66.82-01-24.000	V Structural Repairs	09/11/2020	Open
V20-14	Kimberly and Michael Burk	19 Prospect St	66.65-01-46.000	V New Residential	05/18/2020	Open
V20-15	Thomas Weddle	8 Hooker Ave	66.42-01-32.200	V Pole Barn - Sheds	05/21/2020	Open
V20-19	Mackenzie Reagan	91 James St	66.73-02-40.000	V Fence	06/18/2020	Open
V20-23	Caitlin Cimino	60 James St	66.81-02-06.000	V Structural Repairs	07/15/2020	Open
V20-28	Jennifer Reeve	19 Lora Ln	66.50-01-14.000	V Deck	07/24/2020	Open
V20-30	Johanna Dunham	11 Suits Ave	66.40-01-06.000	V Swimming Pools	08/06/2020	Open
V20-32	Paula Niederhofer	9 Water St	66.75-01-21.200	V Fence	08/12/2020	Open
V20-37	Timothy Maxson	4 Burgett Dr	66.72-01-37.000	V Fence	08/13/2020	Open
V20-39	Dawn Seymour	5 Meadow Dr	66.80-01-18.000	V Deck	09/01/2020	Open
V20-44	Janet Jeffers	11 Miller Dr	66.56-01-02.000	V New Residential	10/07/2020	Open
V20-46	65 N Main St, LLC	65 N Main St LLC 6 Unit 65 N Main St	66.67-01-02.000	V New Residential	10/09/2020	Open
V20-47	Paula Jones	15 N West St	66.72-03-19.000	V New Residential	10/13/2020	Open
V20-48	Family Health Network of CNY	85 S West St	76.32-01-06.000	V Commercial	10/14/2020	Open
V20-49	Elizabeth McGrath	3 Copeland Ave				Open
			76.34-01-55.000	V New Residential	10/19/2020	
V20-51	Matt and Regina McNerney	15 Cayuga St	76.26-01-28.000	V Structural Repairs	10/21/2020	Open
V20-52	Jeff Bernhardt	2 Staci Ln	66.51-01-02.200	V Fence	10/23/2020	Open
V20-55	Patrick Clune	46 N Main St	66.66-02-16.000	V Fence	11/17/2020	Open
V20-56	Zacary Maine	4 Albany St	76.27-01-26.000	V Fence	11/24/2020	Open
V20-58	Kimberly Osborne	1148 Wolf Rd	76.31-01-01.212	V New Residential	12/18/2020	Open
V20-59	DM3 of Cortland LLC	Homer Exchange Building 19-29 N	66.75-01-27.000	V Commercial	12/29/2020	Open

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Permit #	Applicant	Parcel Location	SBL#	Permit Type	Issued	Status
V21-01	DM3 of Cortland LLC	Homer Exchange Building 19-29 N	66.75-01-27.000	V Commercial	01/13/2021	Open
V21-03	Thomas Sullivan	3 Central Park Pl	66.82-01-18.000	V New Residential	01/19/2021	Open
V21-04	Brian Pepper	33 Burgett Dr	66.72-01-11.000	V Swimming Pools	03/10/2021	Open
V21-05	Matthew Hoey	2 Suits Ave	66.40-01-08.000	V Swimming Pools	03/24/2021	Open
V21-07	Kathryn Toole	91 N Main St	66.59-01-19.000	V Pole Barn - Sheds	04/02/2021	Open
V21-08	Sharon Clark	3 N William St	66.73-02-11.000	V Fence	04/05/2021	Open
V21-10	Richard Cincotta	6 S William St	66.81-01-12.000	V Pole Barn - Sheds	04/12/2021	Open
V21-11	Andrew Fox	42 Burgett Dr	66.72-03-05.000	V Deck	04/13/2021	Open
V21-12	DM3 of Cortland LLC	Homer Exchange Building 19-29 N	66.75-01-27.000	V Commercial	04/19/2021	Open
V21-13	Richard Hartford	46 Copeland Ave	76.33-01-18.000	V New Residential	04/22/2021	Open
V21-14	Richard Hartford	46 Copeland Ave	76.33-01-18.000	V Deck	04/22/2021	Open
V21-15	Allen Pankhurst	39 N West St	66.64-01-12.000	V Deck	04/22/2021	Open
V21-16	Diane Purvis	32 Grove St	66.72-02-08.000	V Fence	04/23/2021	Open
V21-17	Gibbons Construction	25 Clinton St	66.66-03-07.000	V Demolition Work	04/27/2021	Open
V21-18	Brian Abbott	80 Copeland Ave	76.40-01-01.100	V New Residential	04/28/2021	Open
V21-19	Keith Graham	2 Lora Ln	66.42-01-29.000	V Fence	04/29/2021	Open
Total #					37	Open

