

**CARBONDALE BOARD OF TRUSTEES
REGULAR MEETING
JANUARY 28, 2020**

**CARBONDALE TOWN HALL
511 COLORADO AVENUE
6:00 P.M.**

<u>TIME*</u>		<u>ITEM</u>	<u>DESIRED OUTCOME</u>
6:00	1.	Roll Call	
6:00	2.	Consent Agenda a. Accounts Payable b. BOT 1/14/2020 Work Session Minutes c. BOT 1/21/2020 Work Session Minutes d. Liquor License Renewal – The Homestead e. Liquor License Renewal – Winetime f. Liquor License Renewal – Peppinos g. Liquor License Renewal – 450 Teppanyaki h. Garfield County Intergovernmental Agreement – Election Services i. Recommendation for Appointment – Public Arts Commission	ATTACHMENT A ATTACHMENT B ATTACHMENT C ATTACHMENT D ATTACHMENT E ATTACHMENT F ATTACHMENT G ATTACHMENT H ATTACHMENT I BOT Action Desired
6:05	3.	Persons Present Not On The Agenda	
6:15	4.	Trustee Comments	
6:25	5.	Attorney’s Comments	
6:30	6.	Discussion and Update on Trash	ATTACHMENT J Discussion
7:20	7.	Ordinance No. 1, Series of 2020 – Residential Efficient Build Program	ATTACHMENT K BOT Action Desired
8:15	8.	Mt. Sopris Rotary Club – Playground Naming	ATTACHMENT L BOT Action Desired
8:30	9.	EV Fast Charger Proposal	ATTACHMENT M BOT Action Desired

9:00	10.	Administrative Reports/Minutes a. Finance b. Public Works & Utilities c. Planning d. Building e. Police f. Parks and Recreation g. Tree Board 12/19/19 Minutes	ATTACHMENT N Information Only
9:00	11.	Adjourn	

*** Please note: times are approximate**



Board of Trustees Agenda Memorandum

Item No: Attachment A

Meeting Date: 01.28.2020

TITLE: Accounts Payable

SUBMITTING DEPARTMENT: Finance

ATTACHMENTS: Accounts Payable for 01.28.2020

DISCUSSION: The accounts payable include the 2020 membership to CC4CA for \$5,000.00. The 2020 membership for Employers Council is \$6,000.00. Shop with a Cop expenses were \$7,278.84 most of this is covered by donations. The Mountain Waste payment includes \$6,850.00 for Leaf Days and \$30,325.81 for the Town trash service in December. The payment of \$7,500.00 to Garfield County Housing for the 1st quarter is included.

The payroll for 1.10.2020 was \$160,727.66. Tax liability for the town was \$9,035.11. Pension and Retirement liability was \$10,562.70.

If you have any questions concerning the Accounts Payable, please contact me.

Renae

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Vendor	Vendor Name	GL Acct No Description	Invoice No	PO No	Invoice Date	Amount
01-2177	GARNISHMENTS PAYABLE					
19540	FAMILY SUPPORT REGISTRY	GARNISHMENT-#14881544	01102020 R	13329	01/10/2020	227.07
Total 01-2177:						227.07
01-4194-3410	UTILITIES					
92495	BLACK HILLS ENERGY	PUBLIC WORKS	01/10/2020	13330	01/10/2020	549.37
01-4194-3410	UTILITIES					
92495	BLACK HILLS ENERGY	TOWN HALL	01/10/2020	13330	01/10/2020	929.31
01-4194-3410	UTILITIES					
92495	BLACK HILLS ENERGY	THOMPSON HOUSE 301 LEWIE	01/10/2020	13330	01/10/2020	186.59
Total 01-4194-3410:						1,665.27
01-4310-3410	UTILITIES					
25760	HOLY CROSS ENERGY	HWY 133 & VILLAGE LANE ST LI	01/10/2020	13316	01/10/2020	58.23
01-4310-3410	UTILITIES					
25760	HOLY CROSS ENERGY	COWEN PUMP STATION	01/10/2020	13316	01/10/2020	19.40
01-4310-3410	UTILITIES					
25760	HOLY CROSS ENERGY	101 HWY 133 IRR. PUMP SKID	01/10/2020	13316	01/10/2020	30.12
01-4310-3410	UTILITIES					
57760	XCEL ENERGY	STREET LIGHTS	667336925	13315	01/10/2020	4,469.07
Total 01-4310-3410:						4,576.82
01-4500-3410	UTILITIES					
92495	BLACK HILLS ENERGY	ARENA BUILDING	01/10/2020	13330	01/10/2020	97.10
01-4500-3410	UTILITIES					
25760	HOLY CROSS ENERGY	ARENA BUILDING	01/10/2020	13316	01/10/2020	33.92
Total 01-4500-3410:						131.02
01-4520-3410	UTILITIES					
25760	HOLY CROSS ENERGY	WEAVER CEMETERY	01/10/2020	13316	01/10/2020	19.20
01-4520-3410	UTILITIES					
25760	HOLY CROSS ENERGY	GIANINETTI RESTROOM LIGHT	01/10/2020	13316	01/10/2020	45.11
Total 01-4520-3410:						64.31
31-4335-3410	UTILITIES					
92495	BLACK HILLS ENERGY	WWTP HEADWORKS 171 HWY	01/10/2020	13330	01/10/2020	555.11
31-4335-3410	UTILITIES					
92495	BLACK HILLS ENERGY	WW GARAGE	01/10/2020	13330	01/10/2020	172.46
31-4335-3410	UTILITIES					
92495	BLACK HILLS ENERGY	DIGESTER	01/10/2020	13330	01/10/2020	4,243.78
31-4335-3410	UTILITIES					
92495	BLACK HILLS ENERGY	UTIL ADMIN (1/2) 171 HWY 133	01/10/2020	13330	01/10/2020	58.22
31-4335-3410	UTILITIES					
92495	BLACK HILLS ENERGY	A BASIN	01/10/2020	13330	01/10/2020	236.96
Total 31-4335-3410:						5,266.53
41-4336-3410	UTILITIES					
92495	BLACK HILLS ENERGY	RFWTP 610 N 4TH ST	01/10/2020	13330	01/10/2020	328.43
41-4336-3410	UTILITIES					
92495	BLACK HILLS ENERGY	WATER GARAGE	01/10/2020	13330	01/10/2020	150.03

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Vendor	Vendor Name	GL Acct No Description	Invoice No	PO No	Invoice Date	Amount
41-4336-3410	UTILITIES					
92495	BLACK HILLS ENERGY	UTIL ADMIN (1/2) 171 HWY 133	01/10/2020	13330	01/10/2020	58.21
41-4336-3410	UTILITIES					
25760	HOLY CROSS ENERGY	NC PLANT	01/10/2020	13316	01/10/2020	1,299.27
41-4336-3410	UTILITIES					
25760	HOLY CROSS ENERGY	RF WELL	01102020	13326	01/10/2020	305.55
Total 41-4336-3410:						2,141.49
75-4500-3450	UTILITIES					
92495	BLACK HILLS ENERGY	REC CTR	01/10/2020	13330	01/10/2020	885.27
Total 75-4500-3450:						885.27
Grand Totals:						14,957.78

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Vendor	Vendor Name	GL Acct No	Description	Invoice No	PO No	Invoice Date	Amount
01-1411	OFFICE SUPPLY INVENTORY						
76139	UMB	PENS		123119	13352	01/22/2020	11.46
Total 01-1411:							11.46
01-2271	ESCROW FOR DEVELOPERS						
38906	Primo Properties	RETURN OF IRRIGATION ESCR		012271	25396	01/09/2020	3,000.00
Total 01-2271:							3,000.00
01-34-73	RECREATION FEES						
1540	ACCESS AFTER SCHOOL	refund		012820	13335	01/28/2020	280.00
Total 01-34-73:							280.00
01-36-22	RV PARK FEES						
38906	JONES, WILLIAM	REFUND FOR RV PARK CANCE		12220	101857	01/22/2020	470.00
Total 01-36-22:							470.00
01-4025-2110	ELECTION SUPPLIES						
76139	UMB	FOLDERS		123119	13352	01/22/2020	10.34
Total 01-4025-2110:							10.34
01-4025-3310	ADVERTISING						
48260	SOPRIS SUN	APPLICATIONS FOR TRUSTEE		21960	13355	01/09/2020	160.00
Total 01-4025-3310:							160.00
01-4111-2400	MISCELLANEOUS EXPENSE						
76139	UMB	XMAS LUNCHES		123119	13352	01/22/2020	919.41
Total 01-4111-2400:							919.41
01-4111-3300	DUES AND PUBLICATIONS						
12830	COLORADO COMMUNITIES FO	2020 MEMEBERSHIP		2020-008	13331	01/16/2020	5,000.00
Total 01-4111-3300:							5,000.00
01-4121-3980	CONTRACT LABOR						
28280	JOHN COLLINS PC	JUDGE'S CONTRACT		12220	13350	01/22/2020	1,605.63
Total 01-4121-3980:							1,605.63
01-4150-2100	POSTAGE						
39900	PITNEY BOWES INC	INK CARTRIDGES		1014734680	13346	01/09/2020	226.08
Total 01-4150-2100:							226.08
01-4150-2110	OFFICE SUPPLIES						
76139	UMB	EASEL		123119	13352	01/22/2020	25.01
Total 01-4150-2110:							25.01
01-4150-2400	MISCELLANEOUS EXPENSE						
76139	UMB	BUS PASSES		123119	13352	01/22/2020	118.00

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Total 01-4150-2400:							118.00
01-4150-3300 DUES AND MEMBERSHIPS							
18940	EMPLOYERS COUNCIL SERVIC	MEMBERSHIP DUES		326986	13353	01/13/2020	6,000.00
Total 01-4150-3300:							6,000.00
01-4150-3310 ADVERTISING							
48260	SOPRIS SUN	BOARD OF ADJUSTMENT - BOA	21983	13337		01/09/2020	85.00
Total 01-4150-3310:							85.00
01-4150-3311 RECRUITING EXPENSES							
18940	EMPLOYERS COUNCIL SERVIC	BACKGROUND CHECKS - TOW	323498	13339		12/23/2019	20.00
01-4150-3311 RECRUITING EXPENSES							
48260	SOPRIS SUN	POLICE CHIEF AD	21984	66685		01/09/2020	160.00
01-4150-3311 RECRUITING EXPENSES							
76139	UMB	BACKGROUND CHECKS	123119	13352		01/22/2020	207.05
Total 01-4150-3311:							387.05
01-4150-3312 DOCUMENT RECORDING FEES							
21400	GARFIELD COUNTY CLERK	RECORDING FEES	012220	13343		01/22/2020	83.00
01-4150-3312 DOCUMENT RECORDING FEES							
21400	GARFIELD COUNTY CLERK	RECORDING FEES	012220	13343		01/22/2020	33.00
01-4150-3312 DOCUMENT RECORDING FEES							
21400	GARFIELD COUNTY CLERK	RECORDING FEES	012220	13343		01/22/2020	26.00
Total 01-4150-3312:							142.00
01-4150-5140 DEDUCTIBLE EXPENSE							
11500	CIRSA	DEDUCTIBLE CLAIM # PC60086	192146	13334		01/15/2020	500.00
Total 01-4150-5140:							500.00
01-4150-5310 OFFICE EQUIPMENT RENTAL							
57780	XEROX CORPORATION	COPIER LEASE TOWN HALL	099118981	13340		01/01/2020	423.87
Total 01-4150-5310:							423.87
01-4151-2110 OFFICE SUPPLIES							
76139	UMB	W-2'S AND 1099 FORMS	123119	13352		01/22/2020	214.92
Total 01-4151-2110:							214.92
01-4191-3210 PRINTING EXPENSE							
34260	MICRO PLASTICS INC	ALL WEATHER SIGNS FOR PUB	129154	13347		11/27/2019	685.76
Total 01-4191-3210:							685.76
01-4191-3571 DEVELOPER REIMBURSABLE							
8720	BUCK, JANET	RECORDING FEES Main Street	930572	13336		01/14/2019	26.00
01-4191-3571 DEVELOPER REIMBURSABLE							
21400	GARFIELD COUNTY CLERK	RECORDING FEES-Main Street	012220	13343		01/22/2020	202.00

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Total 01-4191-3571:							228.00
01-4192-3560	SOFTWARE SERVICES						
69800	MITCHELL AND COMPANY		StorageCraft Shadow Protection	121667	13333	01/15/2020	592.50
01-4192-3560	SOFTWARE SERVICES						
76139	UMB		EMAIL	123119	13352	01/22/2020	1,399.12
Total 01-4192-3560:							1,991.62
01-4192-3630	COMPUTER MAINTENANCE						
69800	MITCHELL AND COMPANY		General Computer Support	121667	13333	01/15/2020	695.00
Total 01-4192-3630:							695.00
01-4194-2290	GENERAL SUPPLIES						
76139	UMB		LED LIGHTS	123119	13352	01/22/2020	7.99
Total 01-4194-2290:							7.99
01-4194-3410	UTILITIES						
71380	SUNCENTRAL		town hall	395EE3AF	13344	01/14/2020	409.63
01-4194-3410	UTILITIES						
71380	SUNCENTRAL		UNIT PV	395EE3AF	13344	01/14/2020	139.09
Total 01-4194-3410:							548.72
01-4195-2311	POLICE FUEL						
76139	UMB		FUEL	123119	13352	01/22/2020	83.36
01-4195-2311	POLICE FUEL						
53840	VALERO MARKETING AND SUP		POLICE FUEL	12220	66679	01/22/2020	1,392.91
Total 01-4195-2311:							1,476.27
01-4195-2312	ORDINANCE FUEL						
53840	VALERO MARKETING AND SUP		ORDINANCE FUEL	12220	66679	01/22/2020	118.92
Total 01-4195-2312:							118.92
01-4195-2316	RECREATION FUEL						
53840	VALERO MARKETING AND SUP		RECREATION FUEL	12220	66679	01/22/2020	49.01
Total 01-4195-2316:							49.01
01-4195-2321	POLICE MAINTENANCE						
5800	AV-TECH ELECTRONICS INC		POLICE VEHICLE MAINT	79895	66686	01/15/2020	1,213.66
01-4195-2321	POLICE MAINTENANCE						
21180	GALLS AN ARAMARK CO LLC		1ST RESPONSE KIT	14058058	66460	10/23/2019	150.18
Total 01-4195-2321:							1,363.84
01-4195-2324	STREETS MAINTENANCE						
2840	ALL STATE COMMUNICATIONS		2019 FORD F350 REWIRE 2 WA	34552	25389	11/18/2019	98.75
01-4195-2324	STREETS MAINTENANCE						
14110	COMMERCIAL TIRE SERVICE IN		2007 GMC SIERRA BUCKET TR	53474	25398	01/13/2020	357.75
01-4195-2324	STREETS MAINTENANCE						
16685	DENVER WINPUMP COMPANY		2004 FORD WATER TRUCK WAT	09411601	25388	12/30/2019	1,245.26

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01-4195-2324	STREETS MAINTENANCE					
76487	TWO VALLEY TIRE	2014 KENWORTH REPAIR DRIV	W-138908	25397	12/26/2019	492.89
01-4195-2324	STREETS MAINTENANCE					
76139	UMB	STEEL	123119	13352	01/22/2020	39.36
01-4195-2324	STREETS MAINTENANCE					
76139	UMB	BACKHOE FILTER	123119	13352	01/22/2020	37.80
Total 01-4195-2324:						2,271.81
01-4195-2325	PARKS MAINTENANCE					
14110	COMMERCIAL TIRE SERVICE IN	2007 GMC SIERRA BUCKET TR	53474	25398	01/13/2020	357.75
01-4195-2325	PARKS MAINTENANCE					
23135	GRAINGER INC	2006 JD 1445 MOWER HYDRAU	9399673905	25390	01/03/2020	123.80
Total 01-4195-2325:						481.55
01-4195-9410	TOOLS AND EQUIPMENT					
76139	UMB	TRASH CANS	123119	13352	01/22/2020	65.96
Total 01-4195-9410:						65.96
01-4210-2100	POSTAGE					
76139	UMB	SHIPPING	123119	13352	01/22/2020	61.69
Total 01-4210-2100:						61.69
01-4210-2110	OFFICE SUPPLIES					
76368	PRINT WORKS	BUSINESS CARDS (1)	105080	66682	01/02/2020	56.00
01-4210-2110	OFFICE SUPPLIES					
76139	UMB	OFFICE SUPPLIES	123119	13352	01/22/2020	66.37
01-4210-2110	OFFICE SUPPLIES					
76139	UMB	INK, SUPPLIES	123119	13352	01/22/2020	178.31
01-4210-2110	OFFICE SUPPLIES					
57780	XEROX CORPORATION	COPIER LEASE POLICE	099118988	66683	01/01/2020	114.83
Total 01-4210-2110:						417.51
01-4210-2290	GENERAL SUPPLIES					
76139	UMB	SUPPLIES	123119	13352	01/22/2020	23.47
Total 01-4210-2290:						23.47
01-4210-2291	INVESTIGATION EXPENSE					
76139	UMB	INVESTIGATIVE TOOLS	123119	13352	01/22/2020	200.00
Total 01-4210-2291:						200.00
01-4210-2292	CLOTHING ALLOWANCE					
1920	ADAMSON POLICE PRODUCTS	UNIFORM ACCESSORIES	317973,3180	66684	01/03/2020	35.85
01-4210-2292	CLOTHING ALLOWANCE					
21180	GALLS AN ARAMARK CO LLC	UNIFORM BOOTS	14058058	66460	10/23/2019	142.99
01-4210-2292	CLOTHING ALLOWANCE					
76139	UMB	UNIFORM SHOES	123119	13352	01/22/2020	130.00
Total 01-4210-2292:						308.84

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Vendor	Vendor Name	GL Acct No	Description	Invoice No	PO No	Invoice Date	Amount
01-4210-2400 MISCELLANEOUS EXPENSE							
76139	UMB		SHOP WITH A COP	123119	13352	01/22/2020	7,278.84
Total 01-4210-2400:							7,278.84
01-4210-3300 DUES AND PUBLICATIONS							
92686	BLUE360 MEDIA		COLORADO PEACE OFFICER'S	19001100225	66687	11/28/2019	309.40
01-4210-3300 DUES AND PUBLICATIONS							
76139	UMB		MEMBERSHIP RENEWAL	123119	13352	01/22/2020	190.00
Total 01-4210-3300:							499.40
01-4210-3700 TRAVEL AND CONFERENCE							
38905	LAZO, PAUL		PER DIEM	12220	66681	01/22/2020	92.00
01-4210-3700 TRAVEL AND CONFERENCE							
76139	UMB		LODGING, TRAINING	123119	13352	01/22/2020	1,028.88
01-4210-3700 TRAVEL AND CONFERENCE							
76139	UMB		RECRUITMENT	123119	13352	01/22/2020	325.16
Total 01-4210-3700:							1,446.04
01-4210-8000 FEDERAL GRANT EXPENSE							
76139	UMB		TRIDENT	123119	13352	01/22/2020	852.60
Total 01-4210-8000:							852.60
01-4215-9450 RADIO EQUIPMENT							
76139	UMB		SUPPLIES	123119	13352	01/22/2020	74.90
Total 01-4215-9450:							74.90
01-4215-9460 PHONE EQUIPMENT							
76139	UMB		PHONE ACCESSORIES	123119	13352	01/22/2020	29.97
Total 01-4215-9460:							29.97
01-4242-2110 OFFICE SUPPLIES							
76139	UMB		TONER	123119	13352	01/22/2020	49.25
Total 01-4242-2110:							49.25
01-4242-3570 PLAN REVIEW FEES							
37185	NORTH39ENERGY		CONSULTING- ENERGY	109202	13354	01/05/2020	3,000.00
Total 01-4242-3570:							3,000.00
01-4242-3700 TRAVEL AND CONFERENCE							
40020	PLANO, JOHN		CCICC education Institute - contin	1220	13345	01/22/2020	276.00
01-4242-3700 TRAVEL AND CONFERENCE							
40020	PLANO, JOHN		CCICC education Institute - Inspe	1220	13345	01/22/2020	221.00
Total 01-4242-3700:							497.00
01-4298-2292 CLOTHING ALLOWANCE							
1920	ADAMSON POLICE PRODUCTS		ORDINANCE UNIFORM	317973,3180	66684	01/03/2020	125.98
01-4298-2292 CLOTHING ALLOWANCE							
1920	ADAMSON POLICE PRODUCTS		UNIFORM ACCESSORIES	317973,3180	66684	01/03/2020	11.95

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Vendor	Vendor Name	Description	Invoice No	PO No	Invoice Date	Amount
Total 01-4298-2292:						137.93
01-4310-2250	SAFETY EQUIPMENT					
76139	UMB	GLOVES, MASKS	123119	13352	01/22/2020	65.91
Total 01-4310-2250:						65.91
01-4310-2290	GENERAL SUPPLIES					
76139	UMB	LIGHTS	123119	13352	01/22/2020	79.53
01-4310-2290	GENERAL SUPPLIES					
76139	UMB	SAFETY GLASSES AND SNOW	123119	13352	01/22/2020	81.97
Total 01-4310-2290:						161.50
01-4310-2420	SIGN PURCHASES					
76139	UMB	SIGN	123119	13352	01/22/2020	26.43
01-4310-2420	SIGN PURCHASES					
76139	UMB	CONCRETE	123119	13352	01/22/2020	42.55
Total 01-4310-2420:						68.98
01-4310-3410	UTILITIES					
76165	CARBONDALE SOLAR LLC	SOLAR ELECTRICITY DELIVER	73	13332	01/17/2020	78.35
01-4310-3410	UTILITIES					
71380	SUNCENTRAL	Downtown sign	395EE3AF	13344	01/14/2020	75.88
01-4310-3410	UTILITIES					
71380	SUNCENTRAL	Hendricks Park	395EE3AF	13344	01/14/2020	26.56
01-4310-3410	UTILITIES					
71380	SUNCENTRAL	IRRIGATION	395EE3AF	13344	01/14/2020	51.38
01-4310-3410	UTILITIES					
71380	SUNCENTRAL	STREET LIGHTS	395EE3AF	13344	01/14/2020	4.75
01-4310-3410	UTILITIES					
71380	SUNCENTRAL	DT ELECTRIC CIRCUIT	395EE3AF	13344	01/14/2020	74.36
Total 01-4310-3410:						311.28
01-4310-3550	TREE MAINTENANCE					
76139	UMB	TAPE, BLADES	123119	13352	01/22/2020	8.79
Total 01-4310-3550:						8.79
01-4310-3681	SNOW REMOVAL					
17340	DORAIS EXCAVATING INC	HAULING - SNOW REMOVAL	4013	25387	01/13/2020	2,380.00
01-4310-3681	SNOW REMOVAL					
17980	E & L TRUCKING INC	HAUL SNOW	2001,0391,0	25406	01/02/2020	2,422.50
01-4310-3681	SNOW REMOVAL					
28805	JV TRUCKING LLC	HAUL SNOW	IN0077	25392	01/09/2020	4,037.50
01-4310-3681	SNOW REMOVAL					
36500	NEVAREZ TRUCKING	HAULING - SNOW REMOVAL	1482	25393	01/13/2020	3,697.50
01-4310-3681	SNOW REMOVAL					
45040	RON GOSCHA TRUCKING LLC	HAULING - SNOW REMOVAL	12220	25391	01/22/2020	2,380.00
01-4310-3681	SNOW REMOVAL					
76139	UMB	SNOW SHOVELS	123119	13352	01/22/2020	74.46
Total 01-4310-3681:						14,991.96

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01-4310-3683	STREET MAINTENANCE					
76139 UMB		CHALK, MATERIALS	123119	13352	01/22/2020	70.29
Total 01-4310-3683:						70.29
01-4310-7262	PUBLIC ARTS PROGRAM					
76139 UMB		MARKETING AND EMAIL BLAST	123119	13352	01/22/2020	381.88
Total 01-4310-7262:						381.88
01-4310-9410	TOOLS AND EQUIPMENT					
76139 UMB		TAPE MEASURE, CHALK, SUPP	123119	13352	01/22/2020	39.55
Total 01-4310-9410:						39.55
01-4318-2110	OFFICE SUPPLIES					
76139 UMB		OFFICE SUPPLIES	123119	13352	01/22/2020	140.94
Total 01-4318-2110:						140.94
01-4318-2252	SAFETY COMMITTEE					
76139 UMB		SAFETY MEETING LUNCH	123119	13352	01/22/2020	484.37
Total 01-4318-2252:						484.37
01-4318-2290	GENERAL SUPPLIES					
76139 UMB		SUPPLIES	123119	13352	01/22/2020	66.00
Total 01-4318-2290:						66.00
01-4318-3400	Rental Property Expense					
10620 C'DALE LLC		LEASE LOT B	1222020	13348	01/22/2020	450.00
01-4318-3400	Rental Property Expense					
44120 ROARING FORK TRANSIT AUTH		2020 CORRIDOR LICENSE FEE	29173	25401	01/01/2020	20.00
Total 01-4318-3400:						470.00
01-4318-8000	SPRING CLEAN UP					
35420 MOUNTAIN WASTE & RECYCLI		LEAF DAYS	12220	25402	01/22/2020	6,850.00
Total 01-4318-8000:						6,850.00
01-4500-2110	OFFICE SUPPLIES					
76139 UMB		OFFICE SUPPLIES	123119	13352	01/22/2020	107.66
Total 01-4500-2110:						107.66
01-4500-2244	PROGRAM SUPPLIES					
76139 UMB		STAMPS	123119	13352	01/22/2020	30.00
Total 01-4500-2244:						30.00
01-4500-2292	CLOTHING ALLOWANCE					
76139 UMB		UNIFORM CLOTHING	123119	13352	01/22/2020	51.04
Total 01-4500-2292:						51.04

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01-4500-3210 PRINTING EXPENSE							
48260	SOPRIS SUN		SPRING BROCHURE 2020 INVO	21957,21985	101861	12/18/2019	749.50
Total 01-4500-3210:							749.50
01-4500-3310 ADVERTISING							
4120	ANDY ZANCA YOUTH EMPOWE		UNDERWRITING FOR REC CEN	1920	101868	01/09/2020	500.00
01-4500-3310 ADVERTISING							
93960	KPVW-FM		CRCC SPANISH RADIO AD INVO	5024541	1018218274	12/29/2019	175.00
Total 01-4500-3310:							675.00
01-4500-3410 UTILITIES							
71380	SUNCENTRAL	N.F. Ballfields		395EE3AF	13344	01/14/2020	131.36
01-4500-3410 UTILITIES							
71380	SUNCENTRAL	Northface		395EE3AF	13344	01/14/2020	16.60
Total 01-4500-3410:							147.96
01-4500-3630 EQUIP MAINT AND REPAIR							
76139	UMB		TOOLS	123119	13352	01/22/2020	161.23
Total 01-4500-3630:							161.23
01-4500-3651 RIDING ARENA MAINTENANCE							
76139	UMB		SUPPLIES FOR THE ICE RINKS	123119	13352	01/22/2020	860.74
Total 01-4500-3651:							860.74
01-4500-3652 BBALL/SOCCER FIELD MAINTENANCE							
76139	UMB		BATTING CAGE	123119	13352	01/22/2020	3,559.90
Total 01-4500-3652:							3,559.90
01-4500-3660 BLDG MAINTENANCE EXPENSE							
76139	UMB		SUPPLIES	123119	13352	01/22/2020	40.95
Total 01-4500-3660:							40.95
01-4500-8000 SELF FUNDED SPECIAL EVENTS							
92414	CARBONDALE ARTS		ROSYBELLE BUS POTATO DAY	INV47	101858	10/16/2019	120.00
01-4500-8000 SELF FUNDED SPECIAL EVENTS							
92414	CARBONDALE ARTS		ROSYBELLE BUS OKTOBERFE	INV47	101858	10/16/2019	80.00
01-4500-8000 SELF FUNDED SPECIAL EVENTS							
9780	CARBONDALE CHAMBER OF C		FULL MOON TRI STAND ALONE	19168,19167	101863	01/08/2020	100.00
01-4500-8000 SELF FUNDED SPECIAL EVENTS							
9780	CARBONDALE CHAMBER OF C		E-NEWS LETTER FULL MOON T	19168,19167	101863	01/08/2020	10.00
01-4500-8000 SELF FUNDED SPECIAL EVENTS							
48260	SOPRIS SUN		AD FULL MOON TRI INVOICE #2	21957,21985	101861	12/18/2019	160.00
01-4500-8000 SELF FUNDED SPECIAL EVENTS							
76139	UMB		SUPPLIES FOR LIGHT UP	123119	13352	01/22/2020	243.34
Total 01-4500-8000:							713.34
01-4500-8200 SENIOR PROGRAMS							
76139	UMB		LUNCH SENIOR TRIP LEADERS	123119	13352	01/22/2020	16.45

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Vendor	Vendor Name	Description	Invoice No	PO No	Invoice Date	Amount
Total 01-4500-8200:						16.45
01-4520-2292 CLOTHING ALLOWANCE						
76139	UMB	PANTS, UNIFORMS	123119	13352	01/22/2020	187.21
Total 01-4520-2292:						187.21
01-4520-2440 PARK MAINTENANCE SUPPLIES						
41080	PROPET DISTRIBUTORS	DOGI-POT BAGS INVOICE #128	128248	101859	01/13/2020	1,038.00
01-4520-2440 PARK MAINTENANCE SUPPLIES						
76139	UMB	POST FOR RAILING	123119	13352	01/22/2020	22.05
Total 01-4520-2440:						1,060.05
01-4520-3410 UTILITIES						
76165	CARBONDALE SOLAR LLC	SOLAR ELECTRICITY DELIVER	73	13332	01/17/2020	222.33
01-4520-3410 UTILITIES						
71380	SUNCENTRAL	park rr/chamber	395EE3AF	13344	01/14/2020	9.73
01-4520-3410 UTILITIES						
71380	SUNCENTRAL	SOPRIS PARK	395EE3AF	13344	01/14/2020	4.75
01-4520-3410 UTILITIES						
71380	SUNCENTRAL	SOPRIS II	395EE3AF	13344	01/14/2020	5.63
Total 01-4520-3410:						242.44
01-4520-3600 PARKS MAINTENANCE						
76139	UMB	HARDWARE	123119	13352	01/22/2020	4.63
Total 01-4520-3600:						4.63
01-4520-3660 BLDG MAINTENANCE EXPENSE						
76139	UMB	PAINT	123119	13352	01/22/2020	25.99
01-4520-3660 BLDG MAINTENANCE EXPENSE						
76139	UMB	LIGHT BULBS	123119	13352	01/22/2020	23.83
Total 01-4520-3660:						49.82
01-4520-3684 TRAILS MAINTENANCE						
76139	UMB	SNOW SHOVELS	123119	13352	01/22/2020	119.18
Total 01-4520-3684:						119.18
01-4520-9410 TOOLS AND EQUIPMENT						
76139	UMB	REFINISH TRASH CANS	123119	13352	01/22/2020	14.69
Total 01-4520-9410:						14.69
01-4525-3600 RV PARK MAINTENANCE						
76116	OLDCASTLE SW GROUP INC.	3/4" ROAD BASE RV PARK INVO	1331828	101866	01/09/2020	229.25
01-4525-3600 RV PARK MAINTENANCE						
44000	ROARING FORK RENTALS INC	GATEWAY CONTRACT CHAMBE	264265	25385	01/10/2020	550.00
01-4525-3600 RV PARK MAINTENANCE						
76139	UMB	SUPPLIES	123119	13352	01/22/2020	74.88
Total 01-4525-3600:						854.13

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01-4525-9360	RV PARK IMPROVEMENTS/EQUIPMENT					
76139	UMB	SHELVING FOR SHED	123119	13352	01/22/2020	208.95
Total 01-4525-9360:						208.95
01-4634-2500	ADMIN AFFORDABLE HOUSING					
21510	GARFIELD COUNTY HOUSING	PROFESSIONAL SVC CONTRA	TOC012020	13338	01/08/2020	7,500.00
Total 01-4634-2500:						7,500.00
10-4800-3600	PARKS MAINTENANCE					
76139	UMB	REFINISH TRASH CANS	123119	13352	01/22/2020	412.13
Total 10-4800-3600:						412.13
12-4210-3700	EDUCATION & TRAINING					
93935	LEACH, ISABEL	PER DIEM	012220	66680	01/22/2020	266.00
Total 12-4210-3700:						266.00
31-4335-2111	LAB SUPPLIES					
76139	UMB	HYDRANT LOCKS, STORAGE, S	123119	13352	01/22/2020	779.20
Total 31-4335-2111:						779.20
31-4335-2250	SAFETY EQUIPMENT					
76139	UMB	POSTAGE	123119	13352	01/22/2020	9.90
Total 31-4335-2250:						9.90
31-4335-2290	GENERAL SUPPLIES					
76139	UMB	ICE MELT, PAPER SUPPLIES	123119	13352	01/22/2020	392.76
Total 31-4335-2290:						392.76
31-4335-2292	UNIFORMS					
76139	UMB	UNIFORMS	123119	13352	01/22/2020	117.36
Total 31-4335-2292:						117.36
31-4335-2310	VEHICLE FUEL					
53840	VALERO MARKETING AND SUP	WATER/WASTEWATER FUEL	12220	66679	01/22/2020	40.51
Total 31-4335-2310:						40.51
31-4335-2320	VEHICLE MAINTENANCE					
76139	UMB	JET TRUCK SAW FOR CAMERA	123119	13352	01/22/2020	624.98
Total 31-4335-2320:						624.98
31-4335-2380	PLANT MAINTENANCE					
16620	DENVER INDUSTRIAL PUMP	CHLORINE EJECTOR PUMP	92941	25394	01/10/2020	786.59
31-4335-2380	PLANT MAINTENANCE					
76139	UMB	SCREW PRESS, PARTS, SUPPL	123119	13352	01/22/2020	1,656.14
Total 31-4335-2380:						2,442.73

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31-4335-2381	SLUDGE DISPOSAL					
39810	PITKIN COUNTY LANDFILL	BIO- SOLIDS 167891	167891	25384	01/08/2020	95.40
31-4335-2381	SLUDGE DISPOSAL					
39810	PITKIN COUNTY LANDFILL	BIO- SOLIDS 168109	167891	25384	01/08/2020	84.90
31-4335-2381	SLUDGE DISPOSAL					
39810	PITKIN COUNTY LANDFILL	BIO-SOLIDS	168645	25404	01/17/2020	245.70
Total 31-4335-2381:						426.00
31-4335-2383	COLLECTION SYSTEM MAINTENANCE					
76139	UMB	PVC PIPE, BALL VALVES	123119	13352	01/22/2020	380.27
Total 31-4335-2383:						380.27
31-4335-2385	SCADA MAINTENANCE					
51560	TIMBER LINE ELECTRIC & CON	WW PLANT FLOW METER	4366	25381	12/31/2019	1,241.09
Total 31-4335-2385:						1,241.09
31-4335-3311	RECRUITING EXPENSES					
18940	EMPLOYERS COUNCIL SERVIC	BACKGROUND CHECKS - UTIL	323498	13339	12/23/2019	20.00
Total 31-4335-3311:						20.00
31-4335-3575	UTILITY BILL OUTSOURCING					
2080	ADVANCED INFO SYSTEMS	UB OUTSOURCING	15014	25383	01/08/2020	116.21
Total 31-4335-3575:						116.21
31-4335-3580	PERMIT AND LAB FEES					
76139	UMB	POSTAGE	123119	13352	01/22/2020	120.66
Total 31-4335-3580:						120.66
31-4335-3581	HAZARDOUS WASTE DAY					
35420	MOUNTAIN WASTE & RECYCLI	HAZARDOUS WASTE DAY	12220	25402	01/22/2020	325.00
Total 31-4335-3581:						325.00
31-4335-3810	TRAINING					
76139	UMB	TRAINING, EXAMS	123119	13352	01/22/2020	823.00
Total 31-4335-3810:						823.00
31-4335-5310	OFFICE EQUIPMENT RENTAL					
57780	XEROX CORPORATION	COPIER LEASE	099118987	13341	01/01/2020	87.85
Total 31-4335-5310:						87.85
31-4335-9410	TOOLS AND EQUIPMENT					
76139	UMB	POWER TOOLS, FLASHLIGHT, P	123119	13352	01/22/2020	336.96
Total 31-4335-9410:						336.96
41-4336-2110	OFFICE SUPPLIES					
21400	GARFIELD COUNTY CLERK	RECORDING FEES	012220	13343	01/22/2020	13.00

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41-4336-2110	OFFICE SUPPLIES						
76139	UMB		STAMP	123119	13352	01/22/2020	21.66
Total 41-4336-2110:							34.66
41-4336-2111	LAB SUPPLIES						
76139	UMB		TUBES, SENSOR, STORAGE	123119	13352	01/22/2020	739.61
Total 41-4336-2111:							739.61
41-4336-2292	UNIFORMS						
76139	UMB		UNIFORM BOOTS, PANTS	123119	13352	01/22/2020	202.26
Total 41-4336-2292:							202.26
41-4336-2310	VEHICLE FUEL						
76139	UMB		FUEL	123119	13352	01/22/2020	38.90
Total 41-4336-2310:							38.90
41-4336-2380	PLANT & INTAKE MAINTENANCE						
2420	AIR COMPRESSOR SERVICE IN		COMPRESSOR SERVICE RFTP	48357	25405	01/16/2020	52.43
41-4336-2380	PLANT & INTAKE MAINTENANCE						
76139	UMB		HOSE, TUBING, SCRAPERS, BA	123119	13352	01/22/2020	368.14
Total 41-4336-2380:							420.57
41-4336-2382	HYDRANT MAINTENANCE						
76139	UMB		BUFFER, ELECTRODE STORAG	123119	13352	01/22/2020	900.22
Total 41-4336-2382:							900.22
41-4336-2383	DISTRIBUTION MAINTENANCE						
23240	FERGUSON WATERWORKS #11		TAPPING SLEEVES	1079405	25400	01/09/2020	1,600.92
41-4336-2383	DISTRIBUTION MAINTENANCE						
38906	Holmes Excavation & Concrete In		REPLACE WATER SERVICE LIN	112019	1018218273	11/20/2019	2,420.00
41-4336-2383	DISTRIBUTION MAINTENANCE						
38906	Holmes Excavation & Concrete In		REPAIR LINE	112019	1018218273	11/20/2019	2,582.86
41-4336-2383	DISTRIBUTION MAINTENANCE						
76139	UMB		PUMP	123119	13352	01/22/2020	1,793.41
Total 41-4336-2383:							8,397.19
41-4336-3311	RECRUITING EXPENSES						
18940	EMPLOYERS COUNCIL SERVIC		BACKGROUND CHECKS - UTIL	323498	13339	12/23/2019	20.00
Total 41-4336-3311:							20.00
41-4336-3410	UTILITIES						
76165	CARBONDALE SOLAR LLC		SOLAR ELECTRICITY DELIVER	73	13332	01/17/2020	470.32
41-4336-3410	UTILITIES						
71380	SUNCENTRAL		CRYSTAL WELL	395EE3AF	13344	01/14/2020	9.12
41-4336-3410	UTILITIES						
71380	SUNCENTRAL		RFWTP	395EE3AF	13344	01/14/2020	25.72
41-4336-3410	UTILITIES						
76139	UMB		INTERNET FOR NETTLE CREEK	123119	13352	01/22/2020	100.84

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Total 41-4336-3410:						606.00
41-4336-3575 UTILITY BILL OUTSOURCING						
2080	ADVANCED INFO SYSTEMS	UB OUTSOURCING	15014	25383	01/08/2020	116.20
Total 41-4336-3575:						116.20
41-4336-3580 PERMIT AND LAB FEES						
1600	SGS ACCUTEST NORTH AMERI	WATER ANALYSIS - SOC'S	52160116253	25382	01/08/2020	1,212.04
41-4336-3580 PERMIT AND LAB FEES						
76139	UMB	POSTAGE FOR WATER SAMPLE	123119	13352	01/22/2020	472.98
Total 41-4336-3580:						1,685.02
41-4336-3660 BLDG MAINTENANCE EXPENSE						
76139	UMB	HOOKS	123119	13352	01/22/2020	3.21
Total 41-4336-3660:						3.21
41-4336-3810 TRAINING						
76139	UMB	EXAM	123119	13352	01/22/2020	85.00
Total 41-4336-3810:						85.00
41-4336-5310 OFFICE EQUIPMENT RENTAL						
57780	XEROX CORPORATION	COPIER LEASE	099118987	13341	01/01/2020	87.85
Total 41-4336-5310:						87.85
41-4336-9410 TOOLS AND EQUIPMENT						
76139	UMB	TRAILER HITCH, LIGHTS, TOOL	123119	13352	01/22/2020	665.31
Total 41-4336-9410:						665.31
41-4337-3520 WATER AUGMENTATION						
21400	GARFIELD COUNTY CLERK	RECORDING FEES	012220	13343	01/22/2020	43.00
Total 41-4337-3520:						43.00
41-4337-3570 DESIGN AND ENGINEERING						
42900	RESOURCE ENGINEERING INC	WATER RIGHTS ANALYSIS - DIV	21334,21474	25403	12/31/2019	157.00
41-4337-3570 DESIGN AND ENGINEERING						
42900	RESOURCE ENGINEERING INC	RFWF DILLIGENCE APPLICATIO	21334,21474	25403	12/31/2019	2,130.75
Total 41-4337-3570:						2,287.75
51-4335-3575 UTILITY BILL OUTSOURCING						
2080	ADVANCED INFO SYSTEMS	UB OUTSOURCING	15014	25383	01/08/2020	116.20
Total 51-4335-3575:						116.20
51-4335-3980 CONTRACT SERVICES						
35420	MOUNTAIN WASTE & RECYCLI	DECEMBER TRASH SERVICE	12220	25402	01/22/2020	30,325.81
Total 51-4335-3980:						30,325.81

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71-4632-2400 MISCELLANEOUS EXPENSE							
76139	UMB		REPAIRS	123119	13352	01/22/2020	28.98
Total 71-4632-2400:							28.98
71-4632-3400 RENTAL PROPERTY EXPENSE							
12130	CLEVELAND PLACE II HOA		1ST QUARTER DUES 2020	1222020	13349	01/22/2020	120.00
Total 71-4632-3400:							120.00
71-4632-3410 UTILITIES							
92495	BLACK HILLS ENERGY		101 HWY 133 1A TRAILER	1222020	13351	01/28/2020	103.24
Total 71-4632-3410:							103.24
75-34-73 ENTRANCE FEES							
38906	BROWN, LINDSAY		REFUND FOR CANCELLED ME	2044173	1018218275	01/14/2020	116.00
Total 75-34-73:							116.00
75-4500-2110 OFFICE SUPPLIES							
76139	UMB		LAMINATING SHEETS	123119	13352	01/22/2020	20.98
Total 75-4500-2110:							20.98
75-4500-2244 PROGRAM SUPPLIES							
76139	UMB		CANNERS, YOGA BLANKETS	123119	13352	01/22/2020	512.12
Total 75-4500-2244:							512.12
75-4500-2290 GENERAL SUPPLIES							
92480	CANYON CLEANERS		MOP HEADS, YOGA BLANKETS,	1002949-12-	101835	12/27/2019	379.89
75-4500-2290 GENERAL SUPPLIES							
76139	UMB		VACCUM, WIPES, BATTERIES	123119	13352	01/22/2020	298.99
75-4500-2290 GENERAL SUPPLIES							
56350	WESTERN PAPER DISTRIBUTO		REC CUSTODIAL SUPPLIES INV	3601040	101869	01/20/2020	203.86
Total 75-4500-2290:							882.84
75-4500-3210 PRINTING EXPENSE							
48260	SOPRIS SUN		SPRING BROCHURE 2020 INVO	21957,21985	101861	12/18/2019	749.50
Total 75-4500-3210:							749.50
75-4500-3310 ADVERTISING							
4120	ANDY ZANCA YOUTH EMPOWE		UNDERWRITING FOR REC CEN	1920	101868	01/09/2020	500.00
75-4500-3310 ADVERTISING							
93960	KPVW-FM		CRCC SPANISH RADIO AD INVO	5024541	1018218274	12/29/2019	175.00
75-4500-3310 ADVERTISING							
76139	UMB		SUBSCRIPTION	123119	13352	01/22/2020	39.00
Total 75-4500-3310:							714.00
75-4500-3311 RECRUITING EXPENSES							
18940	EMPLOYERS COUNCIL SERVIC		BACKGROUND CHECKS - REC	323498	13339	12/23/2019	20.00

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Total 75-4500-3311:						20.00
75-4500-3410 UTILITIES (ELECTRIC)						
71380	SUNCENTRAL	REC CTR	395EE3AF	13344	01/14/2020	6.01
Total 75-4500-3410:						6.01
75-4500-3530 EQUIP MAINTENANCE & REPAIR						
20100	FITNESS TECH	FITNESS EQUIP MAINTANENCE	32228	101862	01/13/2020	50.00
75-4500-3530 EQUIP MAINTENANCE & REPAIR						
76139	UMB	PARTS FOR LEMOND BIKE	123119	13352	01/22/2020	468.62
Total 75-4500-3530:						518.62
75-4500-3560 SOFTWARE SERVICES						
76139	UMB	ACCESS ADOBE CLOUD SOFT	123119	13352	01/22/2020	399.95
Total 75-4500-3560:						399.95
75-4500-3630 COMPUTER MAINT AND REPAIR						
69800	MITCHELL AND COMPANY	General Computer Support	121667	13333	01/15/2020	155.00
Total 75-4500-3630:						155.00
75-4500-3660 BLDG MAINTENANCE & GROUNDS						
35360	MOUNTAIN PEST CONTROL INC	MICE CONTROL REC CENTER I	1108416	101864	01/09/2020	65.00
75-4500-3660 BLDG MAINTENANCE & GROUNDS						
76139	UMB	SOLAR LIGHT	123119	13352	01/22/2020	58.65
Total 75-4500-3660:						123.65
75-4500-3980 CONTRACT LABOR						
76375	HODDER, RICHARD	TAEKWONDO INSTRUCTION	12220	101867	01/01/2020	745.80
Total 75-4500-3980:						745.80
75-4500-5310 OFFICE EQUIPMENT RENTAL						
92688	XEROX FINANCIAL SERVICES	COPIER LEASE AND METER CH	013020	101860	12/31/2019	264.76
Total 75-4500-5310:						264.76
75-4512-2400 MISCELLANEOUS EXPENSE						
76139	UMB	GIFT CARDS	123119	13352	01/22/2020	65.00
Total 75-4512-2400:						65.00
75-4512-9360 POOL EQUIPMENT						
76139	UMB	LIFE JACKETS FOR INFANTS	123119	13352	01/22/2020	68.25
Total 75-4512-9360:						68.25
75-4800-9365 PARK & REC FACILITIES						
16820	DESIGN WORKSHOP INC	AQUATICS FACILITY MASTER P	0063441	101865	01/08/2020	2,258.44
Total 75-4800-9365:						2,258.44

Jan 22, 2020 05:24PM

		GL Acct No				
Vendor	Vendor Name	Description	Invoice No	PO No	Invoice Date	Amount
77-4500-5320	MERCHANT FEE					
76333	MUNIRvs	ONLINE PAYMENT MERCHANT	1519	13342	01/01/2020	240.62
Total 77-4500-5320:						240.62
Grand Totals:						149,758.11

**MINUTES
CARBONDALE BOARD OF TRUSTEES
REGULAR MEETING
JANUARY 14, 2020**

Mayor Dan Richardson called the Board of Trustees Regular Meeting to order on January 14, 2020, at 6:00 p.m. in the Town Hall meeting room.

