

# Managing Cash Flow Through A Crisis

Tips to Stretch Your Dollar

WEBINAR | Presented on July 1, 2020

#### **HOW WE HELP**

### **Our Expertise**

#### **Accounting Solutions**

Partnering to make profitability and proficiency possible.

#### **Contract Compliance Audit**

Analyze agreements to increase thirdparty transparency efficiency and savings.

#### **Risk Management**

A tailored approach to address governance, risk and control.

#### **Audit**

Mitigate presorting errors with tailored, objected expertise.

#### Investment Banking & Advisory

Capitalize upon opportunities and gain leverage.

#### Tax

Protect profitability and uncover hidden value.

#### **Business Performance Management**

Oracle and EPM Business Architechs, together.

#### Personal Financial Planning

Predict the future? Unlikely. Be prepared for it instead.

#### **Technology Advisory**

Technology for business requires expertise in both.



# Leading Today's Webinar



Pam Chelden PRINCIPAL



Leanna Steele SENIOR

### **Our Accounting Solutions Practice**



SC&H Accounting Solutions delivers best-in-class accounting services for a fraction of the cost of hiring inhouse and applies best practices and processes to help companies scale more effectively.



MBAs / CPAs

Our team is comprised of business process, technology and financial experts, meaning we take a holistic approach to delivering a solutions that meets all of your organizational needs.



**AUTOMATION** 

By leveraging proven technology solutions to streamline business processes and improve timeliness and accuracy of financial reporting, we build a scalable platform on which our clients can grow, while empowering management teams to focus on strategic priorities.



# HISTORY OF SUCCESS

Documented client success stories like significantly reducing the time for the monthly close, powering clients through successful capital raises, and streamlining complex grant and investor reporting requirements.

### Our Agenda

- The Importance of Good Data: Burn Rate & Cash Flow
- Managing Costs and Separating Your Expenses Into Controllable Categories
- Navigating PPP and Other CARES Act Credits & Deferrals
- Grant Agreements & Flexibility

# The Importance of Good Data

**Burn Rate & Cash Flow** 





- The name of the game is CASH
- Whenever you are making a business decision, come back to this philosophy



### **Cash Flow**



#### Cash Flow In

- Cash collected from customers
- Grants
- Investor funds
- Sale of equipment
- Tax refunds