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Case Name	Case Type	Incident Date	Resolution	Assigned To	Status	Location	Jurisdiction
Clinton St. - dog on roof	Welfare Check	4/9/21 8:01 AM	Notice mailed/emailed	Lindsay Andersen	Completed	35 Clinton St, Homer, NY 13077	Village of Homer
Village of Homer - stray dog running at large - Lot Assist		4/17/21 2:11 PM	Returned to home	Rhea Robinson	Completed	Park Avenue, Park Ave, Homer, NY 13077	Village of Homer
Rob San Dr.-Stray cats	Stray	4/18/21 10:21 AM	Impound		Completed	7 Rob San Dr, Homer, NY 13077	Village of Homer
Assist Homer PD	Assist	4/28/21 11:24 AM	Impound		Completed	2 Copeland Ave, Homer, NY 13077	Village of Homer

VILLAGE OF HOMER MONTHLY ACTIVITY REPORT 04/01/21 through 04/30/21

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2021 April Streets and Parks Report

Submitted by Superintendent Philip Stockton

- Continue picking brush and leaves. Started spring cleanup.
- Continue sweeping of Village streets.
- Continue doing maintenance on Village vehicles.
- Most areas are topsoiled and seeded where wing damaged lawns.
- Completed River St drainage project.
- Filled in a big hole at Police Dept.
- Brought all the old pipe back from River St project to shop.
- Helped Town of Homer with rebates on Searls Rd and Forbes Road in preparation for paving.
- Took 2 loads of old tires to Seneca Meadows with the Town of Homer.
- Put new window in Kubota tractor.
- Received new loader.
- All plow trucks have been broken down for summer.
- All mowers are ready for mowing.
- New rear bearings in truck # 28 for salt spreader.
- Did a few oil changes on fire trucks.
- Stripped old loader of radios and decals in preparation of new loader coming.
- Removed all the old tires at Street garage (about 200 tires!)
- Cleaned salt bays out for preparation for incoming salt this fall.
- Started hauling old compost to Cemetery to make room for spring debris.
- Have a list made up for tree cutting this spring.
- Put 2 new tires on Police car.
- Stripped Police car of emblems in preparation of auction.
- Opened compost area for residents.
- Had a meeting with DDS and NYSEG on complaints from last fall.
- DDS started restoration work in the Village.
- Called and got work orders done for buildings on S. Main St. to remove gas and electric lines so they can be demolished.
- Put new lock and hasp on S. Main buildings.

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- Took old sign posts down and ground old paint off and painted (Village of Homer signs).
- New poles are ordered for Village signs. (they are being made at Mikes Welding).
- Parks are opened.
- Started mowing parks.
- New garbage cans are set out at Durkee Park.
- Took out some bad BBQ boxes to either fix or replace at Durkee park.
- Replaced BBQ grill at Durkee park.
- New batting cages are up.
- Cleaned around new batting cages of rock and dirt.
- Started lining fields.
- Continue organizing the back shop.



May 5, 2021

Honorable Mayor and Village Trustees

The monthly fire statistics, for your review, follow this report.

This past month gave us our election of officers, and with that, the stepping down and second retirement of Chief Mahlon Irish Jr. Attempting to follow in Mahlon's footsteps will be a monumental task to say the least. I am hoping with the help of the Village employees and the support of our Department, that I will be able to do just that.

Last year, our now 2nd Assistant Chief, Joe Riley befriended the Easter Bunny. The Easter Bunny was so impressed with the residents of the Village last year that a return trip was necessary. Earlier in the month the two of them toured around the Village again with the help of the Homer Fire Department and Homer Police Department.

Homer's fire police were once again utilized at the High School for round two of the COVID vaccine clinic. They assisted motorists with parking.

We had a quick stop on a fire at a business just north of Main Street. It was quickly called in by another fire chief in the county who happened upon the smoke and stopped to investigate. Cortlandville and Preble were also called in to assist. Sadly, one of our firefighters was injured on that scene and is still recovering.

Sadly, we once again cancelled the Homer Firemen's Field Days. We are however, working on having a parade; possibly in June. As we slowly approach, business as usual, it would be nice to get people outside to enjoy a parade. Who doesn't enjoy a parade?

I can't end this report without first thanking Mahlon for sitting at the helm these last few years and passing on his knowledge to those of us who want to lead the future of this great Department. Thank you Mahlon for taking care of our members and serving the citizens covered by the Homer Fire Department.

Respectively submitted

Steven Hayes

Fire Chief

Homer Fire Department

Incidents by District (Summary)

Alarm Date Between {04/01/2021} And {04/30/2021}

District		Count	Pct of Incidents	Est Losses	Pct of Losses
MA	Mutual Aid	4	16.66 %	\$0	0.00 %
SH	Town of Summerhill	2	8.33 %	\$0	0.00 %
TH	Town of Homer	10	41.66 %	\$2,000	100.00 %
TS	Town of Scott	2	8.33 %	\$0	0.00 %
VH	Village of Homer	6	25.00 %	\$0	0.00 %
Total Incident Count:		24	Total Est Losses:		\$2,000

Homer Fire Department

Incident Type Report (Summary)