STUDENT OF THE MONTH

Students from Ross Montessori School and Carbondale Community School were in attendance to receive the "Student of the Month" award. The following students were awarded a Certificate of Achievement from Mayor Richardson:

Judah Simmons
Petunia Davis

Grace Pinkham
Taylor Calkins

ROLL CALL:

The following members were present for roll call:

Mayor
Trustees

Dan Richardson
Marty Silverstein
Erica Sparhawk
Lani Kitching
Ben Bohmfalk
Marty Silverstein

Arrived After Roll Call

Heather Henry

Student Trustees

Diego Valdez
Grace Jardine

Staff Present:

Town Manager
Town Clerk
Finance Director
Planning Director
Recreation Director

Jay Harrington
Cathy Derby
Renaë Gustine
Janet Buck
Eric Brendlinger

CONSENT AGENDA

- Accounts Payable totaling \$494,769.28
- BOT 12/17/19 Work Session Minutes
- BOT 12/24/2019 Regular Meeting Minutes
- Donation Agreement – Thompson House Painting
- Resolution No. 1, Series of 2020 – Establishing a Place for Posting Notices
- Resolution No. 2, Series of 2020 – Authorizing the Town Clerk to serve as the Designated Election Official and Authorizing the Town Clerk to Appoint Judges of Election
- LBA Associates Agreement for Professional Services – Plastic Reduction
- PR Studio Agreement for Professional Services – Plastic Reduction
- Town of Carbondale Solar Arrays 2020 Preventative Maintenance Proposal

Trustee Bohmfalk made a motion to approve the Consent Agenda. Trustee Kitching seconded the motion and it passed with:

6 yes votes: Richardson, Yllanes, Bohmfalk, Silverstein, Sparhawk, Kitching

PERSONS PRESENT NOT ON THE AGENDA

Michael Adams, Euclid Ave., stated that before the single trash hauler ordinance went in to effect he paid \$35 per year to get rid of his trash. He now pay \$13.84 per month and he feels like it's a fine, not a fee, because he does not need the service. Silt had the same problem but they amended their trash regulations. He handed out a proposal to change the ordinance. Mayor Richardson stated that he would be happy to have a one-on-one conversation with Michael.

TRUSTEE COMMENTS

Trustee Yllanes stated that he attended the Parks and Recreation Commission meeting. They had a discussion on a master's program research project which focuses on the Nature Park. There was a lot of misinformation circulating and the Commission realized that it is important to reach out to the public early on in the process and not to rush things. The project is in the data collection stage.

Trustee Silverstein told the Board that he attended the Carbondale Public Arts Commission meeting. They have received 24 sculpture entries for Art Around Town. Judging will take place in February and there will be coordinated joint reception with the Carbondale Clay Center.

Trustee Henry arrived at the meeting.

Trustee Silverstein stated that he attended the Senior Matters Board meeting. They are looking at options to be more active in the community. They are focusing on isolated seniors and trying to make them feel more included. They would like to expand to be more inclusive.

Trustee Sparhawk stated that she attended (via phone) the Colorado Communities for Climate Change (CC4CA) policy and executive committee meetings. They are discussing six legislative bills. The calls are every other week and she may not be able to participate in all of them. She welcomed the Board to participate on the calls. CC4CA now has 32 members. Trustee Sparhawk informed the Board that the Colorado Department of Public Health and Environment is having a statewide greenhouse gas inventory listening session on Friday in Glenwood Springs.

Trustee Kitching stated that the Garfield County Federal Land Natural Resources Procedures is scheduled for review in February. She is happy with the way the document turned out. Trustee Kitching also attended the Ruedi Water and Power Authority meeting. The Ruedi Water Operation Crew gave a presentation on upgrading the turbine which will stabilize the release of water. There will be no interruption during the upgrade.

Trustee Bohmfalk attended the CoVenture Board meeting. They discussed the budget, acquiring corporate sponsorships, and the number of scholarships they gave out. Their membership is on track. They have pivoted away from drop-in business to employers who need space for their employees. Trustee Bohmfalk attended the Bike/Pedestrian/Trails Commission meeting where they talked about the Red Hill trail signage. Trustee Bohmfalk also attended the Garfield Clean Energy Board meeting. They discussed the Town's solar array system which isn't saving as much money as had been anticipated.

Trustee Henry stated that she attended (by phone) the multi-jurisdictional housing coalition meeting. They are close to completing the Memorandum of Understanding. They are reaching the threshold where they will need to obtain administrative support to move the effort forward. Trustee Bohmfalk replied that he is very interested in the coalition's success and he would like the Board to have a discussion on it at the beginning of every year.

Mayor Richardson thanked staff, the Chamber and Carbondale Arts for a great First Friday. He also thanked staff for their snow removal efforts. He reminded everyone that it's their responsibility to shovel their sidewalk.

Mayor Richardson attended the RFTA Board meeting. They will be giving the CEO his review. They also reviewed their strategic plan, they are re-evaluating their fare structure, and they are reviewing Destination 2020 projects. Mayor Richardson noted that Aspen has taken possession of eight electric buses. BRT usage continues to increase.

Mayor Richardson noted that Colorado is one of the leading states in thoughtful, proactive policies on climate change and he thanked Trustee Sparhawk for her efforts with CC4CA.

Mayor Richardson told the Board that the CML Legislative Session is February 13th in Denver.

ATTORNEY'S COMMENTS

The attorney did not have any comments.

SWEARING IN OF STUDENT TRUSTEES

Diego Valdez and Grace Justine were sworn in as Student Trustees.

SPECIAL EVENT LIQUOR LICENSE – COLORADO MOUNTAIN CLUB

Colorado Mountain Club has applied for a Special Event Liquor License for an event to be held at the Third Street Center. All fees have been paid and the Police Department has reported no problems with the applicant or the premises.

Trustee Sparhawk made a motion to approve Colorado Mountain Club's Special Event Liquor License. Trustee Silverstein seconded the motion and it passed with:

7 yes votes: Kitching, Bohmfalk, Silverstein, Sparhawk, Richardson, Yllanes, Henry

PUBLIC HEARING – TRANSFER OF LIQUOR LICENSE – MAIN STREET WINES & SPIRITS

Applicant: Double T Investments, LLC
Address: 389 Main Street

Double T Investments, LLC, doing business as Main Street Wines & Spirits, has applied for a transfer of a liquor license. All fees have been paid and the Police Department has reported no problems with the applicant or the premises.

Julie Tran introduced herself and told the Board that she is employing the three employees from the previous business. She has performed some renovations. The store will mainly focus on Colorado brands.

Mayor Richardson opened the public hearing. There was no one present who wished to address the Board so Mayor Richardson closed the public hearing.

Trustee Silverstein made a motion to approve the Transfer of Liquor License application for Main Street Wines & Spirits. Trustee Sparhawk seconded the motion and it passed with:

7 yes votes: Bohmfalk, Silverstein, Sparhawk, Richardson, Yllanes, Henry, Kitching

PUBLIC HEARING – TRANSFER OF LIQUOR LICENSE – 7-ELEVEN

Applicant: Wills Investments VIII, LLC

Address: 1329 Main Street

Wills Investments VIII, LLC, doing business as 7-Eleven, has applied for a transfer of liquor license. All fees have been paid and the Police Department has reported no problems with the applicant or the premises.

Mayor Richardson stated that 7-Eleven has had several violations for selling alcohol to underage customers. He asked the 7-Eleven representatives how they are going to eliminate violations. The representatives responded that they take violations seriously; they have an internal education program, secret shoppers, and new ID scanners. Clerks who sell alcohol to minors are immediately terminated.

Mayor Richardson opened the public hearing. Julie Tran asked if they will be selling alcohol. The 7-Eleven representative responded that they will only sell beer. There was no one else present who wished to address the Board so Mayor Richardson closed the public hearing.

Trustee Bohmfalk made a motion to approve 7-Eleven's Transfer of Liquor License Application. Trustee Sparhawk seconded the motion and it passed with:

7 yes votes: Silverstein, Sparhawk, Richardson, Yllanes, Henry, Kitching, Bohmfalk

PUBLIC HEARING – NEW LIQUOR LICENSE APPLICATION – LA FOGATA PANADERIA Y PUPUSERIA

Applicant: La Fogata Panaderia y Pupuseria, LLC

Address: 1329 Main Street

La Fogata Panaderia y Pupuseria, LLC, has applied for a transfer of a liquor license. All fees have been paid and the Police Department has reported no problems with the applicant or the premises.

Owner Estela Serrano introduced herself to the Board and explained that many of her customers have encouraged her to obtain a liquor license.

Mayor Richardson opened the public hearing. There was no one present who wished to address the Board so Mayor Richardson closed the public hearing.

Trustee Silverstein made a motion to approve La Fogata's new Liquor License Application. Trustee Yllanes seconded the motion and it passed with:

7 yes votes: Sparhawk, Richardson, Yllanes, Henry, Kitching, Bohmfalk, Silverstein

**PUBLIC HEARING – TRANSFER OF RETAIL MARIJUANA STORE LICENSE –
COLORADO PRODUCTS SERVICES**

Applicant: Colorado Product Service, LLC
Location: 580 Main Street, Suite 300

Staff explained that the LLC will remain as Colorado Products Services but the owner will change from Sara Johnston to Gerald Greenspoon (50%) and Michael Paulin (50%). Michael Paulin resides in Carbondale and will be the local agent. There will be no changes to the operation of the business. The Town has not received any complaints regarding the facility.

Mayor Richardson opened the public hearing. There was no one present who wished to address the Board so Mayor Richardson closed the public hearing.

Trustee Silverstein made a motion to approve Colorado Product Services' Transfer of Retail Marijuana Store License Application. Trustee Bohmfalk seconded the motion and it passed with:

7 yes votes: Richardson, Yllanes, Henry, Kitching, Bohmfalk, Silverstein, Sparhawk

**PUBLIC HEARING – TRANSFER OF RETAIL MARIJUANA MANUFACTURED
INFUSED PRODUCTS LICENSE – COLORADO PRODUCTS SERVICES**

Applicant: Colorado Product Service, LLC
Location: 655 Buggy Circle

Staff explained that the LLC will remain as Colorado Products Services but the owner will change from Sara Johnston to Gerald Greenspoon (50%) and Michael Paulin (50%). Michael Paulin resides in Carbondale and will be the local agent. There will be no changes to the operation of the business. The Town has not received any complaints regarding the facility.

Mayor Richardson opened the public hearing. There was no one present who wished to address the Board so Mayor Richardson closed the public hearing.

Trustee Silverstein made a motion to approve Colorado Product Services' Transfer of Retail Marijuana Manufactured Infused Products License. Trustee Bohmfalk seconded the motion and it passed with:

7 yes votes: Yllanes, Henry, Kitching, Bohmfalk, Silverstein, Sparhawk, Richardson

**PUBLIC HEARING – TRANSFER OF MEDICAL MARIJUANA MANUFACTURED
INFUSED PRODUCTS LICENSE – COLORADO PRODUCTS SERVICES**

Applicant: Colorado Product Service, LLC

Location: 655 Buggy Circle

Staff explained that the LLC will remain as Colorado Products Services but the owner will change from Sara Johnston to Gerald Greenspoon (50%) and Michael Paulin (50%). Michael Paulin resides in Carbondale and will be the local agent. There will be no changes to the operation of the business. The Town has not received any complaints regarding the facility.

Mayor Richardson opened the public hearing. There was no one present who wished to address the Board so Mayor Richardson closed the public hearing.

Trustee Silverstein made a motion to Colorado Product Services' Transfer of Medical Marijuana Manufactured Infused Products License. Trustee Bohmfalk seconded the motion and it passed with:

7 yes votes: Henry, Kitching, Bohmfalk, Silverstein, Sparhawk, Richardson, Yllanes

**PUBLIC HEARING – TRANSFER OF RETAIL MARIJUANA CULTIVATION LICENSE
– COLORADO PRODUCTS SERVICES**

Applicant: Colorado Product Service, LLC

Location: 655 Buggy Circle

Staff explained that the LLC will remain as Colorado Products Services but the owner will change from Sara Johnston to Gerald Greenspoon (50%) and Michael Paulin (50%). Michael Paulin resides in Carbondale and will be the local agent. There will be no changes to the operation of the business. The Town has not received any complaints regarding the facility.

Staff noted that Colorado Product Services does not have many marijuana plants in the facility. The Colorado Products Services representative explained that they grow experimental plants in the facility. They keep the plants in a contained environment which can be changed quickly if needed. Trustee Bohmfalk asked staff if there is any demand for a cultivation license – there isn't.

Mayor Richardson opened the public hearing. There was no one present who wished to address the Board so Mayor Richardson closed the public hearing.

Trustee Bohmfalk made a motion to Colorado Product Services' Transfer of Retail Cultivation License. Trustee Kitching seconded the motion and it passed with:

7 yes votes: Kitching, Bohmfalk, Silverstein, Sparhawk, Richardson, Yllanes, Henry

CLEER 2020 WORK PLAN

Trustee Sparhawk, a CLEER employee, recused herself and left the meeting.

CLEER employees Katharine Rushton and Stefan Johnson were present at the meeting.

Katharine explained that CLEER created the 2020 work plan based on comments they received from the Board along with strategies and tactics listed in the Carbondale Climate & Energy Action Plan. They plan to build on work implemented in 2019. One goal is to have better engagement with other groups (Eboard, etc.).

The scope of work includes:

- Advance Net Zero Buildings and Districts within the Zero Energy District Boundary.
- Carbondale Climate-Friendly Transportation – CLEER has budgeted \$5,000 for climate-friendly transportation this year. RFTA has proposed transferring a \$30,000 grant to the town for a Level III DC fast charger. Stefan noted that a Battery-Electric School Bus Workshop resulted in Aspen High School and Roaring Fork High School each obtaining an electric bus via a grant.
- Low-Income Energy Efficiency Program – the budget has been reduced because CLEER will have a reduced scope in 2020. Energy Outreach Colorado has partnered with Northwest COG to follow up with outreach and audits for the Low-Income program.
- Sustainability Educational Series – CLEER will identify opportunities for the Town to co-sponsor events focused on clean transportation, efficient buildings, renewable energy, decarbonization and climate protection.

Discussion ensued.

The Board was extremely interested in obtaining a Level III DC fast charger. Jay stated that staff has identified Cowen Drive as a suitable location for the charger.

Mayor Richardson stated that he sees the benefits of the educational series but he would like to see fewer consolidated events. He suggested CLEER prioritize events that accomplish Carbondale's goals. He would like the education money to be shifted to another category. Katharine explained that the other three categories require some form of education.

Trustee Kitching stated she would like CLEER to provide the Board with information on industry technology. Jay noted that the Town relies heavily on CLEER to investigate technology before the Town makes a purchase. Also, they will conducting an audit of the Town's solar arrays.

SPECIAL EVENT CALENDAR

Eric Brendlinger explained that the Special Event Task Force held two meeting to discuss the Special Event Calendar. Eric stated that the Town has a very robust special event calendar – there are 101 days of events, with 61 different events, but there are only 12 liquor license permits. There are two new events: O2 Outdoor Women's Festival and Pickleball Tournaments. There is a possibility that a Gravel Grinder Bike Race may be held in Carbondale in September. It is an extremely popular event which would bring many people to town. The Special Event Task Force was asked to make the May First Friday street closure bigger due to the Pride Parade. The Healing Hoof parade wants to move from August to April.

Trustee Silverstein asked if there is an effort to move events away from Sopris Park – especially since we will be purchasing a new transportable stage. Eric responded that location changes will probably occur in the future if we see new events.

Trustee Kitching made a motion to approve the 2020 special events and street closures as recommended by the Special Events Task Force & Street Closures Committee. Trustee Silverstein seconded the motion and it passed with:

7 yes votes: Yllanes, Sparhawk, Henry, Richardson, Bohmfalk, Kitching, Silverstein,

CENSUS UPDATE – ASPEN TO PARACHUTE COMPLETE CENSUS COUNT

Janet Buck informed the Board that Carbondale has joined a regional effort underway to ensure that there is a complete count during the 2020 census. The census is important as it is used to determine the amount of funding (\$2,300 per person in federal funds) schools, emergency services, transportation, health and human services including hospitals, insurance, etc. receive. It is also used to create boundaries for voting districts and determining the number of representatives in Congress. The outreach will be done via an advertising campaign which will kick off at the end of January.

RESOLUTION NO. 3, SERIES OF 2020 – TABOR QUESTION IMPLEMENTING NICOTINE TAX

At a previous meeting the Board agreed that they wanted to put a question on the April ballot asking the voters to increase the sales tax for tobacco/nicotine products.

Trustee Sparhawk made a motion approving Resolution No. 3, Series of 2020 setting the title and content of a ballot issue for a tax increase on the sales of cigarettes and tobacco products.

ADJOURNMENT

The January 14, 2020, regular meeting adjourned at 9:05 p.m. The next regularly scheduled meeting will be held on January 28, 2020, at 6:00 p.m.

APPROVED AND ACCEPTED

Dan Richardson, Mayor

ATTEST:

Cathy Derby, Town Clerk

**MINUTES
CARBONDALE BOARD OF TRUSTEES
WORK SESSION
JANUARY 21, 2020**

Mayor Dan Richardson called the January 21, 2020, Work Session to order at 6:00 p.m. in the Town Hall meeting room.

ROLL CALL:

The following members were present for roll call:

Mayor	Dan Richardson
Trustees	Lani Kitching
	Ben Bohmfalk
	Marty Silverstein
	Heather Henry
Student Trustee	Diego Valdez
Absent	Erica Sparhawk
	Luis Yllanes
Staff Present:	
Town Manager	Jay Harrington
Town Clerk	Cathy Derby
Town Attorney	Tarn Udall
Planner	John Leybourne

XCEL ENERGY FRANCHISE AGREEMENT

Xcel representative Kelly Flenniken was present at the meeting.

Jay explained that the current Public Service Company of Colorado (Xcel) franchise agreement which was approved in 2005, has a duration of 15 years and is set to expire in April. Jay stated that he and Tarn looked at Ft. Collins and Golden's current agreements for comparison. Attention was particularly made to environmental concerns and how we manage the Town's Right-of-Ways (shadow conduit).

Mayor Richardson asked if there is a difference between the Holy Cross and Xcel franchise agreements. Jay replied yes, Holy Cross is a cooperative, and they have different approaches to environmental stewardship issues. Undergrounding of transmission lines was the focus of our franchise agreement with Holy Cross.

Xcel has more overhead lines and they are pole sharing specific. They have a 1% fund for undergrounding. The underground fund balance is \$97,000. Towns can borrow a three year allocation. In 2018 they contributed \$96,000 to the Town's General Fund.

Mayor Richardson asked Kelly what Xcel will look like in 15 years. Kelly responded that Xcel is leading the clean energy transition. Their vision is to be 80% carbon free by 2030 and 100% carbon free by 2050; it's what the customers want, and the environment needs. Two of their coal plants are being retired ten years early. They are focused on EV infrastructure this year.

Mayor Richardson said that off-site options for solar would be appreciated. Kelly responded that she is working on a large solar farm in Fairplay. Securing land rights is a challenge.

Jay asked if Xcel is considering a territory swap with Holy Cross. Kelly responded no.

Trustee Bohmfalk asked why undergrounding is so important. Jay answered maintenance, aesthetics, and in specific areas it makes sense (e.g. the roundabout). Trustee Bohmfalk asked if we can re-allocate the 1% underground fund to renewable energy. Kelly said no, Xcel has not made a firm decision on reallocation as of yet.

Jay asked if Xcel anticipates any transmission line changes. Kelly responded no.

Jay said the ordinance approving the franchise agreement will come before the Board on February 25th.

OUTDOOR DINING IN THE RIGHT-OF-WAY

Jay stated that last year the Board requested a "check in" on dining in the right-of-way prior to the summer season.

Jay stated that we started with two decks (Phat Thai and Allegria) and then it grew to five and went down to three. Staff doesn't anticipate an increase in decks this summer. In the past staff received inquiries from businesses that wanted to use the parking space in front of their establishments as little parks. We have received a few complaints on the loss of parking spaces and bike racks.

Discussion ensued.

Trustee Silverstein stated that he thinks the decks add a nice vitality to downtown. It appears that the decks work well for dining but not solely for drinking due to the State's liquor laws.

Student Trustee Valdez stated that he doesn't think that it's that big of an issue and the good outweighs the bad.

Trustee Henry said that the decks going up is a sign of summer approaching. She appreciates the decks being focused on dining.

Phat Thai owner Mark Fisher said the decks add a lot of positive energy to the downtown. Fiscally it's a wash but he like the way Main Street feels with the decks. Senior Taco Owner Francisco stated that their customers love dining outside.

The Board agreed that dining in the right-of-way is good for downtown's vitality. The Board directed staff to adhere to the stipulation that decking in the right-of-way is strictly for restaurants.

MARIJUANA ORDINANCE CHANGES AND STATE STATUTE UPDATE

Renee Grossman and Erin Diaz of High Q were present at the meeting.

The Board annually revisits the Town's marijuana regulations to see if additions, deletions, or amendments should be made based on staff's licensing experience in the previous year. In 2020 staff is requesting the following amendment to Ordinance No. 15, Series of 2016, Subsection (e): striking "This subsection (e) shall only apply to applications for license renewal for which the underlying license, duly issued by the Town of Carbondale, stated the requirements of this sub-section (e); the Board agreed.

John outlined the State's recent changes to their marijuana regulations. The State is now allowing delivery of medical marijuana (and will allow retail delivery in 2021) however, local licensing is required. The State is also licensing hospitality establishments for onsite consumption of marijuana, again, local licensing is required.

Staff noted that they are merely informing the Board of the changes; they are not recommending changes to the Town's laws at this time.

Discussion ensued.

Renee stated that the bill was rushed through and was not thought out. She said that she has serious concerns about public safety if delivery is allowed. Delivery drivers can carry upwards of \$10,000 in cash/product. There is no surveillance and it is an invitation for crime. Surveillance makes her business work, it keeps it safe. Renee thinks that limited basis delivery could make sense. Trustee Henry stated that delivery is a terrible idea. The Board agreed and requested that prohibition of delivery be added to the Town's marijuana regulations.

The Board discussed hospitality establishments and agreed to wait and see what happens in the resort towns.

Renee asked the Board if they would consider allowing tastings (under a hospitality license). The Board agreed that they don't want to allow tastings at this time.

Renee asked the Board why there isn't a cap on retail marijuana stores but there is a cap on Marijuana Infused Product (MIPS) businesses and marijuana cultivations. Jay responded that MIPS and cultivations have had a lot of (odor) impacts on the surrounding neighborhoods.

ADJOURNMENT

The January 21, 2020, work session adjourned at 8:00 p.m. The next regularly scheduled meeting will be held on January 28, 2020, at 6:00 p.m.

APPROVED AND ACCEPTED

Dan Richardson, Mayor

ATTEST:

Cathy Derby, Town Clerk



Town of Carbondale Police Department

511 Colorado Avenue, Suite 911 Carbondale, Colorado 81623 (970) 963-2662

To: Mayor Dan Richardson and
Carbondale Board of Trustees

From: Gene Schilling
Chief of Police, Carbondale Police Department

Ref.: Liquor License Renewal for Homestead Bar & Grill

Date: January 13, 2020

Cunningham Golf, LLC submitted a liquor license renewal for Homestead Bar & Grill. I have completed the requested record checks for the establishment and following individual:

Red Cunningham—Manager/Owner

I have found no in-house liquor violation records. I recommend approval for the liquor license renewal.

Submit to Local Licensing Authority

HOMESTEAD BAR & GRILL
303 RIVER VALLEY RANCH ROAD
Carbondale CO 81623

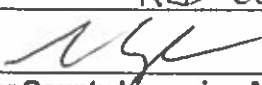
Fees Due		
Renewal Fee	500.00	
Storage Permit	\$100 X	\$
Sidewalk Service Area	\$75.00	\$
Additional Optional Premise Hotel & Restaurant	\$100 X	\$
Related Facility - Campus Liquor Complex	\$160.00 per facility	\$
Amount Due/Paid		\$

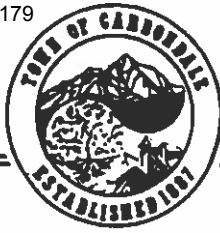
Make check payable to: Colorado Department of Revenue. The State may convert your check to a one-time electronic banking transaction. Your bank account may be debited as early as the same day received by the State. If converted, your check will not be returned. If your check is rejected due to insufficient or uncollected funds, the Department may collect the payment amount directly from your banking account electronically.

Retail Liquor or Fermented Malt Beverage License Renewal Application

Please verify & update all information below

Return to city or county licensing authority by due date

Licensee Name CUNNINGHAM GOLF LLC			Doing Business As Name (DBA) HOMESTEAD BAR & GRILL		
Liquor License # 03-11407	License Type Hotel & Restaurant (city)	Sales Tax License # 37335782	Expiration Date 03/19/2020	Due Date 02/03/2020	
Business Address 303 RIVER VALLEY RANCH ROAD Carbondale CO 81623				Phone Number 9709633625	
Mailing Address 303 RIVER VALLEY RANCH ROAD Carbondale CO 81623			Email red@rvrgolf.com		
Operating Manager RED CUNNINGHAM	Date of Birth	Home Address CARBONDALE CO 81623	Phone Number 970-618-7314		
1. Do you have legal possession of the premises at the street address above? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Are the premises owned or rented? <input type="checkbox"/> Owned <input checked="" type="checkbox"/> Rented* *If rented, expiration date of lease					
2. Are you renewing a storage permit, additional optional premises, sidewalk service area, or related facility? If yes, please see the table in upper right hand corner and include all fees due. <input type="checkbox"/> Yes <input type="checkbox"/> No					
3. Since the date of filing of the last application, has there been any change in financial interest (new notes, loans, owners, etc.) or organizational structure (addition or deletion of officers, directors, managing members or general partners)? If yes, explain in detail and attach a listing of all liquor businesses in which these new lenders, owners (other than licensed financial institutions), officers, directors, managing members, or general partners are materially interested. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
4. Since the date of filing of the last application, has the applicant or any of its agents, owners, managers, partners or lenders (other than licensed financial institutions) been convicted of a crime? If yes, attach a detailed explanation. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Since the date of filing of the last application, has the applicant or any of its agents, owners, managers, partners or lenders (other than licensed financial institutions) been denied an alcohol beverage license, had an alcohol beverage license suspended or revoked, or had interest in any entity that had an alcohol beverage license denied, suspended or revoked? If yes, attach a detailed explanation. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
6. Does the applicant or any of its agents, owners, managers, partners or lenders (other than licensed financial institutions) have a direct or indirect interest in any other Colorado liquor license, including loans to or from any licensee or interest in a loan to any licensee? If yes, attach a detailed explanation. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
Affirmation & Consent I declare under penalty of perjury in the second degree that this application and all attachments are true, correct and complete to the best of my knowledge.					
Type or Print Name of Applicant/Authorized Agent of Business RED CUNNINGHAM				Title owner/MGR	
Signature 				Date 27 Dec 2019	
Report & Approval of City or County Licensing Authority The foregoing application has been examined and the premises, business conducted and character of the applicant are satisfactory, and we do hereby report that such license, if granted, will comply with the provisions of Title 44, Articles 4 and 3, C.R.S., and Liquor Rules. Therefore this application is approved.					
Local Licensing Authority For				Date	
Signature		Title		Attest	



Town of Carbondale Police Department

511 Colorado Avenue, Suite 911 Carbondale, Colorado 81623 (970) 963-2662

To: Mayor Dan Richardson and
Carbondale Board of Trustees

From: Gene Schilling
Chief of Police, Carbondale Police Department

Ref.: Liquor License Renewal for Winetime, LLC

Date: January 13, 2020

I have completed the requested record checks for the establishment and following individual:

Sigrid Pieper /Manager

I have found no in-house liquor violation records. I recommend approval for the liquor license renewal.

Submit to Local Licensing Authority

WINETIME
PO BOX 2049
Carbondale CO 81623

Fees Due		ATTACHMENT E
Renewal Fee	227.50	
Storage Permit	\$100 X	\$
Sidewalk Service Area	\$75.00	\$
Additional Optional Premise Hotel & Restaurant	\$100 X	\$
Related Facility - Campus Liquor Complex	\$160.00 per facility	\$
Amount Due/Paid		\$

Make check payable to: Colorado Department of Revenue. The State may convert your check to a one-time electronic banking transaction. Your bank account may be debited as early as the same day received by the State. If converted, your check will not be returned. If your check is rejected due to insufficient or uncollected funds, the Department may collect the payment amount directly from your banking account electronically.

Retail Liquor or Fermented Malt Beverage License Renewal Application

Please verify & update all information below

Return to city or county licensing authority by due date

Licensee Name WINETIME LLC		Doing Business As Name (DBA) WINETIME		
Liquor License # 42-68763-0000	License Type Liquor Store (city)	Sales Tax License # 42687630000	Expiration Date 03/24/2020	Due Date 02/08/2020
Business Address 786, 792 & 798 HWY 133 Carbondale CO 81623				Phone Number 9702744494
Mailing Address PO BOX 2049 Carbondale CO 81623			Email service@winetime LLC.com	
Operating Manager Sigrid Pieper	Date of Birth 1/1/1979	Home Address Carbondale CO 81623		Phone Number 970-963-0474
1. Do you have legal possession of the premises at the street address above? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Are the premises owned or rented? <input type="checkbox"/> Owned <input checked="" type="checkbox"/> Rented* *If rented, expiration date of lease 08/31/2021				
2. Are you renewing a storage permit, additional optional premises, sidewalk service area, or related facility? If yes, please see the table in upper right hand corner and include all fees due. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
3. Since the date of filing of the last application, has there been any change in financial interest (new notes, loans, owners, etc.) or organizational structure (addition or deletion of officers, directors, managing members or general partners)? If yes, explain in detail and attach a listing of all liquor businesses in which these new lenders, owners (other than licensed financial institutions), officers, directors, managing members, or general partners are materially interested. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
4. Since the date of filing of the last application, has the applicant or any of its agents, owners, managers, partners or lenders (other than licensed financial institutions) been convicted of a crime? If yes, attach a detailed explanation. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
5. Since the date of filing of the last application, has the applicant or any of its agents, owners, managers, partners or lenders (other than licensed financial institutions) been denied an alcohol beverage license, had an alcohol beverage license suspended or revoked, or had interest in any entity that had an alcohol beverage license denied, suspended or revoked? If yes, attach a detailed explanation. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
6. Does the applicant or any of its agents, owners, managers, partners or lenders (other than licensed financial institutions) have a direct or indirect interest in any other Colorado liquor license, including loans to or from any licensee or interest in a loan to any licensee? If yes, attach a detailed explanation. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Affirmation & Consent				
I declare under penalty of perjury in the second degree that this application and all attachments are true, correct and complete to the best of my knowledge.				
Type or Print Name of Applicant/Authorized Agent of Business Sigrid Pieper				Title Owner
Signature S. Pieper				Date 01/06/2020
Report & Approval of City or County Licensing Authority				
The foregoing application has been examined and the premises, business conducted and character of the applicant are satisfactory, and we do hereby report that such license, if granted, will comply with the provisions of Title 44, Articles 4 and 3, C.R.S., and Liquor Rules. Therefore this application is approved.				
Local Licensing Authority For				Date
Signature		Title		Attest

TASTINGS PERMIT APPLICATION

FEE: \$100 (covers one year) Payable to the Town of Carbondale

DATE: 01/10/2020Licensee Name: WineTime

DBA: _____

Physical Address: 786-798 Hwy 133Mailing Address (if different): PO Box 2049State License Number: 42-68763 License Expiration: 03/27/2020Business Phone Number: 970-963-0474 Business Fax Number: _____

☒ **ATTACH** list of employees who have attended the "Tastings Responsible Serving Class", and the date which they attended.

☒ **ATTACH** a written Control Plan to establish how the Licensee will conduct tastings without violating the provisions of the State Statutes and applicable provisions of the Town of Carbondale Municipal Code.

☒ **ATTACH** list of event dates. If unsure of future dates, submit list to Town Clerk's Office at least one week prior to the event.

CERTIFICATION:

- * I hereby certify that the information in this application is true, correct and complete to the best of my knowledge.
- * I further certify that it is my responsibility to ensure that all current and future employees complete a server training program.
- * I acknowledge and agree that it is my responsibility and the responsibility of my agents and employees to comply with all applicable laws, including all applicable provisions of the State of Colorado Liquor and Beer Codes and Regulations, Town of Carbondale Municipal Code, and policies and regulations which affect my license.
- * As required by Ordinance No. 5, Series of 2005, I further agree, if a permit is approved, to notify the Town Clerk's office of all Tasting Events, in writing, at least seven days in advance.

Signature of Licensee: Print name: Sigrid Pieper**OFFICE USE ONLY - Approval of Local Authority**

Application received on: _____ To LLA: _____

Approved or Denied on: _____ Conditions of Approval: _____

Town of Carbondale

Liquor Board

Carbondale, January 10, 2020

Tasting license renewal WineTime LLC

1. List of employees with TIPS certification

Sigrid Pieper: renewed 01/26/2019

Aaron Acker: certified on 02/01/2018

Kim Anderson: certified on 04/29/2019

2. Control plan

- We check the ID of every tasting attendant who looks 50 yrs or younger prior to pouring.
- We use a special measure glass/pourer to make sure only 1OZ of wine or beer resp ½ OZ of liquor is poured. Only 4 different tastes of wine/beer or liquor are granted to each attendee. We keep a record of who has tasted which wine already to avoid double servings to one person.
- Visibly intoxicated persons are being refused to attend the tasting and escorted out of the store.
- A cell phone reminder is set at each tasting to make sure we finish at the indicated hour.

3. Tasting schedule

Our tastings are scheduled for every Friday from 4pm to 7pm, except Thanksgiving Friday. There might be additional tastings scheduled throughout the year which are being announced to Cathy Derby with at least 1 week notice each time.

Sincerely,


Sigrid Pieper
WineTime LLC
P.O. Box 2049
Carbondale, CO 81623



Town of Carbondale Police Department

511 Colorado Avenue, Carbondale, CO 81623
(970) 963-2662

To: Mayor Dan Richardson and
Carbondale Board of Trustees

From: Gene Schilling
Chief of Police, Carbondale Police Department

Ref: Liquor License Renewal for Peppino's Pizza

Date: January 23rd, 2020

I have completed the requested record check for the establishment and following individual:

Kurt Trede

I Have found no in-house liquor violation records. I recommend approval for the liquor license renewal.

LIQUOR OR 3.2 BEER LICENSE RENEWAL APPLICATION

Fees Due		ATTACHMENT F
Renewal Fee		500.00
Storage Permit \$100 x		
Optional Premise \$100 x		
Amount Due/Paid		

Make check payable to: Colorado Department of Revenue. The State may convert your check to a one-time electronic banking transaction. Your bank account may be debited as early as the same day received by the State. If converted, your check will not be returned. If your check is rejected due to insufficient or uncollected funds, the Department may collect the payment amount directly from your banking account electronically.

PLEASE VERIFY & UPDATE ALL INFORMATION BELOW

RETURN TO CITY OR COUNTY LICENSING AUTHORITY BY DUE DATE

Licensee Name PEPPINOS PIZZA OF BASALT INC		DBA PEPPINOS PIZZA OF CARBONDALE		
Liquor License # 04-75114-0000	License Type HOTEL & RESTAURANT (city)	Sales Tax License # 04751140000	Expiration Date 03/23/2020	Due Date 02/06/2020
Street Address 524 MAIN ST CARBONDALE CO 81623-2035				Phone Number
Mailing Address PO BOX 1144 CARBONDALE CO 81623-1144				
Operating Manager KURT TREDE	Date of Birth	Home Address CARBONDALE CO 81623	Phone Number 5	

- Do you have legal possession of the premises at the street address above? ☒ YES ☐ NO
 Is the premises owned or rented? ☒ Owned ☐ Rented* *If rented, expiration date of lease _____
- Since the date of filing of the last annual application, has there been any change in financial interest (new notes, loans, owners, etc.) or organizational structure (addition or deletion of officers, directors, managing members or general partners)? If yes, explain in detail and attach a listing of all liquor businesses in which these new lenders, owners (other than licensed financial institutions), officers, directors, managing members, or general partners are materially interested. ☐ YES ☒ NO
NOTE TO CORPORATION, LIMITED LIABILITY COMPANY AND PARTNERSHIP APPLICANTS: If you have added or deleted any officers, directors, managing members, general partners or persons with 10% or more interest in your business, you must complete and return immediately to your Local Licensing Authority, Form DR 8177: Corporation, Limited Liability Company or Partnership Report of Changes, along with all supporting documentation and fees.
- Since the date of filing of the last annual application, has the applicant or any of its agents, owners, managers, partners or lenders (other than licensed financial institutions) been convicted of a crime? If yes, attach a detailed explanation. ☐ YES ☒ NO
- Since the date of filing of the last annual application, has the applicant or any of its agents, owners, managers, partners or lenders (other than licensed financial institutions) been denied an alcohol beverage license, had an alcohol beverage license suspended or revoked, or had interest in any entity that had an alcohol beverage license denied, suspended or revoked? If yes, attach a detailed explanation. ☐ YES ☒ NO
- Does the applicant or any of its agents, owners, managers, partners or lenders (other than licensed financial institutions) have a direct or indirect interest in any other Colorado liquor license, including loans to or from any licensee or interest in a loan to any licensee? If yes, attach a detailed explanation. ☐ YES ☒ NO
- SOLE PROPRIETORSHIPS, HUSBAND-WIFE PARTNERSHIPS AND PARTNERS IN GENERAL PARTNERSHIPS:** Each person must complete and sign the DR 4679: Affidavit – Restriction on Public Benefits (available online or by calling 303-205-2300) and attach a copy of their driver's license, state-issued ID or valid passport.

AFFIRMATION & CONSENT

I declare under penalty of perjury in the second degree that this application and all attachments are true, correct and complete to the best of my knowledge.

Type or Print Name of Applicant/Authorized Agent of Business KURT TREDE	Title PRESIDENT
Signature 	Date 1/14/20

REPORT & APPROVAL OF CITY OR COUNTY LICENSING AUTHORITY

The foregoing application has been examined and the premises, business conducted and character of the applicant are satisfactory, and we do hereby report that such license, if granted, will comply with the provisions of Title 12, Articles 46 and 47, C.R.S. THEREFORE THIS APPLICATION IS APPROVED.

Local Licensing Authority For	Date
Signature	Title
	Attest



Town of Carbondale Police Department

511 Colorado Avenue, Carbondale, CO 81623
(970) 963-2662

To: Mayor Dan Richardson and
Carbondale Board of Trustees

From: Gene Schilling
Chief of Police, Carbondale Police Department

Ref: Liquor License Renewal for 450 Teppanyaki

Date: January 23rd, 2020

I have completed the requested record check for the establishment and following individual:

Xiaogi Lin

I Have found no in-house liquor violation records. I recommend approval for the liquor license renewal.

LIQUOR OR 3.2 BEER LICENSE RENEWAL APPLICATION

Fees Due	
Renewal Fee	
Storage Permit \$100 x	
Optional Premise \$100 x	
Amount Due/Paid	

Make check payable to: Colorado Department of Revenue. The State may convert your check to a one-time electronic banking transaction. Your bank account may be debited as early as the same day received by the State. If converted, your check will not be returned. If your check is rejected due to insufficient or uncollected funds, the Department may collect the payment amount directly from your banking account electronically.

PLEASE VERIFY & UPDATE ALL INFORMATION BELOW

RETURN TO CITY OR COUNTY LICENSING AUTHORITY BY DUE DATE

Licensee Name 450 DEGREE		DBA 450 Teppanyaki	
Liquor License # 03-10746	License Type hotel & restaurant (city)	Sales Tax License # 40274626-0000	Expiration Date 1/28/2022
Street Address 568 Highway 133 Unit 4&5, Carbondale, CO 81623			Due Date 1/28/2022
Mailing Address 568 Highway 133, Carbondale, CO 81623			Phone Number 712
Operating Manager Desy Yolanda	Date of Birth	Home Address 1, Glenwood Sp, CO 81601	Phone Number ...

- Do you have legal possession of the premises at the street address above? ☐ YES ☒ NO
 Is the premises owned or rented? ☐ Owned ☒ Rented *If rented, expiration date of lease **9/9/2023**
- Since the date of filing of the last annual application, has there been any change in financial interest (new notes, loans, owners, etc.) or organizational structure (addition or deletion of officers, directors, managing members or general partners)? If yes, explain in detail and attach a listing of all liquor businesses in which these new lenders, owners (other than licensed financial institutions), officers, directors, managing members, or general partners are materially interested. ☐ YES ☒ NO
NOTE TO CORPORATION, LIMITED LIABILITY COMPANY AND PARTNERSHIP APPLICANTS: If you have added or deleted any officers, directors, managing members, general partners or persons with 10% or more interest in your business, you must complete and return immediately to your Local Licensing Authority, Form DR 8177: Corporation, Limited Liability Company or Partnership Report of Changes, along with all supporting documentation and fees.
- Since the date of filing of the last annual application, has the applicant or any of its agents, owners, managers, partners or lenders (other than licensed financial institutions) been convicted of a crime? If yes, attach a detailed explanation. ☐ YES ☒ NO
- Since the date of filing of the last annual application, has the applicant or any of its agents, owners, managers, partners or lenders (other than licensed financial institutions) been denied an alcohol beverage license, had an alcohol beverage license suspended or revoked, or had interest in any entity that had an alcohol beverage license denied, suspended or revoked? If yes, attach a detailed explanation. ☐ YES ☒ NO
- Does the applicant or any of its agents, owners, managers, partners or lenders (other than licensed financial institutions) have a direct or indirect interest in any other Colorado liquor license, including loans to or from any licensee or interest in a loan to any licensee? If yes, attach a detailed explanation. ☐ YES ☒ NO
- SOLE PROPRIETORSHIPS, HUSBAND-WIFE PARTNERSHIPS AND PARTNERS IN GENERAL PARTNERSHIPS:** Each person must complete and sign the DR 4679: Affidavit - Restriction on Public Benefits (available online or by calling 303-205-2300) and attach a copy of their driver's license, state-issued ID or valid passport.