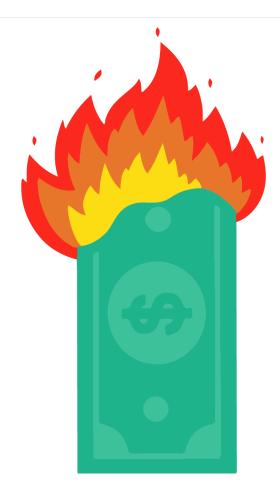


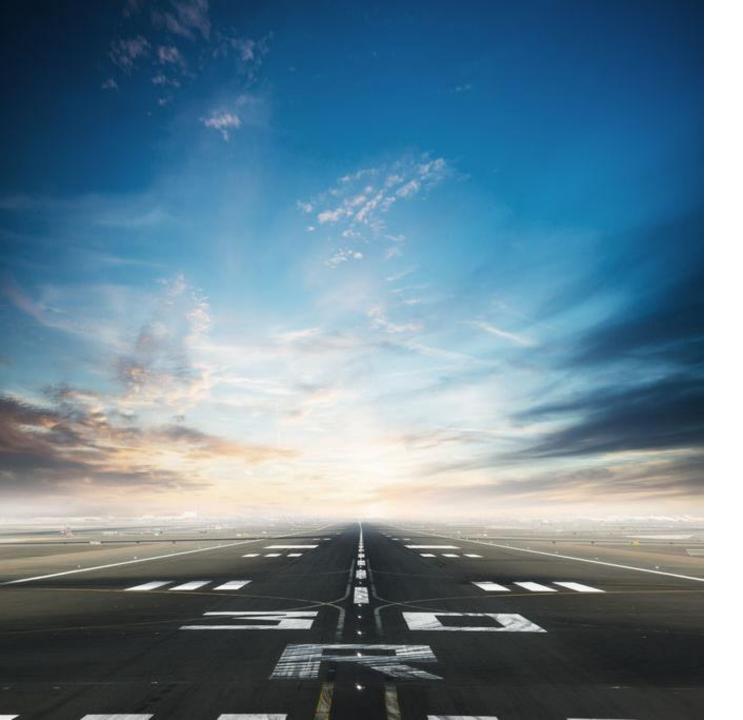
#### **Cash Flow Out**

- Payroll
- Rent
- Vendors
- Equipment
- Inventory
- Interest
- Other purchases

### What is Your Cash Burn Rate?

- The burn rate is typically used to describe the rate at which a new company is spending its venture capital to finance overhead before generating positive cash flow from operations.
- It is a measure of *negative cash flow*.
- It is typically discussed in terms of a monthly burn rate.





# What's Your Runway?

A company's burn rate is also used as a measuring stick for its runway, the amount of time the company has before it runs out of money.

### Historical Data-Rearview Mirror

- A good starting point is your historical cash flow
- Identify predictable and stable data points
- Identify unusual activity



# **Project The Future**

- Determine your cadence daily, weekly, monthly
  - Your runway will determine your cadence
- Need a reliable method to project
  - Historical basis is reliable
  - Add future projections growth factors
- Build in unusual items that you know about
- Numbers must match your story
- Provide room for error or unknown circumstances
  - Play the "what if" game

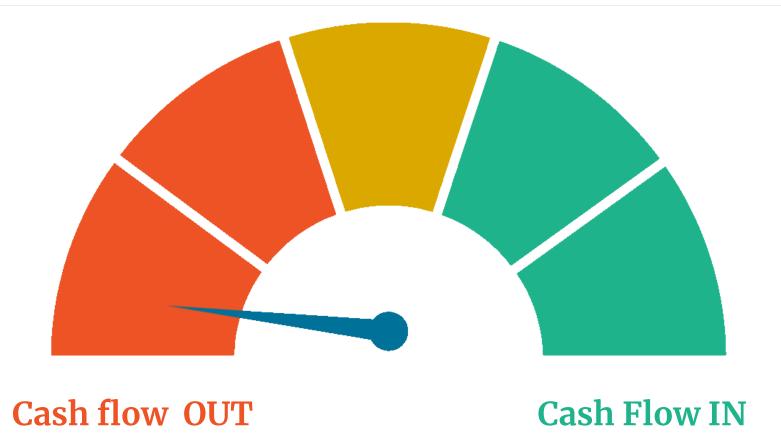


# **Managing Costs**

**Separating Your Expenses Into Controllable Categories** 



### **Cash Flow**



#### Sounds simple, right?

The devil is in the details AND you must focus on it

### Cash Flow In



- If you have revenue:
  - Offer discounts for early payments or bulk purchases
  - Get payment up front
  - Collect before shipment or before service delivery, if possible
  - Align business process and customer agreements around "cash is king" philosophy
- If pre-revenue
  - Consider structuring your customer cycle for cash collection up front
  - The sooner you train your customers on your expectations, the easier it will be
- Bank
  - SBA loans
  - Equipment financing
- Investors
  - Can they fund earlier than expected?

#### **Cash Flow Out**



#### Fixed = Non controllable

- Payroll
- Benefits
- Rent
- Utilities
- Employee reimbursement
- Business Insurance

#### **Variable = Controllable**

- Non-critical vendors
- Consultants
- Push payments out 90+ days

# **Payroll**

- Usually largest expenditure
- Consider layoffs
- Consider part time or work share arrangements
  - Control overtime
- Use of independent contractors or temp staffing
- Identify critical employees

- Deferred comp arrangements
- Understand the impact to your employees
- Payroll Tax
  - Always remit your payroll taxes on time
  - Take advantage of payroll tax credits and deferrals available now

#### **Benefits**



Health







**Bonus Plans** 





**Key Reminder** - It is always easier to add or increase benefits once you are cash flow positive, than to eliminate or reduce a benefit that has already been granted.