Alarm Date Between {04/01/2021} And {04/30/2021}

Incident Type	Count	Pct of Incidents	Total Est Loss	Pct of Losses
1 Fire				
111 Building fire	1	4.16%	\$2,000	100.00%
	1	4.16%	\$2,000	100.00%
3 Rescue & Emergency Medical Service Incident				
321 EMS call, excluding vehicle accident with	1	4.16%	\$0	0.00%
322 Motor vehicle accident with injuries	3	12.50%	\$0	0.00%
	4	16.66%	\$0	0.00%
4 Hazardous Condition (No Fire)				
444 Power line down	4	16.66%	\$0	0.00%
	4	16.66%	\$0	0.00%
5 Service Call				
551 Assist police or other governmental agency	1	4.16%	\$0	0.00%
554 Assist invalid	1	4.16%	\$0	0.00%
561 Unauthorized burning	2	8.33%	\$0	0.00%
571 Cover assignment, standby, moveup	2	8.33%	\$0	0.00%
	6	25.00%	\$0	0.00%
6 Good Intent Call				
611 Dispatched & cancelled en route	4	16.66%	\$0	0.00%
6111 Dispatched & cancelled en route by Law	2	8.33%	\$0	0.00%
	6	25.00%	\$0	0.00%
7 False Alarm & False Call				
733 Smoke detector activation due to	1	4.16%	\$0	0.00%
745 Alarm system activation, no fire -	1	4.16%	\$0	0.00%
	2	8.33%	\$0	0.00%
8 Severe Weather & Natural Disaster				
813 Wind storm, tornado/hurricane assessment	1	4.16%	\$0	0.00%
	1	4.16%	\$0	0.00%

Total Incident Count: 24

Total Est Loss: \$2,000

Homer Fire Department

Incident Type Report (Summary)

Alarm Date Between {04/01/2021} And {04/30/2021}
and District = "VH "

Incident Type	Count	Pct of Incidents	Total Est Loss	Pct of Losses
3 Rescue & Emergency Medical Service Incident				
321 EMS call, excluding vehicle accident with	1	16.66%	\$0	0.00%
322 Motor vehicle accident with injuries	1	16.66%	\$0	0.00%
	<u>2</u>	<u>33.33%</u>	<u>\$0</u>	<u>0.00%</u>
4 Hazardous Condition (No Fire)				
444 Power line down	1	16.66%	\$0	0.00%
	<u>1</u>	<u>16.66%</u>	<u>\$0</u>	<u>0.00%</u>
5 Service Call				
554 Assist invalid	1	16.66%	\$0	0.00%
561 Unauthorized burning	1	16.66%	\$0	0.00%
	<u>2</u>	<u>33.33%</u>	<u>\$0</u>	<u>0.00%</u>
6 Good Intent Call				
6111 Dispatched & cancelled en route by Law	1	16.66%	\$0	0.00%
	<u>1</u>	<u>16.66%</u>	<u>\$0</u>	<u>0.00%</u>
Total Incident Count:	6		Total Est Loss:	\$0

Homer Fire Department

Incident Type Report (Summary)

Alarm Date Between {04/01/2021} And {04/30/2021}
and District = "TH "

Incident Type	Count	Pct of Incidents	Total Est Loss	Pct of Losses
1 Fire				
111 Building fire	1	10.00%	\$2,000	100.00%
	<u>1</u>	<u>10.00%</u>	<u>\$2,000</u>	<u>100.00%</u>
3 Rescue & Emergency Medical Service Incident				
322 Motor vehicle accident with injuries	2	20.00%	\$0	0.00%
	<u>2</u>	<u>20.00%</u>	<u>\$0</u>	<u>0.00%</u>
4 Hazardous Condition (No Fire)				
444 Power line down	2	20.00%	\$0	0.00%
	<u>2</u>	<u>20.00%</u>	<u>\$0</u>	<u>0.00%</u>
5 Service Call				
551 Assist police or other governmental agency	1	10.00%	\$0	0.00%
	<u>1</u>	<u>10.00%</u>	<u>\$0</u>	<u>0.00%</u>
6 Good Intent Call				
611 Dispatched & cancelled en route	1	10.00%	\$0	0.00%
6111 Dispatched & cancelled en route by Law	1	10.00%	\$0	0.00%
	<u>2</u>	<u>20.00%</u>	<u>\$0</u>	<u>0.00%</u>
7 False Alarm & False Call				
733 Smoke detector activation due to	1	10.00%	\$0	0.00%
745 Alarm system activation, no fire -	1	10.00%	\$0	0.00%
	<u>2</u>	<u>20.00%</u>	<u>\$0</u>	<u>0.00%</u>

Total Incident Count: 10

Total Est Loss:

\$2,000

Homer Fire Department

Incident Type Report (Summary)

Alarm Date Between {04/01/2021} And {04/30/2021}
and District = "TS "