AFFIRMATION & CONSENT

I declare under penalty of perjury in the second degree that this application and all attachments are true, correct and complete to the best of my knowledge.

Type or Print Name of Applicant/Authorized Agent of Business Xiaogi Lin	Title Owner
Signature [Signature]	Date 01/20/2020

REPORT & APPROVAL OF CITY OR COUNTY LICENSING AUTHORITY

The foregoing application has been examined and the premises, business conducted and character of the applicant are satisfactory, and we do hereby report that such license, if granted, will comply with the provisions of Title 12, Articles 46 and 47, C.R.S. **THEREFORE THIS APPLICATION IS APPROVED.**

Local Licensing Authority For	Date
Signature	Attest

INTERGOVERNMENTAL AGREEMENT FOR ELECTION SERVICES

This Intergovernmental Agreement for election services is entered into this ____ day of _____, 2020 by and between the, Town of Carbondale, a Colorado Home Rule Municipality (hereinafter the "Town"), and the Garfield County Clerk & Recorder, (hereinafter the "Clerk"), collectively referred to as the "Parties".

WHEREAS, the Town has requested the assistance of the Clerk for the Municipal Election to be held on April 7, 2020; and

WHEREAS, the Clerk is willing to assist the Town in certain aspects of the 2020 Municipal Election to effectuate a smooth and efficient election process.

NOW THEREFORE, for and in consideration of the mutual covenants and agreements of the parties as set forth herein, the parties agree as follows:

1. Term of Agreement. This Agreement applies to the April 7, 2020 Municipal Election and is effective from the date of execution to the conclusion of any appeal or contest of the April 7, 2020 Municipal Election.
2. Clerk's Duties. The Clerk agrees to:
 - a. Designate members of her staff to be the Election Staff to assist the Town in the April 2020 Municipal Election and to provide the names of those individuals to the Town.
 - b. Use the ballot content provided by the Town to set-up the ballot design for the April 2020 Municipal Election and send proofs to the Town by e-mail when completed.
 - c. Provide an extract to the Town's designated printer so ballots compatible with the Clear Ballot Voting equipment will be printed for the Town's mail ballot election.
 - d. Provide training to designated Town staff or designated election judges on how to prepare the ballots for processing through the Clear Ballot Municipal scanner.
 - e. Provide one Clear Ballot Municipal kit for use in processing the voted ballots on April 7, 2020. Clerk Election Staff members will deliver the Clear Ballot Municipal kit to the Town and remain at that site until all the ballots are processed and tabulated. Clerk Election Staff will be responsible for the security of the Clear Ballot Municipal kit and bring the equipment back to the Clerk's office in Glenwood Springs for secure storage, once tabulation is completed.
 - f. The Clear Ballot Municipal kit will be used to tabulate the results of the election once all voted ballots have been processed through the scanner and to produce reports of the election results. The Town will be able to print election results using the Clear Ballot Municipal kit.

g. Provide an additional Election Staff member, if needed, to arrive at the Town prior to the close of the election to assist with ballot tabulation.

h. Bill the Town within thirty (30) days after the election for staff time spent in setting up the ballot, the cost of the CBI background checks on Town staff and election judges, logic and accuracy testing, ballot counting and tabulation process on election night, and mileage for staff members to and from the Town Hall on Election Day. In addition, a charge of \$250 will be assessed for use of the Clear Ballot Municipal Kit for each election. If any race is close enough for a recount, the Clerk will additionally charge the Town for staff time needed to assist with the recount process. Anticipated cost to assist the Town with this election will be approximately \$1000.

3. **Town's Duties.** Town agrees to:

a. Provide the Clerk with certified ballot content as early as possible. Please contact Edna Place at 384-3700 x 1804 or eplace@garfield-county.com for format required for content certification.

b. Proof and return signed verification that the ballot proof is acceptable either by e-mail or fax to the Clerk as soon as possible after receipt.

c. Provide Clerk Election Staff with the name and contact information for their printer.

d. Provide at least two Town staff members to assist with the logic and accuracy testing (LAT) of the election equipment. This testing will be done at the Clerk's office in Glenwood Springs. Both Town and Clerk staffs will hand mark and hand tabulate ballots prior to those ballots being processed through the Clear Ballot Municipal kit. The LAT is done to verify that the electronic equipment is correctly processing the marked ballots.

e. Provide to the Clerk required information for Town Election contacts and all election judges to be used by the Town so the Clerk can conduct CBI background checks prior to the votes being scanned on the County election equipment. The Town will be responsible for all CBI charges.

f. Reimburse the Clerk for staff time spent in setting up the ballot, logic and accuracy testing, assisting with the ballot counting and tabulation process on election night, the charge for use of the Clear Ballot Municipal kit, and mileage for staff members traveling to and from the Town on Election Day. If any race is close enough for a recount, the Town agrees to reimburse the Clerk for staff time needed to assist with the recount process.

g. The Town Clerk will provide a new, encrypted flash drive so all reports for the election can be downloaded from the Clear Ballot Municipal kit for printing.

4. **INDEMNIFICATION.** The Town agrees to indemnify, defend and hold harmless the Clerk from any and all loss, costs, demands or actions, arising out of or related to any actions, errors or omissions of the Town in completing its responsibilities relating to the election.

5. **Integration.** The Parties acknowledge that this Agreement constitutes the complete agreement and understanding between them relating to the subject matter hereof and that no Party is relying upon any oral representations made by another Party or employee, agent or officer of the Party.

6. Amendments. This Agreement can be amended only in writing with signature of all Parties.

7. Notices. All notices, requests, demands, consents, and other communications pertaining to this Agreement shall be transmitted in writing and shall be deemed duly given when received by the Parties at their addresses below or any subsequent addresses provided to the other party in writing.

Notice to the Town

Town of Carbondale
c/o Cathy Derby
Town Clerk
511 Colorado Ave
Carbondale, CO 81623

Notice to Clerk: Jean Alberico, County Clerk & Recorder
109 Eighth Street, Suite 200
Glenwood Springs, CO 81601

IN WITNESS WHEREOF, the Town and the Clerk have caused this Agreement to be full executed in an electronic format or duplicate signed originals with each party receiving a fully executed copy.

ATTEST:

Town of Carbondale

Town Clerk

By: _____
Mayor

Dated: _____

Garfield County Clerk & Recorder

Jean Alberico Date



TOWN OF CARBONDALE

511 Colorado Avenue
Carbondale, CO 81623
www.carbondalegov.org
(970) 963-2733 Fax: (970) 963-9140

BOARD OF TRUSTEES AGENDA MEMORANDUM

TITLE: Public Arts Commission Membership Application Review

SUBMITTING DEPARTMENT: Boards and Commissions

ATTACHMENTS: Public Arts Commission Membership Applications

BACKGROUND

The Public Arts Commission reviewed membership applications submitted by David Thickman. The commission moved to recommend the applicant for full membership appointment on the Carbondale Public Arts Commission.

RECOMMENDATION

Town Staff recommends the Board of Trustees move to approve David Thickman be appointed as regular voting members of the Public Arts Commission.

Prepared by: Kae McDonald

Town Manager

CURRICULUM VITAE, abridged
DAVID THICKMAN, M.D., F.A.C.R.

Home Address: 109 Sopris Mesa Drive
 Carbondale, CO 81623

Telephone: 952-595-1100 (Work VRAD)

Work Address: Virtual Radiologic
 11995 Singletree Lane, Suite 500
 Eden Prairie, MN 55344

E-mail (personal) dthick@comcast.net
(work) david.thickman@vrad.net

Fax 952-595-2757 at vRad

Education:

B.S.	Union College Schenectady, NY Psychology, magna cum laude	1969-1973
MD	Medical College of Virginia Richmond, VA	1974-1978
Intrnshp	Temple University Hospital	1978-1979
Rsdncy	Temple University Hospital Philadelphia, PA	1979-1982
Fllwshp	University Pennsylvania	1982-1983
MRI Rsrch	Philadelphia, PA	
Fllwshp	University of Pennsylvania	1983-1984
Body US/ CT/MRI	Philadelphia, PA	

Faculty Appts:

Clinical Assistant Professor University of Pennsylvania School of Medicine	1984-1987
Assistant Professor of Radiology Dept of Radiology	1987-1989

University of Colorado Health Sciences
Center, Denver, Colorado

Associate Professor Department of Radiology Univ Colorado HSC Denver, CO	1989-1991
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Staff Positions:

Department of Diagnostic Imaging Presbyterian-University of Pennsylvania Med Cntr, Philadelphia, PA	1984-1987
---	-----------

Director, Division of Ultrasound Dept Radiology Univ Colorado Health Sciences Center	1990-1991
--	-----------

Vice-Chairman Dept Radiology Univ Colorado Health Sciences Center	1990-1991
---	-----------

Staff Radiologist- RIA, P.C.	1991-2006
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NightHawk Radiology Services (David Thickman, M.D., P.C.)	2006-12/2010
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Virtual Radiologic	1/2011-present
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Honors:

Magna cum laude Union College	1973
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"Case of the Week" Annual Award Department of Radiology Medical College of Virginia	1978
---	------

"Outstanding Faculty Teaching" Award Department of Radiology, UCHSC	1989
--	------

"Outstanding Faculty Research" Award Department of Radiology, UCHSC	1991
--	------

Editors Recognition Award Distinguished Reviewing	1995
---	------

Radiology

Fellow American College of Radiology	2012-present
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Professional Affiliations:

American College of Radiology	1984-present
Radiological Society of North America	1978-present
Colorado Radiological Society (CRS)	1988-present
Society of Emergency Radiology	2010- present

Art Exhibitions/Submissions:

Chess-ship circa Earth. Created 1992 by Thickman and Linker part of exhibition Monumental Propaganda, The World Financial Center, NYC, NY	1993
Submitted proposal for "Monument to Cold War Victory"	2012

Committees:

National Medical:

Membership Committee, SMRI	1988-1990
Chairman, Poster Committee, SMRI	1989-1990
Member, Lung Cancer Study Group	1988-1990
Program Committee, SMRI	1988-1992
Co-Chairman Evening Tutorial Program, SMRI	1990-1991
Co-Chairman, Educational Program, SMRI	1991-1992
Membership Committee, SRU	1994-1995
ACR CPI/GU Expert Review Panel Member	1997-2001
ACR MRI accreditation Panel Member	1999-2006
RSNA Fellowship/Grant review Com	1998- 2000

Local Medical:

CRS Program Committee	1988-1991
CRS Executive Committee	1989-1992
CRS Treasurer	1990-1992
Community Maternal-Fetal Med Grp	1988-1991
Colorado Cancer Research Prgm	1991-2006
CRS Program Com.	1993-1996
CRS Program Com Chairman	1995-1996

Med South Clinical Care Com	1998-2004
Academic Medical:	
Credentials Committee, PUPMC	1985-1987
Cancer Committee, UCHSC	1987-1991
Chairman, MR/CT Acquisition Com	1987-1989
Member, MR/CT Acquisition Com	1987-1991
Search Com Chief Radiol Sci, UCHSC	1987-1988
Chrmn, Body Imaging Fellowship Com	1987-1991
Student Honors Com, UCHSC	1988-1990
Rad. House Staff Review Com	1988-1991
Curriculum Com, Dept Rad. UCHSC	1989-1990
Co-Chairman Dept Eval Com	1989-1991
Quality Assurance Com, Dept Rad	1989-1991
Search Com Chief Radiology VAH	1989-1991
East Pavilion Imag Equip Com	1990-1991
Clin. Enrichment Advisory Council	
School of Medicine	1990-1991
Research Com. Dept Radiology	1986-1991
Co-Chr, Resident Select & Review	1990-1991
Chairman, Dept Executive Com	1990-1991
Hospital and Group	
Credentials Committee PUPMC	1986-1987
CME Committee Porter Mem Hosp	1993-1996
Co-chairman	
Chairman	1994-96
RIA Retreat Committee	1992, '94, '97 '98
RIA Education Committee	1993-94
Cancer Committee Porter Mem Hosp	1993-2004
Cancer Business Com Porter Hosp	1993-96
RIA Personnel Committee	1993-96
RIA President-elect Com	1998
RIA QA/ED Committee	1994-2002
Chairman	1995-98
IAC Utilization Review and Consultant	1994-1999
PorterCare QA/QI Committee	1993-96
Chairman	1995-96
RIA executive committee	1995-96
RIA, P.C. secretary	1995-96
RIA Operations Com	1996-2002
RIA Breast Com	1998-2006
RIA Coding Com, Chair	1999-2006
RIA Physician extender advisor	1999-2001
MedSouth IPA Clinical Care Com	1998-2003
South Metro IPA " " "	1998-1999

RIA Compliance Committee	2000-2006
RIA QA Committee	2002-2006
Porter Institutional Review Board	2003-2004
Porter Clinical Excellence Com	2003-2004
Body Imaging Com	2004-2006
Porter Credentials Com	2006-2006
NightHawk Radiology Medical Quality Board	2010
vRad Radiologist Representative	2018-2019
Local Non-Medical	
R2 Gallery Committee	2019-present
RVR Governance Committee	2019-

Bibliography: Selected Original Peer-reviewed Papers

1. Ziskin MC, Thickman D, Goldenberg NJ, LapayowkerMS, Becker JM. The comet tail artifact. J Ultrasound Med; 1(1):1-7, 1982.
2. Thickman D, Bonakdar-pour A, Clancy M et al. Fibrodysplasia ossificans progressiva. AJR 139:935-941, 1982.
3. Thickman D, Ziskin MC, Goldenberg NJ. Effect of display format on detectability. J Ultrasound Med; 2(3):117-121, 1983.
4. Thickman D, Kundel HL, Wolf G. Nuclear magnetic resonance of fresh and fixed tissue: effect of elapsed time. Radiology; 148:183-185, 1983.
6. Kressel H, Axel L, Thickman D, et al. NMR imaging of the abdomen at 0.12T: initial clinical experience with a resistive magnet. AJR; 141:1179-1186, 1983
7. Kundel H, Nodine C, Thickman D, Carmody D, Toto L. Nodule detection with and without a chest image. Invest Radiol; 20:94-99, 1985.
8. Thickman D, Mintz M, Mennuti M, Kressel H. Magnetic resonance imaging of cerebral abnormalities in utero. JCAT; 8:1058-1061, 1984.
9. Thickman D, Axel L, Kressel HY, et al. Magnetic resonance imaging of avascular necrosis of the femoral head. Skeletal Rad; 15:133-140, 1985.
10. Mintz MC, Thickman D, Gussman D, Kressel HY. MR evaluation of uterine anomalies. AJR; 148:287-290, 1987.

11. Rubinstein R, Askenase A, Thickman D et al. Magnetic resonance imaging to evaluate patency of aorto-coronary bypass. *Circulation*; 76:786-791, 1987
12. Thickman D, Miller GJ, Hopper KD, Raife M. Prostate cancer: comparison of pre-operative 0.35T with whole-mount histopathology. *Mag Res Imaging*; 8:205-211, 1990.
13. Drose J, Dennis M, Thickman D. Ultrasound diagnosis of in utero infection in pregnancy: a review of 19 cases. *Radiology*; 178:369-374, 1991.
14. Bixler R, Ahrens C, Rossi R, Thickman D. Radiographic determination of bullets. *Radiology*; 178:563-567, 1991.
15. Stapakis JC, Thickman D. Diagnosis of pneumoperitoneum: abdominal CT vs. upright chest film. *JCAT*; 16:713-716, 1992.
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August 23, 2019

TOWN OF CARBONDALE

APPLICATION FOR APPOINTMENT OR REAPPOINTMENT TO TOWN ADVISORY BOARDS AND COMMISSIONS

THIS IS AN APPLICATION FOR APPOINTMENT X REAPPOINTMENT

NAME OF APPLICANT: David Thickman

MAILING ADDRESS: 109 Sopris Mesa Drive Carbondale, CO 81623

STREET ADDRESS OF RESIDENCE: See above

TELEPHONE: (Work) _____ (Home) 303-653-1119

OTHER PHONE: _____ E-MAIL: dthick@comcast.net

INDICATE WHERE YOU WOULD LIKE YOUR AGENDAS AND INFORMATIONAL MATERIALS DELIVERED: dthick@comcast.net

(If you are seeking reappointment, it is only necessary to fill in your name and those informational items which have changed since you were last appointed.)

BOARD OR COMMISSION FOR WHICH (RE) APPOINTMENT IS SOUGHT:

Carbondale Public Arts Commission

NEW APPOINTMENT ONLY:

Describe any special knowledge, abilities, background or interests which you feel will provide a positive contribution to the goals and purposes of the board or commission for which you are seeking appointment. (Attach resume if desired or use an extra sheet of paper if necessary.)

As you can see from my attached CV, I am not an artist. I have had a lifelong interest in art beginning in grade school when my mother would talk about the art reproductions hanging on the walls of our home in Wyoming and upon our visits to the Metropolitan Museum of Art and the MOMA in NYC. I began to collect artworks in the early 1980's and then in the late 1980's to the present, I have been a collector with a focus on non-conformist Soviet/Russian art. Upon our move to Carbondale in 2014, I have been lucky to acquire a few works by local artists. Even better is that several of them are friends.

During my career, I have served on numerous committees. I am currently on the R2 gallery committee for the Carbondale Center for the Arts. I support the mission of the CPAC and would like to work and do my part as a member of this wonderful community.

Signature David M. [Signature] Date 8/23/2019

CONGRATULATIONS! The _____ has
appointed you to the _____ by official
action taken on _____. Your term will expire _____.

We greatly appreciate your interest and participation in the municipal government
process.

Mayor and Board of Trustees
Town of Carbondale

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TOWN OF CARBONDALE

PUBLIC WORKS

511 Colorado Avenue
Carbondale, CO 81623

Board of Trustees Agenda Memorandum

Meeting Date: January 28, 2020

TITLE: Waste Hauling Services Quarterly Update

SUBMITTING DEPARTMENT: Public Works

ATTACHMENTS: Mountain Waste 4th Quarter Service Report

BACKGROUND

On April 9, 2019, the Board approved a contract with Mountain Waste and Recycling for residential curbside trash and recycling collection services. Service for the majority of Town began on October 1, 2019, with other parts of Town being added as private contracts with HOA's expire. Part of that contract required quarterly reporting from Mountain Waste on a variety of metrics. Attached is the first quarterly report covering October, November and December of 2019.

DISCUSSION

The first part of the attached report deals with service issues. It is broken down into miscellaneous issues (6), missed collections (31), and return collections due to being set out late or access to the cans being blocked (9). This breaks down to 46 total issues out of 35,661 total collections for the quarter or 0.1%. It should be noted that staff and Mountain Waste agreed to begin tracking these issues in November due to the fact that October was the beginning of the new services and some issues were to be expected that month. If you remove the number of collections in October from the 35,661 total, you are left with a total of 22,855 collections for November and December. With 46 total issues in that time period, the percentage of issues is 0.26%.

The next section discusses overflow and contamination, abused/lost containers, and accidents or infractions during collections. As noted, we have begun the public education related to overflow and contamination, but have not charged any customers for overflow or contamination at this point. There have been five instances of lost/stolen containers thus far. You will notice that all but one of these have taken place in the Cleveland Place neighborhood. There was only one reported accident/infraction during this time and it was related to a backup driver beginning his route prior to 7 AM. There have been no further observations of drivers beginning routes prior to 7 AM.

The next portion of the report is related to trash and recycling tonnage and diversion rates. The total estimated tonnage for trash and recycling during the last quarter of 2019 was 451.75 tons. Of this, 284.81 tons was trash that was taken to the landfill. The trash tonnage is a hard number validated by scale tickets from the landfill. The remainder, 166.94 tons, is the estimated amount of recycling that was collected during this time. It should be noted that this is just an estimate based on the number and size of recycling containers distributed throughout Town (the basis for this estimate is shown on the page following the trash, recycling and diversion rate summary.) Later this year, Mountain Waste will conduct audits of this estimate by collecting only recycling within the Town limits and taking the trucks to a scale to get actual weights prior to dumping the recycling into the transports. These audits will help refine the methodology of converting volume to weight so that a more refined diversion rate can be calculated. That being said, if the 166.94 ton estimate is accurate, the diversion rate for the 4th quarter of 2019 would be 36.95%.

The information following the diversion rate calculations is a recap of each route and the different containers associated with the route. The section after this recaps the monthly trash disposal by destination. The final section discusses single-stream recycling, where Carbondale's recycling is hauled, and what happens to it after that. Representatives from Mountain Waste will be available at the meeting to answer any questions the Board may have.

In addition to the quarterly report provided by Mountain Waste, staff would like to share the following with the Board related to the administration of the residential trash and recycling services:

Related to lost/stolen cans- The Town and Mountain Waste have agreed to split the cost of the first lost/stolen can from a specific address. After that, the customer will be responsible for the cost of the replacement container.

Related to missed collections- You will notice that in the first part of Mountain Waste's 4th Quarter Service Report, there are a number of missed collections that were reported on Tuesdays. Some of the time, this was due to a person seeing a Mountain Waste truck go by their home (often times on the side street next to it) and not stopping to empty their containers. In many instances, this is not a missed stop, but a function of the way that Mountain Waste runs their routes through town (i.e. doing all of the north/south streets on their route and then going back and doing all of the east/west streets and alleys. To minimize the number of reports of missed services, staff will now ask residents who call in during working hours on Tuesday to wait until the end of the day and report back on Wednesday if their cans are not serviced.

Related to opting out of trash and recycling services- There have been approximately eighteen residents that have expressed displeasure with being required to pay for a service that they don't feel they need. The majority have shared that they have other, cheaper options for disposing of their trash and recycling. As a reminder, when the Board was discussing waste hauling options in 2018 and 2019, this topic came up and it

was decided at that time that waste hauling would be treated the same as sewer and water (no opt-out). This was done because it was considered a public health and safety item just like sewer and water, to minimize the administrative effort necessary, and because it would make it difficult for contractors to bid on if they were not sure how many customers they would ultimately have.

If the Board decides to entertain the notion of allowing an opt-out provision in the future, this would require discussions with Mountain Waste, and possibly a renegotiation of the contract with them because of the change in parameters (during the RFP process, contractors were told that the only opt-outs would be those who chose to get a different hauler and still pay the Town for their services, and if that happened, that they would still be compensated as long as containers had been delivered.)

Related to suspension of service- There have been a handful of residents that have expressed displeasure with the inability to suspend service while they are out of town. Since October, the majority of the handful have been leaving town for the winter. However, as the sign-up for residents of River Valley Ranch begins in earnest, we would anticipate an increase in the number of concerns related to this topic due to the fact that they have been allowed to suspend services for almost any period of time in the past.

As no suspensions are currently allowed, staff has been working with residents to help them evaluate whether the cost of changing service levels from their current level to the supersaver level would be more cost effective for them while they are away from Carbondale, or if they would be better off to just continue at their current level. The biggest determining factor with this is whether or not the money saved by dropping to a lower service level is more than the cost to change the service level and then change it back.

If the Board decides to entertain the notion of allowing residents to suspend their service, it is highly recommended that the suspension time be at least 4 consecutive months, and that they are required to pay the fees associated with changing service when they suspend the service and when they reinstate it. As mentioned above, this will require discussions with, and potential renegotiations with Mountain Waste.

FISCAL ANALYSIS

None.

RECOMMENDED ACTION

Review the attached information and ask any questions you may have.

Prepared by: Kevin Schorzman

Town Manager



2019

4th Quarter Service Report

Residential Trash & Recycle Collection

Prepared & Presented by:



Town of Carbondale - Service Report - 2019 4th Quarter

Date Rec'd	Serv Order #	Customer Complaints & Resolution - 6	Date Resolved	Complaint - Resolution
(Thur) 11/14/2019	9464	39 Crystal Rd	11/14/2019	Latch on BP cart is broken - Replaced Cart
(Tue) 11/19/2019	9531	1004 Wheel Cir	11/20/2019	Med Trash Cart - Impeding Parking
(Mon) 11/25/2019	9562	700 Buggy Cir - Unit A	11/25/2019	Carts were on-site. Showed owner where
(Wed) 12/4/2019	9585	14 Maroon Dr	12/4/2019	Removed 64 g cart on-site
(Mon) 12/16/2019	9616	1115 Cara Ct	12/17/2019	Old Carts were not removed
(Mon) 12/30/2019	9751	695 Surrey Rd	12/31/2019	Old Carts were not removed

Date Rec'd	Serv Order #	Missed Collections & Resolution - 31	Date Resolved	Type of Service
(Mon) 11/4/2019	9417	1422 Greystone Dr	11/5/2019	Recycle
(Tue) 11/5/2019	9420	1552 Greystone Dr	11/5/2019	Recycle
(Wed) 11/6/2019	9422	301 W Eighth Place	11/6/2019	Trash
(Wed) 11/6/2019	9423	899 Garfield Ave	11/6/2019	Trash
(Wed) 11/6/2019	9425	65 Sixth St	11/6/2019	Trash
(Wed) 11/6/2019	9427	711 Garfield Ave	11/6/2019	Trash
(Wed) 11/6/2019	9431	45-77 Village Lane	11/7/2019	Trash
(Wed) 11/13/2019	9451	96 N Third St	11/13/2019	Trash
(Thur) 11/14/2019	9462	918 Garfield Ave	11/14/2019	Trash
(Mon) 11/18/2019	9526	909-925 Cowen Dr	11/19/2019	Recycle
(Thur) 11/21/2019	9552	124 Euclid Ave	11/21/2019	Recycle
(Fri) 11/22/2019	9555	475 N Eighth St	11/22/2019	Trash & Recycle
(Wed) 11/27/2019	9565	1625 Defiance Dr	11/27/2019	Trash
(Wed) 11/27/2019	9566	320 Oak Run Rd	11/27/2019	Recycle
(Tue) 12/3/2019	9575	330 Oak Run Rd	12/3/2019	Recycle - Last service day was 11/26/2019
(Tue) 12/3/2019	9574	310 Oak Run Rd	12/3/2019	Recycle - Last service day was 11/26/2019
(Wed) 12/4/2019	9580	323 Garfield Ave	12/4/2019	Trash
(Wed) 12/4/2019	9579	1360 Rock Ct	12/5/2019	Trash
(Wed) 12/4/2019	9577	618 Surrey Rd	12/4/2019	Recycle
(Wed) 12/4/2019	9584	315 S Second St #1	12/6/2019	Recycle
(Tue) 12/10/2019	9587	59 Crystal Rd	12/10/2019	Trash - Driver had not made it here yet
(Tue) 12/10/2019	9588	99 Crystal Rd	12/10/2019	Trash - Driver had not made it here yet
(Tue) 12/10/2019	9590	60 Crystal Rd	12/10/2019	Trash - Driver had not made it here yet
(Thur) 12/11/2019	9594	1360 Rock Ct	12/11/2019	Trash
(Thur) 12/11/2019	9592	20 Clearwater Rd	12/11/2019	Trash
(Fri) 12/12/2019	9599	909-925 Cowen Dr	12/12/2019	Trash

(Tue) 12/17/2019	9621	583 S Second St	12/18/2019	Trash
(Tue) 12/17/2019	9619	507 S Second St	12/17/2019	Trash
(Tue) 12/17/2019	9731	633 Surrey Rd	12/18/2019	Recycle
(Thur) 12/19/2019	9743	669 Surrey Rd	12/19/2019	Recycle
(Tue) 12/31/2019	9753	65 Sixth St	12/31/2019	Trash & Recycle

Date Rec'd	Serv Order #	Return Collections - (Late out or Blocked) - 9	Date Resolved	Type of Service
(Tue) 11/5/2019	9418	694 Euclid Ave - Late	11/5/2019	Trash
(Wed) 11/6/2019	9421	80 Crystal Rd - Not Out on 11/5	11/6/2019	Trash
(Wed) 11/6/2019	9432	1439 Greystone Dr - Not Out on 11/5	11/7/2019	Trash
(Tue) 11/19/2019	9530	315 S Second St # 1 - Not Out on 11/19	11/20/2019	Recycle
(Tue) 11/19/2019	9535	175 Oak Run Rd - Not Out 11/19/2019	11/20/2019	Trash & Recycle
(Tue) 12/3/2019	9573	507 S Second St - Not Out 12/3/2019	12/3/2019	Trash
(Wed) 12/4/2019	9583	687 Colorado Ave - Not out 12/3/2019	12/6/2019	Recycle
(Tue) 12/17/2019	9726	301 W Eighth Place - Not Out on 12/17/2019	12/18/2019	Trash & Recycle
(Tue) 12/31/2019	9753	65 Sixth St	12/31/2019	Trash & Recycle

Total Service Complaints, Misses & Returns	46
Total Services Performed - Trash & Recycle	35661

Date Rec'd	Serv Order #	Overflow & Contamination - Trash & Recycle	Date Resolved	Type of Service
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Agreed upon with Kevin Schorzman that MWR will not be charging for overflow. - Transition period & Education to residence.

Date Rec'd	Serv Order #	Abused / Lost Containers	Date Resolved	Equipment Replaced
(Fri) 11/15/2019	9466	505 N Eighth St	11/15/2019	Delivered replacement BP 96 g Trash Cart
(Fri) 11/15/2019	9467	327 Cleveland Place	11/15/2019	Delivered replacement 32 g Trash cart
(Fri) 11/15/2019	9468	338 Cleveland Place	11/15/2019	Delivered replacement 64 g Trash cart
(Mon) 11/25/2019	9557	337 Cleveland Place	11/27/2019	Delivered replacement 64 g Trash cart
(Wed) 12/4/2019	9578	583 S Second St	12/7/2019	Delivered replacement 18 g Recycle bin

Date Rec'd	Serv Order #	Vehicle Accidents or Infractions	Date Resolved	Resolution
(Tue) 10/15/2019	Kevin Schorzman Phone Call	Route Truck - Observed servicing before 7 AM in a residential area.	10/15/2019	Driver was back filling route - normal route driver was on vacation. Explained to driver that we do not start service in Carbondale until 7 AM. Understood!

Service Report**Town of Carbondale 2019 - 4th Quarter****Waste - Landfill Weight Tickets**

	October	November	December	Quarterly Total - Trash
Pitkin County LF	87.15 Tons	66.73 Tons	92.32 Tons	246.2 Tons
South Canyon LF	16.44 Tons	9.96 Tons	12.21 Tons	38.61 Tons
Monthly Totals:	103.59 Tons	76.69 Tons	104.53 Tons	284.81 Tons

Single Stream Recycle

	October	November	December	Quarterly Total - Recycling
Alpine Waste & Recycling Denver, CO.	56.26 Tons	48.57 Tons	62.11 Tons	166.94 Tons

Calculation Summary (Conversion Table - next page):

	October	November	December
Gallons	245846	212218	271406
Yards	1223.11	1055.81	1350.28
Pounds	112526.53	97134.61	124225.63
Tons	56.26	48.57	62.11

Combined Tons**Collected - All Material: 451.75 Tons****Landfill Diversion % 36.95%**

Single Stream Recycling - Summary & Conversion

Recycle Route - REC807

	18 Gal	32 Gal	64 Gal	96 Gal
1-Oct	555	1	298	43
8-Oct	552	1	1	33
15-Oct	541	1	390	45
22-Oct	540	1	14	34
29-Oct	530	1	390	43
	2718	5	1093	198
5-Nov	529	1	15	35
12-Nov	545	2	382	47
19-Nov	485	1	134	59
26-Nov	488	1	104	26
	2047	5	635	167
3-Dec	485	1	139	39
10-Dec	493	1	104	26
17-Dec	495	1	263	81
24-Dec	500	1	104	56
31-Dec	498	1	263	75
	2471	5	873	277

Recycle Route - REC807

Gallons		18 Gal	32 Gal	64 Gal	96 Gal
Collected	October	48924	160	69952	19008
Per Month	November	36846	160	40640	16032
By Route	December	44478	160	55872	26592
		18 Gal	32 Gal	64 Gal	96 Gal
Total Overall	October	52812	160	161728	64896
Combined Gallons	November	40626	160	139200	59232
Collected	December	48996	160	182656	73344

18 Gal

RVR Backout	October	33750		(373*18) * 4 weeks =	27000
373 Homes w/	November	27000		(373*18) * 5 weeks =	33750
18 Gal	December	33750			

		18 Gal	32 Gal	64 Gal	96 Gal	Totals
Final Adjusted	October	19062	160	161728	64896	245846
Totals - Gallons	November	13626	160	139200	59232	212218
	December	15246	160	182656	73344	271406

Gallons to Yards	October	94.84	0.80	804.62	322.87	1223.11
(201 - Gallons	November	67.79	0.80	692.54	294.69	1055.81
per Yard)	December	75.85	0.80	908.74	364.90	1350.28

Yards to Weight	October	8724.90	73.23	74024.76	29703.64	112526.53
Lbs.	November	6236.78	73.23	63713.43	27111.16	97134.61
(92 lbs per Yard)	December	6978.27	73.23	83603.74	33570.39	124225.63

Weight - lbs to	October	4.362	0.037	37.012	14.852	56.26
Tons	November	3.12	0.04	31.86	13.56	48.57
	December	3.49	0.04	41.80	16.79	62.11

Single Stream	October	56.26	Tons
Recycling	November	48.57	Tons
Monthly Totals	December	62.11	Tons

Recycle Route - REC810

	18 Gal	32 Gal	64 Gal	96 Gal
1-Oct	47	0	698	122
8-Oct	44	0	2	77
15-Oct	42	0	10	71
22-Oct	42	0	714	136
29-Oct	41	0	10	72
	216	0	1434	478
5-Nov	52	0	686	149
12-Nov	47	0	13	80
19-Nov	52	0	556	119
26-Nov	59	0	285	102
	210	0	1540	450
3-Dec	51	0	554	132
10-Dec	58	0	287	98
17-Dec	48	0	429	92
24-Dec	48	0	283	67
31-Dec	46	0	428	98
	251	0	1981	487

Recycle Route - REC810

Gallons		18 Gal	32 Gal	64 Gal	96 Gal
Collected	October	3888	0	91776	45888
Per Month	November	3780	0	98560	43200
By Route	December	4518	0	126784	46752

REC807	REC810	Overall
Totals	Totals	Total Services
897	867	1764
587	123	710
977	123	1100
589	892	1481
964	123	1087
	October	6142
580	887	1467
976	140	1116
679	727	1406
619	446	1065
	November	5054
664	737	1401
624	443	1067
840	569	1409
661	398	1059
837	572	1409
	December	6345

Total Recycle Services

14 Service Weeks	17541
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F907							
Date	32G	64G	96G	96GBP	2YD	3YD	TOTAL:
October							
10.1.19	91	185	133	7	0	0	416
10.8.19	123	252	138	4	0	0	517
10.15.19	123	251	126	4	0	0	504
10.22.19	123	251	124	4	0	0	502
10.29.19	72	151	56	2	0	0	281
TOTAL:	532	1090	577	21	0	0	2220
November							
11.5.19	78	145	59	2	0	0	284
11.12.19	78	141	60	2	0	0	281
11.19.19	53	140	57	2	0	0	252
11.26.19	77	138	57	1	0	0	273
TOTAL:	286	564	233	7	0	0	1090
December							
12.3.19	52	139	57	1	0	0	249
12.10.19	77	138	57	1	0	0	273
12.17.19	51	137	57	1	0	0	246
12.24.19	77	139	57	1	0	0	274
12.31.19	52	138	57	1	0	0	248
TOTAL:	309	691	285	5	0	0	1290

R614							
Date	32G	64G	96G	96GBP	2YD	3YD	TOTAL:
October							
10.1.19	182	433	78	12	9	2	716
10.8.19	187	445	82	14	10	2	740
10.15.19	187	446	81	14	10	2	740
10.22.19	187	446	83	14	10	2	742
10.29.19	128	296	67	10	10	2	513
TOTAL:	871	2066	391	64	49	10	3451
November							
11.5.19	135	270	65	13	13	2	498
11.12.19	87	264	64	12	13	2	442
11.19.19	137	258	63	12	14	2	486
11.26.19	88	255	64	12	14	2	435
TOTAL:	447	1047	256	49	54	8	1861
December							
12.3.19	137	263	63	12	16	1	492
12.10.19	88	257	64	13	15	1	438
12.17.19	137	260	69	13	16	1	496
12.24.19	88	257	70	13	16	1	445
12.31.19	140	257	69	13	17	1	497
TOTAL:	590	1294	335	64	80	5	2368

R610							
Date	32G	64G	96G	96GBP	2YD	3YD	TOTAL:
October							
10.1.19	6	7	2	0	0	0	15
10.8.19	7	7	2	0	0	0	16
10.15.19	7	7	2	0	0	0	16
10.22.19	7	7	2	0	0	0	16
10.29.19	7	7	2	0	0	0	16
TOTAL:	34	35	10	0	0	0	79
November							
11.5.19	7	7	2	0	1	0	17
11.12.19	4	7	2	0	1	0	14
11.19.19	7	7	2	0	1	0	17
11.26.19	4	7	2	0	1	0	14
TOTAL:	22	28	8	0	4	0	62
December							
12.3.19	7	7	2	0	1	0	17
12.10.19	4	7	2	0	1	0	14
12.17.19	7	7	2	0	1	0	17
12.24.19	4	7	2	0	1	0	14

S612							
Date	32G	64G	96G	96GBP	2YD	3YD	TOTAL:
October							
10.1.19	22	61	12	1	0	0	96
10.8.19	20	62	12	1	0	0	95
10.15.19	20	62	12	1	0	0	95
10.22.19	20	62	12	1	0	0	95
10.29.19	20	62	12	1	0	0	95
TOTAL:	102	309	60	5	0	0	476
November							
11.5.19	22	62	12	1	0	0	97
11.12.19	22	62	12	1	0	0	97
11.19.19	22	57	12	1	0	0	92
11.26.19	22	57	12	2	0	0	93
TOTAL:	88	238	48	5	0	0	379
December							
12.3.19	22	57	12	2	0	0	93
12.10.19	22	57	12	2	0	0	93
12.17.19	22	57	12	2	0	0	93
12.24.19	22	57	12	2	0	0	93

12.31.19	7	7	2	0	1	0	17
TOTAL:	29	35	10	0	5	0	79

12.31.19	22	57	12	2	0	0	93
TOTAL:	110	285	60	10	0	0	465

S613							
Date	32G	64G	96G	96GBP	2YD	3YD	
October							
10.29.19	110	250	72	6	0	0	438
TOTAL:	110	250	72	6	0	0	438
November							
11.5.19	123	228	76	9	0	0	436
11.12.19	101	221	77	9	0	0	408
11.19.19	104	218	79	9	0	0	410
11.26.19	104	220	81	11	0	0	416
TOTAL:	432	887	313	38	0	0	1670
December							
12.3.19	105	224	81	10	0	0	420
12.10.19	104	222	83	10	0	0	419
12.17.19	105	221	117	10	0	0	453
12.24.19	103	220	115	12	0	0	450
12.31.19	108	216	115	11	0	0	450
TOTAL:	525	1103	511	53	0	0	2192

	32G	64G	96G	96GBP	2YD	3YD	Totals
October	1649	3750	1110	96	49	10	6664
November	1275	2764	858	99	58	8	5062
December	1563	3408	1201	132	85	5	6394
	4487	9922	3169	327	192	23	

Total Trash Services	18120
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Disposal Detail by Destination



PITKIN COUNTY SOLID WASTE CENTER

Date	Site ID	Site Name	Route	Vehicle	Work Order #	Ticket #	Volume (Cubic Yards)	Weight (Tons)	Cost	
10/1/2019			R614	0614		155197	0.00	3.58	213.62	
10/1/2019			R614	0614		155130	0.00	8.13	485.12	
10/1/2019			F907	0907		155088	0.00	7.03	419.49	
10/8/2019			R614	0614		156544	0.00	8.75	522.12	
10/8/2019			F907	0907		156550	0.00	4.64	276.87	
10/15/2019			R614	0614		157814	0.00	8.75	522.12	
10/15/2019			F907	0907		157777	0.00	10.32	615.79	
10/15/2019			F907	0907		157783	0.00	7.38	440.36	
10/22/2019			F907	0907		158981	0.00	5.37	320.43	
10/22/2019			R614	0615		159031	0.00	9.03	538.83	
10/22/2019			F907	0907		158963	0.00	6.78	404.56	
10/29/2019			F907	0907		160145	0.00	7.39	440.97	
Number of Trips 12							Totals	0.00	87.15	5,200.28

SOUTH CANYON LANDFILL (CITY OF GWS)

Date	Site ID	Site Name	Route	Vehicle	Work Order #	Ticket #	Volume (Cubic Yards)	Weight (Tons)	Cost	
10/8/2019			R614	0630		562550	0.00	4.76	238.81	
10/29/2019			R614	0614		564697	0.00	8.85	444.00	
10/29/2019			R614	0614		564752	0.00	2.83	141.98	
Number of Trips 3							Totals	0.00	16.44	824.79
Total Number of Trips 15							Report Totals	0.00	103.59	6,025.07

Disposal Detail by Destination



PITKIN COUNTY SOLID WASTE CENTER

Date	Site ID	Site Name	Route	Vehicle	Work Order #	Ticket #	Volume (Cubic Yards)	Weight (Tons)	Cost	
11/5/2019			F907	0907		161122	0.00	7.43	443.35	
11/5/2019			R614	0614		161235	0.00	9.63	574.63	
11/12/2019			S613	0612		162532	0.00	1.61	96.07	
11/12/2019			R614	0614		162514	0.00	8.80	525.10	
11/12/2019			S613	0612		162520	0.00	2.46	146.79	
11/12/2019			F907	0907		162448	0.00	7.79	464.83	
11/19/2019			F907	0907		163713	0.00	6.64	396.21	
11/19/2019			R614	0614		163809	0.00	7.85	468.41	
11/26/2019			F907	0907		164607	0.00	7.11	424.26	
11/26/2019			R614	0614		164651	0.00	7.41	442.16	
Number of Trips 10							Totals	0.00	66.73	3,981.81

SOUTH CANYON LANDFILL (CITY OF GWS)

Date	Site ID	Site Name	Route	Vehicle	Work Order #	Ticket #	Volume (Cubic Yards)	Weight (Tons)	Cost	
11/5/2019			S613	0612		565361	0.00	9.96	499.69	
Number of Trips 1							Totals	0.00	9.96	499.69
Total Number of Trips 11							Report Totals	0.00	76.69	4,481.50

Disposal Detail by Destination



PITKIN COUNTY SOLID WASTE CENTER

Date	Site ID	Site Name	Route	Vehicle	Work Order #	Ticket #	Volume (Cubic Yards)	Weight (Tons)	Cost	
12/3/2019			F907	0907		165029	0.00	7.70	459.46	
12/3/2019			S613	0611		165024	0.00	9.90	590.73	
12/3/2019			R614	0614		165074	0.00	8.99	536.44	
12/10/2019			S613	0611		165622	0.00	9.29	554.34	
12/10/2019			R614	0614		165687	0.00	6.80	405.76	
12/10/2019			F907	0907		165633	0.00	6.15	366.98	
12/17/2019			S613	0611		166261	0.00	5.72	341.31	
12/17/2019			R614	0614		166305	0.00	6.44	384.27	
12/17/2019			F907	0907		166264	0.00	5.21	310.89	
12/24/2019			S613	0611		166917	0.00	6.47	386.07	
12/24/2019			F907	0907		166946	0.00	5.76	343.70	
12/31/2019			R614	0614		167366	0.00	6.42	383.08	
12/31/2019			F907	0907		167347	0.00	7.47	445.74	
Number of Trips 13							Totals	0.00	92.32	5,508.77

SOUTH CANYON LANDFILL (CITY OF GWS)

Date	Site ID	Site Name	Route	Vehicle	Work Order #	Ticket #	Volume (Cubic Yards)	Weight (Tons)	Cost	
12/24/2019			R614	0615		569600	0.00	6.60	331.12	
12/31/2019			S613	0611		569905	0.00	5.61	281.45	
Number of Trips 2							Totals	0.00	12.21	612.57
Total Number of Trips 15							Report Totals	0.00	104.53	6,121.34

Collecting Recyclables (the NEW Way) “Single Stream”

All recyclables are collected together in one truck.

