City of Helena / Lewis & Clark County, Montana -- Reserves and Projections

Template

2016 (Year Ending June 30)

Facility or Unit Number	Model Yr or, Year Acquired	Item Description	Additional	Reserve Goal	Annual Reserve Increment	Projected Reserve 2016	Full Life (est.)	Replace In (year)	Current 2016	1 2017	2 2018	3 2019	4 2020	5 2021	6 2022	7 2023
Information Technology & Services																
		Enterprise Equipment														
CCB	2005	Central iSeries (Rvw Yr to Yr)	0	57,230	4,402	48,425	13	2018	-----	-----	57,230	-----	-----	-----	-----	-----
CCB	2008	Fluke Meter - Network Testing Equipment	0	11,270	939	7,513	12	2020	-----	-----	-----	-----	11,270	-----	-----	-----
CCB	2008	Server Room Air Conditioning Unit	0	41,870	2,094	16,748	20	2028	-----	-----	-----	-----	-----	-----	-----	-----
CCB	2014	Wi-Fi Analyzer - Network Testing Equipment (Purchased FY15)	0	3,260	652	1,304	5	2019	-----	-----	-----	3,260	-----	-----	-----	-----
CCB	2011	Enterprise Storage Area Network System Hardware (Compellent)	0	78,050	13,008	65,042	6	2017	-----	78,050	-----	-----	-----	-----	-----	78,050
CCB	2014	Enterprise Backup Hardware (Unitrends) Purchased FY15	0	22,290	4,458	8,916	5	2019	-----	-----	-----	22,290	-----	-----	-----	-----
CCB	2014	Enterprise Virtual Desktop Hardware	0	124,820	12,482	24,964	10	2024	-----	-----	-----	-----	-----	-----	-----	-----
		Subtotal	0	338,790	38,035	172,912			0	78,050	57,230	25,550	11,270	0	0	78,050
		GIS														
Enterprise Wide	2013	City and County Ortho Imagery Update	0	97,000	19,400	58,200	5	2018	-----	-----	97,000	-----	-----	-----	-----	97,000
CCB	2014	GPS Receiver Unit for Capturing Coordinates	0	7,780	1,556	3,112	5	2019	-----	-----	-----	7,780	-----	-----	-----	-----
CCB	2008	Main SQL Server Software for City / County GIS (rvw yr to yr)	0	12,360	1,373	10,987	9	2017	-----	12,360	-----	-----	-----	-----	-----	-----
		Subtotal	0	117,140	22,329	72,299			0	12,360	97,000	7,780	0	0	0	97,000
		Enterprise Software														
Enterprise Wide	2015	Enterprise Desktop Software Suite	0	96,800	19,360	19,360	5	2020	-----	-----	-----	-----	96,800	-----	-----	-----
CCB	2010	Enterprise DNS Management Software (INFOBLOXS)	0	29,800	4,967	29,800	6	2016	29,800	-----	-----	-----	-----	-----	29,800	-----
CCB	2014	Enterprise Desktop Anti-Virus/Spyware Software - NOD32 (3 year	0	5,900	1,967	3,933	3	2017	-----	5,900	-----	-----	5,900	-----	-----	5,900
CCB	2014	Enterprise Email Retention / Reload / Anti-Virus / Vertigo (GWAVA	0	32,280	10,760	21,520	3	2017	-----	32,280	-----	-----	32,280	-----	-----	32,280
CCB	2012	One Solution SQL Server Software	0	12,370	2,062	8,247	6	2018	-----	-----	12,370	-----	-----	-----	-----	-----
CCB	2014	Enterprise Storage Area Network Maintenance (Compellent)	0	20,660	6,887	13,773	3	2017	-----	20,660	-----	-----	20,660	-----	-----	20,660
CCB	2014	Enterprise Backup System Maintenance (Unitrends)	0	27,820	5,564	11,128	5	2019	-----	-----	-----	27,820	-----	-----	-----	-----
CCB	2013	Enterprise VMWare (first host)	0	8,670	1,734	5,202	5	2018	-----	-----	8,670	-----	-----	-----	-----	8,670
CCB	2014	Enterprise VMWare (second / third host)	0	25,760	5,152	10,304	5	2019	-----	-----	-----	25,760	-----	-----	-----	-----
CCB	2012	Enterprise VMWare Vcenter/vShpere (OS)	0	6,390	1,065	4,260	6	2018	-----	-----	6,390	-----	-----	-----	-----	-----
CCB	2014	Enterprise OS SQL Server Software Maintenance	0	1,750	292	583	6	2020	-----	-----	-----	-----	1,750	-----	-----	-----
		Subtotal	0	268,200	59,808	128,111			29,800	58,840	27,430	53,580	157,390	0	29,800	67,510
		Generators/UPS														
City/County Building	2006	City/County Building Generator	0	31,720	1,586	15,860	20	2026	-----	-----	-----	-----	-----	-----	-----	-----
Waste Water Plant	2008	Waste Water Plant Generator	0	13,420	671	5,368	20	2028	-----	-----	-----	-----	-----	-----	-----	-----
CCB	2008	30 KVA UPS	0	18,410	1,841	14,728	10	2018	-----	-----	18,410	-----	-----	-----	-----	-----
CCB	2008	10 KVA UPS	0	4,330	433	3,464	10	2018	-----	-----	4,330	-----	-----	-----	-----	-----
Clinic	2014	16 KVA UPS	0	14,080	1,408	2,816	10	2024	-----	-----	-----	-----	-----	-----	-----	-----
		Subtotal	0	81,960	5,939	42,236			0	0	22,740	0	0	0	0	0
		Telecom Equipment														
Enterprise Comm	2008	ATA 186 Analog Phone Device	0	6,720	840	6,720	8	2016	6,720	-----	-----	-----	-----	-----	-----	-----
Enterprise Comm	2010	ATA 187 Analog Phone Device	0	1,990	133	796	15	2025	-----	-----	-----	-----	-----	-----	-----	-----
Enterprise Comm	2010	Cisco 7911 Basic IP Phone	0	1,190	79	476	15	2025	-----	-----	-----	-----	-----	-----	-----	-----
Enterprise Comm	2008	Cisco 7941 2-Button Phone	0	4,680	585	4,680	8	2016	4,680	-----	-----	-----	-----	-----	-----	-----
Enterprise Comm	2010	Cisco 7942 2-Button Phone	0	10,970	731	4,388	15	2025	-----	-----	-----	-----	-----	-----	-----	-----
Enterprise Comm	2008	Cisco 7961 6-Button Phone	0	4,820	603	4,820	8	2016	4,820	-----	-----	-----	-----	-----	-----	-----
Enterprise Comm	2010	Cisco 7962 6-Button Phone	0	124,300	8,287	49,720	15	2025	-----	-----	-----	-----	-----	-----	-----	-----
Enterprise Comm	2015	Cisco 8841 5-Button Phone	0	3,850	257	257	15	2030	-----	-----	-----	-----	-----	-----	-----	-----