Incident Type	Count	Pct of Incidents	Total Est Loss	Pct of Losses
4 Hazardous Condition (No Fire)				
444 Power line down	1	50.00%	\$0	0.00%
	1	50.00%	\$0	0.00%
8 Severe Weather & Natural Disaster				
813 Wind storm, tornado/hurricane assessment	1	50.00%	\$0	0.00%
	1	50.00%	\$0	0.00%

Total Incident Count: 2

Total Est Loss: \$0

Homer Fire Department

Incident Type Report (Summary)

Alarm Date Between {04/01/2021} And {04/30/2021}
and District = "SH "

Incident Type	Count	Pct of Incidents	Total Est Loss	Pct of Losses
5 Service Call				
561 Unauthorized burning	1	50.00%	\$0	0.00%
	1	50.00%	\$0	0.00%
6 Good Intent Call				
611 Dispatched & cancelled en route	1	50.00%	\$0	0.00%
	1	50.00%	\$0	0.00%

Total Incident Count: 2

Total Est Loss: \$0

Homer Fire Department

Incident Type Report (Summary)

Alarm Date Between {04/01/2021} And {04/30/2021}
and District = "MA "

Incident Type	Count	Pct of Incidents	Total Est Loss	Pct of Losses
5 Service Call				
571 Cover assignment, standby, moveup	2	50.00%	\$0	0.00%
	2	50.00%	\$0	0.00%
6 Good Intent Call				
611 Dispatched & cancelled en route	2	50.00%	\$0	0.00%
	2	50.00%	\$0	0.00%

Total Incident Count:

4

Total Est Loss:

\$0

Homer Fire Department

Staff Activity by Activity Code (Summary)

Date Between {04/01/2021} And {04/30/2021}

Activity Code	Staff Count	Total Hrs	Pct Hrs
FX Fire alarm response.	259	346.24	98.11%
MX Medical At Scene	19	6.66	1.88%
	278	352.90	

Chief of Police
Robert Pitman

HOMER POLICE DEPARTMENT

43 ½ JAMES STREET
HOMER, New York 13077
(607) 749-2022 FAX: (607) 749-3675
homerpolice@yahoo.com



Records Clerk
Kimberly Reitano

April 2021 Monthly report

Date: April 30, 2021

For the time period: 03/26/21 – 04/26/21

Mayor and members of the board,

Patrol Monthly Activities:

Please refer to the attached detailed reports for last month. There were a total of 487 calls for service during the month of April. Officers conducted 94 vehicle and traffic stops where they issued 28 traffic tickets (59 traffic tickets total including the commercial motor vehicle enforcement detail), which led to 2 aggravated unlicensed operations arrest. They also responded to 7 motor vehicle collisions, 2 of which involved personal injury.

Notable investigations or incidents during the month of April: 3 separate larcenies where packages or contents from packages that were delivered to residences were stolen; a larceny where funds were stolen from a village businesses bank account and 7 separate fraud complaints where unemployment benefits were fraudulently filed in the victims names.

School Officers Reports:

Please refer to the attached detailed school resource officer's report for the month of April 2021. There were a total of 361 incidents that the resource officers were involved in during the month.

Recent updates:

Security cameras updates: No issues with the security cameras at any of the municipal buildings or parks.

Patrol vehicle updates: No issues with the patrol vehicles other than vehicle regular routine maintenance. A vehicle has been selected to replace the unmarked vehicle 250 to a 2021 Chevy Trailblazer. Three separate quotes were obtained from local dealers and Royal Auto group provided the lowest quote, which is lower than what was budgeted for. The vehicle will be ordered, and it is expected to be delivered the last week of April and in-service sometime in May. Once it is replaced, it along with patrol vehicle 125 (2016) will be placed up for auction.

Grant updates: Between April 19, 2021 and April 23, 2021, was the "No Empty Chair" safe teen initiative. Funds from the 2021 traffic safety grant were utilized for increased traffic enforcement during the initiative. As indicated in last month's report, the traffic safety grant application for 2022 opened on March 1, 2021 and the deadline to apply is May 1, 2021. I am in the process of composing an application for it.

Bike Patrol: With the summer months approaching, the police patrol bikes will be removed from storage and sent to Action Sports in Cortland for annual maintenance. With the cost savings from the purchase of the unmarked vehicle 250, I would like to apply the funds to equipment (lights) for two of the patrol bikes.

Miscellaneous and Events:

With Covid-19 officers are continually reminded to wear masks when in public and to clean the patrol vehicles before and after their shifts. As of this date all officers and staff at the police department have been healthy with no positive tests for the virus. Almost all of the officers have been vaccinated.

Local courts have continually postponed in person proceedings due to Covid-19 concerns and are conducting the proceedings virtually. There is a possibility that courts could resume sometime in May.

Departmental firearms / active shooter instructors were continually meeting with outside law enforcement agencies to plan the annual active shooter training sometime in April of this year. However, at this time it has been temporarily postponed.