### **Vendors** – Rent, Insurance, Utilities

#### **Negotiate Timing of Cash Payments with Every Vendor**

- Rent if you are in an incubator space GREAT!
- Rent Consider need for office space
  - Can you downsize?
  - Understand terms of your lease and when agreement renews
    - Many require notice period
    - Consider sublease
    - Good commercial real estate broker can assist
- Business Insurance
  - Usually critical, but room to evaluate your coverage options
  - Generally extended payment plans are available with "interest" component
- Utilities
  - Usually, very little flexibility and they are usually critical = Fixed



### **Vendors** – Equipment and Inventory

- Equipment purchases On your balance sheet
  - Finance through bank or other credit sources
  - Vendor financing
  - Negotiate extended payment plan
  - Smaller equipment laptops, monitors, office furniture
- Inventory purchases On your balance sheet
  - Maintain just in time inventory levels
  - Consider outsourcing

### **Other Expenses**

- Employee reimbursement
  - Good expense reimbursement policy is important
    - Can you tighten this up?
    - Limit the amount of meal reimbursement, hotel, airfare, etc.
- Bank fees
  - What are you paying for? Is it all necessary?
  - Ask for treasury management review of your account
- Technology services
  - Cloud based, hosted environments vs server rooms
  - Copiers, scanners

# **Spending Approval Policy**

- Who can authorize spend within your company?
  - Once you have committed, it's hard to adjust the payments
- Balance authority and empowerment with cash management
- Set approval limits and tie to budget
  - Be careful with budgets
  - Budgets change so spending will change
  - Budgets need to live and breathe
  - Review with management at least monthly

# **Cash Flow Forecasting Tools**



**Speed Up Cash Flow In** 



**Slow Down Cash Flow Out** 



**Cash Flow Forecasting** 

### Accountant's Statement of Cash Flow

- Required by auditors and banks, but not a great management tool
- Sections are good
  - Operating
  - Investing
  - Financing
- Need to lay out basics cash in, cash out
- Trended data on a monthly basis