Recycle is collected, taken to our facility and loaded into larger containers. They are then hauled to the MRF processing center in Denver.

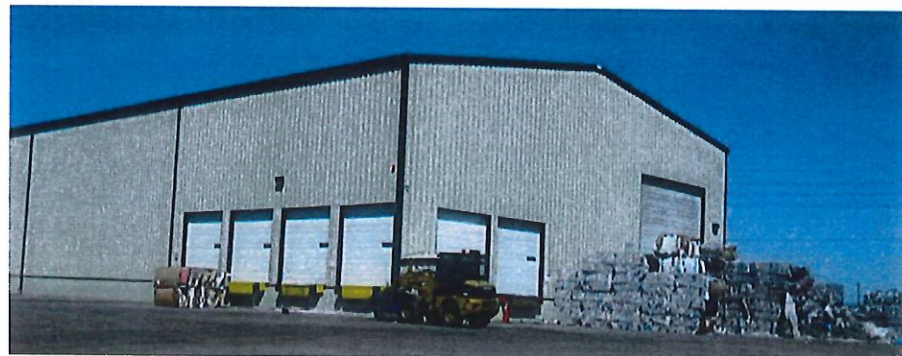


The materials are sorted at the facility and prepared for shipment & sent to market.

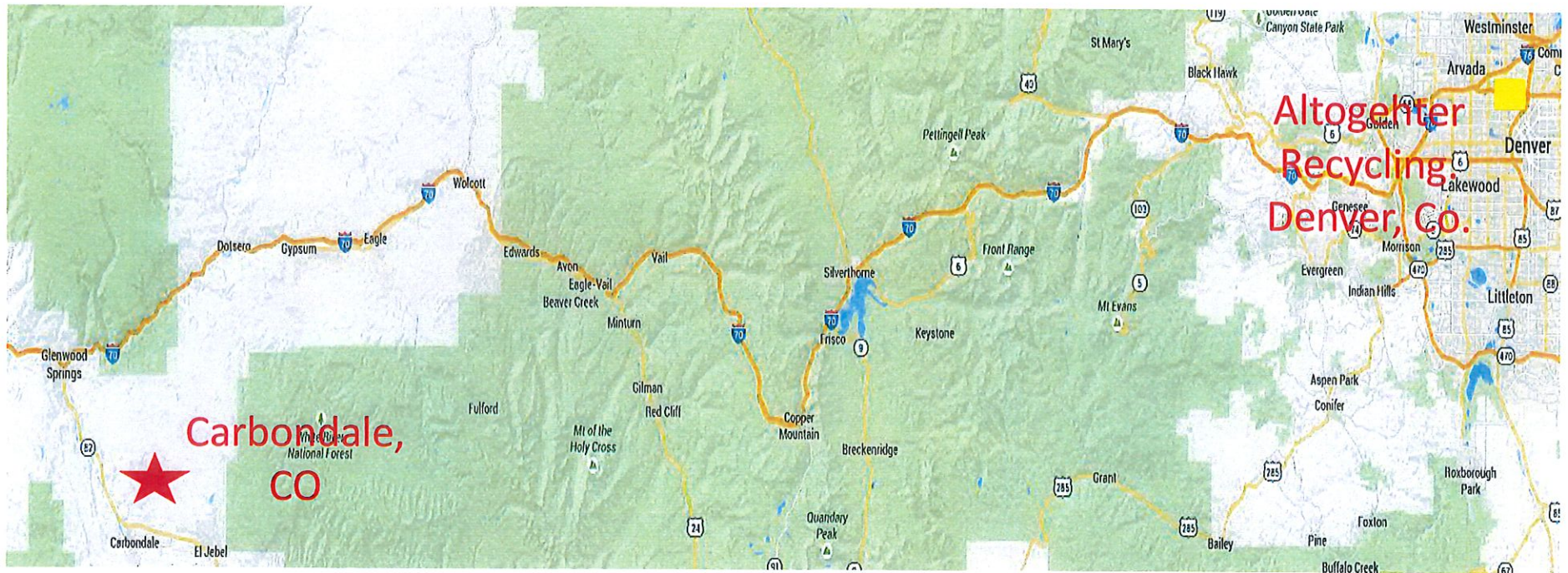


Alpine Waste & Recycling MRF – Materials Recovery Facility

- 50,000 sq ft. Built on 5.5 acres = \$5.5 million
- Located on Rail
- Processes up to 35,000+ Tons Per Month of Recyclables
- \$5mil Improvements/Expansion Completed

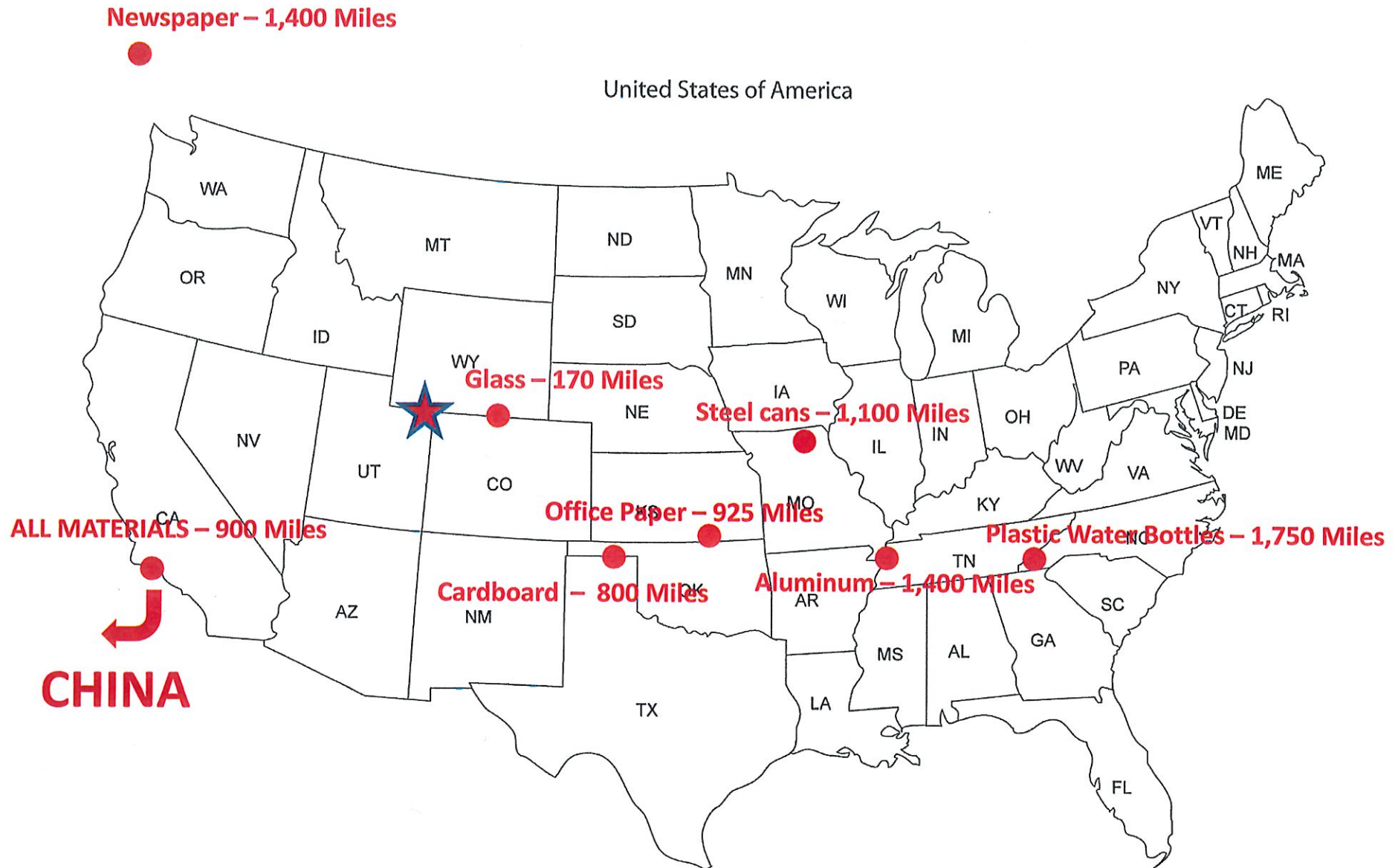


Our Closest & Only Option from a Recycling Sorting Facilities



**Altogether Recycling MRF – 160 miles one way
(single stream)**

Where Does It All GO?





**TOWN OF CARBONDALE
511 COLORADO AVENUE
CARBONDALE, CO 81623**

Meeting Date: 01/28/2020

TITLE: Adoption of the Ordinance to revise the Residential Efficient Build Program (REBP) to accommodate the adopted 2015 Energy Code.

SUBMITTING DEPARTMENT: Building Department

ATTACHMENTS: Ordinance No. 1 Series of 2020
Revised REBP Checklist
Highlighted Changes to the REBP Checklist
The New Home Points Analysis.

In support of meeting the Town's Climate Action Plan goals, the Town adopted the 2015 International Energy Conservation Code (IECC) in 2019. The REBP needed updating to accommodate this new Energy Code. During this revision process additional criteria is being added to start a path to Net-Zero Construction. Photovoltaic solar requirements are strengthened by reducing the minimum size of the home requiring PV from 5,000 to 2,000 SF, and reducing the HERS Rating (Home energy Rating System) are the major components of this path. Additionally,

- Basements and Unfinished portions of the project are now counted fully in determining size of project for required points calculation.
- Multi-Family projects are required to have 1.0 watts per SF of PV
- Multiple updates are being recommended to remove the awarding of points for items that are now part of the IECC, and to reword many items to be more flexible as the IECC changes.
- Checklist item 6.2, Rough-in for Solar Hot Water pre-heat is recommended to be removed as a requirement because it adds significant cost to projects and is rarely utilized as PV (Photovoltaic) has been determined to be more efficient and cost effective.

I would like to thank CORE's staff and consultants for taking many hours, if not days or weeks of time researching to provide the Ordinance and supporting information.

RECOMMENDATION

Staff recommends the following motion: **Move to approve Ordinance No. 1, Series of 2020, approving the revisions to the Residential Efficient Build Program.**

Prepared By: John Plano
Building Official

JH
Town Manager

**ORDINANCE NO. 1
SERIES OF 2020**

**AN ORDINANCE OF THE BOARD OF TRUSTEES OF THE TOWN OF
CARBONDALE, COLORADO, AMENDING CHAPTER 18 ARTICLE 11 OF THE
MUNICIPAL CODE (THE RESIDENTIAL -EFFICIENT BUILDING PROGRAM)**

WHEREAS, by Ordinance No. 8, Series of 2011 (amended from the original Ordinance 12, Series of 2007) , the Town of Carbondale adopted a residential efficient building program that provides for education of the community, promotes the use of environmentally friendly construction methods and renewable energy technologies, and fosters economic development of “green” businesses; and

WHEREAS, by Ordinance No. 8, Series of 2011, the Board of Trustees adopted certain amendments to the residential efficient building program; and

WHEREAS, after approximately eight years of operation since the last amendment, the Board of Trustees finds and determines that certain amendments to the residential efficient building program are in the interest of public health, safety and welfare;

NOW THEREFORE, BE IT ORDAINED BY THE BOARD OF TRUSTEES OF THE TOWN OF CARBONDALE, COLORADO:

Section 1. The Board of Trustees hereby finds, determines and declares that this Ordinance is necessary and proper to provide for the safety, preserve the health, promote the prosperity and improve the order, comfort and convenience of the Town of Carbondale and the inhabitants thereof.

Section 2. Chapter 18, Article 11 of the Municipal Code is hereby amended by deleting the language stricken and adding the language underlined as set forth on the revised Code text attached to this Ordinance as Exhibit A.

Section 3. This Ordinance shall be published and become effective as provided by Section 3-3 of the Carbondale Home Rule Charter.

INTRODUCED, READ, APPROVED AND ORDERED PUBLISHED this _____
day of _____, 2020.

TOWN OF CARBONDALE

Dan Richardson, Mayor

ATTEST:

Cathy Derby, Town Clerk

EXHIBIT A

ARTICLE 11 - Residential Efficient Building Program

Sec. 18-11-10. - Purpose.

The intent of the Carbondale Residential Efficient Building Program (REBP) is to encourage cost-effective and sustainable building methods to create durable, energy-efficient structures that conserve natural resources, promote the efficient use of building materials and improve indoor air quality. Depending on the house size and use of exterior energy, there are requirements for onsite renewable energy mitigation in order to promote a local self-sufficient energy economy as per the Carbondale [Energy-Climate Action](#) Plan.

(Ord. No. 8, 2011; prior code 15.30.010; Ord. No. 8, 2015 §1, 8-11-2015)

Sec. 18-11-20. - Applicability.

- (a) The REBP applies to all new residential (single-family, duplex, townhouse, accessory dwelling unit) construction per the currently adopted building codes, as well as multi-family and residential sections of [multimixed](#)-use projects, and additions or reconstruction (remodel) projects as defined by the International Building Code or as specified in definitions.
- (b) The REBP Checklist and this Article are used for code enforcement. A resource guide will be provided for additional guidance and background references.

(Ord. No. 8, 2011; prior code 15.30.020; Ord. No. 8, 2015 §1, 8-11-2015)

Sec. 18-11-30. - Manufactured housing.

All manufactured homes must come from plants certified to produce ENERGY STAR-qualified manufactured homes on an ongoing basis. This process includes utilizing home designs that meet ENERGY STAR design guidelines.

(Ord. No. 8, 2011; prior code 15.30.025; Ord. No. 8, 2015 §1, 8-11-2015)

Sec. 18-11-40. - Exemptions.

- (a) Houses or [mixed-use](#) structures applying for historical designation may request the Planning Department to exempt the structure from any requirements set forth in this Article. The Planning Department shall refer any such request to the Community Office for Resources Efficiency (CORE) and/or the Building Department for comments before processing any such exemption request.
- (b) HUD home units that are approved by the Colorado Department of Housing are exempt.
- (c) In the event of any conflict between this Article and any provision set forth in the Unified Development Code of the Town, the provisions of the Unified Development Code shall govern.
- (d) Additions less than 500 square feet are exempt from the REBP, but shall abide by the requirements of the currently adopted version of the [International Energy Conservation Codecurrently adopted energy code](#).

(Ord. No. 8, 2011; prior code 15.30.030; Ord. No. 8, 2015 §1, 8-11-2015)

Sec. 18-11-50. - Innovation points.

- (a) *General description* . The points to be scored or minimum required points are based on total square footage or total square footage per unit (or an "average") for multi-family and residential portions of multi-use projects. See the definitions for appropriate total square footage calculations. In ~~multi-use~~ ~~and~~ mixed-use residential projects, points that are common to all units are gained for each unit and can be scored in each REBP Checklist; i.e., recycled content siding, roof insulation.
- (b) *Examples - point requirements* . The number of points required is on a graduated scale and can be calculated directly in the REBP Checklist. Examples of points required for various new residential housing or other residential type construction are included below:

**New Construction and Additions
2,000 Square Feet and Over**

Category	Tier 1	Tier 2	Tier 3	Tier 4
House Size (SF)	< 32 ,000	32 ,000- 43 ,999	54 ,000— 8,000 76 ,999	>= 87 ,000
Points	110	110—180	230—330	430—550

**Additions
2,000 Square Feet and Under**

Category	Tier 1	Tier 2	Tier 3	Tier 4
Size (SF)	500	1,000	1,500	2,000
Points	40	60	80	110

- (c) If the construction permit is only for a detached garage, the point requirements shall follow the Additions point schedule above.
- (d) Residential units in the multi-family ~~and multi-use~~ categories calculate total square footage as an "average" unit size as per the definitions. The points required are based on this "average" size. Multi-family ~~and multi-use~~ projects receive credit against the points required for the "average" size for building efficiency as follows:
- (1) Credit of ten points for efficiency of common walls.
 - (2) Credit of ten points if heating and hot water system is common to all units.

- (e) *Alternative points - cash in lieu* . Permit applicants may pay a cash fee in lieu of meeting some of the points required (see Section 18-11-160 of this Article). Cash-in-lieu points are limited to 25 percent of the points required.
- (f) *~~R~~On-site renewable energy requirements* . All new residential construction of 2000 sf or greater and all additions of 2000 sf or greater ~~Houses over 5,000 square feet~~ must supply part of the energy use in the home on site or elect to provide offsite renewables as calculated per town standards or provide mitigation through a fee payment option (see Section 18-11-160 of this Article). Also, the code considers exterior energy uses over a nominal amount in Paragraph 18-11-170(9.2) of this Article. In order to offset the exterior use of energy, the use must be mitigated with renewable energy onsite or the applicant has an option to pay a fee as determined by the Chief Building Official.

(Ord. No. 8, 2011; prior code 15.30.040; Ord. No. 8, 2015 §1, 8-11-2015)

Sec. 18-11-60. - Renewable and Efficiency Fund.

- (a) *General description* . The Town has established the Renewable and Efficiency Fund (REF) separate from the General Fund to support the installation of renewable energy and energy efficient technologies in the Town or in locations as approved by the Board of Trustees.
- (b) *Fees* .
- (1) Fees collected from items as per Section 18-11-160, Alternative cash in lieu of points; and Section 18-11-170, Onsite renewable energy and exterior use, of this Article, will be deposited to the REF.
 - (2) Fees from Section 18-11-160 may be collected at the time of issuance of the permit or paid prior to final inspection and issuance of the certificate of occupancy (C.O.). Fees from Section 18-11-170 are paid at the time of issuance of the permit. All fees may be reviewed prior to issuance of the C.O. for applicability and accuracy. Refunds or additional fees may be assessed prior to issuance of the C.O.
- (c) *Budget requests* . The Environmental Board will meet periodically with CORE to recommend funding requests at least two times per year for review and approval by the Board of Trustees.
- (d) *Criteria for authorizations* . Funds generated will be used to assist existing structures or new projects to achieve improved energy efficiency or renewable power generation in the Town or for locations on a case-by-case basis as approved by the Board of Trustees. It is suggested that such recommendations be based upon the following criteria:
- (1) Meets intent. The extent to which the proposed project meets the intent of the REF, which is to encourage and promote energy efficiency and renewable energy in the Town. This intent should be met by assisting in the incremental upgrade of a project and shall not be utilized for construction costs required for Code compliance.
 - (2) Cost benefit. The extent to which the proposed project provides an economic return on appropriations invested.
 - (3) Public benefit. The extent to which the proposed project offers a public benefit to the community.
 - (4) Affordable housing. Special consideration is given to projects that positively affect occupants of local affordable housing in the Town. Funding may assist in the incremental upgrade of a project and shall not be utilized for construction costs required for Code compliance.

Other items that may be considered for funding:

- (1) Focused education for the Carbondale [Residential](#) Efficient Building Program. Educational materials and events, including but not necessarily limited to, printed process guides, resource reference guides, efficient building educational events to assist participants in Code compliance, a webpage with available resources, links and information, shall be available.
- (2) Residences applying for historical preservation may apply for design assistance for mechanical and electrical renovations.
- (3) Activities related to implementing recommendations and conservation efforts shall be available as per the [Town's Energy Carbondale Climate and Energy Action](#) Plan.

(Ord. No. 8, 2011; prior code 15.30.050; Ord. No. 8, 2015 §1, 8-11-2015)

Sec. 18-11-70. - Inspection and compliance.

- (a) *General description* . The regulations contained in this Section identify the specific requirements for complying with the REBP. The sections and numbers in these regulations correspond to the sections and numbers on the REBP Checklist. The REBP Checklist is most easily [handled-completed](#) via an electronic spreadsheet, but can be filled in by hand. The REBP Checklist and other related documents are available at the Building Department or at [www. carbondalegov.org](http://www.carbondalegov.org).
- (b) *Permit application* .
 - (1) Two copies of a completed REBP Checklist, scoring the required points, must be submitted with the building permit application.
 - (2) In addition, the permit application must contain two copies of Energy Compliance Documents (REScheck, [or](#) HERS rating) ~~or letter advising on use of prescriptive requirements of the latest adopted version of the Energy Codes~~. See Section 18-11-130 for details. The permit application will not be processed without the completed REBP Checklists and the Energy Compliance Documents.
- (c) *Inspections* .
 - (1) Items selected on the REBP Checklist will be scored and submitted for plan review and field inspections accordingly. Field inspections are noted on the right column of the REBP Checklist.
 - (2) Compliance methods for each REBP Checklist item described herein will be demonstrated by "Inspection" and/or "Documented." If compliance is "Inspected," Town staff will inspect these measures during their typical inspections. Inspections are listed as PC: Plan Check, 1: Foundation, 2: Framing, 3: Insulation, 4: Rough-in and 5: Final. (Please read the "Compliance" section of the specific measure to see which type of inspection is required.)
- (d) *Documented items* . Items selected that are "Documented" shall require the submission of appropriate documentation to establish compliance at the time of inspection. If documentation is required for an item, this documentation should be kept in the inspection container at the site. The Town reserves the right to conduct a documentation and inspection review after the fourth inspection to determine if "Cash in Lieu of Points" are needed to meet point requirements.
- (e) *Failed inspections or compliance audits* .
 - (1) The Town may conduct follow-up inspections or compliance audits of "Documented" measures prior to issuing a C.O. If a compliance audit is conducted, the contractor must provide documentation for these items. If, for any reason, an inspection fails and the checklist has to be revised for compliance, then a revised REBP Checklist must be resubmitted to the Building Department within 30 days of the failed inspection and/or prior to issuance of the final C.O.

- (2) Prior to final inspection, fees and the REBP Checklist may be reviewed to revise the fee schedule if necessary.

(Ord. No. 8, 2011; prior code 15.30.060; Ord. No. 8, 2015 §1, 8-11-2015)

Sec. 18-11-80. - Definitions.

Definitions included herein are for interpretation of this Article only:

ACCA . Air Conditioning Contractors of America. ACCA produces Manual J, which is referenced by this Article.

AFUE . Annual Fuel Utilization Efficiency. AFUE, is the most widely used measure of a furnace's heating efficiency. It measures the amount of heat actually delivered to an occupant's premises compared to the amount of fuel that the occupant must supply to the furnace. Thus, a furnace that has an 80 percent AFUE rating converts 80 percent of the fuel that the occupant supplies to heat - the other 20 percent is lost.

AHRI . Air Conditioning, Heating and Refrigeration Institute. AHRI administers the heating, ventilation, air-conditioning and commercial refrigeration industry's performance certification programs for heating and cooling equipment and components.

ASHRAE . The American Society of Heating, Refrigerating and Air-Conditioning. ASHRAE is a technical society organized to advance sciences of heating, ventilation, air-conditioning and refrigeration. Some ASHRAE standards are referenced or required in the REBP.

Basement . A basement is that portion of a building that is partly or completely below grade per the International Residential Code.

Community Office for Resource Efficiency (CORE) . A local nonprofit 501c(3) energy office that is working with the Town to implement a clean energy future in the Roaring Fork Valley.

COP . Coefficient of performance (sometimes CP). The ratio of the change in heat of the output of a heat pump to the supplied work.

ERV Energy Recovery Ventilator is the energy recovery process of exchanging the energy contained in normally exhausted building or space air and using it to treat (precondition) the incoming outdoor ventilation air in residential and commercial HVAC systems. During the warmer seasons, the system pre-cools and dehumidifies while humidifying and pre-heating in the cooler seasons.⁽⁴⁾ The benefit of using energy recovery is the ability to meet the ASHRAE ventilation & energy standards, while improving indoor air quality and reducing total HVAC equipment capacity.

ENERGY STAR . ENERGY STAR is a joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy that manages and promotes energy efficient products and practices.

EPA . Environmental Protection Agency. This agency's standards are referenced in this Article for indoor air quality points.

Floor area . The floor area gross is defined as the sum of the horizontal areas of floors of a building measured from the exterior face of exterior walls or, if appropriate, from the center line of dividing walls.

GREENGUARD . An environmental institute with the mission of improving human health and quality of life by enhancing indoor air quality and reducing people's exposure to chemicals and other pollutants. GREENGUARD certifies products and materials for low chemical emissions.

HERS . Home Energy Rating System. A HERS rating is a performance audit of a home. It consists of the evaluation, diagnostic testing, cost-effective recommendations and a computerized simulation analysis utilizing Resnet Accredited Rating Software to calculate a rating score on the HERS Index.

HRV. Heat Recovery Ventilator. A heat-recovery ventilator (HRV) is similar to a balanced-ventilation system, except it uses the heat in the outgoing stale air to warm up the fresh air. A typical unit features two fans—one to take out household air and the other to bring in fresh air.

Multi-family . Multi-family projects are as per the International Residential Code or International Building Code: buildings or portions thereof designed for occupancy by three or more families living independently, including apartment houses, in which they may or may not share common entrances and/or other spaces. Individual dwelling units may be owned as condominiums or offered for rent.

MultiMixed-use . Multi-use projects may include different occupancies, including residential type, commercial and industrial. This Article applies only to the residential portions of these projects.

REScheck . A tool developed by the Department of Energy that compares a residential structure to a number of energy code standards.

Resnet . Residential Energy Services Network. The company that certifies energy raters and audits for the HERS program, as well as other energy audit programs.

SEER . Seasonal energy efficiency ratio. A ratio used to rate the efficiency of air conditioners.

Sone . A unit of perceived loudness.

Total square footage . For the purposes of this program, the total square footage is calculated as follows: The floor area within the inside perimeter of the exterior walls of a home, exclusive-inclusive of basements and exclusive of garages, without deduction for unfinished areas, corridors, stairways, closets, the thickness of interior walls, columns or other features.

~~(1) —Basement and garage floor areas shall be added to the above totals by adding 50 percent of the total basement and garage floor areas.~~

(1) Each unit of a duplex or row of townhouses shall calculate the total square footage of each unit.

(2) Multi-family projects will calculate the total square footage and the points required by dividing the total square footage as described above (including halls and common areas) by the number of units, to obtain the "average" square footage per unit. Points required for each unit are based on this "average" square footage. For the purpose of calculating square footage of multi-family projects for renewable requirements, total square footage is the aggregate Conditioned Floor Area (CFA).

~~Multi-family projects will calculate the total square footage and the points required by dividing the total square footage as described above (including halls and common areas) by the number of units, to obtain the "average" square footage per unit. Points required for each unit are based on this "average" square footage.~~

(3) Mixed-use (residential and commercial) multi-use projects will calculate the floor area as described above for each unit by dividing the square footage of all the residential sections (including halls and common areas) of the buildings by the number of units, to obtain the "average" floor area per unit. Points required for each unit are based on this "average" square footage.

(4) Areas not included in the total square footage: (1) covered walkways, open roofed-over areas, porches and similar spaces; and (2) pipe trenches, exterior terraces or steps, chimneys, roof overhangs and similar features.

(Ord. No. 8, 2011; prior code 15.30.070; Ord. No. 8, 2015 §1, 8-11-2015)

Sec. 18-11-90. - Section 1, Site and water conservation.

The following paragraphs contain points allowed for conservation:

1.1: Construction does not impact site 15 feet outside of building footprint: 2 points.

Vegetation shall not be impacted by construction area. Show detailed construction management plan with fence and limits of construction no more than 15 feet around the proposed building footprint. Driveways, utility lines and material storage are exempted.

Compliance: Plan check and inspected (PC, 1: Foundation).

1.2: One hundred percent of topsoil saved and reused on site: 2 points.

Topsoil must remain on site during construction. Storage area for topsoil must be indicated on the site plan. Care should be exercised to conform with the Carbondale Weed Management Plan.

Compliance: Inspected (1: Foundation).

1.3 One hundred percent of excavated fill reused on site or within a three-mile radius:

On site: 2 points.

Within 3-mile radius: 1 point.

Reuse of excavation material locally reduces transport of material and impacts. For points within a three-mile radius, provide a signed receipt with details on the location.

Compliance: Inspected with documentation (1: Foundation).

Documentation required for offsite point.

1.4: House size less than the national standard: 8 points.

Average house size has increased dramatically over the past 20 years, requiring additional heating energy, electricity and materials used in construction. Houses designed with total square footage below these sizes achieve these points.

Average house sizes:

For a studio: 650 sf.

1 bedroom: ~~800~~-1000 sf.

2 bedrooms: 1,375-600 sf.

3 bedrooms: ~~4,900~~2,200 sf.

4 bedrooms plus: ~~2,650~~800 sf.

Compliance: Show calculation of house size on site plan. Plan check (PC).

1.5: Erosion controls during construction: 1 point.

Reduce runoff from construction sites by providing silt fencing or straw bales in runoff areas. Protect stockpiled soil and disturbed areas from erosion.

Compliance: Inspected (1: Foundation).

1.6: Deciduous trees and large shrubs provide summer shade to west of structure: 1 point.

Mature landscaping must shade over 50 percent of subject glazing area. Show plantings on landscaping plan to provide shade from solar gain on west elevation from 2:00 p.m. to 6:00 p.m. in summer.

Compliance: Plan check (PC).

XERISCAPE LANDSCAPING

1.7: Addition of organic material to soil or use two inches of mulch or bark on all planting beds: 1 point.

Organic material can include but is not limited to manure and compost. Add organic material or mulch all planting beds with wood chips or bark at least two inches deep. (Exception: desert plantings.)

Compliance: Inspected with documentation (5: Final).

1.8 and 1.9: Reduction of turf areas.

1.8 Area limited: 3 points.

~~1.9 Xeriscape: 5-3 points.~~

Irrigated turf area of ~~high-water high-water~~ demand turf must be less than 25 percent of landscaped area, or 2,000 square feet, whichever is smaller, for 3 points.

~~1.9 Xeriscape: 3 points.~~

~~Or Use~~ low-water-demand or Xeriscape-rated plants only in at least 50 percent of landscaped area or 2,000 square feet, whichever is smaller, for ~~a total of 5-3~~ points.

Documentation includes landscaping plan or alternate and must show Xeriscape plants listed by the Colorado State University Extension Horticulture Office, ~~listed on www.xratedgardening.com,~~ or ~~another~~ recognized source.

Compliance: Inspected with documentation (5: Final).

Document with landscape plan.

1.10: Provide education on low-water plants and list of Xeriscape plants: 1 point.

Provide list of appropriate low-water plants to homeowner as listed by Colorado State University Extension Horticulture Office, ~~listed on www.xratedgardening.com,~~ or other recognized source.

Compliance: Inspected with documentation (5: Final).

Copy of list in the inspection container.

IRRIGATION SYSTEMS

1.11: Nonpotable water used for irrigation, [including ditches and/or storm water \(as allowed by law\)](#): 2 points.

Use water sources other than potable Town water for irrigation if appropriate access to water right is available from the Town or other source. Indicate sources on plan. [Storm water used for irrigation cannot exceed the amount allowed by law.](#)

Compliance: Inspected with documentation (5: Final).

Documentation with landscape plan or signed letter by the architect or owner ensuring that project is compliant.

1.12: Drip irrigation: 2 points.

At least 50 percent of landscaped area should include low- to moderate-water demanding plants, and should be irrigated with drip irrigation, bubbler or micro-spray systems.

Compliance: Inspected with documentation (5: Final).

Documentation with landscape plan or signed letter by the architect or owner ensuring that project is compliant.

1.13: Zoned irrigation system: 2 points.

Irrigation system must be zoned to deliver different amounts of water appropriate to the different plant zones. High-water zones should NOT be immediately adjacent to large hardscapes such as driveways or streets. Turf and planting beds must be zoned separately.

Compliance: Inspected with documentation (5: Final).

Documentation with landscape plan or signed letter by the architect or owner ensuring that project is compliant.

1.14: Timer controls installed: REQUIRED.

REQUIRED if irrigation is to be installed; high-water zones should have irrigation controls that include timed devices; timer shall have nighttime activation with Town water-supplied systems. Nighttime activation for ditch water systems is required, if possible.

Compliance: Inspected with documentation (5: Final).

Documentation with landscape plan or signed letter by the architect or owner ensuring that project is compliant.

1.15: Rain sensor installed [with-on](#) irrigation system: 2 points.

Sensors installed as part of an irrigation system turn-off system when adequate rainfall has occurred.

Compliance: Inspected with documentation (5: Final).

Documentation with landscape plan or signed letter by the architect or owner ensuring that project is compliant.

FOOD PRODUCTION

1.16: On-site greenhouse of 30 square feet or larger: 4 points.

Solar greenhouses can add heat to the home on sunny winter days and also provide fresh local vegetables year-round. Greenhouse must be isolatable from living space. Any heating must be provided by a separately controllable system or zone with a maximum temperature set point of 50 degrees F. Proper sizing of glazing area, thermal mass and insulation must be followed.

Compliance: Plan check and inspected (PC, 5: Final).

1.17: Edible landscaping: 1 point.

Edible landscaping takes advantage of planted areas by turning them into food producers. A minimum of 50 square feet must be prepared and dedicated for edible landscaping. In-ground, raised bed and container planting areas qualify.

Compliance: Inspected (5: Final).

WATER CONSERVATION

1.18: ~~Low~~High efficiency low-flow or dual-flush toilets: 1—4 points.

A low-flow toilet uses 1.4 gallons per flush (GPF) or less AND is equal to or greater than 400 grams per flush as per Maximum Performance testing (MaP). (MaP data is found on the California Urban Water Conservation Council web site ~~www.cuwcc.org~~MaP test to be 18th version or most recent). Alternate compliance path is installing toilet with WaterSense label.

A dual-flush toilet has a minimum of two flushing options and provides at least one flush choice less than 1.4 GPF.

Receive 1 point each low-flow toilet and 2 points for each dual-flush toilet installed. Note: a toilet can be both low-flow and dual-flush. In this case, the toilet will receive 2 points. Maximum of 4 points.

Compliance: Inspection with documentation (5: Final).

Provide documentation on site. Toilet must be on the MaP list to qualify for low flow.

1.19: Low-flow showerheads: 1 point per showerhead: 1-2 points

Showerheads using two gallons per minute or less must be installed on all showers. Only one shower head in each shower to obtain points. Alternate compliance path is installing showerhead with WaterSense label. Maximum of 2 points total.

Compliance: Inspection with documentation (5: Final).

Provide product documentation on-site.

1.20: Low-flow faucets: 1 point per faucet: 1-2 points

Faucets using one and a half gallons per minute or less must be installed. Alternate compliance path is installing faucet with WaterSense label. Maximum of 2 points total.

Compliance: Inspection with documentation (5: Final).

Provide product documentation on-site.

1.219: Hot water recirculation system: 1 point.

Saves water by maintaining hot water at faucets. Sensors or switches turn circulation pumps on and off to save energy.

Compliance: Inspection with documentation (4: Rough-in).

Provide product documentation at inspection.

~~1.21: Water efficient clothes washer: 3 points.~~

~~Select an ENERGY STAR front-loading washer to save both water and energy.~~

~~Compliance: Inspected (5: Final). Must be installed.~~

(Ord. No. 8, 2011; prior code 15.30.080; Ord. No. 8, 2015 §1, 8-11-2015)

Sec. 18-11-100. - Section 2, Recycling and reuse.

The following paragraphs contain points allowed for recycling and reuse:

2.1: Wood, scrap metal, cardboard, concrete recycled on site: 2 to 8 points; 2 points per material type recycled.

There shall be labeled containers or areas on site designated for recycling with evidence of use and service. The Pitkin County Landfill offers a reduced tipping fee for separated wood waste, and cardboard can be recycled free. For example, if cardboard and wood scraps are being recycled in containers on site, 4 points would be given.

Compliance: Inspected (1 thru 5).

2.2: Use of spruce-pine beetle salvage wood: 4 points for structural; 1 point for other uses: 2 total.

Spruce-pine beetle-affected lumber harvested in Colorado can be utilized as dimensional framing material, as well as siding, flooring and trim. Material must be used for over 50 percent of the use in the structure. For example: for flooring, 50 percent of the flooring installed must be pine- or spruce-beetle affected for 1 point.

Compliance: Inspected with documentation (2: Framing or 5: Final).

Provide documentation of source.

2.3: Use of compost from local landfills for landscaping: 2 points.

Provide delivery or purchase slip confirmation in the permit sleeve.

Compliance: Inspected with documentation (5: Final).

2.4: Twenty percent or more of fly ash content in over 50 percent of concrete used: 3 points.

Provide receipt from batch plant. Follow guidelines of American Concrete Institute for cure time.

Compliance: Inspected with documentation (1: Foundation).

2.5: Recycled Class 5-6 concrete or asphalt material: 2 points.

This material is [available](#) locally... ~~available from LaFarge, Pitkin County Solid Waste Facility and other yards.~~ Use this material for road base or driveways.

Compliance: Inspected with documentation (5: Final).

2.6: Reclaimed materials: 8 points total; 2 points per material.

Use of construction materials that have been reclaimed from another structure qualify. Materials that are purchased from a reclaimed materials distributor, deconstructed by the owner or applicant from another structure or purchased from a used building materials exchange (RECON in Wolcott, Habitat Store in Gypsum, Resource Yard in Boulder and others) all qualify as reclaimed materials.

Compliance: Inspected with documentation (4: Rough-in).

Material information and documentation must be on the job site for inspection.

2.7: Recycled Content: materials: 8 points total; 2 points per material used.

Some common recycled-content materials include steel studs-I-beams, composite decking, cellulose or shredded cotton batt insulation, recycled-content carpets, counter tops, recycled-content tile. Material must be used for over 50 percent of the use of this type of material in the structure. (Recycled-content roofing and siding not included in these points - See 3.14 and 3.16.)

Compliance: Inspected with documentation (PC and 1-5).

Provide material info with building permit.

2.8: Built-in recycling center: [1](#) point.

Install at least two bins in built-in kitchen recycling center to receive these points. Design recycling center to handle glass, cans, paper and other common recycling items.

Compliance: Inspected (5: Final).

(Ord. No. 8, 2011; prior code 15.30.090; Ord. No. 8, 2015 §1, 8-11-2015)

Sec. 18-11-110. - Section 3, Framing and materials.

The following paragraphs contain points allowed for framing and materials:

OPTIMAL VALUE ENGINEERING

Optimal Value Engineering (OVE) is a technique for minimizing the amount of wood used for framing a structure by only using the amount of wood required for structural integrity and nail backing for wall sheathings and drywall. OVE framing can reduce the amount of time and lumber used in house construction by 25 percent. OVE framing also reduces heat loss by allowing more insulation and reduces drywall cracking by minimizing opportunities for differential movement between the wood and the drywall. Different types of OVE points are outlined below. [See www.apawood.org/advanced-framing](http://www.apawood.org/advanced-framing)

3.1: Use of 24-inch on center studs for over 50 percent of the structure: 3 points.

Framing on 24-inch centers reduces wood use and saves money. Be sure to verify structural requirements.

Compliance: Inspected (2: Framing).

3.2: Insulate corners prior to framing inspection: 2 points.

Insulating corners during construction prevents insulation "voids" often found with box corners. Better yet, use three-stud, turned corners, drywall clips or ladder blocking to facilitate insulation.

Compliance: Inspected with documentation (2: Framing).

Provide photos of insulation if not easily visible.

3.3: All closet headers flat-framed to minimize over-framing: 1 point.

Closets do not require upright 2 x 4 headers; simply frame the rough opening with a 2 x 4 laid flat.

Compliance: Inspected (2: Framing).

3.4: Structural-framing dimensions in two-foot increments: 2 points.

~~b21~~ Most building products come in two-foot increments; building to this dimension minimizes waste. Even dimensions reduce material waste and labor. Exterior dimensions in two-foot increments must be incorporated in 75 percent or more of the building footprint.

Compliance: Plan check and inspected (PC and 2: Framing).

Show exterior dimensions on site and floor plans.

3.5: Single trim windows - no trimmer or jack studs: 1 point.

Use of metal hangers for window headers in lieu of jack studs allows room for more insulation and minimizes thermal bridging.

Compliance: Inspected (2: Framing).

STRUCTURAL ELEMENTS

3.6: Engineered I-Joist used in floors: 2 points; and roofs: 2 points.

Use of engineered wood I-joists, I-studs in place of solid dimensional lumber improves material efficiency. Engineered system must be in place for over 50 percent of the structure. Floors only: 2 points; roof only: 2 points; floors and roofs: 4 points.

Compliance: Inspected (2: Framing).

3.7: Engineered lumber used in structural applications: 2 points.

Use of glue-laminated beams and other engineered alternatives in structural applications must amount to over 75 percent of structural material.

Compliance: Inspected (2: Framing).

3.8: Structural insulated panels or straw bale: 10 points.

SIP panels, a foam core laminated to oriented strand board, or straw bale construction both provide superior R-values and reduced air infiltration than conventional 2 x 6 wall construction. Must be used for over 75 percent of exterior walls.

Compliance: Plan check and inspected (PC, 2: Framing). Show details on plans.

3.9: Pre-cut studs, pre-fabricated roof trusses: 2 to 4 points.

Pre-cut or off-site construction of structures reduces material waste. Use of pre-cut studs (2 points) or roof trusses (2 points). Must be used for over 75 percent of the structure.

Compliance: Inspected (2: Framing).

3.10: Panelized pre-fabricated walls and/or sections: 4-2 to 2-5 points.

Use of panelized or pre-fabricated walls: 4-3 points. Use of prefabricated sections or modular construction for 75 percent or more of home: 4-2 additional points.

Compliance: Inspected (2: Framing).

3.11: Finger-jointed studs or engineered studs for over 50 percent of framing: 3 points.

Use these studs for improved framing efficiency and improved structural integrity.

Compliance: Inspected (2: Framing).

EFFICIENT MATERIALS

3.12: Oriented Strand Board (OSB) in subfloors and/or sheathing: 2 points.

Use OSB for over 50 percent of specified material used in these applications. (See low-toxic OSB Section 4.5 for additional points.)

Compliance: Inspected (2: Framing).

3.13: Materials manufactured within Colorado and/or rapidly renewable: 8 points total; 1 point per material used.

Provide documentation on site for any materials used that are manufactured in-state and/or are considered rapidly renewable. Rapidly renewable materials are building materials needing ten years or less of growth for their harvest. (Bamboo, cellulose, aspen). Concrete not included.

Compliance: Inspected with documentation (4: Rough-in).

3.14: Roofing: 30-year roofing or roofing with more than or equal to 75 percent recycle content: 2 points.

Install roofing with minimum 30-year life or roofing with greater than 75 percent recycle content. Roofs that typically will qualify for 75 percent recycled content include metal and faux shake/slate roofing. Provide cutsheet for roofing with 30-year or recycle content.

Compliance: Inspected with documentation (5: Final).

3.15: Aerated concrete block: 3 points.

This material is light and easy to work with. It is an interlocking block and reduces the use of energy-intensive concrete compared to conventional concrete blocks.

Compliance: Inspected with documentation (2: Framing).

3.16 Fiber-cement, stucco or recycled siding: 1 point.

Install fiber-cement, stucco or recycled content siding for over 50 percent of exterior wall surfaces for 1 point.

Compliance: Inspected with documentation (4: Rough-in).

Cutsheet for recycled material with receipt.

3.17 Insulated Concrete Forms (ICFs) for exterior (above-grade) walls 5 points

Use grid type or post and beam ICFs that use less concrete, with over 50% recycled content for exterior above grade walls.

Compliance: Inspected. (PC and 5:Final).

3.18 Premanufactured Insulated Studs or Headers 2 points

Insulated headers and studs in buildings can be a significant source of heat loss through thermal bridging. Premanufactured headers and studs have built-in insulation to minimize thermal bridging and heat loss.

Compliance: Inspected. (2:Framing).

FSC and/or SFI MATERIAL

Sustainably harvested wood products are certified by the Forest Stewardship Council (FSC and/or the Sustainable Forestry Initiative (SFI)). Material must be used in over 50 percent of the application in the building.