On Friday, April 2, 2021, we conducted a joint commercial motor inspection detail with the New York State Police Commercial Motor Vehicle Unit and the Cortland County Sheriff's Office. During the detail, 44 Vehicles inspected; 21 Vehicles (47%) were placed out of service for significant mechanical violations; 5 drivers (11%) placed out of service for licensing or logbook issues; total out of service rate of 58%; a total of 164 violations were noted, with 36 of these violations reaching the severity level of out of service violations and there were a total of 31 tickets were issued by Homer Police Department and the Cortland County Sheriff's Office. The purpose of the detail was to try and make the roadways safer for everyone, including the operators of the commercial motor vehicles themselves.

On April 18, 2021, the Cortland County Area Agency on Aging and Kinney Drugs hosted the second Covid-19 vaccination clinic at the Homer High School. The first clinic was held on March 28, 2021. An officer was assigned to the clinic to assist with traffic and security and there were no issues. It should be noted that director of the Cortland County Area Agency on Aging, Elizabeth Haskins and everyone that assisted with the clinic, were recognized by the State of New York on April 22, 2021 during the county legislature sessions.

Between April 20, 2021 and April 22, 2021, I attended the train the trainer course entitled: Principled Policing in Watertown, NY. The course focused on the way police interact with the public and how these interactions influence crime rates and the public's view of police and willingness to obey the law. Now that I am certified to instruct this course, I can conduct in-service training to officers which was a goal mentioned in the EO203 plan.

Regarding the stopped school bus program that was mentioned in the February report, the Cortland County Legislature met on April 22, 2021 and sent it back to committee. It should be noted that the Homer Central School District supports the program but will not be participating in it because the buses they lease are equipped with cameras that are not compatible with the stopped school bus program.

On Saturday, April 24, 2021, was the annual Drug Take Back Event at the Homer Town Hall and other locations throughout Cortland County. The event was sponsored by Cortland Prevention Resources and partnered with the Cortland County Sheriff's Office and the Village of Homer Police Department. A total of 716.5 pounds of medications were collected from all of the locations. The total medications from all the Kiosk drop boxes between the fall and spring take back is as follows: Homer Police Department: 96 pounds, Cortland County Sheriff's: 226 pounds, Cortland Police Department: 330 pounds and Cortland State: 51.5 pounds. The total pounds of medications collected between the kiosks and the take back events was 1,420 pounds. It was a great way to provide people a free, convenient, and responsible way to dispose of their unused, unneeded, or expired medications safely and anonymously to create a better environment for all of us or so the medications do not fall into the wrong hands where they are abused.

In 2020, the hypodermic needle kiosks were installed outside the police department along with other locations in the Cortland area. A representative from Cortland Area Communities That Care advised that since the installation of the kiosks, a total of 300.8 pounds in hypodermic needles or other sharps have been collected, which is equivalent to approximately 22,560 hypodermic needles or sharps. 155.8 pounds were collected from the kiosk outside the police department.

In conclusion, on April 22, 2021, Officer Christopher Parrow submitted his resignation from the department, effective May 6, 2021. He has accepted a position as a police officer with the Village of Liverpool Police Department. Officer Parrow has been employed with the Village of Homer Police Department since 2008. I would like to take this time to thank him for his service and dedication to the department and the village residents.

Respectfully submitted,



Robert H. Pitman
Chief of Police
Village of Homer Police Department

05/03/21

Homer Police Department

4644

10:44

Law Total Incident Report, by Agency, Nature

Page: 1

Nature of Incident	Total Incidents
-----	-----
Agency: HOMER VILLAGE POLICE DEPT	
911 HANG UP	1
ADMINISTRATIVE	39
ANIMAL PROBLEM	9
ASSAULT	1
ASSIST	45
ATTEMPT TO LOCATE	1
CRIMINAL MISCHIEF	2
SPECIAL DETAIL	10
DISORDERLY CONDUCT	2
DISTURBANCE	1
DOMESTIC	7
DSS ASSIST/HOME VISIT	1
EMOTIONALLY DISTURBED PERSON	2
FIELD INVESTIGATION	16
FOLLOW UP INVESTIGATION/ACTION	1
FOUND PROPERTY	5
FRAUD	15
HARASSMENT	6
INVESTIGATION	4
JUVENILE PROBLEM	7
LARCENY	5
MISSING PERSON	1
NOISE COMPLAINT	1
NOTIFICATION	11
PARKING COMPLAINT	19
PROPERTY DAMAGE MVA	5
PERSONAL INJURY MVA	2
PROPERTY CHECK	244
REPOSSESSION	1
SEX OFFENDER	1
SUSPICIOUS	6
TEST CALL	1
TRAFFIC PROBLEM	2
TRAFFIC STOP	94
VEHICLE COMPLAINT	5
PERSON WITH A WEAPON	1
WELFARE CHECK	6
WIRES DOWN	1

Total Incidents for This Agency:	581

Total Incidents for This Report: 581

School Resource Officer's Report: February 25, 2021 - March 26,2021

The School Resource Officer (SRO) program is a valuable partnership between The Village of Homer Police Department and Homer Central School District. The SRO's are based out of the school district buildings and maintains an office within the high school. This facilitates and allows the SRO's to be immediately accessible to students, faculty, administration and parents. The SRO's primary goals are to assist in maintaining the highest level of safety within our schools through prevention, and intervention as well as to reduce juvenile crime and incidents through education and counseling.