# Cash Flow - Management Tool

2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
January	February	March	April	May	June	July	August	September	October	November	December	Totals
Actual	Actual	Actual	Actual	Actual								
				3 pays						3 pays		
96.130	1.170.607	675.202	427.407		294,775	260.920	250,209	(23,579)	(226,139)		(631,786)	
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167.629	143.901	248.055	29.804	56.409	2.705	1.766	285.027	229.574	251.122	150.480	272.321	1,838,793
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	_				37,309							916
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0,081	7,205			(1,011)								19,040
-				- 010.150								4 40 4 000
359,871	310,037	484,092	313,040	316,159	138,524	459,157	560,602	367,574	356,622	226,707	532,521	4,424,906
	-										-	(389,438
							(186,517)				(163,334)	(3,624,736
	-						(21,532)		(28,786)		(19,709)	(387,490
(27,462)	(47,481)	(65,350)	(47,430)	(12,970)	(17,381)	(15,000)	-	-	-	-	-	(233,075
	(38,762)		(15,000)	(1,000)		(1,000)	(1,000)	(11,000)	(10,000)	(10,000)	(14,000)	(101,762
(35,151)	(36,515)	(45,674)	(32,324)	(26,732)	(20,342)	(33,752)	(21,449)	(19,950)	(19,735)	(18,832)	(18,783)	(329,240
(5,429)	(655)	(525)	(1,425)	(157)	(26)	(4,959)	(6,055)	(3,970)	(3,852)	(2,448)	(5,751)	(35,251
(9,052)	(7,079)	(6,818)	(6,185)	(6,657)	(7,250)	(5,000)	(5,000)	(5,000)	(5,000)	(5,000)	(5,000)	(73,041
(154,644)	(167,470)	(98,123)	(191,733)	(131,707)	(23,190)	(106,627)	(110,467)	(110,903)	(95,878)	(74,398)	(76,498)	(1,341,638
(178,546)				(5,444)		(20,000)	(25,000)	(5,000)	(5,000)	(5,000)		(243,990
(183,419)	(50,096)	(55,360)	(700)	(88,230)	(19,187)	(81,958)	(78,421)	(77,904)	(73,404)	(69,414)	(69,414)	(847,507
(15,875)	(1,619)	(3,176)	- 1	(10,773)		(42,750)	(28,950)	-	-			(103,143
(180,282)												(180,282
(444,620)	-	-	(5,584)	(10,000)	-	(60,000)	(320,000)	(115,000)	(25,000)	(30,000)	-	(1,010,204
(1,703,401)	(805,442)	(731.887)	(748,612)	(923,219)	(472,379)	(719.867)	(834,390)	(570,134)	(468,265)	(520,711)	(402,489)	(8,900,796
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(1 247 400)	675 202	427 407	(8 166)	294 775	(39.080)	209	(23.579)	(226 139)	(337 782)	(631 786)	(501.753)	(4,475,890
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2,730,000			1,000,000		300,000	200,000						4,300,000
170.000												470.000
			(00.000)									170,000
(260,000)	675,202	427,407	901,834	294,775	260,920	250,209	(23,579)	(226,139)	(337,782)	(631,786)	(501,753)	(350,000
	January  Actual  96,130  167,629  14,188  15  171,973  - 6,081  - 359,871  (56,760) (374,698) (37,463) (27,462)  (35,151) (5,429) (9,052) (154,644) (178,546) (183,419) (15,875)	January   February   Actual   Actual   Actual	January   February   March   Actual   Actual	January   February   March   April   Actual   Actual	January   February   March   April   May   Actual   Actual   Actual   Actual   Actual   3 pays   96,130   1,170,607   675,202   427,407   901,834   167,629   143,901   248,055   29,804   56,409   14,188   15,953   2,175   99,553   105,998   171,973   142,290   132,303   99,823   83,284   - 628   227   61   - 6,081   7,265   1,252   12,319   (7,877)   359,871   310,037   484,092   313,040   316,159   (56,760)   (14,932)   (41,616)   (41,094)   (27,791)   (374,698)   (393,481)   (380,053)   (374,266)   (547,849)   (37,463)   (47,352)   (35,191)   (32,871)   (53,909)   (27,462)   (47,481)   (65,350)   (47,430)   (12,970)   (38,762)   (15,000)   (10,000)   (1,500)	January   February   March   April   May   June	January   February   March   April   May   June   July	January   February   March   Actual   Actual   Actual   Actual   Actual   Actual   3 pays   96,130   1,170,607   675,202   427,407   991,834   294,775   260,920   250,209   167,629   143,901   248,055   29,804   56,409   2,705   1,766   285,027   14,188   15,953   2,175   99,553   105,998   78,430   78,000   -	January   February   March   Actual   Actual	January   February   March   Actual   Actual	January   February   March   April   May   June   July   August   September   October   November	January   February   March   Actual   Actual

#### **Framework:**

- Deposits
- Payments
- Financing
- Beginning and Ending Cash
- Change in cash

Match to Bank Account – "Source of Truth"