City of Helena / Lewis & Clark County, Montana -- Reserves and Projections

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Clinic	2010	24 Port Analog Adapter		0	3,470	434	2,603	8	2018	-----	-----	3,470	-----	-----	-----	-----	-----
LEC	2010	24 Port Analog Adapter		0	3,470	434	2,603	8	2018	-----	-----	3,470	-----	-----	-----	-----	-----
MRTP	2011	WTP Analog Gateway		0	1,580	316	1,580	5	2016	1,580	-----	-----	-----	-----	1,580	-----	-----
Ten Mile WTP	2011	WTP Analog Gateway		0	1,580	316	1,580	5	2016	1,580	-----	-----	-----	-----	1,580	-----	-----
LEC	2010	lec-voiprouter		0	4,870	609	3,653	8	2018	-----	-----	4,870	-----	-----	-----	-----	-----
Dispatch (Airport)	2011	Dispatch VOIP Router		0	6,660	833	4,163	8	2019	-----	-----	-----	6,660	-----	-----	-----	-----
WWTP	2010	WWTP VOIP Router		0	5,410	676	4,058	8	2018	-----	-----	5,410	-----	-----	-----	-----	-----
CCB	2014	CCB VOIP Router		0	5,410	676	1,353	8	2022	-----	-----	-----	-----	-----	-----	5,410	-----
LINCOLN CLINIC	2015	Parker Clinic VOIP Router		0	5,410	676	676	8	2023	-----	-----	-----	-----	-----	-----	-----	5,410
		Subtotal		0	196,380	16,484	94,123			19,380	0	17,220	6,660	0	3,160	5,410	5,410
		Network Routers															
Airport	2005	airport-router		0	1,590	145	1,590	11	2016	1,590	-----	-----	-----	-----	-----	-----	-----
CCB Basement	2013	inet-router		0	2,140	268	803	8	2021	-----	-----	-----	-----	-----	2,140	-----	-----
MRTP	2008	MRTP-router	Removed fy2016	0	1,890	76	605	25	2033	-----	-----	-----	-----	-----	-----	-----	-----
Parker Clinic	2005	Router-router	Removed fy2016	0	1,630	73	805	25	2030	-----	-----	-----	-----	-----	-----	-----	-----
Firewall	2009	Main Network Firewall		0	16,080	2,010	14,070	8	2017	-----	16,080	-----	-----	-----	-----	-----	-----
Clinic	2010	clinic-router		0	4,870	609	3,653	8	2018	-----	-----	4,870	-----	-----	-----	-----	-----
Lincoln Sheriff	2013	Lincoln Sheriff ASA Router		0	700	88	263	8	2021	-----	-----	-----	-----	-----	700	-----	-----
Clinic-StPetes	2010	Lincoln Clinic ASA Router		0	680	85	510	8	2018	-----	-----	680	-----	-----	-----	-----	-----
Lincoln Sheriff	2013	Augusta Sheriff ASA Router		0	700	88	263	8	2021	-----	-----	-----	-----	-----	700	-----	-----
Clinic-StPetes	2013	Augusta Clinic ASA Router		0	700	88	263	8	2021	-----	-----	-----	-----	-----	700	-----	-----
		Subtotal		0	31,180	3,527	22,823			1,590	16,080	5,550	0	0	4,240	0	0
		Network Switches															
CCB - Attic	2011	ccb-attic3	Gigabit Layer 3 Switch	0	5,850	731	3,656	8	2019	-----	-----	-----	5,850	-----	-----	-----	-----
CCB Basement	2014	ccb-isswitch		0	40,070	5,009	10,018	8	2022	-----	-----	-----	-----	-----	-----	40,070	-----
Dispatch (Airport)	2011	dispatch-switch	Gigabit Layer 3 POE Switch	0	6,660	833	4,163	8	2019	-----	-----	-----	6,660	-----	-----	-----	-----
Courthouse	2005	ch-switch3		0	1,030	86	944	12	2017	-----	1,030	-----	-----	-----	-----	-----	-----