The SRO's investigate incidents which occur on the properties of schools within the Village of Homer (Elementary, Intermediate, Jr. High and High School). The SRO's facilitate assistance for all through the use of police department, school and community resources. The SRO's also conduct investigations, assist in certain student/parent meetings, phone consults, partner agency meetings, referrals, informal counseling, providing assistance to school officials and assistance to other police officers and agencies in regards to students or school issues and property.

The following data provides information and tracking of notable incidents handled for the time period of this report as well as a school year to date compilation.

Activity/Investigation		2020/2021 School YTD
Training	22	67
Disorderly person (non-student)	0	2
Disorderly person (student)	2	20
Traffic or parking	86	648
Assist Staff/Faculty	67	772
Assist Student	44	253
Found property	0	6
Aggravated Harassment	0	13
Assembly/Class Presentations	3	23
Computer Crime	0	0
Motor Vehicle Accident	0	8
Police assistance	4	38
Parent/Guardian /Admin. meeting	0	20
Students Missing	0	20
Criminal Mischief	1	3
Lost Property/Larceny	1	6
Suspicious Activity/Person	2	6
Security Detail (e.g. Board Meeting, Sporting Event)	0	31
Open/Unsecured doors found	14	65
911 Hang-up	0	0
Weapon	0	1
Fire alarm/Alarm/Hazard/Drills	4	42
Medical/Mental Health/Check Welfare	0	16
Sex Crime	1	7
Drugs/Alcohol/Tobacco	1	20
Arrests	0	0
Follow Up Investigation	1	49

Property Checks	103	639
Juvenile Complaint	0	7
Police Investigation	2	16
Suspicious vehicle (Run Reg./Spillman)	0	8
Meeting	4	37
Report Writing	0	8
MONTHLY GRAND TOTAL	362	2,484

Darren "Hal" McCabe
Mayor
Mayor@HomerNY.org

Village Office
31 N. Main Street
Homer, NY 13077
Phone: 607-749-3322
www.HomerNY.org



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Streets and Parks: 607-749-3813
Recreation: 607-749-2161
Codes: 607-745-3177
Homer Fire Department: 607-749-3121

April 2021 Recreation Monthly Report

Submitted by Recreation Director Zack Pollak

Cathy Stage Softball – Off to a wet but good start. Games start on 5/10. 10U is very young, very inexperienced. All 10U teams in the league are in the same boat. Covid really shook up the sports world. Many of these kids have no 'field sense' about them. We will have coaches on the field for most of the season to guide and teach. Our pitching machine has been incredibly beneficial for 12U. 12U utilized the JM McDonad Sports Complex once for batting practice.

Finger Lakes Travel Softball – Registrations are open

- 14 and Under runs from June 29th to August 1st.
- 17 and Under runs from June 28th to August 8st.

Concerts – 3 bands booked. Working with Chris Merkley for the remaining 5.

- 7/14 – Doc Weismore with Real County
- 7/21 – Travis Rocco
- 7/28 – The JazzHappensBand.

Little League

- Batting Cages are up! Looks sweet. Opening Day is 5/8.

STEM Projects with Library and High Key Science

- Registrations open for another High Key Science STEM event on 5/22. Grades K – 8 this time, 15 kids, outside at Durkee with Town Hall as the rain backup.

Proposal: I am looking for approval to extend STEM programing with High Key Science and Steve Williams for this Summer and Fall, with a budget of **\$1,000**. Steve's programs have been very successful and offer an important change of pace from sports. My goal is to continue offering alternatives to sports like STEM and Library programs in future years and this will serve as a proof of concept that we can grow our programing. I believe we have the funds and I typically have some funds at the end of the year that I have not exhausted, that may help offset the cost. The following pages are just some of many activities Steve can offer.

These programs are designed as quick hitters, shortened versions of activities, giving edutainers the chance to engage participants in hands-on, play-based, and informal learning sessions. These "STEM

Visit villageofhomer.recdesk.com for more information or to register for programs (no www prefix)

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appetizers” are activities that are great for programs and clubs! Most Quick Hitters take an hour or less to complete and are designed for fast prep by educators and entertainers.

Electromagnets - Participant teams investigate the properties of electromagnets. They create their own small electromagnets and experiment with ways to change their strength to pick up more paper clips. Participants learn about ways that engineers use electromagnets in everyday applications.

Small-Scale Transportation Devices - In this open-ended design activity, participants use everyday materials—milk cartons, water bottles, pencils, straws, candy—to build small-scale transportation devices. They incorporate the use of two simple machines—a wheel and axle, and a lever—into their designs. Participant pairs choose their materials and engineer solutions suitable to convey pyramid-building materials (small blocks of clay). They race their carts/trucks, measuring distance, time and weight; and then calculate speed.