3.19 FSC or SFI harvested lumber for at least 50-75 percent of framing material: 8 points.

3.20 Install FSC or SFI certified trim and/or flooring: 2 points available for each material used, up to 6 points.

3.21 FSC or SFI sustainable certified cabinets: 4 points.

3.22 Install FSC or SFI certified windows/doors or outdoor structures: Total 6 points; 2 points for each application.

Each application is 2 points with a total available of 6 points. For example: windows made with certified wood: 2 points.

Compliance for 3.19-22: Inspected with documentation (2 and 5).

Documentation is required showing certification for each material specified. Make documentation available at framing inspection or final as appropriate.

FOUNDATION ELEMENTS

3.23: Non-solvent-based foundation waterproofing: 3 points.

Use non-solvent-based waterproofing on all walls receiving waterproofing.

Compliance: Inspected with documentation (1: Foundation).

3.24: Insulated Concrete Forms (ICFs): 4 points.

Use grid-type or post and beam ICFs that use less concrete, with over 50 percent recycled content for basement and foundation walls.

Compliance: Inspected (1: Foundation).

3.25: Precast concrete wall foundation system: 2 points.

Precast wall systems reduce the amount of time and energy needed for foundation systems. One type to use is Superior Wall Systems. www.superiorwalls.com.

Compliance: Inspected (1: Foundation).

3.26: Recycled Content Insulated Concrete Forms (ICFs): 2 points.

Recycled Content Insulated Concrete Forms (ICFs) are expanded polystyrene form blocks which are stacked with concrete poured into the internal void. ICFs provide improved insulation and reduced moisture transport over conventional foundation walls. ICFs shown on structural plans.

Compliance: Plan check and inspected (PC, 1: Foundation).

3.27: Frost-protected shallow foundation: 3 points.

Use this design technology for more than 50 percent of the perimeter foundation. Provide details as per the International Residential Code.

Compliance: Plan check and inspected (PC, 1: Foundation).

3.28: ~~Unventilated~~ Conditioned crawlspace: 3 points.

Construct all crawlspaces according to guidelines in ASHRAE Book of Fundamentals, Section 23.11, or the IRC. Insulate walls to code and ventilate with indoor air. Provide details demonstrating an approved design. ~~Floor~~ Earth must be covered with vapor diffusion plastic retarder sealed to walls.

Compliance: Inspected (3: Insulation).

3.29: Controlled ventilated crawlspace: 3 points.

Construct all crawlspaces according to guidelines in ASHRAE Book of Fundamentals ~~guidelines, Section 23.11~~. Provide automatic dampers on crawlspace vents. Provide details demonstrating an approved design. Floor above crawlspace must be insulated at R-21 or above.

Compliance: Plan check and inspected (PC, 3: Insulation).

(Ord. No. 8, 2011; prior code 15.30.100; Ord. No. 8, 2015 §1, 8-11-2015)

Sec. 18-11-120. - Section 4, Indoor air quality chemical reduction.

- (a) The paragraphs contained in this Section contain points allowed for indoor air quality.
- (b) For Sections 4.1 through 4.8, it is required that at least one category be performed.

4.1: Formaldehyde-free and/or low-toxic insulation: 4 points.

Insulation must be labeled as formaldehyde-free or GREENGUARD™ certified at www.greenguard.orgspot.ul.com.

Compliance: Inspected (3: Insulation).

4.2: Low- or zero-VOC and/or low-toxic interior paint: 2 points.

EPA regulations call for no more than 250 gm-L of Volatile Organic Compounds (VOCs) in Low-VOC latex paints and no more than 380 gm-L for Low-VOC oil-based paints/stains. Products must be either labeled "Low VOC" or GREENGUARD™ certified www.greenguard.orgspot.ul.com, or show that VOC levels are below EPA thresholds.

Compliance: Inspected with documentation (5: Final).

4.3: Water-based lacquers and water-based finishes on woodwork: 2 points.

Lacquers and wood finishes can contain toxic compounds. Use water-based products to reduce off-gassing of toxic substances in your home. Check for GREENGUARD™ recommended water-based products www.green-guard.orgspot.ul.com.

Compliance: Inspected with documentation (5: Final).

4.4: Solvent-free and/or low-toxic construction adhesives: 1 points.

Use construction adhesives free of aromatic hydrocarbons or solvents throughout the house. GREENGUARD™ certified adhesives comply with this requirement.

Compliance: Inspected with documentation (2: Framing and 5: Final).

4.5: Low-toxic-oriented strand board: 2 points.

Use low-toxic OSB for 50 percent or more of OSB wherever OSB is specified. GREENGUARD™ certified OSB complies with this requirement.

Compliance: Inspected with documentation (2: Framing).

Documentation from supplier.

4.6: Low- or non-toxic floor coverings: 2 points.

Materials either listed on www.greenguard.orgspot.ul.com [\(or other nationally recognized agency's website\)](#) or show that coverings are below EPA thresholds for low non-toxicity. 1 point per specified material; maximum 2 points.

Compliance: Inspected with documentation (5: Final).

Provide cutsheet with material specification.

4.7: Elimination or sealing of all particleboard inside building shell: 1—2 points.

Provide material specifications for alternatives used; if particle board has been eliminated, for 2 points (i.e., strawboard). If all exposed particleboard is sealed, must be with three coats of low-VOC sealer for 1 point.

Compliance: Inspected with documentation (5: Final).

4.8: All ducts sealed during construction: 1 point.

As the ducts are installed, the duct openings into the interior spaces shall be sealed with plastic or other material to eliminate contamination and dust entering the ducts. Dirt, sawdust and other construction waste can fall into open ductwork during construction. This can be difficult to clean out and lead to dust and mold problems. Cover ducts with cardboard, polyethylene [or other durable material](#) and tape down.

Compliance: Inspected with documentation (3-5: Insulation - Final).

(c) For Sections 4.9 through 4.15, it is required that at least one category be performed.

MECHANICAL SYSTEMS

4.9: Automatic exhaust fan in attached garage, no attached garage or detached garage: 2 points.

Exhaust fumes from vehicles in an attached garage can enter a living space. If an attached garage exists or there is habitable space above a garage, submit specifications on properly sized mechanical exhaust ventilation, running on a timer that automatically turns on when garage door closes. Points also for no attached garage.

Compliance: Inspected (2: Framing).

4.10: Reduce point source pollution: 2 points.

Install exhaust fans at stove and in all bathrooms, including bathrooms with exterior windows.

Compliance: Inspected (2: Framing).

4.11 ENERGY STAR low sone bathroom fans / [bath fan timer](#): 1—3 points.

Install quiet, low sone (less than 1.0) bathroom fans for these points. One point per fan with maximum of 2 points. Reference the ENERGY STAR web site: www.energystar.org. [If all bath fans have timers, add an additional point.](#)

Compliance: Inspected with documentation (5: Final).

Provide fan documentation.

~~4.12: Carbon monoxide detectors: 3 points.~~

~~Install an electric (hard-wired) or AC/DC carbon monoxide detector, located near sleeping areas. Note this is required by Article 13 of this Chapter. Points given for meeting the Code in this category.~~

~~Compliance: Inspected (5: Final).~~

4.12: High-efficiency [particulate air \(HEPA\)](#) filter on HVAC system: 2 points.

Install a high-efficiency filter on a forced-air furnace system. ~~Any High-Efficiency Particulate Air (HEPA) filter must be rated at 99 percent efficiency or higher. MERV 11 minimum. HEPA-Carbon filter systems also count for these points.~~

Compliance: Inspected (5: Final).

~~4.14: Rough-in passive radon mitigation system: 3 points.~~

~~Design and install radon mitigation system that removes radon or other soil gas from under the slab, crawlspace or basement and vent passively per EPA guidelines. More information is available at www.epa.gov/radon and www.buildingscience.com. A passive system will allow for addition of a fan to exhaust radon if needed. A completed system may include an operating fan on the exhaust side to exhaust radon or work passively.~~

~~Compliance: Inspected (2: Framing).~~

4.13: Mechanical room sealed: 1 point.

Mechanical equipment, such as the furnace, boiler and water heater, must be located in a separate room from living spaces. The room should be sealed off with a continuous-air barrier, to minimize air infiltration from the mechanical area to the rest of the house. Room must be fitted with an exterior solid-core door weather-stripped to exterior specifications. (Consider this strategy if not selecting 4.16).

Compliance: Inspected (3: Insulation).

4.14: Furnaces, boilers, gas hot-water heaters sealed combustion/direct vented: 4 to 8 points.

Sealed combustion and directed vented gas appliances reduce the risk of exhaust entering interior habitable areas. 4 points for each gas appliance; limit 8 points total.

Compliance: Inspected (5: Final).

4.15: Mechanical ventilation for fresh air supply (see also Section 5.25): [\(Mandatory\)](#) 2 points.

Design and install a ventilation system that complies with ASHRAE 62.2-2004 [or most currently adopted version](#), "Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings." Total ventilation air (cubic feet per minute or CFM) shall be calculated by the following equation: $CFM = (\text{total number of bedrooms} + 1) \times (7.5 \text{ CFM}) + (0.01 \times \text{total conditioned square feet})$. See also Section 5.27 for alternative method for indoor air quality improvement with air-to-air heat exchanger. If using air-to-air heat exchanger points (Section 5.25), count these points for mechanical ventilation too.

Compliance: Inspected with documentation (PC, 5: Final).

Show calculation on plans at permit submittal.

(Ord. No. 8, 2011; prior code 15.30.110; Ord. No. 8, 2015 §1, 8-11-2015)

Sec. 18-11-130. - Section 5, Energy compliance.

Compliance with the following minimum efficiencies is mandatory, depending on house size. Energy compliance may be determined by either REScheck or HERS rating [in homes less than 2000 sf. Homes less than 2,000 sf have the option of either meeting the HERS requirement or providing REScheck and solar per the chart below. Houses 2000 sf and above must provide solar and HERS rating. All homes must meet the UA requirements of the currently adopted energy code. A written report must be provided to show compliance. The following minimums are required along with the compliance paths. Code refers to currently adopted version of the energy code. Carbondale is in Climate Zone 6.](#)

[Energy Compliance Table](#)

~~.The following minimums are required along with the compliance paths.~~

**Table 5.0 New Construction and Additions
2,000 Square Feet and Over**

Category	Tier 1	Tier 2	Tier 3	Tier 4
House Size (SF)	< <u>32</u> ,000	<u>32</u> ,000— <u>43</u> ,999	<u>54</u> ,000— <u>8,000</u> <u>6,999</u>	>= <u>87</u> ,000
Points <u>(min)</u>	110	110—180	230—330	430—550
<u>HERS (max)</u>	<u>7550 (option)</u>	<u>7040</u>	<u>6535</u>	<u>6030</u>
Percent better than Code	Minimum	20%	30%	40%
<u>PV Requirement (min)</u> <u>(a)(b)(c)(d)</u>	<u>1.5 watts per sf</u> <u>(option)</u> <u>NONE</u>	<u>1.5 watts per</u> <u>sf</u> <u>NONE</u>	<u>1.5 watts per sf</u>	<u>2.0 watts</u> <u>per sf</u>
<u>Boiler/furnace (min).</u> <u>AFUE</u>	<u>87%/88%</u>	<u>88%90%/942%</u>	<u>94%92%/94%</u>	<u>94%/95%</u>
<u>Air conditioning (min).</u> <u>SEER</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>
<u>Heat Pump (min) HSPF</u>	<u>10</u>	<u>10</u>	<u>10</u>	<u>11</u>

- Shading: Houses that do not have access to solar energy, as verified by a third party, approved by the Chief Building Official, can provide the renewables offsite by purchasing renewable energy via a method approved by the town.
- High Performance Houses that provide calculations showing that their overall energy use is less than 3 watts per sf can reduce the size of the renewable systems to meet 25% of their overall electrical needs.
- Fee in lieu of required renewables to be calculated per Section 18.11.70
- For multi-family, the PV requirement is 1.0 watt per sf (min) for all Tiers

REQUIRED ENERGY COMPLIANCE DOCUMENTS

Choose one method from Sections 5.1 through 5.2:

5.1: Compliance with HERS rating per Tier Table: REQUIRED for Homes 2000 sf and over
Submit a projected "From Plans" rating certificate with the building permit application and obtain a "Confirmed" rating certificate at completion. Blower door test as part of HERS rating is required.

A certified Home Energy Rater must complete energy inspections and reports. Complete information, including a list of local rating professionals, is available at www.resnet.us/trade/home-energy-raters-hers-raters or on CORE website..

Compliance: Plan check and inspection (PC, 5: Final inspection).

Submit a projected "From Plans" review by HERS rating at plan check and "confirmed" HERS rating certificate in permit sleeve prior to final inspection.

OR

5.2: Compliance via prescriptive path and PV with REScheck REPORT: REQUIRED.

HERS is not required for homes less than 2,000 sf if the structure meets the Prescriptive Requirements of the currently adopted energy code and the energy compliance table in section 5 of the REBP including the Photovoltaic requirement..

For Tier 1 only, a completed REScheck software report and a copy must be submitted with permit application to demonstrate building compliance with the Town's Energy Code. The current version of the IECC must be selected in the code selection portion of the REScheck software and appropriate climate zone as amended. See IECC adoption. ~~Percent better than the Code required depends on tier as outlined in the Energy Compliance Table above. Homes smaller than Tier 1 need only meet Code and not be any percentage better than the Code.~~ US Department of Energy has the REScheck compliance tool on its web site: [www. energycodes.gov/rescheck/](http://www.energycodes.gov/rescheck/).

Compliance: Plan check and inspection (PC, 5: final).

Include information on plans that shows compliance with prescriptive requirements REScheck report submitted with plan and in inspection container on site.

~~REScheck is not required if the home obtains a HERS rating that is equal to or less than amounts required by Tier as outlined in the Energy Compliance Table above. Homes smaller than Tier 1 must have a HERS rating of 100 or less. Submit a projected "From Plans" rating certificate with the building permit application and obtain a "Confirmed" rating certificate at completion. A blower door test as part of HERS rating is required.~~

~~A certified Home Energy Rater must complete energy inspections and reports. Complete information, including a list of local rating professionals, is available at www.resnet.us/trade/home-energy-raters-hers-raters.~~

~~Compliance: Plan check and inspection (PC, 5: Final inspection).~~

~~Submit a projected "From Plans" review by HERS rating at plan check and "confirmed" HERS rating certificate in permit sleeve prior to final inspection.~~

OR

PERFORMANCE BETTER THAN CODE

5.3: HERS-rated house less than tier requirements. One point per point below tier requirements, maximum of 40 points: 1 to 40 points.

As per Section 5.1, submit HERS "Confirmed" rating certificate showing score less than tier requirements. Complete information, including local rating professionals, is available at www.resnet.us/trade/home-energy-raters-hers-raters.

Receive 1 point for each HERS rating point below tier requirements.

Blower door test as part of HERS rating is required:

Compliance: Inspected (5: Final).

HERS "Confirmed" rating certificate placed in permit sleeve.

[5.4: REScheck report better than tier requirement: 1 to 40 points.](#)

[Depending on the building envelope and mechanical system efficiencies, REScheck may report performance better than the tier requirements. Obtain 1 point for every one percent better than code, to a maximum of 40 points. This option is only available to Tier 1.](#)

[Compliance: Inspected \(5: Final\).](#)

[5.5: Blower door and duct blasting test: 1-6 points. REQUIRED](#)

This requirement is mandatory for all residences.

[Complete a blower door test by a certified professional that accurately shows air changes per hour \(ACH\) @ 50 Pascals. Test results must show ACH of currently adopted IECC Code ~~minimum~~maximum; 1 point for each increment of 0.5 below the currently adopted IECC Code ~~minimum~~maximum, ACH50, up to 6 points.](#)

~~Complete a blower door test by a certified professional that accurately shows air changes per hour (ACH) and pinpoints areas of air infiltration. Test results must show ACH of 0.35 or less. Homes with this result should have fresh air make-up, (see mechanical ventilation, Section 4.17, and air-to-air heat exchangers, Section 5.28). The blower door test shows where the air can enter and exit through holes in the house where more attention is needed.~~

Compliance: Inspection with documentation (5: Final).

Documentation from blower door professional in permit packet prior to final inspection.

EFFICIENT ENVELOPE - INSULATION MEASURES

[5.56: Insulated headers on all exterior walls: 2 points.](#)

All headers on exterior walls shall be insulated to a minimum R-[7](#).

Compliance: Inspected (2: Framing).

[5.67: Raised heel trusses: 4 points.](#)

Raised heel trusses provide roof space at the exterior wall for insulation at a critical place at the exterior wall-roof interface. Minimum raised heel size to receive points is 12 inches. ~~(minimum depth needed for code required R-38 roof insulation)~~. Provide greater raised heel heights as required for ~~insulations above R-38~~[insulation per currently adopted energy code](#). Points in Section 5.9 reflect for raised heel only; see Section 5.10 for points for insulation.

Compliance: Inspected (2: Framing).

5.7.8: Roof-ceiling insulation: 1 to 11 points.

For conventional framing, 1 point given for each R value over currently adopted energy code, over R-49, up to 6 points maximum. For example If code requires R49, and R52 is installed :-R-52= 3 points.

For raised heel trusses, 1 point given for each R value over R-38currently adopted energy code, add insulation up to R-49 for maximum 11 points.

Compliance: Plan check and inspected (PC, 3: Insulation).

Show roof-ceiling insulation on plans.

5.89: Wall cavity insulation: 1 to 8 points.

1 point is given for each R value over 21over currently adopted energy code, up to 8 points maximum. For example, if code requires R-21 and an R-28 wall is installed, 7 points will be given.

Compliance: Plan check and inspected (PC, 3: Insulation).

Show wall insulation in construction plans.

5.91040: Continuous ~~insulation on the~~ exterior insulation : 2-10 points.

Two points given for each R value over currently adopted energy code minimum, up to 10 points maximum.

Exterior insulated sheathing of R-3.5 minimum is installed on 75 percent of the exterior to reduce air infiltration and provide added insulation at framing. Seal sheathing with appropriate tape at seams; this sheathing also provides a water barrier if installed properly under exterior siding.

Compliance: Plan check and inspected (PC, 3: Insulation).

Show wall insulation in construction plans.

5.1011: Crawlspace/basement wall insulation: 2 to 46 points.

For crawlspace and/or basement walls, provide exterior perimeter insulation. Insulation must be continuous for entire wall area below main floor. . Provide detail to account for thermal bridging at transition from basement to upper wall. 2 points for each R5 above currently adopted energy code for a maximum of 4 points

For R-15 insulation, 2 points; for R-19 or higher insulation, 4 points.

Compliance: Plan check and inspected (PC, 3: Insulation).

Show insulation of wall in construction plans.

5.142: Insulation under heated slab: 2 to 3 points.

For heated slabs-on-grade, provide location of insulation of slab in construction drawings: Provide detail to account for thermal bridging at perimeter. For continuous R-10 minimum insulation, 2 points; for continuous R-15 minimum insulation, 3 points.

Compliance: Plan check and inspected (PC, 1: Foundation).

5.1~~23~~: Insulate all hot water pipes at all locations R-~~32~~ or higher: 2 points.

Insulating hot water pipes reduces heat loss through the plumbing system. Closed cell foam or fiberglass pipe insulation must be installed on all hot water pipes at a minimum R-~~32~~ value. Leave clearance space for gas heater exhaust.

Compliance: Inspected (3: Insulation).

~~5.16: Insulate hot water pipes with R-6 in all unconditioned spaces: 2 points.~~

~~Significant heat loss can occur from hot water pipes in crawlspaces or attics. Pipe insulation is a cost-effective way to save energy. These points are in addition to points in Section 5.15.~~

~~Compliance: Plan check and inspected (PC, 1: Foundation).~~

5.1~~34~~: Blown or sprayed insulation: 8 points.

Blown or sprayed insulation reduces air infiltration and offers higher effective R values than batt insulation. Blown insulation must be installed in more than 50 percent of exterior surfaces - attics, ceilings, walls, basements and crawlspaces - to receive points.

Compliance: Inspected (3: Insulation).

5.1~~45~~: Water heater wrapped with R-5 or above: 1 point.

Insulating water heaters reduces heat loss of hot water storage, is simple and inexpensive and offers a rapid return on investment for energy savings. Tankless water heaters are not applicable. All water heaters must be wrapped in order to qualify. Note: some gas water heater manufacturers do not recommend insulating wraps for their water heaters. [follow manufacturers recommendations.](#)

Compliance: Inspected (5: Final).

5.1~~56~~: R-5 Exterior doors: 1 point.

Insulated and sealed exterior doors reduce heat loss.

Compliance: Inspected (4: Rough-in).

5.1~~67~~: No recessed lights in cathedral ceilings: 2 points.

Recessed lighting in exterior ceilings, exposed to outside air, can allow for thermal leakage, both from reduced insulation and air leakage.

Compliance: Inspected (3: Insulation).

MECHANICAL EQUIPMENT - EFFICIENCY MEASURES

5.1~~78~~: Mechanical equipment centrally located: ~~4~~2 points.

Locate mechanical equipment within the middle one-third of the distance of the longest horizontal diagonal.

Compliance: Plan check and inspected (PC).

5.189: Manual J calculations used for sizing mechanical equipment: 3 points. REQUIRED for ~~homes with AC~~ all homes.

This point is mandatory ~~for homes with air conditioning~~ for all homes.

Oversizing mechanical equipment wastes energy as equipment cycles on and off. ACCA Manual J, 8th edition, or most current (or equivalent), shall be used to determine correct size of mechanical equipment.

Compliance: [Final Inspection](#)

Submit calculations with Checklist.

5.1920: Thermostats for each room: 2 points.

To qualify for the 2 points, each enclosed room must have a separate thermostat, not including storage areas, closets, bathrooms, mechanical rooms or nonhabitable space.

Compliance: Inspected (5: Final).

5.291: Programmable thermostats: 1 to 2 points.

Thermostats that automatically change programmed temperature settings to provide night set-back or reduced temperature settings for unoccupied periods must be installed and be functional. Not to be used for radiant in-floor systems. One point for each programmable thermostat installed, maximum 2 points.

Compliance: Inspected (5: Final).

5.212: Efficient Boiler or Furnace: ~~5-1~~ to ~~10-7~~ points.

Install a boiler and/or furnace with a ~~(combined)~~ AFUE rating ~~at or above value in given~~ given in Sec 18-11-130, Table 5 (Energy Efficiency Table) ~~above and receive 1 point per 1% increase in efficiency starting 8% above currently adopted energy code with a maximum of 7 points. of 88 percent for 5 points or, for systems reaching 92 percent efficiency, 10 points is given.~~

Compliance: Inspected (4: Rough-in).

5.23: Radiant floor-hydronic baseboard heating system: ~~2-5~~ points.

Either in-floor radiant heat or baseboard hydronic heat qualifies as long as over ~~50-75~~ percent of the heating needs of the structure are met by hydronic means.

Compliance: Plan check and inspected (PC, 4: Rough-in).

Show system detail on construction plans.

5.24: Side arm hot water heater, indirect coil from a boiler or tankless on-demand water heater for domestic hot water use: 3 points.

Units must have an intermittent ignition device (IID) instead of a standing pilot light to qualify. Tankless hot water heaters may use natural gas or electricity as heating source.

Compliance: Inspected (5: Final).

5.275: Air-to-air heat exchanger: ~~4-1-6~~ points.

An air-to-air heat exchange captures potentially lost warm or cool air while ventilating interior space. 1 point for each single room HRV or ERV (4 max) or 6 for whole house. The heat

exchanger may be used as mechanical ventilation. See Section 4.1⁵, count points for both Sections (5.2⁵² and 4.1⁵).

Compliance: Inspected (5: Final).

DUCTING - AIR CONDITIONING - HVAC

5.2⁸⁶: All ductwork sealed with mastic: REQUIRED.

Delivery of heated or cooled air to where it is needed in a home requires proper sealing of ductwork, use mastic for superior performance. Forced air systems only.

Compliance: Inspected (4: Rough-in).

5.2⁹⁷: All ductwork sealed with low VOC mastic: 2 points.

Compliance: Inspected with documentation (4: Rough-in).

Documentation of Low VOC mastic required.

5.3⁰²⁸: No ductwork in ~~unheated-unconditioned~~ spaces or ductwork insulated to R-8 in unconditioned spaces.

Ductwork insulated to R-8 minimum in unconditioned space: 1 point.

No ductwork in unconditioned spaces: 3 points.

Whenever possible, running ductwork through unconditioned space, especially attics, should be avoided. It creates a potential for heat loss and moisture problems. However, if it is not avoidable, all ductwork should be properly sealed at all joints with mastic and insulated to a minimum R-8.

Compliance: Inspected (4: Rough-in).

5.3⁴²⁹: Fully ducted system: REQUIRED.

If a ducted system is installed, all supply-and-return ducts must be fully ducted. No panned spaces or building spaces can be used or modified to be used as ducts. Install all ducts.

Compliance: Inspected (4: Rough-in).

5.3²⁰: No mechanical air conditioning (A/C) or use evaporative cooling: 5 points.

Due to dry weather patterns and low number of Cooling Degree Days, most houses do not use mechanical air conditioners. Evaporative cooling is an acceptable cooling alternative to mechanical air conditioning and uses ten percent of the electricity used in air conditioning systems.

Compliance: Inspected (4: Rough-in).

5.3²¹: Mechanical air conditioning installed: Minus 4 points.

Through proper design of building aspect, window sizing and placement, overhang shading and insulation, air conditioning systems are unnecessary in this climate. Eliminating the need for air conditioning offers an immediate initial cost savings, as well as reduced operational costs for the life of the structure. Projects installing mechanical air conditioning will receive minus 4 points. Section 5.1⁹ (Manual J Analysis) required.

Compliance: Inspected (5: Final).

5.3~~32~~: Mechanical A/C with rating 2 points higher than required [in Table 5 Energy Compliance Table](#): 2 points.

Since January 2006, minimum SEER is 13 for all A/C systems manufactured in the U.S. Choose a more efficient, higher SEER system for operational savings over the system life time. SEER must be 15 minimum to be applicable for points. Sections 5.~~1920~~ and 5.~~31-29~~ required.

Compliance: Inspected with documentation (5: Final).

Supply AHRI certificate with SEER in the inspection container.

COOLING STRATEGIES

5.3~~34~~: Overhangs: 2 points.

Provide properly sized overhangs for blocking solar gain in the summer on south windows. See Section 6.4.

Compliance: Plan check and inspected (PC, 5: Final).

5.3~~45~~: Reduce heat gain in summer: 2 points.

On east- and west-facing windows, either use windows with a SHGC, Solar Heat Gain Coefficient of .40 or less or install reflective films to reduce heat gain in summer. Reduce the amount of west-facing glass to avoid overheating.

Compliance: Inspected with documentation (4: Rough-in).

Check the NFRC window stickers or see film specs in the inspection container.

5.3~~56~~: Ceiling fans./air destratification system in common rooms: 1 point.

Installation of a ceiling fan or air handling system helps to cool spaces in summer and reduces the accumulation and escape of warm air through the ceiling during the winter.

Compliance: Plan check and inspected (5: Final).

Show units/systems in construction plans.

5.3~~66~~: Installation of whole-house fan natural cooling/ventilation system: 2 points.

Whole-house fan natural cooling and ventilation systems are installed in ceilings and attics to help cool a structure by flushing warm air from inside living space as well as the attic. Such ventilation systems can help reduce or eliminate air conditioning cooling loads. Systems must be installed and operable manually and by automated thermostat. Fans should be sized to produce between four and five air changes per hour (ACH) at maximum speed. For design purposes, use the following formula:

Minimum fan CFMs = Volume of house x 4.5 ACH / 60; where Volume = square footage of house interior times average ceiling height.

Provide an insulated R-19 cover for winter protection.

Compliance: Inspected (5: Final).

[5.37: Reflective Radiant Barrier : 1 point.](#)

[Show and specify a reflective radiant barrier on roof/ceiling insulation plan. Install a reflective radiant barrier on the ceiling or floor of the attic, or under the roof sheathing of a vaulted ceiling.](#)

[Compliance: Inspected. \(2: Framing, 3:Insulation\).](#)

WINDOWS/OTHER

5.38: Insulating window coverings installed: 4 points.

Windows, even high performance models, are still typically the largest point of heat loss in walls. By utilizing insulating window coverings, a window's thermal performance can be doubled or tripled. Window coverings must be properly installed and have a minimum R-3 to qualify. Some common options are duet/cellular shades or quilted shades. Install on 75 percent of windows.

Compliance: Inspected (5: Final). Must be installed.

5.39: Unheated air lock entry: ~~2-4~~ points.

A significant amount of heat loss can occur when an exterior door is opened into a heated space. By incorporating an airlock space with an interior door, creating a space that acts as a vestibule, this heat loss can be minimized.

Compliance: Inspected (5: Final).

[5.40: High Performance Windows: 1-10 points](#)

[Provide window manufacturer specifications with window schedule as part of construction plans. Leave window labels in place until inspected.](#)

[1 point for each .01 that the ~~UV factor~~ factor-U-Value of the window is below currently adopted energy code.](#)

Compliance: Inspected. (3: Insulation).

ELECTRICAL

5.41: ENERGY STAR appliances: 2 to ~~8-10~~ points.

Use any appliances with the EPA's ENERGY STAR logo on them and/or appliances listed on www.energystar.gov website qualify. Units must be installed and operable. Two points per appliance.

Compliance: Inspected (5: Final).

Check for ENERGY STAR labels in appliances.

5.42: Dimmers installed: 1 point.

Install dimmers on four fixtures for 1 point and save energy using the dimmers.

Compliance: Inspected (5: Final).

5.43: House dimming system: 2 points.

Systems for automatic control of lighting can be used for dimming and contain time clock and programming capability for vacation mode. Use the system to save energy and help reduce light pollution in neighborhoods.

Compliance: Inspected (5: Final).

5.44: Occupancy/motion-sensing light switches: 1 to 4 points.

Lighting that operates by occupancy or motion detection saves energy and increases safety. Motion-detection lighting is ideal for exterior uses and interior spaces such as bathrooms, closets and basements. These switches come either as an integrated unit or by a remote motion sensor. 1 point is given for each motion detection switch installed, up to 4 points.

Compliance: Inspected (5: Final).

5.45: LED Efficient lighting: 2-2-4 points.

Minimum of 75% of lighting fixtures are REQUIRED to be high efficacy (LED).

2 pts for > 75% LED, 4 pts for 100% LED

Efficient lighting must be installed in ten percent of fixtures. Install lighting that uses 20 percent or less wattage as incandescent lighting for equivalent lumens. Hard-wired T8s, T5s, LEDs or equivalent comply.

Compliance: Inspected (5: Final).

~~5.47: CFL—compact fluorescents: 1 to 2 points.~~

~~Install CFLs in lighting fixtures, 1 point for every four bulbs installed, maximum of 2 points.~~

~~Compliance: Inspected (5: Final).~~

5.46: Airtight J boxes: 2 points.

Reduce air infiltration through electrical boxes; use air-tight boxes on all exterior walls for improved energy efficiency.

Compliance: Inspected (4: Rough-in).

5.47: Interior lighting light pollution reduction: 53 points.

All openings in the envelope (translucent or transparent) with a direct line of sight to any nonemergency luminaires must have shielding between 9:00 p.m. and 6:00 a.m.

Consider ways to reduce bright light spilling from inside the home into the outside environment to be a good neighbor. Curtains, shades, proper placement of fixtures, light shades and low light levels at night can help reduce light pollution.

Compliance: Inspection (5: Final).

5.48: Electrical Installed in garage: 5 points.

Install 240V electrical in garage for future charging station.

Compliance: Inspection (5: final4:Rough-in))

(Ord. No. 8, 2011; prior code 15.30.120; Ord. No. 8, 2015 §1, 8-11-2015)

Sec. 18-11-140. - Section 6, Solar energy.

The paragraphs contained in this Section contain points allowed for solar energy.

6.0 General Description:

Section 6 should be reviewed with Section 9.1, Size requirement, for renewable energy installation.

6.1 Prerequisite for items 6.3-6.7:

Site should have reasonably unobstructed solar access from the south from 10:00 a.m. to 2:00 p.m. Site plan must show accurate North Arrow.

~~6.2: Rough-in for future solar hot water preheat: REQUIRED.~~

~~Two runs of copper plumbing pipe minimum three-quarters inch, insulated to minimum R-6, must be installed in an interior wall and start in the mechanical room or near the area that will house the storage tank/heat exchanger. The plumbing should terminate in an attic space under the roof that will support the solar collectors, and it shall be above the insulation for easy sighting. If there is not an attic space, the piping shall end after penetrating the roof that will support the collectors. In the mechanical room, identify ten square feet for future preheat tank.~~

~~Compliance: Inspected (4: Rough-in).~~

6.2: Rough-in for future solar electric: REQUIRED.

Tier 1 has option of whether to install PV but is required to rough-in for future solar electric.

Install minimum three-quarter-inch metal conduit from future site for solar electric to service panel or room for utilities.

Compliance: Inspected (4: Rough-in).

6.3: Garage cannot be heated unless offset by solar (see 9.2) REQUIRED

See 9.2

Compliance: Inspected (4:Rough-in).

6.4: Sun-tempered design: 5 points.

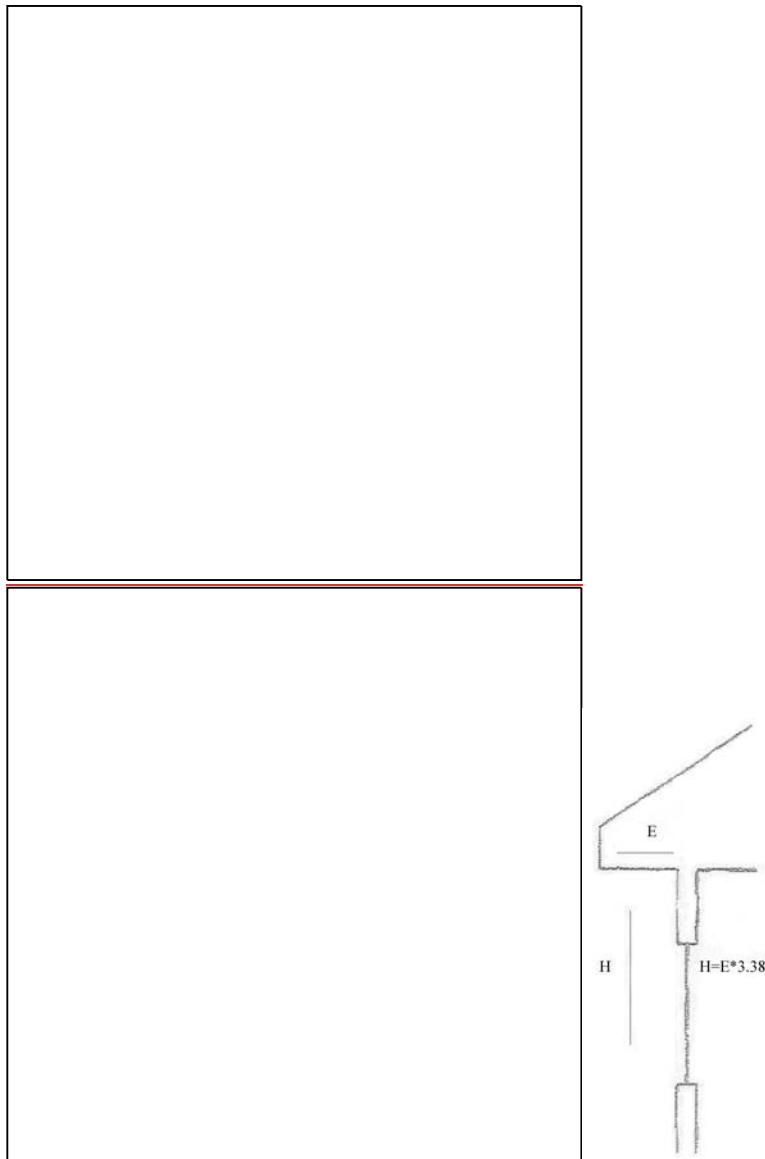
In this climate, ten percent to 15 percent of a home's heating energy can be obtained by moving some of the home's windows to the south side of the house. Install south-facing (at least within 30 degrees of true south) glass, equivalent to six percent to seven percent of total above-grade heated floor area. On plans, show calculation of area of south glass divided by total heated floor area.

Compliance: Plan Check (PC).

6.5: Passive solar design: 5 to 10 points.

Effective passive solar design allows for south-facing solar heat gain and heat storage in thermal mass of the interior during the winter, while properly shading south-facing windows to prevent unwanted heat gain during the summer.

Passive solar design for enhanced performance:



Install south-facing glass equivalent to seven percent to 12 percent or more of total above-grade heated floor area, and provide proper shading according to the figure above, where E = eave width, H = height of bottom of window from the eave, and $H = E \times 3.38$, or conversely, $E = H / 3.38$. Show calculations on the plan. 5 points.

For each square foot of south-facing glass, provide at least thermal mass in interior walls and/or floor reached by the solar gain. Types of thermal mass which qualify include concrete floors, double-layered sheetrock, gypcrete, tile, masonry, CMUs, adobe and stone. 5 points.

Compliance: Plan Check and Inspection (PC, 5: Final).

6.6: Solar hot water system for domestic hot water: 8 points.

Solar hot water system also serves for heating: 4-8 additional points.

Domestic solar hot water:

Install a solar hot water system, which includes rooftop or ground-mounted panel collectors connected to a heat exchanger and/or insulated storage tank for domestic hot water supply. System must have unobstructed solar access. Systems may be active, using solar or electric pumps, or they may utilize a thermal siphon. Collectors must be facing within 20 degrees of true south, and between 30 and 60 degrees from horizontal. See Section 18-11-170 for on-site requirements. System size is dependent on number of bedrooms:

One bedroom - 40 square feet of collectors: 50 gallons storage.

Two bedrooms - 48 square feet of collectors: 60 gallons storage.

Three bedrooms - 64 square feet of collectors: 80 gallons storage.

Four and more bedrooms - 96 square feet of collectors: 120 gallons storage.

Compliance: Inspected (5: Final).

Integrated solar hot water:

Integrated solar hot water system that supplements both radiant floor heat and domestic hot water is worth a total of 12 points.

Install a solar hot water system sized as previous that provides heat for radiant floor heating, as well as domestic hot water. Show system in construction plans and schematics. Distribute solar heat to a heat exchanger and/or insulated storage tank in order to meet part of the winter heating load. Area of solar collectors shall be five percent to seven percent of total heated floor area. No more than 320 square feet of collector shall be installed on a house. The collectors for the solar system must be mounted with a minimum slope from the horizontal of 40 degrees.

Compliance: Inspected (5: Final).

6.7: On-site solar electric or photovoltaic system: 5 to unlimited points.

Obtain 5 points for every one-half Kilowatt (Kw) installed; for example: 2 Kw = 20 points, 4 Kw = 40 points. Partial points offered for systems not reaching the .5 Kw increments. For example: 3.1 Kw = 31 points.

Photovoltaic panels should be mounted within 30 degrees of true south and between 20 and 50 degrees from horizontal to receive full credit for Kw capacity.

Systems with designs that are not within the orientation parameters must show efficiency of system more than 70 percent as per the "solar orientation chart." The solar orientation chart is in the appropriate section in the [Resource Guide REBP Checklist](#). These systems can receive partial credit, but the Kw capacity must be adjusted for efficiency. For example: nameplate 4 Kw x 75% efficiency equals 3 Kw.

The system must have unobstructed solar access. The applicant must submit plans from a qualified architect, engineer or COSEIA certified designer, certifying the Kw capacity and proper system design. Proper protection as per code and prevention of electric islanding must be in place in the event of a power outage.

Compliance: Inspected with documentation (5: Final).

(Ord. No. 8, 2011; prior code 15.30.130; Ord. No. 8, 2015 §1, 8-11-2015)

Sec. 18-11-150. - Section 7, Innovation points.

The paragraphs contained in this Section contain points allowed for innovation.

7.1: Innovation points: 1 to 20 points.

Innovative product use and/or design will be given points on a case-by-case basis. The item must specifically meet the intent of the REBP code as stated at the beginning of this Article, and points will be scaled as the item would apply to similar comparable sections in the Code. Criteria for points granted will be made available.

Some options eligible for innovation points may include but are not limited to:

[Energy modeling, Indoor Air Plus, DOE Net Zero Energy Ready, American Lung Association-certified home](#), modulating or sequential-staged boilers, sun rooms, net-zero energy home, pervious materials in hardscape areas, ~~trombe~~ [Trombe](#) wall-/interior thermal massing systems, evapo-transpiration watering system.

7.2: Ground source heat pump (~~geothermal~~) system [or Cold Climate Air Source Heat Pump](#) : 20 points.

Ground source heat pumps utilize glycol loop systems drilled into the ground to heat or cool a structure. The system also provides hot water for home. Minimum COP as per AHRI guidelines must be minimum 3.3. [Air Source Heat Pump must be designed for cold climate](#). System design must cover the heat load of the residence. [. Cannot take points for both 7.2 and 7.3.](#)

Compliance: Inspected with documentation (4: Rough-in).

AHRI Certificate required.

[7.3: No Natural Gas or propane on site : 25 points](#)

[All heating equipment to be heat pump or other high efficiency system. Cannot take points for both 7.2 and 7.3.](#)

[Compliance: Inspected with documentation \(4: Rough-in\)](#)

AHRI Certificate required

7.4: Deconstruction/reuse of materials: 1 to 10 points.

In cases of scrape-offs or remodels, deconstruction of structures should be considered. Materials can be donated or sold to organizations such as Habitat for Humanity or commercial building resellers for reuse or sale. The number of points is dependent on the amount of deconstruction material donated. Donated/reused value of \$5,000.00 equals 10 points.

Compliance: Inspection with documentation (4: Rough-in). Provide value receipt from donation or sale.

7.5: Deconstruction/grinding/recycling: 5 points.

In cases of scrape-offs or remodels, deconstruction or grinding of waste should be considered. The number of trips to the landfill can be significantly reduced and wood waste can be recycled for use as compost material at either South Canyon or Pitkin County. Other materials such as metals can also be recycled.

Compliance: Inspection with documentation (4: Rough-in). Provide receipt for recycling and/or grinding operation.

7.6: ~~Approved EPA wood stove or pellet stove~~High efficiency wood stove: 2 points.

Specify stove make and model number on plans. Stove may generate no more than 2.0 grams/hour of particulate and must exceed 75% efficiency as determined by EPA (New Source Performance Standard for New Residential Wood Heaters) test methods using Low-Heat Value protocol. Provide EPA "Temporary Label", manufacturer's (IRS) certification statement, or other-26 documentation at plan review. Installation must conform to manufacturer's recommendations at final inspection.

Compliance: Plan check and inspection (PC, 5:Final)

7.7: Donate surplus materials: 1-3 points.

1 point per trailer load (maximum 3)

Compliance: Inspection with documentation (4: ~~Rough-in~~5: Final). Provide receipt for donation.

Wood and pellet stoves are considered a carbon-neutral energy source. Only one stove per dwelling unit is permitted and a separate permit must be requested from the Building Department prior to installation (see Section 18-11-40). Houses or units with this type of heating for primary or supplemental heating require HERS rating of 80 or less. Test results must be submitted prior to permit approval for stove installation. Permissible solid fuel-burning devices may emit no more than (a) 2.5 grams of exhaust per hour for catalytic stoves, or (b) 4.0 grams of exhaust per hour for non-catalytic stoves, and be on the EPA list of approved devices. All solid fuel-burning devices must incorporate exterior combustion air ventilation that complies with

~~Section 703 of the International Mechanical Code (IMC), as adopted in Article 5 of this Chapter. Ducting for solid fuel-burning devices must be fitted with backdraft dampers. All applications for solid fuel-burning devices shall reflect the applicant's compliance with the foregoing requirements.~~

~~Pellet stoves utilize a salvage/recycled renewable fuel source, are clean-burning, cost-effective and more energy-efficient than regular wood-burning stoves.~~

~~Compliance: Plan check and inspection (PC, 5: Final).~~

(Ord. No. 8, 2011; prior code 15.30.140; Ord. No. 8, 2015 §1, 8-11-2015)

Sec. 18-11-160. - Section 8, Alternative - cash in lieu of points.

The paragraphs contained in this Section contain points allowed for cash in lieu of points.

8.1: Cash in lieu: Maximum of 25 percent of required points.

Projects may pay a fee instead of scoring points. The maximum amount of points per checklist is 25 percent of total required points. Fees are calculated using the Checklist. In general, the fee structure for points increases with increasing house size. ~~Some examples~~The range of maximum points and cost for maximum points and cost per point are shown below. Please refer to the Checklist for actual point cost for your specific project based on checklist input.