# Cash Flow - Management Tool - Cash In

	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
6/4/2019	January	February	March	April	May	June	July	August	September	October	November	December	Totals
	Actual	Actual	Actual	Actual	Actual								
					3 pays						3 pays		
ginning Cash	96,130	1,170,607	675,202	427,407	901,834	294,775	260,920	250,209	(23,579)	(226,139)	(337,782)	(631,786)	
Deposits													
Wires													
Checks	167,629	143,901	248,055	29,804	56,409	2,705	1,766	285,027	220 574	251,122	150 490	272,321	1,838,7
						-		285,027	229,574	251,122	150,480	2/2,321	
Big customer 1	14,188	15,953	2,175	99,553	105,998	78,430	78,000		25,000	400.000	75,000	-	494,2
Big customer 2			100,080	71,480	78,345	-	200,000		100,000	100,000			649,9
Seat license deposit	-	-		•	-	-	145,800	253,575	-	-	-	260,200	659,5
Credit cards-institution									-	-	-	-	-
Credit cards-Direct	171,973	142,290	132,303	99,823	83,284	57,389	33,591	22,000	13,000	5,500	1,227		762,3
Other	-	628	227	61	-	-	-	-	-	-	-	-	9
In-Transit	6,081	7,265	1,252	12,319	(7,877)								19,0
	-	-	-	-	-	-	-	-	-	-	-	-	
Total Deposits	359,871	310,037	484,092	313,040	316,159	138,524	459,157	560,602	367,574	356,622	226,707	532,521	4,424,9
													3,642,5
Payments													3,642,5
Interest		-	-	-	-	-	-		-	-	-	-	
Credit card (shipping)	(56,760)	(14,932)	(41,616)	(41,094)	(27,791)	(27,245)	(30,000)	(30,000)	(30,000)	(30,000)	(30,000)	(30,000)	(389,4
Payroll, internal	(374,698)	(393,481)	(380,053)	(374,266)	(547,849)	(320,322)	(293,493)	(186,517)	(173,480)	(171,611)	(245,633)	(163,334)	(3,624,7
Payroll, 1099	(37,463)	(47,352)	(35,191)	(32,871)	(53,909)	(37,436)	(25,328)	(21,532)	(17,927)	(28,786)	(29,986)	(19,709)	(387,4
Payroll, 1099 Product	(27,462)	(47,481)	(65,350)	(47,430)	(12,970)	(17,381)	(15,000)	-	-	-	-	-	(233,0
Sales commissions	( , , ,	(38,762)	(,,	(15,000)	(1,000)	,,,,	(1,000)	(1,000)	(11,000)	(10,000)	(10,000)	(14,000)	(101,7
Benefits (401k, claim)	(35,151)	(36,515)	(45,674)	(32,324)	(26,732)	(20,342)	(33,752)	(21,449)	(19,950)	(19,735)	(18,832)	(18,783)	(329,2
Use tax	(5,429)	(655)	(525)	(1,425)	(157)	(26)	(4,959)	(6,055)	(3,970)	(3,852)	(2,448)	(5,751)	(35,2
Misc (cc fees, postage	(9,052)	(7,079)	(6,818)	(6,185)	(6,657)	(7,250)	(5,000)	(5,000)	(5,000)	(5,000)	(5,000)	(5,000)	(73,0
Fixed vendor checks	(154,644)	(167,470)	(98,123)	(191,733)	(131,707)	(23,190)	(106,627)	(110,467)	(110,903)	(95,878)	(74,398)	(76,498)	(1,341,6
Inventory vendors		(167,470)	(90,123)	(191,733)		(23,190)						(70,490)	(243,9
	(178,546)	(50,000)	(55.000)	(700)	(5,444)	(40.407)	(20,000)	(25,000)	(5,000)	(5,000)	(5,000)	(00.444)	
60 day vendor checks	(183,419)	(50,096)	(55,360)	(700)	(88,230)	(19,187)	(81,958)	(78,421)	(77,904)	(73,404)	(69,414)	(69,414)	(847,5
Product Development	(15,875)	(1,619)	(3,176)	-	(10,773)		(42,750)	(28,950)	-	-			(103,1
Big Vendor 1													
Big Vendor 2	(180,282)												(180,2
Vendor pymt plan	(444,620)	-	-	(5,584)	(10,000)	-	(60,000)	(320,000)	(115,000)	(25,000)	(30,000)	-	(1,010,2
Total Payments	(1,703,401)	(805,442)	(731,887)	(748,612)	(923,219)	(472,379)	(719,867)	(834,390)	(570,134)	(468,265)	(520,711)	(402,489)	(8,900,7
Balance pre Financing	(1,247,400)	675,202	427,407	(8,166)	294,775	(39,080)	209	(23,579)	(226,139)	(337,782)	(631,786)	(501,753)	(4,475,8
Borrow-Bank	8,007												8,0
Repay-Bank													(250,0
	(250,000)			4.000.000		200.000	050.000						
Sale of business line Investment	2,750,000			1,000,000		300,000	250,000						4,300,0
Investor Funds/Loan	170,000												170,0
Investment banker fee	(260,000)			(90,000)									(350,0
mivestinent banker ret	(∠60,000)			(90,000)	- 1		-	-					(350,0

Deposits
Wires
Checks
Big customer 1
Big customer 2
Seat license deposit
Credit cards-institutio
Credit cards-Direct
Other
In-Transit
Total Deposits

What are your primary sources of cash?