Courthouse	2007	ch-switch2		0	3,970	397	3,573	10	2017	-----	3,970	-----	-----	-----	-----	-----	-----
Courthouse	2007	ch-switch1		0	5,080	508	4,572	10	2017	-----	5,080	-----	-----	-----	-----	-----	-----
LEC	2005	lec-switch4		0	1,030	86	944	12	2017	-----	1,030	-----	-----	-----	-----	-----	-----
LEC	2008	lec-switch1		0	3,780	420	3,360	9	2017	-----	3,780	-----	-----	-----	-----	-----	-----
LEC	2008	lec-switch3		0	3,780	420	3,360	9	2017	-----	3,780	-----	-----	-----	-----	-----	-----
LEC	2008	lec-switch2		0	3,780	420	3,360	9	2017	-----	3,780	-----	-----	-----	-----	-----	-----
LEC	2011	lec-switch5	Gigabit Layer 3 Switch - Attic	0	5,850	731	3,656	8	2019	-----	-----	-----	5,850	-----	-----	-----	-----
Airport	2008	airport-switch		0	1,800	200	1,600	9	2017	-----	1,800	-----	-----	-----	-----	-----	-----
CCB 2nd floor	2008	ccb-2flSSwitch		0	5,350	594	4,756	9	2017	-----	5,350	-----	-----	-----	-----	-----	-----
CCB City SW HR	2010	ccb-1fSWSwitch1		0	3,970	496	2,978	8	2018	-----	-----	3,970	-----	-----	-----	-----	-----
CCB City HR	2010	ccb-1fcityswitch		0	2,340	293	1,755	8	2018	-----	-----	2,340	-----	-----	-----	-----	-----
City Shop	2008	cityshop-switch		0	2,400	267	2,133	9	2017	-----	2,400	-----	-----	-----	-----	-----	-----
Civic Center	2008	civic-switch2		0	850	94	756	9	2017	-----	850	-----	-----	-----	-----	-----	-----
Civic Center	2008	civicswitch		0	3,930	437	3,493	9	2017	-----	3,930	-----	-----	-----	-----	-----	-----
Clinic	2008	clinic-switch1		0	3,930	437	3,493	9	2017	-----	3,930	-----	-----	-----	-----	-----	-----
Clinic	2008	clinic-switch2		0	3,930	437	3,493	9	2017	-----	3,930	-----	-----	-----	-----	-----	-----
Clinic	2008	clinic-switch3		0	3,930	437	3,493	9	2017	-----	3,930	-----	-----	-----	-----	-----	-----
Clinic	2014	clinic-switch4		0	1,410	176	353	8	2022	-----	-----	-----	-----	-----	-----	1,410	-----
Clinic	2013	johntaylor-switch		0	650	81	244	8	2021	-----	-----	-----	-----	-----	650	-----	-----
Clinic	2014	clinic-switch		0	3,890	486	973	8	2022	-----	-----	-----	-----	-----	-----	3,890	-----
Coroner	2010	coroner-switch		0	890	111	668	8	2018	-----	-----	890	-----	-----	-----	-----	-----
Fairgrounds	2008	fairgrounds-switch		0	1,800	200	1,600	9	2017	-----	1,800	-----	-----	-----	-----	-----	-----
Missouri River	2011	mrtp-switch	Gigabit Layer 3 Switch	0	6,660	833	4,163	8	2019	-----	-----	-----	6,660	-----	-----	-----	-----
Pool	2010	pool-switch		0	1,380	173	1,035	8	2018	-----	-----	1,380	-----	-----	-----	-----	-----
Public Works - Admin	2011	pwk-adminswitch		0	1,290	161	806	8	2019	-----	-----	-----	1,290	-----	-----	-----	-----
Public Works - Shop	2010	pwk-showswitch		0	1,860	233	1,395	8	2018	-----	-----	1,860	-----	-----	-----	-----	-----
Ten Mile	2008	tenmile-switch		0	2,400	267	2,133	9	2017	-----	2,400	-----	-----	-----	-----	-----	-----