<u>Tier</u>	Total Sq. Ft.	Max Max-Point Range <u>Points Allowed</u> for Cash in Lieu	Cost per Point Range <u>Fee</u>
<u>1</u>	<u>≤32,000</u>	27	\$250.00
<u>2</u>	<u>2001-54,0003999</u>	<u>57-27-45</u>	<u>\$250.81-\$333.33304.56</u>
<u>3</u>	<u>4000-69997,000</u>	<u>74-57-82</u>	<u>500.00\$304.60- \$520.20</u>
<u>4</u>	<u>10,0007000-10000</u>	<u>116-107-137</u>	<u>\$520.30-\$869.56898.00</u>

(Ord. No. 8, 2011; prior code 15.30.150; Ord. No. 8, 2015 §1, 8-11-2015)

Sec. 18-11-170. - Section 9, Onsite renewable energy and exterior use requirements, offsite solar option and fees in lieu of same.

The paragraphs contained in this Section contain points allowed for renewable energy and fees in lieu thereof.

9.1: Requirements for renewable energy ~~systems~~installation:

~~All residential construction- 2000 sf and over (including additions and multi-family projects over 2000 sf and over in aggregate Conditioned Floor Area (CFA)). Residential construction with total square footage over 5,000 square feet,~~ as defined in Section 18-11-80 of this Article, ~~is are~~ required to install a ~~small~~ renewable energy system on site, ~~participate in a qualified offsite solar energy program~~ or pay a fee. Options for compliance are as follows:

Install solar electric system for houses ~~and additions over 25,000 square feet~~ and over; or

~~Install other system exceeding this performance; or~~

Houses that do not have access to solar energy, as verified by a third party, approved by the Chief Building Official, can provide the renewables offsite by purchasing renewable energy via a method approved by the town.

~~Participate in an approved Off-site Solar Energy Program including:~~

~~The off-site solar energy facility must be permanently situated within the 81623 zip code or within a five-mile radius of the Town; and~~

~~The applicant must contract for at least the same amount of solar energy from the off-site facility that would be required for an on-site system; and~~

~~The off-site solar energy facility must be permanently attached to the property and subject to a binding agreement between the Town and the provider (provided that said agreement may allow the escrow of funds to guarantee completion of the facility and to purchase renewable energy from an alternate source for up to 12 months, after which period said funds must be applied toward development of onsite facilities in accord with this Section); or~~

Pay a fee in lieu of renewable energy development to the Town of Carbondale.

Houses that do not have access to solar energy, as verified by a third party, approved by the Chief Building Official, can provide the renewables offsite by purchasing renewable energy via a method approved by the town.

The solar electric system, off-site solar energy requirement or fee-in-lieu payment is applied as per the REBP Checklist calculations. If the applicant cannot use the electronic version of the Checklist, the size of the solar electric system option or fee can be interpolated from the examples below. The fee structure and on-site renewable energy options are graduated. The Fee Option is calculated at \$5.00 per required watt of PV. Some examples of fees or solar options are as follows:

Size Sq. Ft.	Solar Energy Requirement (on-site or off-site)	Fee Option
<u>2,000</u>	<u>3.0 Kw solar electric</u>	<u>\$15,000.00</u>

3,000	4.5 Kw solar electric	\$22,500.00
55 ,000	7.5 Kw solar electric	\$ 37,500.00
7,500	11.5 Kw solar electric	56,250.00
10,000	20 Kw solar electric	100,000.00

[Multi-family projects over 2,000 sf in aggregate Conditioned Floor Area \(CFA\) are required to provide 1.0 watts per square foot of Photovoltaic equivalent or pay a fee in lieu. For example, a 3000 aggregate CFA project would require 3.0 KW solar electric or pay a fee of \\$15,000.](#)

Two Panel Solar thermal systems may be substituted for 2.7 Kw of PV requirement.

The solar systems installed on-site for house size requirements will also count towards points required for REBP Checklist.

Compliance: Plan check (PC).

9.2: Exterior uses of energy.

This Code considers exterior energy uses over a nominal amount as identified below. In order to offset the exterior use of energy, the use must be mitigated with renewable energy on-site or the applicant has an option to pay a fee. Fees are based on average Btus required for such amenities over a 20-year period in this climate. Fees are exempted if renewable energy systems are installed on-site which generate the equivalent of 50 percent of the energy needed for the use. On-site system design and calculations required. Designs must be approved by the [Planning Department](#) [Town of Carbondale](#), in consultation with the Community Office for Resource Efficiency (CORE), until standards are developed and adapted to the REBP Checklist.

Exterior energy fees would apply exclusively to residential projects as follows:

Energy Use	Btu per Sq. Ft. per Year	"Free Allowed Sq. Ft." per Unit	Fee per Sq. Ft. Above "Free Allowed"
Snowmelt	81,800	None	\$ 33.00
Small Spa	430,000	64	176.00

Pool	332,000	None	136.00
Heated Garage	19,500	None	8.00

Maximum amount of allowable exterior energy used is 240,000,000 Btu or purchased is \$100,000.00.

All calculations must be submitted at time of permit. On-site renewable energy systems installed for exterior energy do not count towards required point total.

Compliance: Plan Check (PC).

(Ord. No. 8, 2011; Ord. No. 9, 2012 §1; prior code 15.30.160; Ord. No. 8, 2015 §1, 8-11-2015)

Sec. 18-11-180. - Carbondale Residential Efficient Building Program [Checklist](#).

- (a) The Building Department shall maintain and periodically update a Residential Efficient Building Program (REBP) Checklist consistent with this Article.
- (b) The REBP Checklist can be downloaded from the Town's website with Summary Page to assist in compliance with Sections 8 and 9 (Sections 18-11-160 and 18-11-170 of this Article).

(Ord. No. 8, 2011; prior code 15.30.170; Ord. No. 8, 2015 §1, 8-11-2015)

LEGEND						
POSSIBLE POINTS						
P = Prerequisite - These measures must be achieved for the subsequent points to be earned.						
TIME OF VERIFICATION						
D = Documentation must be supplied at the time of verification to support the point scored for this Code Section.						
PC = Plan Check - Item is verified at the time the plans are reviewed for code compliance prior to issuance of permit.						
1 = Foundation Inspection						
2 = Framing Inspection						
3 = Insulation Inspection						
4 = Rough-in Inspection						
5 = Final Inspection						
NOTE!						
Please read the REBP Guidelines prior to completing the Checklist. The REBP Guidelines serve as the official code document for this program.						
QUANTITY / CHECK	SCORE	POSSIBLE POINTS	CODE SECTION	CODE DESCRIPTION	TIME OF VERIFICATION	VERIFICATION SIGN-OFF & DATE
1.0 SITE/WATER CONSERVATION						
		2	1.1	Construction plan does not impact site 15 feet outside building footprint.	PC,1	
		2	1.2	100% of topsoil saved and reused on site.	1	
		2	1.3	Save and reuse all excavated fill on site.	D,1	
		1		Save and reuse all excavated fill off site within 3 mile radius of the site.		
		8	1.4	House size less than national average.	PC	
		1	1.5	Erosion controls during construction.	1	
		1	1.6	Planting deciduous trees/ large shrubs to provide summer shade on west side of structure.	PC	
Xeriscape Landscaping						
		1	1.7	Addition of organic material to soil or use 2" of mulch/ bark on all planting beds.	D,5	
		3	1.8	Turf limited - 25% of landscaped area or 2,000 sq. ft. which ever is less.	PC,5	
		3	1.9	Xeriscape.	PC,5	
		1	1.10	Provide education on low water plants and list of Xericape plants.	D,5	
Irrigation System						
		2	1.11	Non-potable water and/or storm water (as allowed by law) used for irrigation.	D,5	
		2	1.12	At least 50% of landscaped area has a drip irrigation system.	D,5	
		2	1.13	Zoned irrigation system.	D,5	
REQUIRED			1.14	Timer/controller installed to activate zoned valves for irrigation at night.	D,5	
		2	1.15	Rain sensor installed on irrigation system.	D,5	
Food Production						
		4	1.16	On-site greenhouse ≥ 30 sq. ft.	PC,5	
		1	1.17	Edible landscaping.	5	
Water Conservation						
		1-4	1.18	High efficiency dual flush toilets. (2 points per toilet)	D,5	
				High efficiency < 1.4 gpm toilets. (1 point per toilet)		
		1-2	1.19	Low flow shower heads < 2gpm & no more than one spray head per shower. (1 point per head, 2 max).	D,5	
		1-2	1.20	Low flow faucets < 1.5gpm (1 point per faucet, 2 max).	D,5	
		1	1.21	Hot water recirculating pump with temperature sensor/timer.	D,4	
	####	49	Sub Total			
2.0 RECYCLING AND REUSE						
		2-8	2.1	Recycled Materials. (2 points per material)	1-5	
		2		Wood		
		2		Metal		
		2		Cardboard		
		2		Concrete		
		4	2.2	Use of beetle kill pine/spruce wood for structural applications.	D,2,5	
		1		Use of beetle kill pine/spruce wood for Non-structural applications.		
		2	2.3	Use of compost, from local landfills, for landscaping.	D,5	
		3	2.4	20% or more fly ash content in over 50% of concrete used.	D,1	
		2	2.5	Use recycled concrete or asphalt - Class 5-6 locally available.	D,5	
		2-8	2.6	Reclaimed content material used. (2 points per material)	D,4	
		2		Material:		
		2		Material:		
		2		Material:		
		2		Material:		
		2-8	2.7	Recycled content material used. (2 points per material)	D,PC 1-5	
		2		Material:		
		2		Material:		
		2		Material:		
		2		Material:		
		1	2.8	Built-in kitchen recycling center to include two or more bins.	5	
		37	Sub Total			

NOTE!						
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QUANTITY / CHECK	SCORE	POSSIBLE POINTS	CODE SECTION	CODE DESCRIPTION	TIME OF VERIFICATION	VERIFICATION SIGN-OFF & DATE
3.0 FRAMING & MATERIALS						
Optimal Value Engineering (OVE)						
		3	3.1	24" O.C. studs for over 50% of the structure.	2	
		2	3.2	Insulated Corners.	D,2	
		1	3.3	All closet headers flat framed.	2	
		2	3.4	Building dimensions at 2 feet increments for 75% of footprint.	PC,2	
		1	3.5	Single trim windows.	2	
Structural Elements						
		2	3.6	Engineered I-joists used in floors.	2	
		2		Engineered I-joists used in roofs.		
		2	3.7	Engineered lumber used for structural applications, ≥ 75% structural material.	2	
		10	3.8	Straw bale or Structural Insulated Panels (SIP's) used for exterior walls.	PC,2	
		2	3.9	Pre-cut studs.	2	
		2		Pre-fabricated trusses.		
		3	3.10	Panelized or pre-fabricated walls.	2	
		2		Prefabricated sections or modular construction for ≥ 75% of home.		
		3	3.11	Finger-jointed studs or engineered studs for more than 50% of wall framing.	2	
Efficient Materials						
		2	3.12	Oriented Strand Board in sub floors and/ or sheathing for at least 50% of materials used.	2	
		1-8	3.13	Materials manufactured in Colorado or rapidly renewable content. (1 point per material)	D,4	
		1		Material:		
		1		Material:		
		1		Material:		
		1		Material:		
		1		Material:		
		1		Material:		
		1		Material:		
		2	3.14	30 year roofing material or > 75% recycled roofing.	D,5	
		3	3.15	Aerated Concrete Blocks.	D,2	
		1	3.16	Fiber Cement, Stucco or Recycled Siding used for on over 50% of wall surfaces.	D,4	
		5	3.17	Insulated Concrete Forms (ICF's) for exterior (above grade) walls	D,5	
		2	3.18	Premanufactured Insulated Headers	D,2	
FSC and/or SFI Certified Material						
		8	3.19	FSC and/or SFI harvested lumber for at least 75% of framing material.	D,2,5	
		2-6	3.20	FSC and/or SFI certified trim and/or flooring. (2 points per application)	D,2,5	
		2		Trim		
		2		Flooring		
		2		Other		
		4	3.21	FSC and/or SFI certified cabinets.	D,2,5	
		2-6	3.22	FSC and/or SFI certified. (2 points per application)	D,2,5	
		2		Windows		
		2		Doors		
		2		Outdoor Structures		
Foundation Elements						
		3	3.23	Non-solvent based foundation waterproofing on 100% of foundation walls.	D,1	
		4	3.24	Insulated Concrete Forms (ICF's) for crawl space and/ or basement.	1	
		2	3.25	Pre-cast concrete wall foundation system.	1	
		2	3.26	Recycled-content Insulated Concrete Forms (ICF's) used.	PC,1	
		3	3.27	Frost-protected shallow foundation for ≥ 50% or the perimeter.	PC,1	
		3	3.28	Conditioned Crawl Space.	3	
		3	3.29	Controlled ventilated crawl space.	PC<3	
		101	Sub Total			

NOTE!						
Please read the REBP Guidelines prior to completing the Checklist. The REBP Guidelines serve as the official code document for this program.						
QUANTITY / CHECK	SCORE	POSSIBLE POINTS	CODE SECTION	CODE DESCRIPTION	TIME OF VERIFICATION	VERIFICATION SIGN-OFF & DATE
4.0 INDOOR AIR QUALITY						
Chemical Reduction (Choose at Least One)						
		4	4.1	Formaldehyde-free or low-toxic insulation.	3	
		2	4.2	Low or zero VOC and/or low-toxic interior paint.	D,5	
		2	4.3	Water based lacquers and water based finishes on woodwork.	D,5	
		1	4.4	Solvent-free and/or low-toxic construction adhesives.	D,2,5	
		2	4.5	Low-toxic Oriented Strand Board (OSB) for at least 50% of OSB used.	D,2	
		2	4.6	Low or non toxic floor coverings.	D,5	
		2	4.7	Elimination of all particle board inside envelope of house	D,5	
		1		All particleboard sealed.		
		1	4.8	Ducts sealed off during construction.	D,3-5	
Mechanical Systems (Choose at Least One)						
		2	4.9	No attached garage or exhaust fan to exterior on automatic timer in attached garage.	2	
		2	4.10	Reduce point source pollution - exhaust range hood & bathroom fans to exterior.	2	
		1-3	4.11	ENERGY STAR® quiet exhaust fans, less than 1.0 Sone./ fan timer (1 point per fan, plus one point if all on	D,5	
		2	4.12	High Efficiency Particulate Air (HEPA) filter in air handler or HEPA - Carbon filter system.	5	
		1	4.13	Sealed mechanical room - No free exchange of air between house and boiler room.	3	
		4	4.14	Sealed combustion gas boiler/furnace(s).	5	
		4		Sealed combustion gas hot water heater(s).		
		2	4.15	Mechanical Ventilation for fresh air supply for sizing required see code document.	D,PC,5	
		36	Sub Total			
5.0 ENERGY COMPLIANCE						
Energy Performance (Select One Method - Required)						
	####	R	5.1	HERS Rating per Tier table (option for Tier 1, required for Tiers 2-4)	PC,5	
	####	R	5.2	Prescriptive path and PV with RESCheck (option for Tier 1 only)	PC,5	
Performance Better Than Code						
		1-40	5.3	HERS rating less than tier requirements. (1 point for each point below tier requirement)	PC	
		1-40	5.4	RESCheck rating better than code (1 pt for each %). Option only for Tier 1	5	
		1-6/R	5.5	Blower door test - 1 point for each increment of 0.5 below currently adopted IECC Code minimum , ACH50, up to 6 pts.	D,5	
Efficient Envelope - Insulation Measures						
		2	5.6	Insulated headers, R-10 min., installed on all exterior walls.	2	
		4	5.7	Raised heel trusses with a 12 inch minimum heel.	2	
		1-11	5.8	Roof/ceiling insulation (1 point for each R-value above currently adopted energy code)	PC,3	
		1-8	5.9	Wall cavity insulation. (1 point for each R-value above currently adopted energy code)	PC,3	
		2-10	5.10	Continuous exterior insulation (1 point for each total R-value over currently adopted energy code minimum, up to 10 points)	PC,3	
		2-4	5.11	Crawl space, basement walls, exterior perimeter insulation value.(2 points for each R5 above currently adopted energy code, 4 max)	PC,3	
		2-3	5.12	Heated slab insulation. (R-10 = 2 points & R-15 =3 points)	PC,1	
		2	5.13	All hot water pipes to all locations wrapped with R-3 insulation.	3	
		8	5.14	Blown or spray insulation for ≥ 50% of all insulation.	3	
		1	5.15	Water heater wrapped with ≥ R-5 insulation.	5	
		1	5.16	R-5 insulated exterior doors.	4	
		2	5.17	No recessed lights in cathedral ceilings exposed to outside air.	3	
Mechanical Equipment - Efficiency Measures						
		2	5.18	Mechanical equipment centrally located.	PC,4	
		3/R	5.19	ACCA Manual J 8th edition (or most current) used for sizing mechanical equipment.	5	
		2	5.20	Thermostats in each habitable room, except bathrooms.	5	
		1-2	5.21	Programmable thermostats, except for radiant systems. (1 point for each)	5	
		1-10	5.22	Efficient boiler or furnace (1 point per AFUE rating ≥ starting at 8% above currently adopted energy code mi	4	
		5	5.23	Radiant floor and/or hydronic for ≥ 75% of the spaces.	PC,4	
		3	5.24	Side arm hot water heater or tankless hot water heater.	5	
		1-6	5.25	Air to air heat exchanger HRV or ERV. 1 point each single room HRV (4 max). 6 for whole house	5	

NOTE!						
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QUANTITY / CHECK	SCORE	POSSIBLE POINTS	CODE SECTION	CODE DESCRIPTION	TIME OF VERIFICATION	VERIFICATION SIGN-OFF & DATE
5.0 ENERGY COMPLIANCE CONTINUED						
Ducting/ Air-Conditioning/ HVAC						
REQUIRED		5.26		Seal all ductwork with mastic.	4	
		2	5.27	All ductwork sealed with low VOC mastic.	D,4	
		1	5.28	Duct work insulated to minimum R-8 in unconditioned spaces.	4	
		3		No ductwork in unconditioned spaces.		
REQUIRED		5.29		If ducted system: No panned joist spaces or building spaces used for return air; fully ducted system.	4	
		5	5.30	Use of a evaporative cooling system - No air conditioning (A/C).	4	
		-4	5.31	Mechanical air conditioning (A/C) installed.	5	
		2	5.32	Mechanical A/C with a 18 SEER or greater.	D,5	
Cooling Strategies						
		2	5.33	Overhangs to block summer sun.	PC,5	
		2	5.34	Reduce solar heat gain through windows in summer.	D,4	
		1	5.35	Ceiling fans or air destratification system(s) in common rooms.	PC,5	
		2	5.36	Installation of whole house fan, with R-19 seasonal cover, for ventilation and cooling.	5	
		1	5.37	Reflective Radiant Barrier	5	
Windows/Other						
		4	5.38	Insulating window coverings installed on ≥ 75% of all exterior windows.	5	
		46+	5.39	Unheated Entry Airlock.	5	
		1-10	5.40	High Performance Windows: 1 point for each .01 UV factor below currently adopted energy code maximum	5	
Electrical						
		2-10	5.41	ENERGY STAR® appliances. (2 point for each appliance)	5	
		2		Appliance:		
		2		Appliance:		
		2		Appliance:		
		2		Appliance:		
		2		Appliance:		
		1	5.42	Dimmers on fixtures - Required to have a minum of four dimmers installed.	5	
		2	5.43	House dimming system with time clock and vacation modes.	5	
		1-4	5.44	Occupancy sensing light switches for exterior and/or interior lighting. (1 point each for use)	5	
		2-4	5.45	Efficient Lighting 2 points for > 75% LED bulbs, 4 points for 100% LED	5	
		2	5.46	Airtight J boxes for all exterior walls.	4	
		5	5.47	Interior lighting light polution reduction	5	
		5	5.48	Install 240 electric in garage for future charging station	5	
		####	Sub Total			
6.0 SOLAR ENERGY						
	0	P	6.1	Solar access is unimpeded from 10-2 PM through-out the year for items 6.2-6.7	PC	
REQUIRED			6.2	Rough in for future solar electric - 3/4" metal conduit - Applies only to Tier 1. All other Tiers required PV	PC	
REQUIRED			6.3	Garage cannot be heated unless offset by Solar (see 9.2)	4	
		5	6.4	Sun tempered design.	PC	
		5-10	6.5	Passive solar design.		
		5		South glass 7 to 12% of floor area and properly sized overhangs	PC	
		5		Addition to above - adding internal thermal mass to southerly solar gain.	5	
		8	6.6	Solar hot water heating system for domestic hot water.	5	
		8		Solar hot water heating system for space heat.		
		5+	6.7	On-site solar electric or photovoltaic (1 point for each 0.1 KW installed on site).	D,5	
		46+	Sub Total			
7.0 INNOVATION POINTS						
		1-20	7.1	Innovative product or design points.	PC	
		20	7.2	Ground source or air heat pump to cover at least 100% of cooling or 50% of heating load - COP of ≥ 3.3 AHRI (can't take pts for both 7.2 and 7.3)	D,4	
		25	7.3	No natural gas or propane on site. All heating equip to be heat pump of other high efficiency system	D,4	
		1-10	7.4	Deconstruction/ reuse of materials. (1 point for every \$500.00)	D,4	
		5	7.5	Deconstruction/grinding/recycling	PC,5	
		2	7.6	High efficiency wood stove (rated for ≤ 2.0 grams/hr of particulate; 75% efficiency	PC,5	
		1-3	7.7	Donate surplus materials (1 pt per trailer load; 3 max)	D,4	
		70	Sub Total			

CALCULATIONS FOR PERMIT APPLICATION

TOTAL POINTS SCORED

257

TOTAL POINTS REQUIRED

#VALUE!

TOTAL POINTS SCORED

8.1 CASH IN LIEU OF POINTS

	POINTS	ASSOCIATED FEE	FEE/ POINT
MAXIMUM NUMBER OF POINTS PERMITTED:	64	\$ 25,420.80	\$ 397.20
NUMBER OF POINTS SHORT:	#VALUE!	\$ 7,472.00	\$ 397.20
NUMBER OF POINTS REQUESTED:		\$ -	\$ -

You will need to add more items to your check list to score the TOTAL POINTS REQUIRED as shown above!

☐

APPLY ALTERNATIVE POINTS AND PAY THE REQUIRED FEE CALCULATED ABOVE

Applied Alternative Points Fee:

\$

-

9.1 SIZE REQUIREMENTS FOR RENEWABLE ENERGY INSTALLATION

Your building has a REBP square footage of 5824 sq. ft. which requires you to install a small renewable energy system on site or pay a fee.

Enter the efficiency from the Solar Orientation Chart:

90%

SELECT OPTION(S) BELOW.

☐

INSTALL TWO SOLAR HOT WATER PANELS FOR DOMESTIC HOT WATER

☐

INSTALL A SOLAR ELECTRIC (PV) SYSTEM; MIN SIZE TO AVOID FEE: 8.736 kW

☐

INSTALL AN ALTERNATIVE SYSTEM TO MEET THE INTENT OF THIS SECTION

☐

OR OPTION TO PAY FEE:

\$43,680.00

To avoid a fee with PV, please install another 8.736 kW!

Optional On-Site Renewable Energy Fee:

\$43,680.00

9.2 EXTERIOR USE OF ENERGY

APPLICATION	SIZE (sq.ft.)	ENERGY (MBH/yr)	FEE
SNOWMELT:		0.00	\$0.00
SMALL SPA:		0.00	\$0.00
POOL:		0.00	\$0.00
HEATED GARAGE:		0.00	\$0.00
TOTAL:		0.00	\$0.00

☐

INSTALL ON-SITE RENEWABLE INSTEAD OF FEE - SEE COMMUNITY DEVELOPMENT

TOTAL FEES AND INSTALLATION SUMMARY

TOTAL REBP FEE:

#VALUE!

Signature:

Name & Date:

Check #:

NOTE: Signature indicates the applicant will comply with stated requirements.

Table 1. Orientation Adjustment Factor Tab**Collector Tilt, Degrees From Horizontal**

Collector Degrees From TRUE South		0	10	20	30	40	50
	0	87.0%	93.2%	97.6%	99.9%	100.0%	98.0%
	10	87.0%	93.1%	97.4%	99.7%	99.8%	97.7%
	20	87.0%	92.8%	96.9%	99.0%	99.1%	97.1%
	30	87.0%	92.4%	96.1%	98.0%	97.9%	95.9%
	40	87.0%	91.8%	95.0%	96.6%	96.4%	94.3%
	50	87.0%	91.0%	93.7%	94.8%	94.3%	92.2%
	60	87.0%	90.0%	92.0%	92.7%	91.9%	89.6%
	70	87.0%	89.0%	90.1%	90.2%	89.0%	86.6%
	80	87.0%	87.9%	88.1%	87.4%	85.7%	83.0%
	90	87.0%	86.7%	85.8%	84.3%	82.1%	79.1%

Note: Interpolate for collector tilt and degrees between those listed.

le

60	70	80	90
93.9%	87.8%	80.0%	70.7%
93.6%	87.6%	79.9%	70.7%
93.0%	87.1%	79.6%	70.7%
92.0%	86.2%	79.0%	70.5%
90.5%	85.0%	78.1%	70.0%
88.5%	83.2%	76.7%	69.1%
86.0%	80.9%	74.7%	67.6%
82.9%	78.1%	72.2%	65.5%
79.3%	74.6%	69.1%	62.8%
75.2%	70.6%	65.3%	59.5%

listed on the table

NOTE!						
Please read the REBP Guidelines prior to completing the Checklist. The REBP Guidelines serve as the official code document for this program.						
QUANTITY / CHECK	SCORE	POSSIBLE POINTS	CODE SECTION	CODE DESCRIPTION	TIME OF VERIFICATION	RECOMMEND
5.0 ENERGY COMPLIANCE CONTINUED						
Ducting/ Air-Conditioning/ HVAC						
			REQUIRED	5.26 Seal all ductwork with mastic.	4	
		2	5.27	All ductwork sealed with low VOC mastic.	D,4	
		1	5.28	Duct work insulated to minimum R-8 in unconditioned spaces.	4	
		3		No ductwork in unconditioned spaces.		
			REQUIRED	5.29 If ducted system: No panned joist spaces or building spaces used for return air; fully ducted	4	
		5	5.30	Use of a evaporative cooling system - No air conditioning (A/C).	4	
		-4	5.31	Mechanical air conditioning (A/C) installed.	5	
		2	5.32	Mechanical A/C with a 16 SEER or greater.	D,5	
		2	5.33	Overhangs to block summer sun.	PC,5	
		2	5.34	Reduce solar heat gain through windows in summer.	D,4	
		1	5.35	Ceiling fans or air desertification system(s) in common rooms.	PC,5	TYPO
		1	5.35	Ceiling fans or air destratification system(s) in common rooms.	PC,5	
		2	5.36	Installation of whole house fan, with R-19 seasonal cover, for ventilation and cooling.	5	
		1	5.37	Reflective Radiant Barrier	5	ADDED
Windows/Other						
		4	5.38	Insulating window coverings installed on ≥ 75% of all exterior windows.	5	
		2	5.39	Unheated Entry Airlock.	5	M ODIFY
		4	5.39	Unheated Entry Airlock.	5	
		1-10	5.40	High-performance windows: 1 pts. for each .01 UV factor below current IECC Code maximum	5	ADDED
Electrical						
		2-10	5.41	ENERGY STAR® appliances. (2 point for each appliance)	5	ADDED
		2		Appliance: RANGE		
		2		Appliance: REFRIGERATOR		
		2		Appliance: DW		
		2		Appliance: DRYER		
		2		Appliance: Clothes Washer		
		1	5.42	Dimmers on fixtures - Required to have a minum of four dimmers installed.	5	
		2	5.43	House dimming system with time clock and vacation modes.	5	
		1-4	5.44	Occupancy sensing light switches for exterior and/or interior lighting. (1 point each for use)	5	
		2	5.46	Efficient lighting - Install 10% of fixtures with hard wired efficient fixtures.	5	CODE REMOVE
		1-2	5.45	LED and/or CFL - Compact Fluorescents bulbs (1 point for every 4 bulbs installed.)	5	MODIFY
		2-4	5.45	Efficient Lighting: 2 pts for > 75% LED bulbs, 4 pts for 100% LED	5	
		2	5.46	Airtight J boxes for all exterior walls.	4	
		3	5.47	Reduce interior light light pollution reduction.	5	MODIFY
		3	5.47	Interior lighting light polution reducton	5	
		5	5.49	Install 240 electric in garage for future charging station	5	ADDED
		194	Sub Total			
6.0. SOLAR ENERGY						
		P	6.1	Solar access is unimpeded from 10-2 PM through-out the year for items 6.2-6.7	PC	MODIFY
		P	6.1	Solar access is unimpeded from 10-2 PM through-out the year for items 6.3.1-6.7	PC	
		REQUIRED	6.2	Rough-in for future solar hot water preheat - provide two 3/4" copper pipes w/ R-6 min & 10	4	REMOVE
		REQUIRED	6.3	Rough-in for future solar electric - provide 3/4" metal conduit between future panels and electric room.	4	MODIFY
		REQUIRED	6.2	Rough-in for future solar electric - provide 3/4" metal conduit between future panels and electric room. Applies only to Tier 1. All other Tiers require PV.	4	
		REQUIRED	6.3	Garage cannot be heated unless offset by solar , see 9.2		ADDED
		5	6.4	Sun tempered design.	PC	

		5-10		Passive solar design.				
		5	6.5	South glass 7 to 12% of floor area and properly sized overhangs		PC		
		5		Addition to above - adding internal thermal mass to southerly solar gain.		5		
		8	6.6	Solar hot water heating system for domestic hot water.		5		
		4		Solar hot water heating system for space heat			MODIFY	
		8	6.6	Solar hot water heating system for space heat		5		
		5+	6.7	On-site solar electric or photovoltaic (1 point for each 0.1 KW installed on site).		D,5		
		46+	Sub Total					
7.0 INNOVATION POINTS								
		1-20	7.1	Innovative product or design points.		PC		
		20	7.2	Ground source heat pump to cover at least 100% of cooling or 50% of heating load - COP of ≥ 3.3 AHRI.		D,4	MODIFY	
		20	7.2	Ground source or air source heat pump to cover at least 100% of cooling or 50% of heating load - COP of ≥ 3.3 AHRI. (cannot take points for both 7.2 and 7.3)		D,4		
		25	7.3	No natural gas line or propane on site. All heating equipment to be heat pump or other high efficiency system. (cannot take points for both 7.2 and 7.3)		D,4	ADDED	
		1-10	7.4	Deconstruction/ reuse of materials. (1 point for every \$500.00)		D,4		
		5	7.5	Deconstruction/ grinding/ recycling.		D,4		
		5	7.6	Approved EPA wood stove or pellet stove.		PC,5	MODIFY	
		2	7.6	High-efficiency wood stove (rated for ≤ 2.0 grams per hour of particulate; > 75% efficiency)		PC,5		
		1-3	7.7	Donate surplus materials (1 per trailer load, 3 max)		D,4	ADDED	
		60	Sub Total					
			Total					

Version 1- January 5, 2019

CARBONDALE EFFICIENT BLDG PROGRAM RECOMMENDED M

8.0 CASH IN LIEU

Existing		Proposed	
Maximum points allowed for Cash in lieu			
House size	25% Max	Cost per Point	
1-2000			
2001-3000	27	\$	250
3001-5000	57	\$	333
5000-7499	74	\$	500
7500-9999	116	\$	870
>10,000			

9.0 ON-SITE RENEWABLE ENERGY AND EXTERIOR ENERGY USE

Existing		Proposed	
House size	Onsite Requirement	Fee Option	Onsite Requirement Fee Option
1-2000	0		
2001-3000	0		
3001-5000	0		
5000-7499	7.5 KW PV	\$	37,500
7500-9999	11.25 KW PV	\$	56,250
>10,000	20 KW PV	\$	100,000

MODIFICATIONS



Changes Recommended After Points Analysis January 2020 - These will be in **BLUE** below

Old/New	Code Section	Description
5/3	1.9	Xeriscape
1/3	3.10	Panelized or pre-fabricated walls.
1/2	3.10	Prefabricated sections or modular construction for >=75% of home.
8/8	3.19	<u>FSC and/or SFI harvested</u> lumber for at least 75% of framing material. Kept points same but increased percentage from 50 to 75
1/2	5.18	Mechanical Equipment Centrally Located
1-7/1-10	5.22	Furnace 1 point per % starting at 8% above currently adopted IECC. (note this calculates to 86 percent, so gives all Tiers max points for going above 93%)
2/4	5.39	Unheated Entry Airlock

Additional Points Available but unknown if these homes qualified

Points	Code Section	Description
2	2.1	Recycled Concrete
5	3.17	Insulated Concrete Forms (ICF's) for exterior (above grade) walls
2	3.18	Premanufactured Insulated Studs or Headers
1-40	5.3	HERS rating less than tier requirements. (1 point for each point below tier requirement)
1-40	5.4	RESCheck rating better than code (1 pt for each %). Option only for Tier 1
1-6	5.5	Blower Door Testing - 1 point for each increment of 0.5 below IECC minimum, ACH50, up to 6 points
1	5.37	Reflective Radiant Barrier
1-10	5.40	High Performance Windows: 1 point for each .01 below currently adopted energy code maximum

This analysis originally was done early 2019. Changes since then and included in ordinance presented at last trustees meeting are reflected in **RED**

TIER 1

111 Ash Lane	1957 sf	
	1810 sf	(no longer includes 50% garage)
Required Points	110	
Old Points	116	PASSED

New Points	99	FAIL	
New Points	98	FAIL	Feel that it can pass by adding some simple things, may come into by HERS score or adding solar.

Old/New	Code Section	Description
3/1	2.8	Built In recycling (points lowered)
3/0	4.12	Carbon Monoxide (Removed)
2/0	5.13	Crawl space insulation (r15 is code)
2/0	5.15	Hot water pipes R3 (assuming no, was R2)
10/4	5.25	Assuming 92, 88 required, 1 point per %)
10/6	5.25	Assuming 92, 1 point per % above 86)
2/0	5.47	LED >75% assuming no
3/0	5.1	RESCheck (no points in previous for better than so assume no)

TIER 2 (WAS TIER 1)

250 Crystal Canyon	2927 SF	
	2577 SF	(no longer includes 50% garage)
Required Points	110	
Required Points	115	(this is just an estimate, not sure on this yet as checklist puts at 110, but formula
Old Points	137	PASS will need to be modified to go above 110 when in Tier 2)
New Points	109	FAIL
New Points	149	PASS Mandatory solar brings into compliance.

Old/New	Code Section	Description
3/0	1.18	Clothes washer (moved points)
3/1	2.8	Built In recycling (points lowered)
3/0	4.12	Carbon Monoxide (Removed)
3/1	4.14	Radon (Removed)
11/0	5.10	Roofing insulation (49 which is code, no points)
2/0	5.15	Hot water pipes R3 (assuming no, was R2)
10/4	5.25	Assuming 92, 88 required, 1 point per %)
10/6	5.25	Assuming 92, 1 point per % above 86)

0/2	5.42	Clothes washer (points moved)
1/0	5.47	LED >75% assuming no
0/38	6.7	Required Solar 1.5 w per sf

TIER 2.

273 Crystal Canyon	3608 SF	
	3306	(no longer includes 50% garage)
Required Points	131	
Required Points	121	(no longer includes 50% garage)
Old Points	134	PASS
New Points	99	FAIL
New Points	148	PASS HERS is 62. 40 is required. Homes passes on points.
Points Changed	150	Not sure what final HERS would be, but will definitely be lowered due to PV

Old/New	Code Section	Description
3/0	1.18	Clothes washer (points moved)
1/0	4.4	Solvent free adhesives (was 2, now 1 pt)
3/0	4.12	Carbon Monoxide (Removed)
3/0	4.14	Radon (Removed)
8/3	5.6	HERS rating less than tier (tiers have been reduced by 5)
8/0	5.6	HERS rating less than tier (HERS is 62, now 40 is required for Tier 2)
11/0	5.10	Roofing insulation (49 which is code, no points)
2/0	5.15	Hot water pipes R3 (assuming no, was R2)
2/0	5.16	R-6 on unconditioned area pipes (removed)
1/2	5.21	Mechanical System Centrally Located
10/4	5.25	Furnace (94% installed, 88 required, 1 pt per %)
10/7	5.25	Furnace 94%, 1 point per % above 86% max 7
10/8	5.25	Furnace 94%, 1 point per % above 86% max 10
0/2	5.42	Clothes washer (moved points)
2/0	5.46	Efficient lighting 10% fixtures (removed)

1/0	5.47	LED >75% assuming no
0/49	6.7	Required Solar 1.5 w per sf

TIER 3

4100 Crystal Bridge	6248 sf
	5824 (no longer includes 50% garage)

(FYI, this house had lots of handwritten modifications to checklist, not easy to follow so this is close but could be off a bit)

Required Points	271	
Required Points	257	(no longer includes 50% garage)
Old Points	302	PASS
New Points	263	PASS
New Points	259	PASS
Points Changed	260	PASS Removing garage lowers required points total.

Old/New	Code Section	Description
3/0	1.18	Clothes washer (points moved)
3/1	2.8	Built In recycling (points lowered)
2/1	4.4	Solvent free adhesives
3/0	4.12	Carbon Monoxide (Removed)
3/0	4.14	Radon (Removed)
11/0	5.10	Roofing insulation (49 which is code, no points)
4/0	-5.11	Wall insulation (R25 which is code, no points)
2/0	5.15	Hot water pipes R3 (assuming no, was R2)
2/0	5.16	R-6 on unconditioned area pipes (removed)
1/2	5.21	Mechanical Equipment Centrally Located
10/4	5.25	Furnace (92% installed, 88 required, 1 pt per %)
10/0	5.25	Furnace (92% installed, 94 required, 1 pt per %)
0/2	5.42	Clothes washer



Board of Trustees Agenda Memorandum

Meeting Date: January 28, 2020

ATTACHMENTS: Public notice sample.

RECOMMENDATION: Staff recommends that the following motion be made by the commissioners, “ We move to accept the new name for the Miners’ Park playground to be the ‘Mt. Sopris Rotary Club Playground’ with the addition to the sign in a smaller font stating “at Miners’ Park’. This naming of the new playground is in recognition of their financial contribution to the project. “

JH
Town Manager

Miners Park Playground Name Proposed

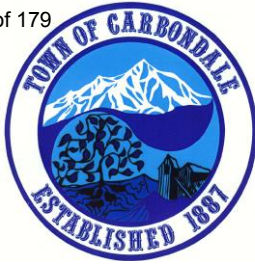
The Carbondale Parks & Recreation Commission received a request to name the New Miners Park Playground the:

"Mt. Sopris Rotary Club Playground"

Following a required 45-day public comment period, the Parks & Recreation Commission will take formal action on January 8, 2020 regarding the name recommendation to the Town Trustees.

To comment, object to name, or suggest a different name: contact Parks & Recreation Director Eric Brendlinger (970) 510-1277 or ebrendlinger@carbondaleco.net.





TOWN OF CARBONDALE

PUBLIC WORKS

511 Colorado Avenue
Carbondale, CO 81623

Board of Trustees Agenda Memorandum

Meeting Date: January 28, 2020

TITLE: Cowen Drive EV Charging Station Discussion

SUBMITTING DEPARTMENT: Public Works

ATTACHMENTS: None

BACKGROUND

Last Fall, RFTA applied for, and received a \$30,000 grant through the State's Charge Ahead Program, for a Level 3 EV charging station. Originally, this station was going to be placed at the Carbondale park and ride, but due to a variety of circumstances, it is unable to be placed there. RFTA has been talking with the State and it appears that they may be able to use the grant funds to help pay for a new Level 3 EV charging station on Cowen Drive.

DISCUSSION

RFTA approached the Town shortly after the first of the year about potentially locating the Level 3 EV charging station somewhere other than the park and ride, but within Holy Cross Energy's territory. The reason to locate the charging station within Holy Cross' territory, is that they are partnering with numerous entities within their territory to expand EV charging availability. This partnership includes providing and installing the required transformer at their cost (approximately \$20,000 value). Outside of Holy Cross territory, the cost of providing and installing the transformer would be an added cost to an EV charging station project. Staff reviewed potential locations for the charging station and are recommending that it be placed on the north side of Cowen Drive between the entrances to the Days Inn and Comfort Inn & Suites, should the Board move forward with this installation.

The following information is provided for the Board's consideration:

Cost- The estimated total cost of installing a Level 3 EV charging station on Cowen Drive is approximately \$53,000. Of this, approximately \$40,000 is the cost of the charging station and 3-year networking plan. The additional costs include concrete work, electrical wiring and electrical metering. This total cost would be reduced by \$30,000 (grant funding), for a total Town cost of \$23,000.

Fees- There have been 2 recent installations in Holy Cross territory. The first was in Eagle County, and the other was in Basalt. Both Basalt and Eagle County are responsible for paying Holy Cross monthly for the energy used at a rate of \$0.06 per kilowatt-hour (kWh) during off peak times (all day other than 4 PM to 9 PM), and \$0.24 per kWh for peak times (4 PM to 9 PM). Basalt is currently not charging users of the EV charging station, but Eagle County is. Eagle County charges users a flat rate of \$0.10 per kilowatt-hour. Of this, Chargepoint keeps 10% (one cent) for managing the system and processing the payment, and the other nine cents is returned to the town to offset the cost of electricity. For reference, the total usage for Basalt's charger in December was 1820 kWh (98 separate charging events). Of this, 1,247 kWh were off-peak and 573 kWh were on-peak. The total bill was \$227.76. If they had been charging for usage the way Eagle County is, they would have received \$163.80 from Chargepoint to offset some of the cost of charging for the month. If the Town were to charge for usage of the new EV station, based on Basalt's December usage, a flat rate charge of \$0.14 per kWh would cover the entire bill.

Public Outreach- There has been no public outreach on the possible location of the EV charging station to this point. Should the Board decide to move forward with the installation of the charging station, staff will reach out to businesses in the area to get their input on the proposed location on Cowen Drive. Final siting of the EV charging station would be decided based on input received.

Funding- When factoring in the \$30,000 grant, the estimated out-of-pocket cost to the Town, should the Board decide to move forward with the EV charging station installation, would be approximately \$23,000. This year's budget included \$5,000 in funding for this type of work (CLEER workplan), so this would leave an \$18,000 funding gap. Based on recent quotes received for some of the equipment included in this year's budget for capital equipment purchases, it is possible that some, if not all of the \$18,000 funding gap could be covered by savings in this area.

FISCAL ANALYSIS

The estimated total cost of the Level 3 EV charging station is \$53,000. A grant of \$30,000 and the \$5,000 in the 2020 budget will reduce this cost to \$18,000.

RECOMMENDED ACTION

Discuss this item and provide staff with direction on whether or not to pursue the option of installing a Level 3 EV charging station somewhere along Cowen Drive.