Flashlights & Circuits - In this hands-on activity, participants build this everyday household item and design their own operating series circuit flashlights.

Alarm Systems - Participants learn about alarms and use their creativity to devise multi-step alarm systems to protect their lockers, desk, pets or classroom door.

Wind-Powered Car Designs - Participants practice the ability to produce clear, complete, accurate and detailed design drawings through an engineering design challenge. Using only the specified materials, teams are challenged to draw a design for a wind-powered car. Then, they trade engineering drawings with another group and attempt to construct the model cars in order to determine how successfully the original design intentions were communicated through sketches, dimensions and instructions.

Craft Spool Races - Participants see how potential energy can be converted into kinetic energy. Acting as if they were engineers designing vehicles, they use rubber bands, pencils and spools to explore how elastic potential energy from twisted rubber bands can roll the spools. They brainstorm, prototype, modify, test and redesign variations to the basic spool racer design in order to meet different design criteria, ultimately facing off in a race competition. These simple-to-make devices store potential energy in twisted rubber bands and then convert the potential energy to kinetic energy upon release.

Water Catchment Basins - Participants construct three-dimensional models of water catchment basins using everyday objects to form hills, mountains, valleys and water sources. They experiment to see where rain travels and collects, and survey water pathways to see how they can be altered by natural and human activities. Participants discuss how engineers design structures that impact water collection, as well as systems that clean and distribute water.

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Small Wind Turbines - Participants learn how engineers transform wind energy into electrical energy by building their own miniature wind turbines and measuring the electrical current they produce. They explore how design and position affect electrical energy production.

Film Canister Boats - Participants construct small-sized model rocket-powered boats—"aqua-thrusters"—that are made from film canisters propelled by carbon dioxide gas produced from a chemical reaction between antacid tablets and water. They make predictions and experiment to observe the effect that surface area of this simulated solid rocket fuel has on the resulting rocket thrust.

Biomimicry & Ptarmigan Feet - Participants learn about the amazing adaptations of the ptarmigan to the alpine tundra. They focus on one adaptation, the feathered feet of the ptarmigan, and ask whether the feathers serve to only keep the feet warm or to also provide the bird with floatation capability. They create model ptarmigan feet, with and without feathers, and test the hypothesis on the function of the feathers. Ultimately, participants make a claim about whether the feathers provide floatation and support this claim with their testing evidence.

Anemometers - Participants create their own anemometers—instruments for measuring wind speed. They see how an anemometer measures wind speed by taking measurements at various school locations. They also learn about different types of anemometers, real-world applications, and how wind speed information helps engineers decide where to place wind turbines.

Conductivity Testers - Participants build their own simple conductivity tester and explore whether given solid materials and solutions of liquids are good conductors of electricity.

Small Electric Motors - Participants investigate motors and electromagnets as they construct their own simple electric motors using batteries, magnets, paper clips and wire.

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Atmospheric Pressure - Participants gain an understanding of air pressure by using candy or cookie wafers to model how it changes with altitude, by comparing its magnitude to gravitational force per unit area, and by observing its magnitude with an aluminum can crushing experiment.

Chromatography - To increase participants' awareness of possible invisible pollutants in drinking water sources, participants perform an exciting lab requiring them to think about how solutions and mixtures exist even in unsuspecting places such as ink. They use alcohol and chromatography paper to separate the components of black and colored marker ink. Participants witness first-hand how components of a solution can be separated, even when those individual components are not visible in solution.

Model Lungs - Participants explore the inhalation/exhalation process that occurs in the lungs during respiration. Using everyday materials, each participant team creates a model pair of lungs.

Balloon Rockets - Participants construct rockets from balloons propelled along a guide string. They use this model to learn about Newton's three laws of motion, examining the effect of different forces on the motion of the rocket.

Spring Scales - Participants learn about weight by building a spring scale from a slinky and observing how it responds to objects with different masses.

Bioremediation - In this activity, participants act as environmental engineers involved with the clean up of a toxic spill. Using bioremediation as the process, participants select which bacteria they will use to eat up the pollutant spilled. Participants learn how engineers use bioremediation to make organisms degrade harmful chemicals. Engineers must make sure bacteria have everything they need to live and degrade contaminants for bioremediation to happen. Participants learn about the needs of living things by setting up an experiment with yeast.

Balloon Hovercrafts - Participants gain first-hand experience on how friction affects motion. They build hovercraft using air from balloons to levitate craft made from compact discs, learning that a bed of air under an object significantly reduces the friction as it slides over a surface.

Waterwheels - Waterwheels are devices that generate power and do work. Participant teams construct waterwheels using two-liter plastic bottles, dowel rods and index cards, and calculate the power created and work done by them.

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Build Mini-Speakers - Participants are introduced to the role of electricity and magnetism as they build speakers. They also explore the properties of magnets, create electromagnets, and determine the directions of magnetic fields. They conduct a scientific experiment and show cause-effect relationships by monitoring changes in the speaker's movement as the amount or the direction of the current change.