City of Helena / Lewis & Clark County, Montana -- Reserves and Projections

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WWT - Admin	2011	wwtpadmin-switch		0	1,290	161	806	8	2019	-----	-----	-----	1,290	-----	-----	-----	-----
Waste Water Utility Buildi	2008	wastewater-switch4		0	1,800	200	1,600	9	2017	-----	1,800	-----	-----	-----	-----	-----	-----
WWT Control Building	2005	wwtp-switch2		0	1,080	90	990	12	2017	-----	1,080	-----	-----	-----	-----	-----	-----
WWT Control Building	2011	wastewater-switch1	Gigabit Layer 3 Switch	0	6,660	833	4,163	8	2019	-----	-----	-----	6,660	-----	-----	-----	-----
CCB 2nd Floor East	2010	ccb-2feast		0	4,930	616	3,698	8	2018	-----	-----	4,930	-----	-----	-----	-----	-----
CCB 2nd Floor South	2010	ccb-2fsouth		0	3,010	376	2,258	8	2018	-----	-----	3,010	-----	-----	-----	-----	-----
CCB 3rd Floor	2010	ccb-3fswitch1		0	4,930	616	3,698	8	2018	-----	-----	4,930	-----	-----	-----	-----	-----
CCB 3rd Floor	2010	ccb-3fswitch2		0	4,930	616	3,698	8	2018	-----	-----	4,930	-----	-----	-----	-----	-----
CCB Attic East	2010	ccb-attic2		0	4,930	616	3,698	8	2018	-----	-----	4,930	-----	-----	-----	-----	-----
CCB Attic East	2010	ccb-attic1		0	4,930	616	3,698	8	2018	-----	-----	4,930	-----	-----	-----	-----	-----
CCB Basement	2010	dmz-switch		0	1,860	233	1,395	8	2018	-----	-----	1,860	-----	-----	-----	-----	-----
CCB Treasurer Closet	2010	ccb-records1		0	4,930	616	3,698	8	2018	-----	-----	4,930	-----	-----	-----	-----	-----
CCB Treasurer Closet	2010	ccb-records2		0	4,930	616	3,698	8	2018	-----	-----	4,930	-----	-----	-----	-----	-----
East Side Fire	2010	esfire-switch		0	1,290	161	968	8	2018	-----	-----	1,290	-----	-----	-----	-----	-----
Forestvale	2010	forestvale-switch		0	860	108	645	8	2018	-----	-----	860	-----	-----	-----	-----	-----
Landfill	2010	landfill-switch		0	1,060	133	795	8	2018	-----	-----	1,060	-----	-----	-----	-----	-----
Weed Program	2013	pwkweed-switch		0	600	75	225	8	2021	-----	-----	-----	-----	-----	600	-----	-----
East Helena Police /L.ED	2011	ehpd-switch		0	1,290	161	806	8	2019	-----	-----	-----	1,290	-----	-----	-----	-----
Gods Love	2010	godslove-switch		0	870	109	653	8	2018	-----	-----	870	-----	-----	-----	-----	-----
Golf Maintenance	2011	golf-maintswitch		0	870	109	544	8	2019	-----	-----	-----	870	-----	-----	-----	-----
Golf Pro Shop	2011	golfpro-switch		0	1,290	161	806	8	2019	-----	-----	-----	1,290	-----	-----	-----	-----
HATS	2011	hats-switch		0	870	109	544	8	2019	-----	-----	-----	870	-----	-----	-----	-----
MRDTF	2010	mrdtf-switch		0	3,810	476	2,858	8	2018	-----	-----	3,810	-----	-----	-----	-----	-----
Parker Clinic	2011	lincoln-switch		0	1,790	224	1,119	8	2019	-----	-----	-----	1,790	-----	-----	-----	-----
Transfer Station	2011	Transfer-Admin-Switch		0	2,370	296	1,481	8	2019	-----	-----	-----	2,370	-----	-----	-----	-----
Transfer Station	2011	Transferstation-switch		0	870	109	544	8	2019	-----	-----	-----	870	-----	-----	-----	-----
Transfer Station Scale Hou	2011	Transfersscale-switch		0	870	109	544	8	2019	-----	-----	-----	870	-----	-----	-----	-----
St Petes	2008	sph-switch	Replace with Router in 2016?	0	1,080	135	1,080	8	2016	1,080	-----	-----	-----	-----	-----	-----	-----
Mt. Helena	2013	MountHelena-Switch		0	1,190	149	446	8	2021	-----	-----	-----	-----	-----	1,190	-----	-----
222 Broadway	2011	222-switch		0	2,580	323	1,613	8	2019	-----	-----	-----	2,580	-----	-----	-----	-----
Sheriff 24X7	2011	Sheriff24x7-Switch		0	870	109	544	8	2019	-----	-----	-----	870	-----	-----	-----	-----
CCB Basement	2013	Cisco Fabric Channel Switch (SAN)		0	9,750	1,219	3,656	8	2021	-----	-----	-----	-----	-----	9,750	-----	-----
CCB Basement	2013	Dell Force 10 Switch (SAN)		0	14,620	1,828	5,483	8	2021	-----	-----	-----	-----	-----	14,620	-----	-----
Search and Rescue Bldg	2014	Search and Rescue		0	1,490	186	373	8	2022	-----	-----	-----	-----	-----	-----	1,490	-----
		Subtotal		0	236,040	28,544	145,742			1,080	55,650	57,710	47,930	0	26,810	46,860	0
		Enterprise Building Wireless															
CCB	2011	Cisco 5508 Series Wireless Controller for up to 50 APs		0	15,070	1,884	9,419	8	2019	-----	-----	-----	15,070	-----	-----	-----	-----
CCB	2014	Cisco 2504 Series Wireless Controller for up to 75 Aps CHC		0	2,710	339	678	8	2022	-----	-----	-----	-----	-----	-----	2,710	-----
CCB	2011	Cisco ISE 100 Endpoint 5 Year Wireless Subscription		0	3,140	523	2,617	6	2017	-----	3,140	-----	-----	-----	-----	-----	3,140
		Subtotal		0	20,920	2,746	12,713			0	3,140	0	15,070	0	0	2,710	3,140
		Radio Equipment (Wireless WAN)															
Airport I	2012	PMPsubscriber		0	1,950	279	1,114	7	2019	-----	-----	-----	1,950	-----	-----	-----	-----
Airport II	2012	PMPsubscriber		0	1,950	279	1,114	7	2019	-----	-----	-----	1,950	-----	-----	-----	-----
CCB-Mt Helena	2012	PTP		0	7,500	1,071	4,286	7	2019	-----	-----	-----	7,500	-----	-----	-----	-----
CCB-WWTP	2012	300 MB DragonWave		0	14,690	2,099	8,394	7	2019	-----	-----	-----	14,690	-----	-----	-----	-----
CCB - Gods Love	2006	PTP		0	2,900	264	2,636	11	2017	-----	2,900	-----	-----	-----	-----	-----	-----
Gods Love - CCB	2006	PTP		0	2,900	264	2,636	11	2017	-----	2,900	-----	-----	-----	-----	-----	-----
LEC-Dispatch	2012	300 MB DragonWave		0	15,010	2,144	8,577	7	2019	-----	-----	-----	15,010	-----	-----	-----	-----
Dispatch-MRTP	2012	100 MB DragonWave		0	13,400	1,914	7,657	7	2019	-----	-----	-----	13,400	-----	-----	-----	-----
MRTP-WWTP	2012	100 MB DragonWave		0	13,400	1,914	7,657	7	2019	-----	-----	-----	13,400	-----	-----	-----	-----