Prepared by: Kevin Schorzman



Board of Trustees Agenda Memorandum

Item No:

Meeting Date: 01.28.2020

TITLE: Finance Department Admin Report

SUBMITTING DEPARTMENT: Finance

ATTACHMENTS: Graphs

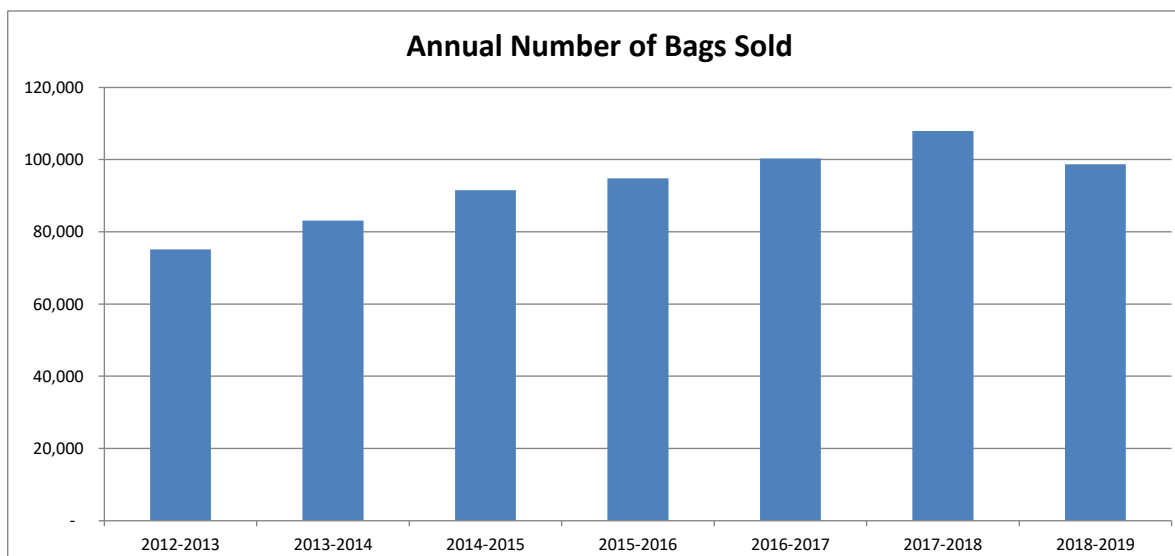
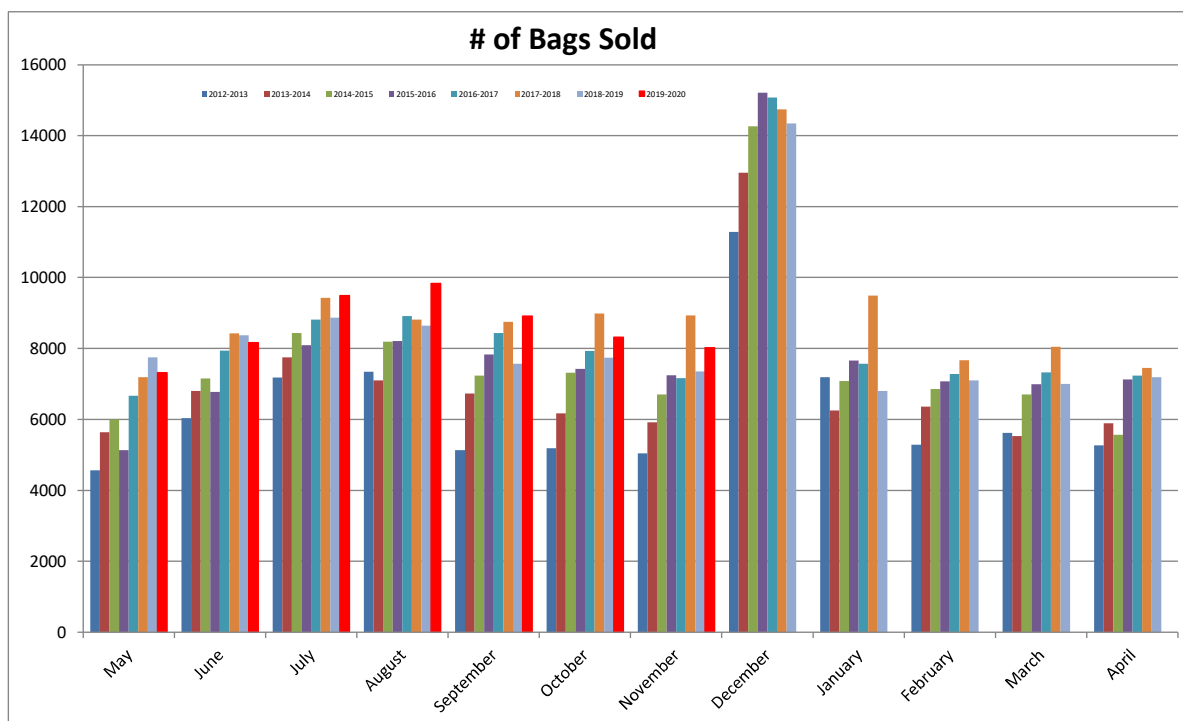
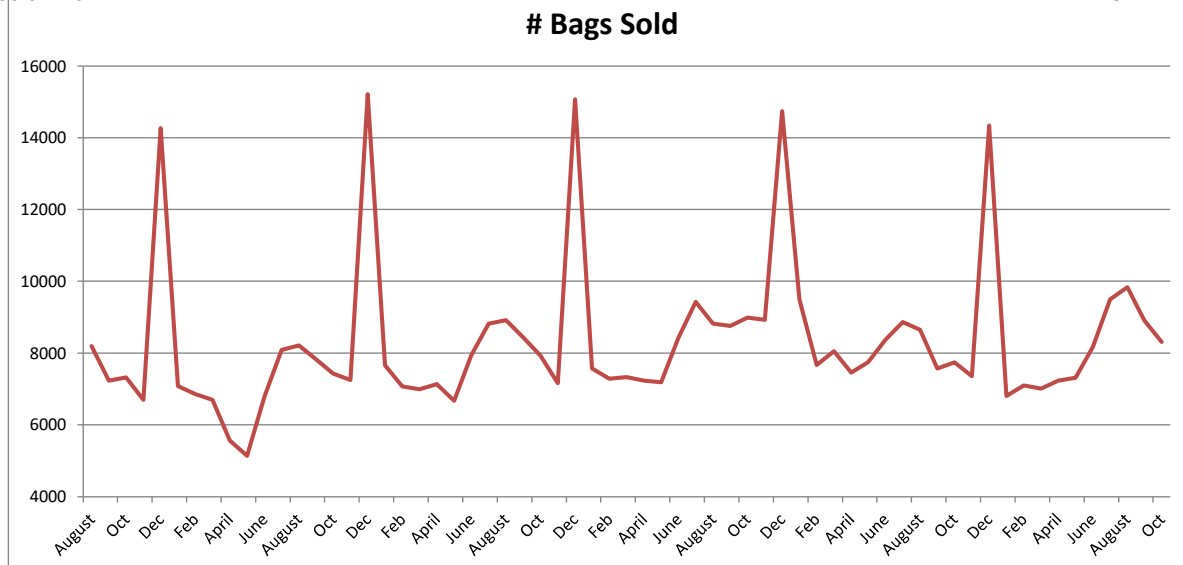
BACKGROUND: Attached are the Sales Tax Receipts through December 2019. Also attached is the chart reflecting bag sales at the grocery store.

DISCUSSION: Bag sales continue to increase over prior years. Sales tax ended the year 5.6% above 2018.

Prepared By: Renae Gustine

JH

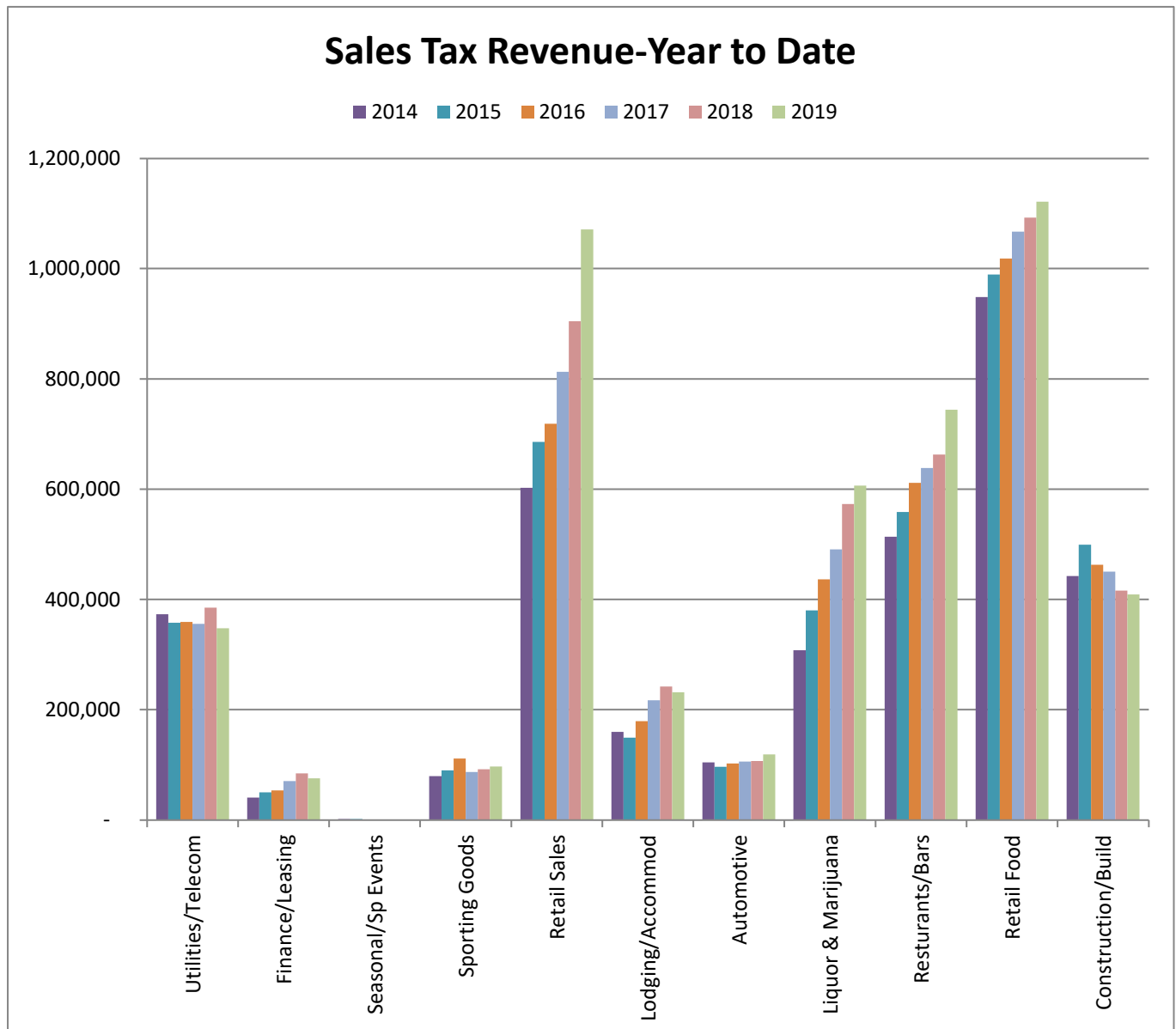
Jay Harrington
Town Manager



Town of Carbondale

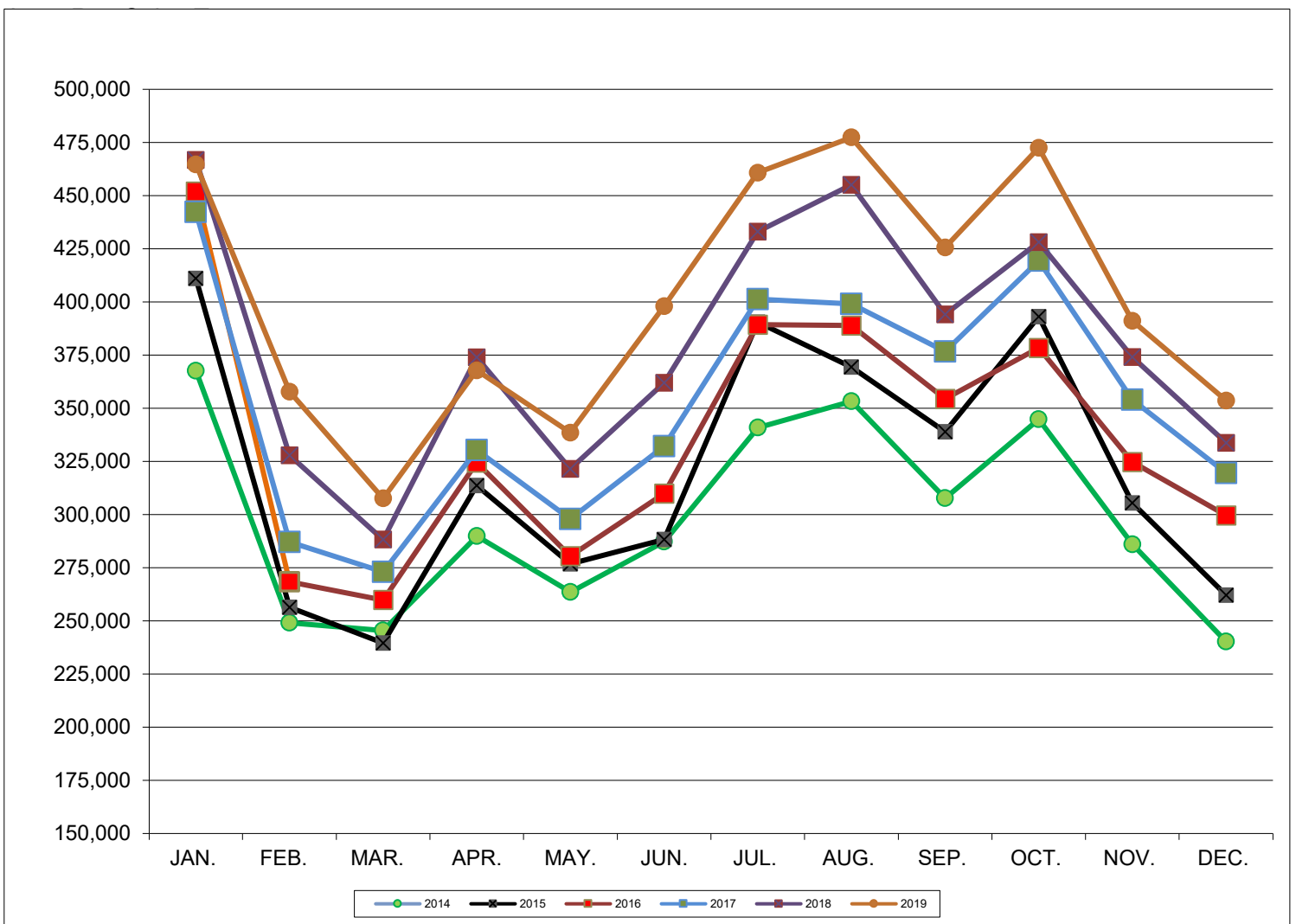
January - December

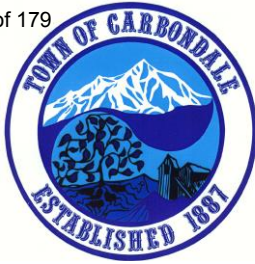
Year to Date	2014	2015	2016	2017	2018	2019	% of Total
Utilities/Telecom	372,857	357,294	359,135	355,542	384,840	347,701	7.2%
Finance/Leasing	40,356	50,020	53,340	70,262	84,292	75,385	1.6%
Seasonal/Sp Events	1,504	1,301	499	55	647	156	0.0%
Sporting Goods	79,457	89,850	111,366	86,601	91,780	96,736	2.0%
Retail Sales	602,118	685,583	718,748	812,997	904,264	1,071,067	22.2%
Lodging/Accommod	159,472	149,083	178,867	216,957	241,967	231,373	4.8%
Automotive	104,386	96,107	102,282	105,740	106,947	118,909	2.5%
Liquor & Marijuana	307,683	379,891	436,288	490,508	572,792	606,470	12.6%
Resturants/Bars	513,690	558,325	611,323	638,344	662,505	743,822	15.4%
Retail Food	948,510	989,299	1,018,226	1,066,978	1,092,627	1,121,209	23.3%
Construction/Build	442,396	499,134	462,680	450,064	415,917	409,055	8.5%
Total	3,572,429	3,855,886	4,052,754	4,294,047	4,558,578	4,821,884	100.0%



TOWN OF CARBONDALE RETAIL SALES TAX REVIEW**Sales Tax**

REPORT MONTH	2014	2015	2016	2017	2018	2019	2018-2019 % Change	2017-2018 % Change	2016-2017 % Change
JAN.	367,636	411,031	451,933	442,286	466,732	464,721	-0.4%	5.5%	-2.1%
FEB.	249,179	256,325	268,392	287,021	327,884	357,852	9.1%	14.2%	6.9%
MAR.	245,456	239,569	259,817	273,037	288,193	307,643	6.7%	5.6%	5.1%
APR.	289,889	313,635	324,451	330,369	373,941	367,843	-1.6%	13.2%	1.8%
MAY.	263,518	276,839	280,445	297,902	321,523	338,565	5.3%	7.9%	6.2%
JUN.	287,215	288,279	309,930	332,166	361,992	398,072	10.0%	9.0%	7.2%
JUL.	340,914	390,492	389,296	401,315	432,990	460,786	6.4%	7.9%	3.1%
AUG.	353,235	369,433	388,942	399,004	455,077	477,407	4.9%	14.1%	2.6%
SEP.	307,769	338,918	354,391	376,715	394,154	425,610	8.0%	4.6%	6.3%
OCT.	344,830	393,108	378,425	419,404	428,150	472,462	10.3%	2.1%	10.8%
NOV.	285,965	305,444	324,692	353,954	374,101	391,135	4.6%	5.7%	9.0%
DEC.	240,322	262,131	299,554	319,509	333,759	353,640	6.0%	4.5%	6.7%
Adj	29,483			61,400					
Subtotal: (3.5%)	3,605,411	3,845,203	4,030,268	4,294,082	4,558,496	4,815,737	5.6%	6.2%	6.5%





TOWN OF CARBONDALE

PUBLIC WORKS

511 Colorado Avenue
Carbondale, CO 81623

Board of Trustees Agenda Memorandum

Meeting Date: January 28, 2020

TITLE: Public Works/Utilities Fourth Quarter Report

SUBMITTING DEPARTMENT: Public Works

STREETS DEPARTMENT/ADMINISTRATION:

Annual Projects: Staff has been working on preparing requests for proposals for the 2020 chip and crack sealing projects. RFPs will be sent out in February with anticipated contract approvals in March.

Other Projects: This fall, the Streets Crew installed a new pipe and inlets on West Main Street from Hendrick Drive, west. Cleanup and revegetation work will be completed in the spring. The pipe was functional this fall when the Rockford Ditch froze and overflowed onto Hendrick Drive and was able to handle all of the water coming down the street without overflowing onto Main Street and running toward the roundabout.

Annual Maintenance Work: As time allows, the streets crew has been sweeping, repairing potholes and trails, and completing sign repairs and replacements. They also spent the last several weeks cleaning up from several storms that impacted and continue to impact the area which have led to packed snow and ice conditions on many of the roads around town.

Development Work: The majority of the utility and roadway work associated with the public improvements on the City Market project have been completed. We anticipate the remainder of the improvements to be completed in 2020. Infrastructure work was also completed on the Thompson Park project this fall. The private roadway has been paved with the base lift of asphalt and work continues on structure construction on the site.

Engineering Services: Staff continued to work with Roaring Fork Engineering on the design for a new clarifier at the wastewater treatment plant, and the capacity expansion at the Roaring Fork Treatment Plant. Staff also continued to work with RFE to ensure that completion of the Red Hill Road realignment can be completed this spring. The realignment will allow for access to the existing parking area and the new parking lot for Red Hill users below the new trailhead. It will also improve the geometry of the SH 82/CR 107 intersection.

Town Arborist: The Town Arborist installed holiday lighting in the downtown area and placed evergreen trees in the pots around downtown. He has also been busy with snow removal on the bulb-outs with the multiple snow storms we have had.

Boards and Commissions: Public works staff continues to provide support for several of the town's boards and commissions including the Bike, Pedestrian and Trails Commission, the Environmental Board, the Carbondale Public Arts Commission, the Tree Board and the Board of Trustees.

WATER DEPARTMENT

Nettle Creek: The South Nettle Creek supply this winter has been declining this winter (which is normal and expected). However, flows continue to remain above the normal seasonal base flow of 400 gallons per minute.

The Hydro project remains on-hold until we get approval from the Forest Service on the amended easement for the special use permit. The amendment is necessary due to the need for an overflow pipe to South Nettle Creek. If and when approval is received, we will finalize plans and bid the project.

The filter control equipment and computer system installed in 2019 has been working well.

Roaring Fork: The Roaring Fork Treatment Plant has remained fully operational. We continue to work with our engineers on the capacity expansion project. Plans have been sent to the State and we are waiting on their review before moving forward.

Crystal Well: The treatment system on the Crystal well has been performing well with no reported problems. The plant was used in conjunction with the Roaring Fork Plant to keep up with demand during the summer and early fall. The standby generator was ordered and has been delivered to Grand Junction. We will be working with our electrical contractor to install a concrete pad and wiring which will allow the generator to be installed. Installation is expected to be complete late winter or early spring.

Distribution system: Staff continues to assist with inspections and testing at Thompson Park and the City Market development. There was a shear crack on the Nettle Creek line on the Sunday before Christmas. Staff, with the assistance from a local contractor, got the line repaired and back in service that day. Earlier, another leak was fixed on the Nettle Creek line near the Baptist Church. This leak occurred when a contractor was replacing a service line and hit an old service tap.

Crystal River Restoration Plan: The stakeholders will be working on grant opportunities in the near future for the implementation of the plan. A flow survey has been performed on the Weaver Ditch from the head gate to the end of the ditch. Flows have been measured at the monitoring stations to obtain baseline

data for the gauges at several locations along the Weaver Ditch. The baseline data obtained will assist in determining the efficiencies within the ditch system.

Irrigation ditches: Ditch operations ceased on October 15th. Staff has identified a priority list for ditch work which will be undertaken as soon as the weather allows. We are looking at some culvert rehabilitation work as well as access vault placement prior to the 2020 irrigation season.

WASTEWATER DEPARTMENT

Treatment Plant: The waste water plant has been operating well. The clarifier project continues. The plans have been submitted to the State and we continue to wait for approval. Once approval is received, plans will be finalized and the project will be bid.

Collection System: There have been no reported problems with the collection system. Staff continues to perform maintenance of the collection system as time allows with cleaning and video inspection. Staff is also aggressively inspecting grease traps in an effort to reduce the amount of grease in the collection system. A wireless alarm was placed in the manhole located at the alley south of Main Street on Second Street to alert personnel should a backup occur in this location.

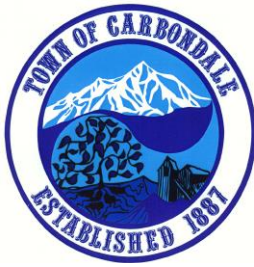
OTHER

Staffing: We continue to recruit for one position.

Gateway RV Park: The system has been winterized upon closure of the campground. A leak in the underground tank/chlorine contact chamber was discovered shortly after the first of the year. Staff will be replacing the existing tank with a shorter, larger diameter tank this winter that will provide the necessary contact time while also minimizing the risk of tank failure in the future.

Mapping: The GIS mapping continues to be updated.

Certification testing continues with all new staff members. Several new employees have passed initial certification testing and one staff member recently passed the second (out of four) level testing and has been moved from a maintenance position to an operator position in the waste water department.



**TOWN OF CARBONDALE
511 COLORADO AVENUE
CARBONDALE, CO 81623**

Board of Trustees Agenda Memorandum

Meeting Date: 1/28/2020

TITLE: Planning Department Administrative Report

SUBMITTING DEPARTMENT: Planning Department

Thompson Park – The Planning Commission and Board of Trustees approved a Preliminary and Final Subdivision Plat application to divide Parcel 2 of Thompson Park into townhome lots and two condominium lots last October and November. Construction of two of the duplexes and two of the triplexes is underway. A building permit for a fourplex was issued in December.

Town Center – In October and November, Town Staff worked on the relocation of the restrictive covenant which had been placed on the American Tree and Cement property in 2003 to instead be placed on Lots 1, 9, and 10 of the Town Center Subdivision. This restrictive covenant ensures that the required number of affordable housing units will be constructed on the Town Center property.

City Market – The walls on the City Market building are substantially complete. The insulation and roofing will take place next. The Building Permit application for the Fueling station had its initial review and a correction letter was issued. Revised plans have been submitted for final review.

1201 Main Street (Formerly known as Sopris Lofts) – The Planning Commission and Board of Trustees approved a Major Site Plan Review application for the property located at the northeast corner of Main Street and Highway 133 this past October, November and December. The proposal is for a mixed-use building with 3,881 sq. ft. of commercial space, 18 efficiency apartments and 9 two-bedroom units for a total of 27 units. All of the residential units would be rentals. Five dwelling units would be deed restricted for affordable housing.

The final approval documents, including an Ordinance and Development Improvements Agreement, have been drafted. The Board will consider these agreements at its February 11, 2020 meeting.

311 Main Street Condominiumization – The Planning Commission approved an application to separate 311 Main Street into five commercial units and one residential unit at its October 24, 2019 meeting.

Sopris Lodge Assisted Living Community - The building permit has been issued and construction had started on this project. The independent living building is being framed as well as the memory care building.

728 Euclid – A public hearing was held December 3, 2019 before the Board of Adjustment (BOA) for the consideration of an appeal of the Building Official's decision to issue a building permit for a structure at 728 Euclid Avenue. This follows public hearings which were held on June 10, 2019 and August 19, 2019. At both those meetings, the property owner was directed by the BOA to submit conceptual redesigns of his building plans to bring the design into compliance with the OTR zone district. At the December 3, 2019 meeting, the BOA overturned the Building Official's decision to issue the building permit with the findings that the design of the building did not complement the historic character of Old Town Carbondale as it did not sufficiently integrate the unique scenic, historic, natural and design features of the area and did not provide special emphasis on the unique home sizes characteristic of the original Townsite as required by the code.

In May of 2019, the property owner filed a complaint in District Court. This continues to wind its way through the court process.

2020 Census County – Aspen to Parachute Complete Count Committee (A2PCCC) – Planning Staff has been participating in regional discussions since July 2019 on how to ensure there is an accurate count in our region during the 2020 census. During the last quarter of 2019, the A2PCCC developed an outreach plan framework, identified sources and communications and initiated outreach programs in the Roaring Fork and Colorado River Valleys. The A2PCCC group had applied for a DOLA grant to help with the outreach but the grant was denied. Last December, regional governments and non-profit entities provided funding to help with the efforts. The advertising campaign will kick off at the end of January. The website is now live at www.A2PCensus2020.com. In the top right corner, there is a button to toggle between English/Spanish.

Property Inquiries – A number of properties were placed on the market around Town. As a result, Planning and Building Staff have been fielding phone calls with zoning inquiries on those properties. In addition, there have been many meetings with potential property owners.

Carbondale Historic Preservation Commission (CHPC) - Staff submitted the Certified Local Government (CLG) Annual report to History Colorado. The

submittal of the report keeps the CHPC in good standing with the state and allows for financial assistance as well as educational opportunities.

In addition, the CHPC reviewed the Structures of Merit final report at a public hearing on November 7, 2019. The consultant, Ron Sladek of Tatanka Historical Associates Inc., presented the findings. The Town of Carbondale had received a grant from History Colorado to inventory twenty-five (25) of our historic residential buildings in Carbondale. Seven of the structures surveyed were found to be eligible to be either local, state or nationally landmarked or registered. This landmarking is not required and the owners are under no obligation as the programs are voluntary.

Planning Commission and Board of Adjustment – Staff has been advertising the open seat on the Planning Commission and the one on the Board of Adjustment. The deadline to submit application is January 31, 2020. Interested parties can contact Mary Sikes msikes@carbondaleco.net for an application. The applications are also available on the Town's website.

Prepared By: John Leybourne and Janet Buck

JH
Town Manager



**TOWN OF CARBONDALE
511 COLORADO AVENUE
CARBONDALE, CO 81623**

Board of Trustees Agenda Memorandum

Meeting Date: 1-28-2020

TITLE: Building Department Fourth Quarter Update

SUBMITTING DEPARTMENT: Building Department

ATTACHMENTS: Fourth Quarter Inspection Report

Building Department

Fourth Quarter of 2019:

- In the fourth quarter, the Building Department issued 82 permit applications including: 12 Solar Permits, 12 Plumbing Permits, 23 Mechanical Permits and 35 Building Permits.
- 239 inspections were performed in the fourth quarter, including 30 final inspections. During the same quarter last year there were 184 inspections performed. See the attached report for a detailed explanation.

End of Year:

- The total valuation of all permits for the year was \$53,788,096. There were 37 dwelling units added, including 13 single family homes, 5 duplexes, 3 triplexes, 1 fourplex and 1 Accessory Dwelling Unit.
- Below is a summary;

New Residential	37
New Commercial	1
Commercial Remodels	12
Residential Additions	4
Residential Remodels	25
Windows, Fences, Re-roofs, Sheds, Decks	92
Solar	30
Plumbing	72
Mechanical	73
Demolition	4

- There were 919 inspections performed this year as compared to last year, which had 633 inspections. There were 114 final inspections this year.
- There has been consistent activity in the Building Department. We continue to answer routine inquiries, hold pre-submittal meetings with architects and perform consultations onsite.
- In addition, there are several large projects coming down the pike i.e. Main Street Marketplace (115 Residential Units/Commercial space), 1201 Main Street (27 Residential Units/Commercial space), Red Hill Lofts (30 Residential Units), Thompson Park (13 more units on Parcel 2) and the City Market fueling station.
- The Building Department works closely with the Police Department to deal with code enforcement.
- Carbondale has received GOLD Designation in 2019 from the Colorado Solar & Storage Association (COSSA) for streamlining the Town's solar permitting process.

Prepared By: John Plano
Building Official

JH
Town Manager

Inspection Dat	Inspection	Inspector	File#	Property Address
10/01/2019	Framing	John Plano	19-000128	711 LATIGO Loop
10/01/2019	Final Building	John Plano	18-000190	418 Garfield Avenue
10/01/2019	Insulation	John Plano	19-000028	50 CRYSTAL Circle
10/01/2019	Drywall	John Plano	19-000066	101 Bowles Drive
10/01/2019	Foundation	John Plano	19-000142	389 CRYSTAL CANYON Drive
10/02/2019	Foundation	John Plano	16-000190	905 133 Highway
10/02/2019	Solar Inspection	John Plano	19-000151	483 MESA VERDE Avenue
10/02/2019	Plumbing Underground	John Plano	16-000190	905 133 Highway
10/03/2019	Insulation	John Plano	19-000128	711 LATIGO Loop
10/03/2019	Final Building	John Plano	18-000197	111 ASH Lane
10/03/2019	Gas Piping	John Plano	17-000234	45 Village Lane 4 UNIT BLDG
10/03/2019	Gas Piping	John Plano	17-000233	45 Village Lane 3 UNIT BLDG
10/03/2019	Rough Plumbing	John Plano	18-000256	295 RIO GRANDE Avenue
10/04/2019	In Floor Heat	John Plano	19-000068	162 SOPRIS MESA Drive
10/04/2019	Solar Inspection	John Plano	19-000162	26 MAROON Drive
10/04/2019	Final Building	John Plano	19-000185	1398 ROCK Court
10/07/2019	Gas Piping	John Plano	17-000233	45 Village Lane 3 UNIT BLDG
10/07/2019	Footing	John Plano	19-000143	202 Lewies Circle
10/07/2019	Insulation	John Plano	18-000196	767 Cleveland Avenue
10/08/2019	Insulation	John Plano	19-000026	103 Bowles Drive
10/08/2019	Footing	John Plano	16-000190	905 133 Highway
10/08/2019	Shower Pan	John Plano	19-000060	760 Latigo Loop
10/09/2019	Footing	John Plano	16-000191	901 Highway 133
10/09/2019	Framing	John Plano	19-000054	471, 473, 475 Boundary Lane
10/09/2019	Drywall	John Plano	19-000028	50 CRYSTAL Circle
10/10/2019	Temporary Certificate of Occupancy	John Plano	17-000234	45 Village Lane 4 UNIT BLDG
10/10/2019	Temporary Certificate of Occupancy	John Plano	17-000233	45 Village Lane 3 UNIT BLDG
10/10/2019	Temporary Certificate of Occupancy	John Plano	17-000233	45 Village Lane 3 UNIT BLDG
10/10/2019	Foundation	John Plano	19-000125	416 CRYSTAL CANYON Drive
10/11/2019	Solar Inspection	John Plano	19-000174	759 LINCOLN Avenue
10/11/2019	Foundation	John Plano	16-000190	905 133 Highway
10/14/2019	Foundation	John Plano	19-000143	202 Lewies Circle
10/14/2019	Gas Piping	John Plano	19-000060	760 Latigo Loop

10/14/2019	Solar Inspection	John Plano	19-000187	850 Latigo Loop
10/14/2019	Framing	John Plano	19-000084	111 Lewies Circle
10/14/2019	Framing	John Plano	19-000085	113 Lewies Circle
10/14/2019	Solar Inspection	John Plano	19-000174	759 LINCOLN Avenue
10/15/2019	Framing	John Plano	18-000244	275 South Fourth Street
10/15/2019	Framing	John Plano	19-000064	1165 HERITAGE Drive
10/15/2019	Rough Plumbing	John Plano	19-000064	1165 HERITAGE Drive
10/15/2019	Gas Piping	John Plano	18-000079	421 & 423 North 8TH Street Units Y & Z
10/15/2019	Gas Piping	John Plano	18-000078	425 North 8TH Street Unit X
10/15/2019	Roofing	John Plano	19-000212	1250 HENDRICK Drive BLDG M
10/16/2019	Roofing	John Plano	19-000211	435 South 2ND Street
10/16/2019	Footing	John Plano	16-000190	905 133 Highway
10/16/2019	Footing	John Plano	16-000191	901 Highway 133
10/16/2019	Rough Heating/Ventilation	John Plano	19-000064	1165 HERITAGE Drive
10/17/2019	Rough Heating/Ventilation	John Plano	18-000174	461, 463, 465 Boundary Lane
10/17/2019	Damp Proofing	John Plano	19-000142	389 CRYSTAL CANYON Drive
10/17/2019	Plumbing Underground	John Plano	16-000190	905 133 Highway
10/18/2019	Foundation	John Plano	16-000190	905 133 Highway
10/21/2019	Roofing	John Plano	19-000212	1250 HENDRICK Drive BLDG M
10/21/2019	Insulation	John Plano	18-000244	275 South Fourth Street
10/21/2019	Framing	John Plano	18-000174	461, 463, 465 Boundary Lane
10/21/2019	Inspection	John Plano	19-000067	406 CRYSTAL CANYON Drive
10/21/2019	Plumbing Underground	John Plano	18-000256	295 RIO GRANDE Avenue
10/22/2019	Consultation	John Plano	19-000181	920 COWEN Drive
10/22/2019	Roofing	John Plano	19-000207	130 CRYSTAL Road
10/22/2019	Insulation	John Plano	19-000064	1165 HERITAGE Drive
10/22/2019	Shower Pan	John Plano	19-000027	3680/3700 Crystal Bridge Drive
10/22/2019	Foundation	John Plano	16-000191	901 Highway 133
10/22/2019	Foundation	John Plano	16-000190	905 133 Highway
10/22/2019	Rough Plumbing	John Plano	18-000174	461, 463, 465 Boundary Lane
10/22/2019	Consultation	John Plano	19-000203	1101 Village Road LL4B
10/23/2019	Roofing	John Plano	19-000100	12 MARBLE Court
10/23/2019	Plumbing Underground	John Plano	18-000256	295 RIO GRANDE Avenue
10/24/2019	Framing	John Plano	19-000163	375 OAK RUN Road

10/24/2019	Rough Plumbing	John Plano	19-000163	375 OAK RUN Road
10/24/2019	Roofing	John Plano	19-000189	476 SETTLEMENT Lane
10/24/2019	Insulation	John Plano	18-000174	461, 463, 465 Boundary Lane
10/24/2019	Framing	John Plano	19-000011	700 PERRY RIDGE
10/24/2019	Rough Plumbing	John Plano	19-000011	700 PERRY RIDGE
10/24/2019	Rough Heating/Ventilation	John Plano	19-000011	700 PERRY RIDGE
10/25/2019	Consultation	John Plano	18-000256	295 RIO GRANDE Avenue
10/25/2019	Roofing	John Plano	19-000207	130 CRYSTAL Road
10/25/2019	Plumbing Underground	John Plano	16-000190	905 133 Highway
10/25/2019	Framing	John Plano	19-000215	502 MAIN Street
10/25/2019	Framing	John Plano	19-000216	150 EUCLID Avenue
10/28/2019	Framing	John Plano	19-000204	279 CLEARWATER Road
10/28/2019	Plumbing Underground	John Plano	19-000143	202 Lewies Circle
10/28/2019	Fence	John Plano	19-000192	302 Meadowood Drive Buildings H and L
10/28/2019	Temporary Certificate of Occupancy	John Plano	19-000035	228 Eighth Street
10/28/2019	Window Inspection	John Plano	19-000184	670 NORTH BRIDGE Avenue
10/29/2019	Insulation	John Plano	19-000011	700 PERRY RIDGE
10/29/2019	Foundation	John Plano	16-000191	901 Highway 133
10/29/2019	Final Building	John Plano	19-000035	228 Eighth Street
10/30/2019	Drywall	John Plano	18-000244	275 South Fourth Street
10/30/2019	Insulation	John Plano	19-000163	375 OAK RUN Road
10/31/2019	Final Building	John Plano	17-000233	45 Village Lane 3 UNIT BLDG
10/31/2019	Final Building	John Plano	17-000234	45 Village Lane 4 UNIT BLDG
10/31/2019	Final Building	John Plano	17-000234	45 Village Lane 4 UNIT BLDG
10/31/2019	Final Building	John Plano	17-000234	45 Village Lane 4 UNIT BLDG
10/31/2019	Final Building	John Plano	17-000234	45 Village Lane 4 UNIT BLDG
10/31/2019	Final Building	John Plano	17-000233	45 Village Lane 3 UNIT BLDG
10/31/2019	Final Building	John Plano	17-000233	45 Village Lane 3 UNIT BLDG
11/01/2019	Radon Mitigation	John Plano	19-000143	202 Lewies Circle
11/01/2019	Radon Mitigation	John Plano	18-000256	295 RIO GRANDE Avenue
11/01/2019	Foundation	John Plano	16-000191	901 Highway 133
11/04/2019	Footing	John Plano	19-000163	375 OAK RUN Road
11/04/2019	Window Inspection	John Plano	19-000107	931 WHEEL Circle
11/05/2019	Drywall	John Plano	19-000064	1165 HERITAGE Drive

11/05/2019	Window Inspection	John Plano	19-000183	859 GARFIELD Avenue
11/05/2019	Roofing	John Plano	19-000189	476 SETTLEMENT Lane
11/05/2019	Drywall	John Plano	18-000174	461, 463, 465 Boundary Lane
11/05/2019	In Floor Heat	John Plano	19-000068	162 SOPRIS MESA Drive
11/05/2019	Final Building	John Plano	19-000216	150 EUCLID Avenue
11/05/2019	Shower Pan	John Plano	19-000028	50 CRYSTAL Circle
11/06/2019	Final Building	John Plano	19-000216	150 EUCLID Avenue
11/06/2019	Roofing	John Plano	19-000228	203 Eighth Street
11/06/2019	Roofing	John Plano	19-000100	12 MARBLE Court
11/06/2019	Radon Mitigation	John Plano	18-000256	295 RIO GRANDE Avenue
11/07/2019	Footing	John Plano	19-000180	481/483 Boundary Lane
11/07/2019	Framing	John Plano	18-000174	461, 463, 465 Boundary Lane
11/07/2019	Rough Plumbing	John Plano	18-000174	461, 463, 465 Boundary Lane
11/07/2019	Rough Heating/Ventilation	John Plano	18-000174	461, 463, 465 Boundary Lane
11/07/2019	Plumbing Underground	John Plano	16-000190	905 133 Highway
11/12/2019	Foundation	John Plano	19-000180	481/483 Boundary Lane
11/12/2019	Drywall	John Plano	18-000244	275 South Fourth Street
11/12/2019	Gas Piping	John Plano	19-000036	417 SOPRIS Avenue
11/12/2019	Foundation	John Plano	19-000163	375 OAK RUN Road
11/13/2019	Plumbing Underground	John Plano	16-000190	905 133 Highway
11/13/2019	Foundation	John Plano	16-000190	905 133 Highway
11/13/2019	Foundation	John Plano	16-000191	901 Highway 133
11/13/2019	Final Heating/Ventilation	John Plano	19-000060	760 Latigo Loop
11/13/2019	Gas Piping	John Plano	19-000231	968 MAIN Street
11/13/2019	Gas Piping	John Plano	19-000036	417 SOPRIS Avenue
11/14/2019	Temporary Certificate of Occupancy	John Plano	19-000060	760 Latigo Loop
11/14/2019	Final Plumbing	John Plano	19-000060	760 Latigo Loop
11/14/2019	Roofing	John Plano	19-000228	203 Eighth Street
11/14/2019	Shower Pan	John Plano	19-000064	1165 HERITAGE Drive
11/15/2019	Framing	John Plano	18-000256	295 RIO GRANDE Avenue
11/15/2019	Framing	John Plano	18-000256	295 RIO GRANDE Avenue
11/15/2019	Roofing	John Plano	19-000167	614/616 BRIDGEWATER Place
11/15/2019	Roofing	John Plano	19-000168	633/766 Bridewater & Sebree Place
11/15/2019	Roofing	John Plano	19-000214	571 & 589 Jacobs Place

11/15/2019	Roofing	John Plano	19-000170	580/582 Jacobs Place
11/15/2019	Roofing	John Plano	19-000172	568 Jacobs Place
11/15/2019	Roofing	John Plano	19-000169	526/528 Jacobs Place
11/15/2019	Drywall	John Plano	19-000011	700 PERRY RIDGE
11/18/2019	Insulation	John Plano	18-000174	461, 463, 465 Boundary Lane
11/18/2019	Framing	John Plano	19-000087	1818 Highway 133
11/18/2019	Rough Plumbing	John Plano	19-000087	1818 Highway 133
11/18/2019	Rough Heating/Ventilation	John Plano	19-000087	1818 Highway 133
11/18/2019	Shower Pan	John Plano	18-000174	461, 463, 465 Boundary Lane
11/18/2019	Window Inspection	John Plano	19-000184	670 NORTH BRIDGE Avenue
11/19/2019	Thicken Slabs	John Plano	16-000191	901 Highway 133
11/19/2019	Framing	John Plano	19-000203	1101 Village Road LL4B
11/20/2019	Framing	John Plano	18-000256	295 RIO GRANDE Avenue
11/20/2019	Damp Proofing	John Plano	19-000180	481/483 Boundary Lane
11/20/2019	Window Inspection	John Plano	19-000210	243 SOPRIS Avenue
11/20/2019	Window Inspection	John Plano	19-000209	835 SOPRIS Avenue
11/20/2019	Plumbing Underground	John Plano	16-000190	905 133 Highway
11/21/2019	Footing	John Plano	19-000191	105 Bowles Drive
11/21/2019	Final Building	John Plano	19-000184	670 NORTH BRIDGE Avenue
11/21/2019	Roofing	John Plano	19-000169	526/528 Jacobs Place
11/21/2019	Framing	John Plano	19-000203	1101 Village Road LL4B
11/22/2019	Fence	John Plano	19-000057	255 GARFIELD Avenue
11/22/2019	Consultation	John Plano	19-000036	417 SOPRIS Avenue
11/22/2019	Final Building	John Plano	19-000204	279 CLEARWATER Road
11/25/2019	Framing	John Plano	19-000220	818 INDUSTRY Place
11/25/2019	Gas Piping	John Plano	19-000066	101 Bowles Drive
11/25/2019	Gas Piping	John Plano	19-000026	103 Bowles Drive
11/25/2019	Temporary Certificate of Occupancy	John Plano	19-000036	417 SOPRIS Avenue
11/25/2019	Framing	John Plano	18-000174	461, 463, 465 Boundary Lane
11/25/2019	Rough Heating/Ventilation	John Plano	18-000174	461, 463, 465 Boundary Lane
11/25/2019	Rough Plumbing	John Plano	18-000174	461, 463, 465 Boundary Lane
11/25/2019	Roofing	John Plano	19-000241	1802 133 Highway
11/25/2019	Consultation	John Plano	18-000079	421 & 423 North 8TH Street Units Y & Z
11/25/2019	Consultation	John Plano	18-000078	425 North 8TH Street Unit X

11/26/2019	Temporary Certificate of Occupancy	John Plano	16-000187	710 EUCLID Avenue
11/26/2019	Final Building	John Plano	19-000205	836 EUCLID Avenue
11/27/2019	Foundation	John Plano	19-000191	105 Bowles Drive
11/27/2019	Drywall	John Plano	18-000174	461, 463, 465 Boundary Lane
11/27/2019	Insulation	John Plano	18-000174	461, 463, 465 Boundary Lane
11/27/2019	Temporary Certificate of Occupancy	John Plano	18-000079	421 & 423 North 8TH Street Units Y & Z
11/27/2019	Temporary Certificate of Occupancy	John Plano	18-000078	425 North 8TH Street Unit X
12/02/2019	Roofing	John Plano	19-000241	1802 133 Highway
12/02/2019	Fence	John Plano	19-000229	140 ASH Lane
12/03/2019	Framing	John Plano	19-000067	406 CRYSTAL CANYON Drive
12/04/2019	Plumbing Underground	John Plano	16-000190	905 133 Highway
12/04/2019	Final Heating/Ventilation	John Plano	19-000237	492 North 8TH Street
12/04/2019	Final Building	John Plano	19-000060	760 Latigo Loop
12/04/2019	Framing	John Plano	19-000087	1818 Highway 133
12/05/2019	Roofing	John Plano	19-000167	614/616 BRIDGEWATER Place
12/05/2019	Roofing	John Plano	19-000168	633/766 Bridewater & Sebree Place
12/05/2019	Roofing	John Plano	19-000214	571 & 589 Jacobs Place
12/05/2019	Roofing	John Plano	19-000172	568 Jacobs Place
12/05/2019	Roofing	John Plano	19-000169	526/528 Jacobs Place
12/05/2019	Roofing	John Plano	19-000170	580/582 Jacobs Place
12/05/2019	Final Building	John Plano	18-000079	421 & 423 North 8TH Street Units Y & Z
12/05/2019	Final Building	John Plano	18-000078	425 North 8TH Street Unit X
12/05/2019	Footing	John Plano	19-000194	207 Lewies Circle
12/06/2019	Solar Inspection	John Plano	19-000233	1368 ROCK Court
12/06/2019	Solar Inspection	John Plano	19-000186	806 LAKESIDE Drive
12/06/2019	Solar Inspection	John Plano	19-000200	418 Garfield Avenue
12/06/2019	Footing	John Plano	19-000193	205 Lewies Circle
12/06/2019	Footing	John Plano	19-000195	209 Lewies Circle
12/06/2019	Final Heating/Ventilation	John Plano	19-000246	455 BOUNDARY Lane
12/06/2019	Insulation	John Plano	19-000087	1818 Highway 133
12/09/2019	Roofing	John Plano	19-000153	480 SETTLEMENT Lane
12/09/2019	Roofing	John Plano	19-000221	110 VILLAGE Lane
12/10/2019	Consultation	John Plano	19-000226	179 SOPRIS MESA Drive
12/10/2019	Damp Proofing	John Plano	19-000191	105 Bowles Drive

12/11/2019	Foundation	John Plano	19-000193	205 Lewies Circle
12/11/2019	Foundation	John Plano	19-000194	207 Lewies Circle
12/11/2019	Foundation	John Plano	19-000195	209 Lewies Circle
12/11/2019	Insulation	John Plano	19-000087	1818 Highway 133
12/11/2019	Final Building	John Plano	18-000186	40 PATTERSON Drive
12/11/2019	Drywall	John Plano	18-000174	461, 463, 465 Boundary Lane
12/12/2019	Framing	John Plano	19-000031	1150 Highway 133
12/12/2019	Fence	John Plano	19-000222	525 GRACELAND Drive
12/12/2019	Gas Piping	John Plano	19-000027	3680/3700 Crystal Bridge Drive
12/13/2019	Drywall	John Plano	19-000031	1150 Highway 133
12/13/2019	Final Building	John Plano	18-000200	163 SOPRIS MESA Drive
12/13/2019	Final Plumbing	John Plano	18-000200	163 SOPRIS MESA Drive
12/13/2019	Final Heating/Ventilation	John Plano	18-000200	163 SOPRIS MESA Drive
12/13/2019	Framing	John Plano	19-000067	406 CRYSTAL CANYON Drive
12/13/2019	Fireplace/Gas Stove	John Plano	19-000226	179 SOPRIS MESA Drive
12/16/2019	Fireplace/Gas Stove	John Plano	19-000226	179 SOPRIS MESA Drive
12/16/2019	Final Building	John Plano	18-000217	791 Highway 133
12/17/2019	Framing	John Plano	19-000244	811 MAIN Court
12/17/2019	Rough Plumbing	John Plano	18-000256	295 RIO GRANDE Avenue
12/18/2019	Gas Piping	John Plano	18-000174	461, 463, 465 Boundary Lane
12/18/2019	Framing	John Plano	19-000127	424 CRYSTAL CANYON Drive
12/18/2019	Framing	John Plano	19-000254	530 DAKOTA Court
12/19/2019	Drywall	John Plano	19-000087	1818 Highway 133
12/19/2019	Temporary Certificate of Occupancy	John Plano	19-000028	50 CRYSTAL Circle
12/19/2019	Final Heating/Ventilation	John Plano	19-000253	1197 MAIN Street
12/20/2019	Temporary Certificate of Occupancy	John Plano	18-000174	461, 463, 465 Boundary Lane
12/20/2019	Plumbing Underground	John Plano	19-000193	205 Lewies Circle
12/20/2019	Plumbing Underground	John Plano	19-000194	207 Lewies Circle
12/20/2019	Plumbing Underground	John Plano	19-000195	209 Lewies Circle
12/20/2019	Fireplace/Gas Stove	John Plano	19-000226	179 SOPRIS MESA Drive
12/23/2019	Footing	John Plano	19-000224	48 South Bridge Court
12/23/2019	Radon Mitigation	John Plano	19-000193	205 Lewies Circle
12/23/2019	Radon Mitigation	John Plano	19-000194	207 Lewies Circle
12/23/2019	Radon Mitigation	John Plano	19-000195	209 Lewies Circle

12/23/2019	Gas Piping	John Plano	18-000174	461, 463, 465 Boundary Lane
12/26/2019	Final Building	John Plano	19-000203	1101 Village Road LL4B

Police Department Administrative Quarterly Report

October 1 to December 31, 2019

2019 Fourth Quarter total number of Calls for Service was 2,714. (See attached Incident Analysis Report) The total number of cases was 159.