Spaghetti Bridges - Civil engineers design structures such as buildings, dams, highways and bridges. Participant teams explore the field of engineering by making bridges using spaghetti as their primary building material. Then they test their bridges to see how much weight they can carry before breaking.

Force & Compression - Through hands-on group play, participants learn about the force of compression and how it acts on structural components. Using everyday materials, such as paper, toothpicks and tape, they construct structures designed to support the weight of a cinder block for 30 seconds.

Mini Catapults - Participants observe the relationship between the angle of a catapult and the flight of a cotton ball. They learn how Newton's second law of motion works by seeing directly that $F = ma$. When they pull the metal "arm" back further, thus applying a greater force to the cotton ball, it causes the cotton ball to travel faster and farther. Participants also learn that objects of greater mass require more force to result in the same distance traveled by a lighter object.

Shoe Game - Participants use the engineering design process to solve a real-world problem—shoe engineering! Working in small teams, they design, build and test a pair of wearable platform or high-heeled shoes, taking into consideration the stress and strain forces that it will encounter from the shoe wearer. They conclude the activity with a "walk-off" to test the shoe designs and discuss the design process.

Egg Towers - Towers have been a part of developed society for centuries, serving a variety of purposes, from watchtowers to modern cell towers. In this activity, participant groups design and build three types of towers, engineering them to meet the requirements that they hold an egg one foot high for 15 seconds.

Prosthetics - Participant teams investigate biomedical engineering and the technology of prosthetics. Participants create lower-leg prosthetic prototypes using various ordinary materials. Each team demonstrates its device's strength and considers its pros and cons, giving insight into the characteristics and materials biomedical engineers consider in designing artificial limbs.

Clay Boats - Participants use a small quantity of modeling clay to make boats that float in a tub of water. The object is to build boats that hold as much weight as possible without sinking. In the process of designing and testing their prototype creations, participants discover some of the basic principles of

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Darren "Hal" McCabe
Mayor
Mayor@HomerNY.org

Village Office
31 N. Main Street
Homer, NY 13077
Phone: 607-749-3322
www.HomerNY.org



Village Police: 607-749-2022
Newton Water Works: 607-749-2511
Glenwood Cemetery: 607-749-3517
Streets and Parks: 607-749-3813
Recreation: 607-749-2161
Codes: 607-745-3177
Homer Fire Department: 607-749-3121

boat design, gain first-hand experience with concepts such as buoyancy and density, and experience the steps of the engineering design process.

Beam Bridges - Working as engineering teams, participants design and create model beam bridges using plastic drinking straws and tape as their construction materials. Their goal is to build the strongest bridge with a truss pattern of their own design, while meeting the design criteria and constraints. They experiment with different geometric shapes and determine how shapes affect the strength of materials. **Spinners** - Participants are challenged to design and build spinners that spin the longest. They build at least two simple spinners to conduct experiments with different mass distributions and shapes. Use this hands-on activity to demonstrate rotational inertia, rotational speed, angular momentum, and velocity.

Solar-Powered USB Charger - Participants build their own solar USB chargers that need nothing but the sun to charge a phone or other USB devices. They learn about parallel and series connections, solar panels, batteries, diodes, and more! Then, they assemble the components to build chargers that they can take with them anywhere, harnessing the energy of the sun to charge their devices. Engineers are continuously designing new technologies to take advantage of the sun's plentiful rays. Like electrical engineers, participants design circuits to efficiently capture energy from the sun and convert it to electricity for many uses.

Silly Putty - Participants learn about viscoelastic material behavior, such as strain rate dependence and creep, by using silly putty, an easy-to-make polymer material. They learn how to make silly putty, observe its behavior with different strain rates, and then measure the creep time of different formulations of silly putty. By seeing the viscoelastic behavior of silly putty, participants start to gain an understanding of how biological materials function. Participants gain experience in data collection, graph interpretation, and comparison of material properties to elucidate material behavior. It is recommended that participants make and play with silly putty, then experiment and make measurements with silly putty.

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April 2021 Water and Sewer Report

Water:

- Repaired the toilet at Police station.
- Fixed the leak on a water line at the Police station, the one for washing Police Cars.
- Repaired Service leaks. Three on Cayuga St, one on James St, and one on Warren St.
- Working on EPA emergency response plans.
- Replacing old meters with the new meters. We did 23 meters this month. It has slowed down a lot.
- Marking out Dig Safe ticket mostly for DDS.
- Did the required Lab testing for the Health Department.
- Phil and Mike G did the water training at W2O for water credits.
- Change the engine oil in the two generators.
- Helped the county guys in Truxton sucking out catch basins.
- Cleaned and washed trucks, and the shop.

Sewer:

- Cleaned all pump stations and the floats.
- Pulled the pump on North Fulton.
- Replaced a broken float on North Fulton Street.
- Took a load of solids to the dump from pump stations.
- Having problems with the pump alternator at the main pump station on Old Homer Ave. The alternator rotates the pump rotation. Its old and it's going to hard to find one.