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City Shop-WWTP	2012	PMPsubscriber		0	2,140	306	1,223	7		2019	-----	-----	-----	2,140	-----	-----	-----	-----
Clinic-WWTP	2012	PTP		0	2,250	321	1,286	7		2019	-----	-----	-----	2,250	-----	-----	-----	-----
East Side Fire	2012	PMPsubscriber		0	1,950	279	1,114	7		2019	-----	-----	-----	1,950	-----	-----	-----	-----
EHPD	2011	PMPsubscriber		0	1,820	260	1,300	7		2018	-----	-----	1,820	-----	-----	-----	-----	-----
LEC Access Point	2011	PMPAP		0	6,430	919	4,593	7		2018	-----	-----	6,430	-----	-----	-----	-----	-----
Mt Helena-CCB	2012	PTP		0	7,500	1,071	4,286	7		2019	-----	-----	-----	7,500	-----	-----	-----	-----
MT Helena-TenMile	2012	PTP		0	2,250	321	1,286	7		2019	-----	-----	-----	2,250	-----	-----	-----	-----
Ten Mile-MtHelena	2012	PTP		0	2,250	321	1,286	7		2019	-----	-----	-----	2,250	-----	-----	-----	-----
WWT I Access Point	2012	PMPAP		0	2,250	321	1,286	7		2019	-----	-----	-----	2,250	-----	-----	-----	-----
WWTP-Clinic	2012	PTP		0	3,220	460	1,840	7		2019	-----	-----	-----	3,220	-----	-----	-----	-----
Landfill-WWTP	2008	PTP		0	2,410	268	2,142	9		2017	-----	2,410	-----	-----	-----	-----	-----	-----
StPetes-WWTP	2008	PTP		0	2,410	268	2,142	9		2017	-----	2,410	-----	-----	-----	-----	-----	-----
WWTP-Landfill	2008	PTP		0	2,410	268	2,142	9		2017	-----	2,410	-----	-----	-----	-----	-----	-----
WWTP-StPetes	2008	PTP		0	2,410	268	2,142	9		2017	-----	2,410	-----	-----	-----	-----	-----	-----
Clinic-ESFire	2012	PTP		0	1,820	260	1,040	7		2019	-----	-----	-----	1,820	-----	-----	-----	-----
ESFire-Clinic	2012	PTP		0	1,820	260	1,040	7		2019	-----	-----	-----	1,820	-----	-----	-----	-----
LEC-CityShop	2010	PTP		0	4,610	659	3,951	7		2017	-----	4,610	-----	-----	-----	-----	-----	-----
Civic Center	2011	PMPsubscriber		0	1,820	260	1,300	7		2018	-----	-----	1,820	-----	-----	-----	-----	-----
Fairgrounds	2011	PMPsubscriber		0	1,820	260	1,300	7		2018	-----	-----	1,820	-----	-----	-----	-----	-----
Forestvale	2011	PMPsubscriber		0	1,820	260	1,300	7		2018	-----	-----	1,820	-----	-----	-----	-----	-----
Golf Course	2011	PMPsubscriber		0	1,820	260	1,300	7		2018	-----	-----	1,820	-----	-----	-----	-----	-----
Golf Pro	2011	PMPsubscriber		0	1,820	260	1,300	7		2018	-----	-----	1,820	-----	-----	-----	-----	-----
HATS	2011	PMPsubscriber		0	1,820	260	1,300	7		2018	-----	-----	1,820	-----	-----	-----	-----	-----
MT Helena Access Point	2011	PMPAP		0	7,500	1,071	5,357	7		2018	-----	-----	7,500	-----	-----	-----	-----	-----
Public Works	2011	PMPsubscriber		0	1,820	260	1,300	7		2018	-----	-----	1,820	-----	-----	-----	-----	-----
Transfer Station	2011	PMPsubscriber		0	1,820	260	1,300	7		2018	-----	-----	1,820	-----	-----	-----	-----	-----
Sheriff 24/7 Program	2012	PMPsubscriber		0	1,950	279	1,114	7		2019	-----	-----	-----	1,950	-----	-----	-----	-----
Search and Rescue	2014	PMPsubscriber		0	2,140	306	611	7		2021	-----	-----	-----	-----	-----	2,140	-----	-----
		Subtotal		0	149,800	20,793	95,654				0	20,050	30,310	97,300	0	2,140	0	0
		Enterprise Servers																
County Public Works	2012	Public Works	lcc-pwk-001	0	4,600	920	3,680	5		2017	-----	4,600	-----	-----	-----	-----	4,600	-----
Transfer Station	2012	Transfer Station	lcc-swd-001	0	4,600	920	3,680	5		2017	-----	4,600	-----	-----	-----	-----	4,600	-----
CCB	2010	DNS1	gumby (VM 8?)	0	2,600	433	2,600	6		2016	2,600	-----	-----	-----	-----	-----	2,600	-----
CCB	2010	DNS2	sparky (VM 8?)	0	2,600	433	2,600	6		2016	2,600	-----	-----	-----	-----	-----	2,600	-----
CCB	2014	CCB-ENT-VMWare1	vmware1	0	13,000	2,600	5,200	5		2019	-----	-----	-----	13,000	-----	-----	-----	-----
CCB	2013	CCB-ENT-VMWare2	vmware2	0	13,000	2,600	7,800	5		2018	-----	-----	13,000	-----	-----	-----	-----	13,000
CCB	2012	CCB-ONES-VMWare3	vmware3	0	7,500	1,500	6,000	5		2017	-----	7,500	-----	-----	-----	-----	7,500	-----
CCB	2012	CCB-ONES-VMWare4	vmware4	0	7,500	1,500	6,000	5		2017	-----	7,500	-----	-----	-----	-----	7,500	-----
CCB	2013	CCB-SQL Server	vmware5	0	11,000	2,200	6,600	5		2018	-----	-----	11,000	-----	-----	-----	-----	11,000
CCB	2012	CCB-ENT-VMWare6	vmware6 (Mnmgt Software)	0	7,500	1,500	6,000	5		2017	-----	7,500	-----	-----	-----	-----	7,500	-----
Wastewater	2011	Wastewater	vmware7	0	7,500	1,500	7,500	5		2016	7,500	-----	-----	-----	-----	7,500	-----	-----
CCB	2015	CCB-ENT-VMWare	vmware8	0	13,000	2,600	2,600	5		2020	-----	-----	-----	-----	13,000	-----	-----	-----
CCB	2015	CCB - Unity/Call Manager Server		0	6,000	1,200	1,200	5		2020	-----	-----	-----	-----	6,000	-----	-----	-----
Wastewater	2015	WWTP- Unity/Call manager Server		0	6,000	1,200	1,200	5		2020	-----	-----	-----	-----	6,000	-----	-----	-----
LEC	2015	LEC - Call Manager Server		0	6,000	1,200	1,200	5		2020	-----	-----	-----	-----	6,000	-----	-----	-----
		Subtotal		0	112,400	22,307	63,860				12,700	31,700	24,000	13,000	31,000	7,500	36,900	24,000
		Enterprise Printers																
CCB County	2008	County Planning Laser - LaserJet 4250 Second Floor		0	1,900	190	1,520	10		2018	-----	-----	1,900	-----	-----	-----	-----	-----
CCB County	2010	County Admin HP LaserJet P4015x		0	1,900	190	1,140	10		2020	-----	-----	-----	-----	1,900	-----	-----	-----
CCB County	2008	BOCC HP 4250 DTN		0	1,900	190	1,520	10		2018	-----	-----	1,900	-----	-----	-----	-----	-----
CCB County	2010	County Personnel HP LaserJet 5200		0	2,550	255	1,530	10		2020	-----	-----	-----	-----	2,550	-----	-----	-----
CCB County	2006	Main GIS Color Printer	review Yr to Yr	0	6,000	545	5,455	11		2017	-----	6,000	-----	-----	-----	-----	-----	-----