October Items:

Accident	1 Summoned / 2 Cited / 5 Closed
Burglary	Open
Criminal Mischief	1 Closed
Criminal Trespass	1 Closed
Disorderly Conduct	2 Summoned
Domestic	3 Jailed
Drugs	1 Arrested
DUIs	3 Jailed / 6 Summoned
Fraud	Referred to FBI
MIP (Alcohol)	2 Summoned
Motor Vehicle Theft	Civil Issue
Sex Offense	1 Closed
Suspicious	1 Closed
Theft	7 Closed / 4 Jailed
Traffic Violations	3 Summoned
Warrant	4 Jailed

October Cases of Interest:

Our PD participated with the High School truck rally as part of Homecoming week.

Officers attended most of the volleyball games at the high school.

The PD assisted with the Potato Day Parade.

Officers were on foot/ bicycle patrol for First Friday.

Officer Randy Rodgers was promoted to replace Sgt. Wilhelm. He was one of four highly qualified officers who applied and it was a very difficult decision for Gene and Chris.

Lt. Wurtsmith visited law enforcement academies in the State in hopes to recruit applicants for our police officer positions that were open.

Officers Bill Kirkland, Isabel Leach and Paul Lazo attended a class on Critical Care "Stop the bleeding" Friday. The officers are now instructors and will teach other Carbondale Officers the techniques.

Police officers were downtown doing foot patrol for Celtic fest/Octoberfest.

Carbondale Officer Bell participated in Hazardous Waste Day, E-Waste Disposal and Drug Take Back Day.

Executive Assistant Anna Ramirez and Officer Paul Lazo had a Q and A meeting with members of Valley Settlement. They covered topics like school violence, immigration and bullying.

Officers did saturation patrol for Halloween and handed out glow sticks. Everything went well.

November Items:

Accident	4 Cited / 8 Closed
Assault	1 Summoned
Criminal Mischief	1 Closed
Disturbance	1 Jailed
Domestic	1 Jailed
DUI	6 Summoned/ 1 Jailed
Theft	5 Closed
Tobacco Violation	Restorative Justice
Traffic Violations	2 Summoned
Viol. Restraining Order	2 Closed
Warrant	2 Jailed

November Cases of Interest

First Friday went smoothly with no problems.

School Resource Officer Gretchen Bell attended a one day class called "High in Plain Sight". She said it was an excellent class.

Executive Assistant, Anna Ramirez, Officer Leach, Officer Lazo, Sergeant Rodgers and Sergeant Windham are working with Valley Settlement tonight to host a get together with the Hispanic community and talk about drugs, vaping, bullying, sex assault and immigration.

Executive Assistant Anna Ramirez and Officers Bill Kirkland and Gretchen Bell have been co-teaching RFHS Students a class called "Stop the Bleed".

Officer Bell taught a class concerning sexual assaults at RFHS.

The PD continued searching for qualified applicants to fill our three open police officer positions.

Carbondale Police Officers met with members of the Carbondale Fire Department for some table top active shooter training.

PD staff joined students at both Crystal River Elementary School, Roaring Fork High School and Carbondale Community School for a turkey lunch.

Officer Isabel Leach is currently taking a three day class for Taser Instructor.

The PD has made two conditional job offers (laterals) to fill two of our three open police officer positions. They also made a conditional job offer to fill our ordinance position.

December Items:

Accident	5 Summoned / 5 Closed / 2 Cited
Animal Complaint	1 Summoned
Criminal Mischief	1 Closed
Disturbance	1 Jailed
Domestic Violence	2 Jailed
Drugs	Warrant
DUI	7 Summoned / 3 Jail
Fraud	1 Closed
Menacing	1 Jailed
Motor Vehicle Theft	Warrant

Theft	2 Closed
Tobacco Violation	2 Summoned
Traffic Violation	1 Summoned
Violation Court Order	2 Jailed
Warrant	1 Jailed

December Cases of Interest:

Officer Bill Kirkland finished FBI Arrest Control Instructor School Friday. He is now our 3rd Instructor for the department.

Carbondale Police staff participated in "Shop with a Cop" at Walmart and had lunch at Pizza Hut.

Our newly hired academy students, Richard McNeal and Cameron Herrera passed their Colorado State POST exams. They both started orientation on Monday, December 23rd and begin Field Training the first week of January.

Lt. Wurtsmith assisted the Carbondale Fire Department with orals boards Tuesday to help determine who among their applicants will be the next Operations Division Chief.

October 1 through December 31, 2019 Trainings

Trainings attended for the fourth quarter of 2019:

October 7	High in Plain Sight (Bell)
October 8	High in Plain Sight (Shivley)
November 25	Taser Instructor (Leach)
December 2-6	Defensive Tactics (Kirkland)

January 1 through March 30, 2020 Trainings

Planned for the first quarter of 2020:

January 15	Winter Driving (Lazo)
January 16	Glock Armorer (Kirkland, Shivley, Rupp)
February 11	REID Interview/Interrogation (Leach)
February 25	Intoxylizer (Lazo)

MEMORANDUM

To: Mayor Dan Richardson and Board of Trustees
 From: Chief Gene Schilling
 Re: Police Stats for Administrative 4th Quarterly Report
 Date: January 28, 2020

.....

The following are the requested statistics from October 1, 2019 to December 31, 2019.

Citations

RVR	11
Assault	2
Careless Driving	6
Child Abuse	1
Criminal Mischief	2
Criminal Trespass	2
Dangerous Dog	1
Disobeyed Traffic Control Device	10
Disorderly Conduct	1
Dog At Large	1
Domestic Violence	6
Driving Under Restraint	2
Duty to Report Accident	2
DUI	36
Habitual Traffic Offender	1
Harassment	7
MIP-Alcohol	2

MIP-Marijuana	1
No Valid Driver's License	24
Nuisance Dog	1
Open Container	2
Operated Uninsured vehicle	8
Parking	15
Plates/Registration	6
Reckless Driving	5
Resisting Arrest	2
Speeding	51
Theft	5
Tobacco Violation	3
Violation of Restraining Order	4
Other	22

Cases

Accidents	32
Animal Complaint	3
Assault	2
Assist Citizen	1
Burglary	2
Child Abuse	1
Civil Matter	1
Criminal Mischief	4
Criminal Trespass	1

Damage Private/Public Property	5
Disturbances	3
Domestics	7
Drugs	4
Driving Under Influence/ Driving with Ability Impaired	28
Fraud/Forgery	4
Harassment	1
Information	3
Menacing	1
Mental Health	2
MIP	1
Missing Person	1
Motor Vehicle Theft	1
Sex Offense	6
Thefts	24
Tobacco Violation	3
Traffic Violation	7
Violation of a Court Order	5
Warrants	6

159 cases reported for this period.

Attached are the School Resource Officer's Reports for October, November and December of 2019. **The Quarterly SRO Report for 2019 Winter School Year.**

Attached are the TRIDENT arrests and drugs, assets and weapons seized for October, November and December of 2019. Also attached is the disposition data.



Incident Analysis Report

Summary By Incident Type



Print Date/Time: 01/16/2020 15:00
 Login ID: aramirez
 Incident Type: All

From Date: 10/01/2019 00:00
 To Date: 12/31/2019 23:59

Carbondale Police Department

Call Source: All

Officer ID: All

Location: All

Incident Type	Number of Incidents
911	39
AbanVeh	13
Accident	59
Alarm	38
Alcohol Violation	1
Animal-Livestock	6
Animal-Pet	100
Animal-Wildlife	9
Assault	3
Assist	159
Assist Citizen	159
Assist EMS	8
Assist Fire	1
Assist Other Agency	9
Asst/Fire Dept/EMS	2
ATL	4
Building Check	9
Burglary	2
Civil	25
Code Violation	39
Criminal Mischief	2
Damage to Property/Vandalism	9
Directed Patrol	84
Disturbance	21
Domestic	16
Drug Investigation	7
Family Offenses	1
Fight	3
Fingerprints	9
Follow Up	360
Found Property	23
Fraud	11
Harassment	17
Hazards	9
House Watch	3
Information	4

Juvenile	19
Liquor/Alcohol	6
Lost Property	24
Missing Person	13
Motor Vehicle Theft	3
Motorist Assist	21
Noise Complaint	11
Parking Prob/Comp	363
Phone Call	2
Private Tow	2
Public Works Call Out	1
REDDI Report	2
Restraining Order	6
Sex Offender Registration	7
Sex Offense	4
Sexual Assault	1
Special Assignments	17
Suicidal Subject	9
Suspicious Event	83
Theft/Larceny	43
Traffic	666
Transient	4
Trespass	9
Vehicle Lockout	39
VIN Inspection	65
Warrant	5
Weapons	2
Welfare Check	23
Total:	2714

4th Quarter 2019
TRIDENT Statistics
 October 1, 2019 thru December 31, 2019

Drugs Seized:

DRUG TYPE	DRY	LIQUID	PILLS/DOSES/PLANTS	VALUE
Heroin				\$0.00***
Cocaine	24.4g (.05 lbs)			\$1,464.00***
Methamphetamine	13207.8g (29.12 lbs)			\$528,312.00***
Marijuana				\$0.00****
Marijuana Plants (indoor grow)				\$0.00****
Marijuana Plants (outdoor grow)				\$0.00****
Marijuana Products (edibles, hash, etc.)				\$0.00*****
Club Drugs*				\$0.00****
Hallucinogens**				\$0.00*****
Pharmaceuticals				\$0.00****
Methylphenidate hydrochloride			3 tablets	\$15.00****
Xanax			5 tablets	\$62.50*****
Total:				\$529,853.50

* MDMA, GHB, Ketamine, Rohypnol, etc.

** LSD, PCP, Peyote, Mescaline, Psilocybin, etc.

*** Amounts shown have been calculated using estimates from previous TRIDENT undercover purchases

**** Amounts shown have been calculated using RMHIDTA's 2017 Colorado Drug Prices Table

***** Amounts shown have been calculated using <http://www.streetrx.com>

Assets Seized:

Cash	\$30,000.00
Vehicles	\$0
Real Property	\$0
Other	\$0
Total:	\$30,000.00

Weapons Seized:

Handguns (Pistols/Revolvers)	0
Rifles/Shotguns	0
Machine Guns/Assault Weapons	0
Explosive Devices	0
Other	0
Total:	0

Cases by City Area:

CASES	
Carbondale	0
Glenwood Springs	7
New Castle	1
Silt	0
Rifle	2
Parachute	0
Other	0
Total:	10

Arrests by City Area:

ARRESTS	
Carbondale	0
Glenwood Springs	9
New Castle	2
Silt	0
Rifle	1
Parachute	0
Other	0
Total:	12

Parks & Recreation Department Quarterly Director's Report– Oct, Nov, Dec 2019

ADMINISTRATION REPORT

1. **GOCO-Greater Outdoors Colorado 2019 Grant information:** *Aquatics Facility Master Plan Update.* An 11-month consulting project kicked off in December, which includes the formation of a Steering Committee, a public survey, collection of community feedback at outreach events, and a public design charette. These efforts will focus on the replacement of our existing aquatics facility.
2. **Red Hill Trails Update:** Red Hill Trail signs are in production with Arrow Sign and Design. Locations have been selected for all signs. Installation was delayed due to a sign manufacture glitch in colors and then winter conditions. These will be installed as soon as they are produced.
3. **North Face Young-Calaway Alpine Bank Pickleball Court:** This construction project conducted a post-tensioned slab pour on October 23rd for the court surfaces. Finishing top layers of the court surface and the surrounding sidewalks and pathways will take place next spring, along with a grand opening pickleball tournament.

PARKS MANAGEMENT:

1. **Sopris Park:** Special Events held at the park:
 - Potato Day
2. **4th Street Plaza Park:** Special Events held at the park
 - Celtic Fest and Oktoberfest
 - Light Up Carbondale
3. **North Face Park:** The outfield of the Bill Hanks Ballfield was utilized by the Roaring Fork Soccer Club to conduct a fall nighttime soccer league under the lights.
4. **Community Garden at Hendricks Ranch:** Stephanie Riverman acting as the co-Garden Leader with Linda Giseke with Terry Lee acting as Trusurer. At the fall election of officers for the 2020 gardening season at the annual meeting on the third Wednesday in October, Stephanie, Linda and Terry were voted into the positions for 2020.
5. The Town of Carbondale Parks & Recreation Department is supporting Western Colorado University graduate student Genevieve Villamizar's master's project, an Integrative Environmental Research Project for Carbondale's Nature Park. Genevieve J. Villamizar is pursuing her (MEM) Masters in Environmental Management Degree. The MEM is a 600 + hour project that second-year students complete with a government agency. The Parks & Recreation Commission and the Town of Carbondale Parks & Recreation Department are acting as the project partner to provide assistance and feedback in developing ideas, critical and timely feedback and a thorough review of the completed project. A stakeholder steering committee has been formulated and a public survey is being developed to gather information on user groups and needs. The survey will be available in mid- February. Questions, please email Genevieve at salt.dirt@gmail.com
6. **Parks Department Scope of Work:**
 - October 2019:**
 - Assembled and then disassembled Potato Day's fence, planks, sawhorses, and copper kettle to be stored at PW yard.

- Work completed on demolition of Miners' Park playground for the replacement scheduled for October 21st. Playground was closed until complete, tentatively the end of October. The majority of the old playground elements will be repurposed. The new playground at Miners' Park was funded by Garfield County Federal Mineral Lease District grants, the Mt. Sopris Rotary Club, and the Town of Carbondale. A 45-day public comment period occurred for the naming of the new playground. The Mt. Sopris Rotary Club donated to the project and proposed the new name be "Mt. Sopris Rotary Club Playground."
- Winterized 38 irrigation systems. Winterized 12 town bathrooms. Removed 4 large irrigation pumps. Removal of trash and dog waste three times a week. Parks Department hired Mark Nersesian for our full-time Parks Maintenance position.
- Removal of leaves in parks, transferred leaves to the Carbondale Historic Food Forest permaculture project at the Thompson House Historic Park. Winterized RV Park.
- Working on phase one of a plan to provide 50-amp service to the power pedestals at the Gateway RV Park. Gateway RV Park, located on County Road 106, directly above the Bob Terrell State Wildlife Area and the Carbondale Boat Ramp closed for the season on October 1st, 2019. Reservations for next season opened on October 25th at www.gateway-rv-park.com. The Gateway RV park will be open from May 1 to October 1, 2020.
- Finalized budget for 2020 Parks Department.

November 2019:

- Leaf removal, trim branches on trails and parks, transferred leaves to the Carbondale Historic Food Forest permaculture project at the Thompson House Historic Park
- Finished setting benches and edging around the new Miners' Park playground, as well as placed the engineered wood chips, and cleaned up around it so that it could open to the public. This project was funded by Garfield County Federal Mineral Lease District grants, the Rotary Club and the Town of Carbondale.
- Recreation Facilities Lead position assisted with multiple maintenance tasks at the Rec Center including running a new cable for the Fitness Area TV and replacing the air filters in the rooftop HVAC system.
- Removed 8 soccer goal nets and chained goals together. Laid out ice rinks.
- Trash, dog waste removal three times a week.
- Red Hill Trailhead received a new trash can and recycle container. Staff spent some time working on the B-line Trail crux sections to deal with some erosion issues by widening the trail and installing some support walls and trail armoring. Additional work will continue when the weather cooperates throughout the winter months.

December 2019:

- Conducted Staff Evaluations
- Locked Nuche park for seasonal closure. Riverfront Park and Nuche Park are now closed to public or private use until March 15th in observance of a Colorado Division of Wildlife BECA (Bald Eagle Closure Area). All human activity is prohibited in the BECA (Bald Eagle Closure Area) during such closure periods.

- Helped with liner at ice rink at rodeo grounds and at the downtown rink. Sharpened ice skates. Rinks constructed and operational by December 21st.
- Ice removal downtown as well as other sidewalks and paths. Trash and dog waste removal three times a week.
- Prepped rodeo grounds for the second Full Moon Tri Race.

SPECIAL EVENTS

1. **Special Event Task Force:** The Special Events Task Force & Street Closure Committee met on November 20th, 2019 to review, recap, and discuss 2019 special events and street closures. The Special Event Task Force met again on December 4th to discuss and finalize the 2020 special events calendar and to receive a report from event organizers bringing new events to Town property. The Task Force unanimously accepted the new event proposals. The calendar was presented to the Parks & Recreation Commission on December 11th and received approval. The Trustees had a look at the 2020 special events calendar at their first meeting in 2020 on January 14th and approved a list of the special events that organizers are seeking permission to host within town parks, town owned facilities, or on town streets in 2020. New events approved for 2020 include the following:

- O2 Outdoor Women's Festival, September 17-20
- Roaring Fork Pickleball Association Pickleball Tournaments at the Young-Calaway Alpine Bank Pickleball Courts at the North Face Park, May 30th, June 18-20th, August 22-23rd, September 12th & 13th

The Trustees also approved new bounce House Rules for Sopris Park and new gross vehicle weight restrictions for food trucks and vehicles accessing the parks for special events. This language will be added to our facility use agreements and to the private rental agreements for the Sopris Park Picnic Shade Shelter.

2. **First Fridays:**

- Homecoming-October (Potato Day)
- Día De Los Muertos-Nov
- Light Up Carbondale-Dec

3. **Potato Day:** Carbondale's Historic *Potato Day* Celebration took place on Saturday, October 6th this year. The Potato Day Committee, consisting of representatives of the Town of Carbondale, Mt. Sopris Historical Society, Sopris Sun, and Carbondale Library created the festival for the 111th Potato Day celebration. After expenditures and a stipend was pulled out for next year's startup capital for the event, the Carbondale Historical Society was the recipient of the remaining proceeds.

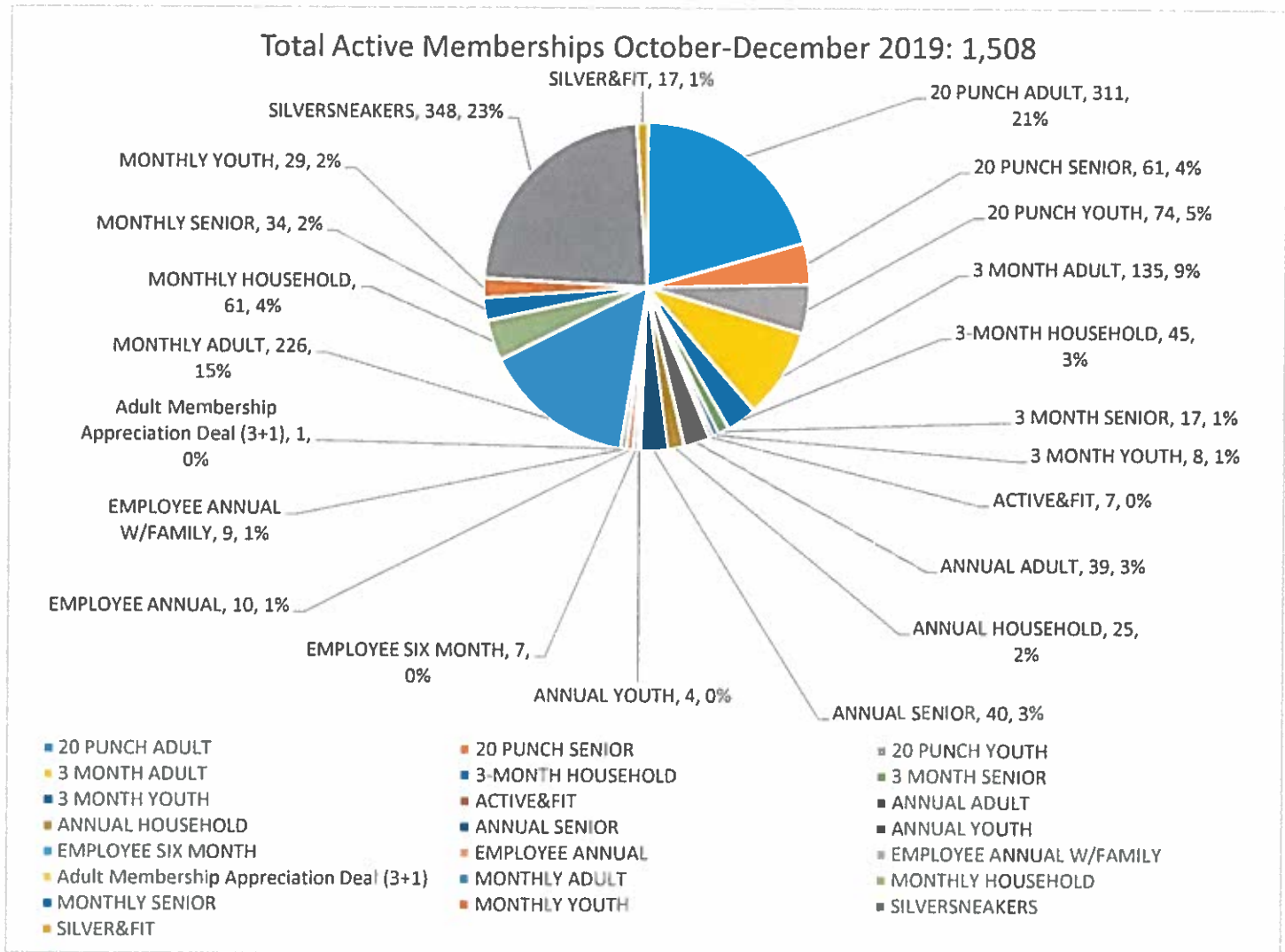
4. **Turkey Trot:** 3rd Annual Parks and Rec *Huffin for Stuffin Turkey Trot* and *Cyclocross Races* were held on Thanksgiving Day (Thursday, November 28) at North Face Park. The Turkey Trot had 5K and 2.5K distance options and the Cyclocross Bike Races had multiple racing options.

5. **Light Up Carbondale:** On Friday, December 6th from 5-8pm, the Town of Carbondale Parks and Rec Department along with Carbondale Arts, the Carbondale Chamber, and the First Friday Committee invited everyone to light up Carbondale and welcome Santa. Santa took wishes at the Launch Pad from 3-7pm along with classic Holiday Movies. At the corner of Weant and Main Street, where Santa, along with the Carbondale Fire Department, and the Choir from Roaring Fork High School sang prior to the light up of the big Forest Service tree as well as all of Main Street lights at 5:30pm. Then the crowd walked to the 4th Street Plaza for hot chocolate, cookies, a fire pit, and a chance to get pictures with Smokey the Bear. The public had the opportunity to ride for free a horse drawn sleigh with Santa until after 7pm.

Recreation Department Quarterly Managers Report– October, November, December 2019

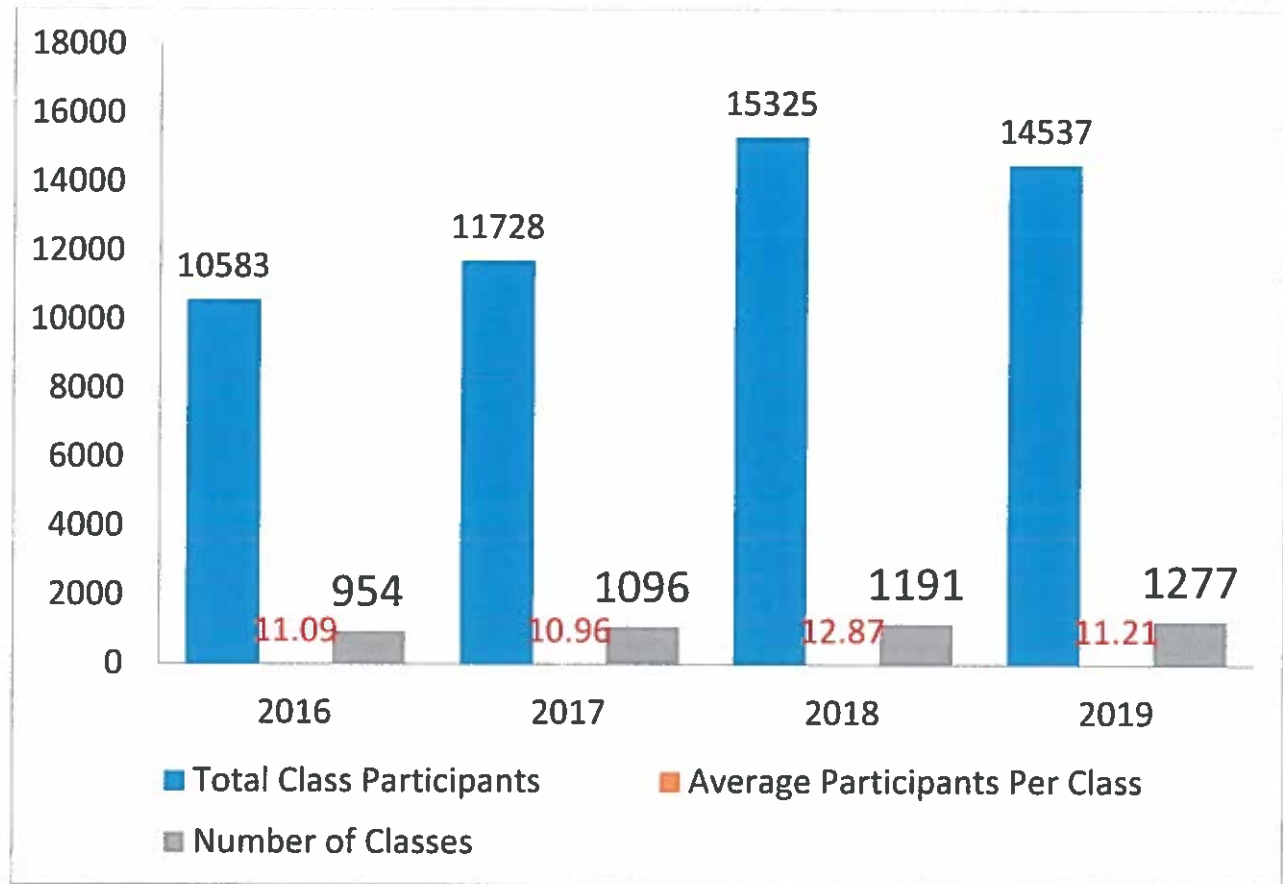
RECREATION & COMMUNITY CENTER UPDATE:

- The active membership count for the CRCC as of December 31, 2019 was 1508. That is 16 fewer members than last year at this time. Membership demographics present the membership breakdown below.



- Recreation Center private rentals for October, November, December:** 8 Birthday Parties and 1 Full Gym Rental for a Martial Arts Tournament
- Recreation Center Marketing:** Fall Brochure was produced in-house and distributed as a 4,500 (mondo) color brochure run and were inserted into the September 12 edition of the Sopris Sun and the other 1,000 were distributed locally. Winter/Spring Brochure was produced and distributed in the December 19 edition of the Sopris Sun and distributed locally with the same numbers as the Fall Brochure.
- Recreation Center Classes included in membership:** Silver Sneakers Classic, Chair Yoga, Hatha Yoga, Yin Yoga, Core Cardio, Tai chi, Summit Conditioning, Interval training, Zumba, Foam Rolling, Circuits and Conditioning, Alpine Training, Body Pump, HardCORE, Base Camp Cycling.

Quarterly/End of Year Class Participation Year vs. Year Comparison



- In 2019 86 more classes were offered over the course of the year than in 2018; 1392 vs 1191. There were 788 fewer class participants overall in 2018 vs 2019. The goal was to offer more classes this year to decrease the overall class sizes. Last winter (2018/2019) the popular classes were averaging 20-30 participants and we didn't have enough equipment and space to accommodate everyone. So far in the last quarter we are seeing the classes better accommodated in our space.
 - Oct/Nov/Dec Fitness Classes
2018: 2497 participants/275 classes/9.08 per class
2019: 3823 participants/317 classes/12.05 per class
 - Personal Training and Body Composition 2018 vs 2019
We are still trying to find a male and bi-lingual trainer.
2018 – 99 personal training sessions for \$4,265
2019 – 235 personal training sessions for \$10,895
5. Quarterly Wellness Events
- Cooking Classes
 - Canning Pie Filling – 5
 - Cooking Under Pressure Med Style – 10

- Fork and Pan Oct – 7
- Fork and Pan Nov - 12

6. **Recreation Center Specialty Classes:** October-December 2019 specialty classes include *Taekwondo* (ongoing) and *Base Building for Cyclists*, which started in December and will run through March. *Base Building* classes are offered in monthly installments and take place Tuesday & Thursdays at three time slots. There were 35 participants registered for December. *Taekwondo* is averaging 12.67 students per class for this time frame and takes place on Tuesday and Thursday nights from 6:30-8pm in the gymnasium space.
7. **Recreation Center Programming:**
 Pre-school Programming- Motion Mondays & Wacky Wednesdays, Rosybelles Preschool Art
 School Age Programming: Youth Climbing Classes, Dinky Dunkers, Youth Basketball League, Dodgeball Derivatives, Early Release Wednesdays Open Gym
 Adult Classes: Fall and Winter Coed Volleyball Leagues, and drop-in sports including Pickleball on Tuesdays, Thursdays, and Saturdays, Basketball on Wednesday nights, Indoor Soccer on Friday nights.
 Senior Programming: Battlement Mesa Craft Fair and Grand Junction Shopping Trip
8. **Recreation Department Special Events:**
 Celtic Fest & Oktoberfest, Turkey Trot, Light Up Carbondale

Final Analysis Celtic/Okt Fests	
Expenses	\$ 25,383.51
Revenue	\$ 22,761.65
Additional Revenue	
Cost Recovery	89.67%

Final Analysis Turkey Trot	
Expenses	\$ 2,473.04
Revenue	\$ 2,165.00
Additional Revenue	
Cost Recovery	87.54%

Turkey Trot:

- a. 51 Pre-Registered (2 entries just for the Turkey Hat)/31 Day of = 82 total racers
- b. Increased cost recovery by 8% over 2018, next year will look for sponsors.

9. **Recreation Department Programming and Amenities:**

Both Ice Rinks were open and operational by Saturday, December 21. Skate rentals are available at the Carbondale Recreation Center for \$3/day (24 hour period) or \$10 for 3 days. We also offer skate sharpening with a drop off and pick up at the CRCC for \$5. We do rent out the Gus Darien Ice Rink to private parties. We had 1 rink rental in December. CRES has multiple school rentals from January 7-10.

Program	Participants	Expenses	Revenue	Cost Recovery
Children's Level 1 Climbing (Beginner)	19	\$603.79	\$855.00	141.61%
3 sessions				
Children's Level 2 Climbing (Intermediate)	18	\$603.79	\$810.00	134.15%
3 sessions				
Children's Level 3 Climbing (Advanced)	7	\$603.79	\$315.00	52.17%
3 Sessions				
Totals	44	\$1,811.37	\$1,980.00	109.31%

Final Analysis: Our Youth Climbing Classes did very well for the Beginner and Intermediate sessions Fall 2019. Because the numbers were so low for Advanced, we cut that session for all of Spring 2020. Climbing is a specialized activity so it warrants a higher per session fee (\$15/hr), but this helps cover the instructor cost and equipment costs (autobelay recerts and new climbing rope). We will continue to offer both the Beginner and Intermediate sessions throughout 2020.

Adult Programs Report: Oct, Nov, Dec 2019

Program	Participants	Expenses	Revenue	Cost Recovery
Fall Adult Coed Volleyball	12 teams	\$1,086.00	\$2,200.00	202.58%
Totals	12 teams	\$1,086.00	\$2,200.00	202.58%

Final Analysis: The Fall Adult Coed Volleyball League continues to be a successful program. It is very cost-effective for us to run as it is self-officiated which greatly reduces subsequent expenses. It maxed out at 12 teams which means it is something that the adults in the valley continue to want, and for these reasons we will continue to offer it and its follow-up winter league.

Youth Programs Report: Oct, Nov, Dec 2019

Program	Participants	Expenses	Revenue	Cost Recovery
Dinky Dunkers	32	\$402.00	\$1,440.00	358.21%
Youth Dodgeball	18	\$77.00	\$540.00	792.86%
Totals	50	\$479.00	\$1,980.00	413.36%

Final Analysis: Both Q4 youth programs, Dinky Dunkers and Dodgeball, are very popular programs as evidenced by the numbers. This year we actually had to add a second time slot for the boys as we had so many on the waitlist. Both are very cost-effective programs as the main expenses are just staff time. Plus, as after-school programs, they serve a vital role in the community by giving kids 5-12 years a place to go to run off some energy, learn a sport, and make new friends.

Senior Programs Report: Oct, Nov, Dec 2019

Senior Programs	Participants	Expenses	Revenue	Cost Recovery
Fall 3.5 Pickleball Ladder League	12	\$144.00	\$240.00	166.67%
Battlement Mesa Craft Fair	6	\$507.29	\$60.00	11.83%
GJ Shopping Trip	5	\$609.21	\$50.00	8.21%
Winter on the Mountain	8	\$211.66	\$80.00	37.80%
Totals	31	\$1,472.16	\$430.00	29.21%

Final Analysis: The Pickleball Ladder League was a new program introduced and instructed by the former RF Pickleball Association President. It occurred after hours in the gym and incurred only the instructor expense. Our Senior Trips are heavily subsidized, which is in line with our philosophy, and greatly appreciated by that population. We have found if we raised rates above \$10, we do not draw the numbers to make the programs go. Therefore, the revenue will never cover the expenses, but the benefits for the seniors still outweigh the costs. We will continue to offer these trips at these rates.

Preschool Programs Report: Oct, Nov, Dec 2019

Preschool Programs	Participants	Expenses	Revenue	Cost Recovery
Motion Monday/Wild and Wacky Wednesday	244	\$622.49	\$1,154.00	185.38%
Rosybelles Art Bus	19	\$240.00	\$190.00	79.17%
2 Sessions				
Totals	263	\$862.49	\$1,344.00	155.83%

Final Analysis: Motion Monday and Wild and Wacky Wednesday are ongoing, drop-in activities that are parent-supervised. With a minimal investment on our part (supplies and some staff time for set up and take down), we are able to provide 2.5 hrs of preschool fun each week. Rosybelles Art Bus was a registration-based program. It is capped at 10 preschoolers and therefore has a revenue limit that does not match the expenses of the instructor/bus. However, our philosophy supports subsidizing preschool activities—particularly ones that are enriching in nature, and allow us to collaborate with the local arts initiative.

**MINUTES
TREE BOARD
December 19, 2019**

CALL TO ORDER

Dan Bullock called the meeting to order at 6:15 pm on December 19, 2019 in the Town Hall meeting room.

ROLL CALL

The following members were present for roll call:

Members Present:	Dan Bullock, Co-Chairperson Lisa Paige, Member JoAnn Teeple, Member Sarah Kemme, Member Kim Bock, Member
Town Staff Present:	Mike Callas, Town Liaison Marty Silverstein, Board of Trustees Representative Kae McDonald, Boards and Commissions Clerk
Guests & Observers:	None Present

CONSENT AGENDA

Motion Passed: Kim ***moved*** to approve the September 2019 Tree Board minutes. Sarah ***seconded*** the motion, and it was ***unanimously approved***.

PERSONS PRESENT NOT ON THE AGENDA

There were no persons present, not on the agenda, to address the Board.

MAIN STREET TREES—PLANNING FOR PUBLIC MEETING

Dan opened the discussion by pointing out that many of the existing trees along Main Street are not thriving, and the locations of the trees increase their susceptibility to vehicular damage. In order to move forward with a plan to replace the trees—and possibly reconfigure their locations along Main Street—a public meeting is needed to gather information from downtown users. Dan referred back to the tasks assigned in September. To flesh out concepts, Kim indicated that public discussion is needed to understand what downtown users would like to see. Dan suggested that one possibility would be to move the locations of trees to the bulb-outs where they are more protected. Joanne added that the bulb-outs would also provide enough room that the trees could be placed in elevated planters. Kim followed up that fewer trees might be better.

Dan gave Lisa and Sarah some leads for possible grants that could help fund upcoming projects. He suggested that they touch base with Nick Miscione--the Historic Preservation Commission Chair—because there might be some collaborative projects that could get some funding. He also suggested checking with the Colorado Tree Coalition and the Arts community for possible help with design. Mike pointed out that there may be a new Excel Foundation Grant that could be explored for funding. Dan asked Lisa and Sarah to bring ideas for grants to the January meeting.

Dan set a goal to have the public meeting as part of the April Tree Board meeting. To that end, he and Joanne will contact various groups and residents/businesses along Main Street to promote attendance.

REVIEW OF 2019 TREES PROJECTS

Mike has completed to 26th annual Tree City application for 2020. The Carbondale Arbor Day celebration is planned for the first weekend in May. In 2019, Mike planted 13 trees, pruned 150, and removed 9. Dan asked if there were any trees of note, to which Mike replied that none of the

London Plane Trees did well. Mike thought it might have had more to do with that particular shipment of trees, rather than the failure of this type of tree to thrive in Carbondale. The trees along Third Street was a failed project because the irrigation system never came online. However, he did point out that the Ghingko and Hackberry did well despite the lack of water.

Dan asked if there were any suggestions for an Arbor Day project. Mike replied that there may be a really good opportunity at the new pickleball courts at North Face Park. He went on to say that although three Autumn Blaze Maples had to be removed in order to make way for the new courts, there is an opportunity to plant 12 new trees bordering the courts on the back side and into the turf. Mike did point out that the other trees at North Face Park bordering Roaring Fork High School were in poor condition—again, due to lack of water. Joanne asked if there was a possibility that the irrigation systems could be separated out so that the trees don't get neglected. Dan suggested Mike check on any Colorado Tree Coalition funding opportunities for the project.

DISCUSSION OF TREE ARTICLES FOR THE SOPRIS SUN

Dan brought up the fact that the Sopris Sun ran an article on Michael a few weeks ago, and that he would like to build on that information by setting up a regular schedule of tree articles to submit to the newspaper. The articles need to be between 750 and 1,000 words. Kim suggested that each Board member write one article. Dan assigned each board member to bring at least one idea for an article to the February Tree Board meeting. Joanne suggested a collaborative project with Carbondale Arts might be to design a "weed tree of the month" card for distribution at various places along the Rio Grande Artway.

HOUSEKEEPING

Dan brought up an incident at the Board of Adjustment in which a building permit had been denied. His concern was that the format for denying the permit had eliminated all of the items on landscaping. He went on to say that while the Planning Department is doing a good job in reviewing landscaping requirements, the Planning and Zoning Commission is not recognizing the importance of these same requirements. Dan would like to get on a P & Z agenda in order to emphasize the importance of the landscaping as part of the overall site plan, and that a landscape plan signed by a Landscape Architect should be required as part of the submittals.

ADJOURNMENT

The December 19, 2019, regular meeting adjourned at 7:15 p.m. The next regular meeting is scheduled on January 16, 2020 at 6:00 pm.

Respectfully submitted,
Kae McDonald