City of Helena / Lewis & Clark County, Montana -- Reserves and Projections

Template

2016 (Year Ending June 30)

Facility or Unit Number	Model Yr or, Year Acquired	Item Description	Additional	Reserve Goal	Annual Reserve Increment	Projected Reserve 2016	Full Life (est.)	Replace In (year)	Current 2016	1 2017	2 2018	3 2019	4 2020	5 2021	6 2022	7 2023
CCB County	2011	Main GIS Plotter	0	10,500	1,313	6,563	8	2019	-----	-----	-----	10,500	-----	-----	-----	-----
CCB County	2003	Engineering GIS Plotter review Yr to Yr	0	11,270	805	10,465	14	2017	-----	11,270	-----	-----	-----	-----	-----	-----
CCB County	2012	IT&S CP3525	0	1,500	136	545	11	2023	-----	-----	-----	-----	-----	-----	-----	1,500
CCB County	2006	IT&S HP Digital Sender review Yr to Yr	0	3,760	376	3,760	10	2016	3,760	-----	-----	-----	-----	-----	-----	-----
CCB County	2011	IT&S Xerox Workcentre 7525	0	7,500	938	4,688	8	2019	-----	-----	-----	7,500	-----	-----	-----	-----
CCB County	2010	Clerk & Recorders HP LaserJet P4015x	0	1,900	190	1,140	10	2020	-----	-----	-----	-----	1,900	-----	-----	-----
CCB County	2011	Clerk & Recorders HP LaserJet P4015x	0	1,200	120	600	10	2021	-----	-----	-----	-----	-----	1,200	-----	-----
CCB County	2010	County Treasurer/Accounting HP P4015	0	1,900	190	1,140	10	2020	-----	-----	-----	-----	1,900	-----	-----	-----
CCB City	2013	City County Switchboard M401DN	0	400	40	120	10	2023	-----	-----	-----	-----	-----	-----	-----	400
CCB City	2006	Check Printer HP Laserjet P4200n	0	1,900	173	1,727	11	2017	-----	1,900	-----	-----	-----	-----	-----	-----
CCB City	2010	City Engineering Admin P3015X	0	1,000	100	600	10	2020	-----	-----	-----	-----	1,000	-----	-----	-----
CCB City	2010	City Buildings HP LaserJet P4015x	0	1,900	190	1,140	10	2020	-----	-----	-----	-----	1,900	-----	-----	-----
CCB City	2008	City Public Works HP P3005	0	1,100	110	880	10	2018	-----	-----	1,100	-----	-----	-----	-----	-----
CCB City	2014	City Parks HP M401dne	0	280	28	56	10	2024	-----	-----	-----	-----	-----	-----	-----	-----
CCB City	2010	City Administration HP LaserJet P4015x	0	1,900	190	1,140	10	2020	-----	-----	-----	-----	1,900	-----	-----	-----
CCB City	2010	City Planning HP LaserJet P4015x	0	1,900	190	1,140	10	2020	-----	-----	-----	-----	1,900	-----	-----	-----
CCB City	2010	City HR P4015x	0	1,900	190	1,140	10	2020	-----	-----	-----	-----	1,900	-----	-----	-----
CCB City	2013	City Managers HP LaserJet M401dn	0	400	40	120	10	2023	-----	-----	-----	-----	-----	-----	-----	400
CCB City	2010	Commission Clerk P3015X	0	1,000	100	600	10	2020	-----	-----	-----	-----	1,000	-----	-----	-----
CCB City	2009	City Attorney HP P4015	0	1,900	190	1,330	10	2019	-----	-----	-----	1,900	-----	-----	-----	-----
CCB City	2009	City Water Accounting HP P4015	0	1,900	190	1,330	10	2019	-----	-----	-----	1,900	-----	-----	-----	-----
Color Ntwk Printer	2011	Engineering Color Printer replaced 11/7/11	0	6,000	600	3,000	10	2021	-----	-----	-----	-----	-----	6,000	-----	-----
CCB City	2010	City Buildings P2035	0	300	30	180	10	2020	-----	-----	-----	-----	300	-----	-----	-----
Law Enforcement Center	2014	Jail Admin HP M401	0	300	30	60	10	2024	-----	-----	-----	-----	-----	-----	-----	-----
Law Enforcement Center	2012	SSD HP M602dn	0	1,900	317	1,267	6	2018	-----	-----	1,900	-----	-----	-----	-----	-----
Law Enforcement Center	2012	Patrol Room P3015X	0	1,200	150	600	8	2020	-----	-----	-----	-----	1,200	-----	-----	-----
Law Enforcement Center	2012	Jail Booking HP P3015	0	1,100	110	440	10	2022	-----	-----	-----	-----	-----	-----	1,100	-----
Courthouse	2012	Clerk of Court HP M602dtn	0	1,200	200	800	6	2018	-----	-----	1,200	-----	-----	-----	-----	-----
Courthouse	2012	Municipal Court HP M602dn	0	1,200	150	600	8	2020	-----	-----	-----	-----	1,200	-----	-----	-----
Courthouse	2006	County Attorney P4015X	0	1,530	153	1,530	10	2016	1,530	-----	-----	-----	-----	-----	-----	-----
Courthouse	2010	Justice Court printer P4015x	0	1,900	190	1,140	10	2020	-----	-----	-----	-----	1,900	-----	-----	-----
Courthouse	2012	County Attorney 3rd Floor M601dn	0	1,200	150	600	8	2020	-----	-----	-----	-----	1,200	-----	-----	-----
Courthouse	2009	Victum Services P2035	0	300	30	210	10	2019	-----	-----	-----	300	-----	-----	-----	-----
Clinic	2009	Basement HP P3005	0	1,100	110	770	10	2019	-----	-----	-----	1,100	-----	-----	-----	-----
Clinic	2009	Water HP P4015	0	1,900	190	1,330	10	2019	-----	-----	-----	1,900	-----	-----	-----	-----
Clinic	2008	Nurses HP 4250dtn	0	1,900	190	1,520	10	2018	-----	-----	1,900	-----	-----	-----	-----	-----
Clinic	2009	Front Desk P3005x	0	1,100	110	770	10	2019	-----	-----	-----	1,100	-----	-----	-----	-----
Clinic	2014	Nurses M401dne SW Corner w/Tray	0	500	50	100	10	2024	-----	-----	-----	-----	-----	-----	-----	-----
Clinic	2009	Billing Printer HP 4015	0	1,900	190	1,330	10	2019	-----	-----	-----	1,900	-----	-----	-----	-----
Clinic - CHC	2012	CHC Admin Basement P2055dn	0	430	39	156	11	2023	-----	-----	-----	-----	-----	-----	-----	430
Public Works	2009	HP LaserJet P2035	0	300	30	210	10	2019	-----	-----	-----	300	-----	-----	-----	-----
Public Works	2013	Road Department HP P3015x	0	940	94	282	10	2023	-----	-----	-----	-----	-----	-----	-----	940
Landfill	2008	Landfill Manager P2035	0	300	30	240	10	2018	-----	-----	300	-----	-----	-----	-----	-----
Fairgrounds	2009	Fairgrounds P3005	0	1,100	110	770	10	2019	-----	-----	-----	1,100	-----	-----	-----	-----
Fairgrounds	2010	Extension P3015X	0	1,000	100	600	10	2020	-----	-----	-----	-----	1,000	-----	-----	-----
Airport	2010	Airport P3015X	0	1,000	100	600	10	2020	-----	-----	-----	-----	1,000	-----	-----	-----
Civic Center	2010	Civic Center Admin HP LaserJet P4015x	0	1,900	190	1,140	10	2020	-----	-----	-----	-----	1,900	-----	-----	-----
Civic Center	2010	Parks P3015dn	0	1,000	100	600	10	2020	-----	-----	-----	-----	1,000	-----	-----	-----
Civic Center	2010	Civic Center Maintenance Shop P2035	0	300	30	180	10	2020	-----	-----	-----	-----	300	-----	-----	-----
City Shop	2009	Streets HP P3005	0	1,100	110	770	10	2019	-----	-----	-----	1,100	-----	-----	-----	-----
City Shop	2014	Vehicle HP M401dne	0	500	50	100	10	2024	-----	-----	-----	-----	-----	-----	-----	-----
Transfer Station	2010	Admin Building P3015dn	0	1,000	100	600	10	2020	-----	-----	-----	-----	1,000	-----	-----	-----
Wastewater	2008	Admin Building HP 3005x	0	1,100	110	880	10	2018	-----	-----	1,100	-----	-----	-----	-----	-----
Wastewater	2014	Control Building HP M401dne	0	400	40	80	10	2024	-----	-----	-----	-----	-----	-----	-----	-----
Wastewater	2008	Water Utility Building HP 4250dtn	0	1,900	190	1,520	10	2018	-----	-----	1,900	-----	-----	-----	-----	-----
Golf Course	2013	Golf Course Pro Shop M452nw Color (Upgrade from Standard P2C	0	300	30	90	10	2023	-----	-----	-----	-----	-----	-----	-----	300
Golf Course	2010	Golf Course Maintenance Shop P2035	0	300	30	180	10	2020	-----	-----	-----	-----	300	-----	-----	-----
HATS	2010	HATS P2035	0	300	30	180	10	2020	-----	-----	-----	-----	300	-----	-----	-----

City of Helena / Lewis & Clark County, Montana -- Reserves and Projections

Template

2016 (Year Ending June 30)

Facility or Unit Number	Model Yr or, Year Acquired	Item Description	Additional	Reserve Goal	Annual Reserve Increment	Projected Reserve 2016	Full Life (est.)		Replace In (year)	Current 2016	1 2017	2 2018	3 2019	4 2020	5 2021	6 2022	7 2023
Missouri River	2009	HP LaserJet P2035	0	300	30	210	10	'	2019	-----	-----	-----	300	-----	-----	-----	-----
Gods Love	2010	Gods Love P3015X	0	1,000	100	600	10	'	2020	-----	-----	-----	-----	1,000	-----	-----	-----
Lincoln Clinic	2007	HP LaserJet 3005x	0	1,100	110	990	10	'	2017	-----	1,100	-----	-----	-----	-----	-----	-----
Coroner	2009	Coroner HP LaserJet P3005	0	1,100	110	770	10	'	2019	-----	-----	-----	1,100	-----	-----	-----	-----
Pool	2009	Pool HP Laserjet P2055dn	0	430	43	301	10	'	2019	-----	-----	-----	430	-----	-----	-----	-----
Dispatch Center	2012	Dispatch HP 600 M602	0	1,900	317	1,267	6	'	2018	-----	-----	1,900	-----	-----	-----	-----	-----
Sheriff 24/7	2012	Sheriff 24/7 HP CLJ Pro 175nw	0	450	75	300	6	'	2018	-----	-----	450	-----	-----	-----	-----	-----
Augusta Sheriff	2012	Augusta Sheriff HP LJ M425dn	0	500	50	200	10	'	2022	-----	-----	-----	-----	-----	-----	500	-----
Lincoln Sheriff	2012	Lincoln Sheriff HP LJ M425dn	0	500	50	200	10	'	2022	-----	-----	-----	-----	-----	-----	500	-----
Search and Rescue	2015	LCC-LEC-SEARCHRESCUE	0	300	30	30	10	'	2025	-----	-----	-----	-----	-----	-----	-----	-----
County Buildings	2015	LCC-CRT-HPLJ200MFP	Dept purchased HPLJ200MFP							-----	-----	-----	-----	-----	-----	-----	-----
Sheriff Admin	2015	LCC-LEC-SOADMIN HP476dn	Dept purchased HP 476dn							-----	-----	-----	-----	-----	-----	-----	-----
Ten Mile Treatment	2014	Xerox WC7220P	Ten Mile MFP							-----	-----	-----	-----	-----	-----	-----	-----
Transfer Station	2014	Scale House M425dn	Transfer Station MFP M425dn							-----	-----	-----	-----	-----	-----	-----	-----
Lead Ed	2014	Lead Ed M476dn	East Helena Lead Ed							-----	-----	-----	-----	-----	-----	-----	-----
CCB County	2013	Environmental HP 4250	County Community Development & Planning (XEROX WorkCentre 7855)							-----	-----	-----	-----	-----	-----	-----	-----
Clinic	2013	Finance Office HP 4250dtn	Dept purchased Xerox 6605 MFP 2.225							-----	-----	-----	-----	-----	-----	-----	-----
MRDTF	2013	LCC-LEC-MRDTF HP LaserJet 2430	Dept purchased Xerox 4250 MFP 33.191							-----	-----	-----	-----	-----	-----	-----	-----
Law Enforcement Center	2012	Police Admin	Dept purchased Xerox MFP							-----	-----	-----	-----	-----	-----	-----	-----
Forestvale	2012	Forestvale	Dept purchased HP CLJ CM2330fxi MFP							-----	-----	-----	-----	-----	-----	-----	-----
CCB County	2010	County Planning Laser - LaserJet 4250 Second Floor								-----	-----	-----	-----	-----	-----	-----	-----
Public Works	2011	Public Works Admin HP 4250dtn	Purchased: Xerox 7120							-----	-----	-----	-----	-----	-----	-----	-----
East Side Fire	2011	East Side Fire P2035	Dept purchased: RICOH Aficio MP 201 Copier							-----	-----	-----	-----	-----	-----	-----	-----
Fire Department	2010	Fire Dept - Civic Center	Dept purchased: Minolta BizHub 250 Copier							-----	-----	-----	-----	-----	-----	-----	-----
Law Enforcement Center	2011	EOC P3015X	Paul substituted a Ricoh Model C11-41445							-----	-----	-----	-----	-----	-----	-----	-----
		Subtotal	0	120,540	12,546	81,681				5,290	20,270	15,550	32,430	31,450	7,200	2,100	3,970
		Information Technology & Services	**0**	**1,673,350**	**233,058**	**932,153**				**69,840**	**296,140**	**354,740**	**299,300**	**231,110**	**51,050**	**123,780**	**279,080**
		TOTAL IT&S	**-**	**1,673,350**	**233,058**	**932,153**				**69,840**	**296,140**	**354,740**	**299,300**	**231,110**	**51,050**	**123,780**	**279,080**
											932,153	869,071	747,389	681,147	683,095	865,104	974,382
											(296,140)	(354,740)	(299,300)	(231,110)	(51,050)	(123,780)	(279,080)
											233,058	233,058	233,058	233,058	233,058	233,058	233,058
										932,153	869,071	747,389	681,147	683,095	865,104	974,382	928,360