### Cash Flow - Management Tool - Cash Out

	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
6/4/2019	January	February	March	April	May	June	July	August	September	October	November	December	Totals
	Actual	Actual	Actual	Actual	Actual								
					3 pays						3 pays		
ginning Cash	96,130	1,170,607	675,202	427,407	901,834	294,775	260,920	250,209	(23,579)	(226,139)	(337,782)	(631,786)	
Deposits													
Wires													
Checks	167,629	143,901	248,055	29,804	56,409	2,705	1,766	285,027	229,574	251,122	150,480	272,321	1,838,793
Big customer 1	14,188	15,953	2,175	99,553	105,998	78,430	78,000		25,000		75,000		494,297
Big customer 2		-	100,080	71,480	78,345	-	200,000		100,000	100,000		-	649,905
Seat license deposit	_	_	-	- 1,100		_	145,800	253,575	-		_	260,200	659,575
Credit cards-institution	ıc						140,000	200,010				200,200	000,010
Credit cards-Direct	171,973	142,290	132,303	99,823	83,284	57,389	33,591	22,000	13,000	5,500	1,227		762,380
Other	171,373	628	227	61	-	-	-	22,000	- 13,000	3,300	1,221	-	916
In-Transit						-	-	-	-		-		
III-II diiSit	6,081	7,265	1,252	12,319	(7,877)	_	_				_	_	19,040
Tatal Danasita	-		40.4.000		- 010.150					-			4 40 4 000
Total Deposits	359,871	310,037	484,092	313,040	316,159	138,524	459,157	560,602	367,574	356,622	226,707	532,521	4,424,906
													3,642,570
Payments													3,642,570
Interest		-	-	-	-	-	-		-		-	-	-
Credit card (shipping)	(56,760)	(14,932)	(41,616)	(41,094)	(27,791)	(27,245)	(30,000)	(30,000)	(30,000)	(30,000)	(30,000)	(30,000)	(389,438)
Payroll, internal	(374,698)	(393,481)	/agy veat	7577 5660	7E X 7 B X N ( )	וופרפ חפפו	lour cuci	/4 0 E E 4 7 \	7479 3000	7474 6441	70% 2001	74 20 00 31	10 601 7061
Payroll, 1099	(37,463)	(47,352)											
Payroll, 1099 Product	(27,462)	(47,481)											
Sales commissions		(38,762)		(15,000)	(1,000)		(1,000)	(1,000)	(11,000)	(10,000)	-	(14,000)	(101,762)
Benefits (401k, claim)	(35,151)	(36,515)	(45,674)	(32,324)	(26,732)	(20,342)	(33,752)	(21,449)		(19,735)	(18,832)	(18,783)	(329,240)
Use tax	(5,429)	(655)	(525)	(1,425)	(157)	(26)	(4,959)	(6,055)	(3,970)	(3,852)	(2,448)	(5,751)	(35,251)
Misc (cc fees, postage	(9,052)	(7,079)	(6,818)	(6,185)	(6,657)	(7,250)	(5,000)	(5,000)	(5,000)	(5,000)	(5,000)	(5,000)	(73,041)
Fixed vendor checks	(154,644)	(167,470)	(98,123)	(191,733)	(131,707)	(23,190)	(106,627)	(110,467)	(110,903)	(95,878)	(74,398)	(76,498)	(1,341,638)
Inventory vendors	(178,546)				(5,444)		(20,000)	(25,000)	(5,000)	(5,000)	(5,000)		(243,990)
60 day vendor checks	(183,419)	(50,096)	(55,360)	(700)	(88,230)	(19,187)	(81,958)	(78,421)	(77,904)	(73,404)	(69,414)	(69,414)	(847,507)
Product Development	(15,875)	(1,619)	(3,176)	-	(10,773)		(42,750)	(28,950)	-	-			(103,143)
Big Vendor 1													-
Big Vendor 2	(180,282)												(180,282)
Vendor pymt plan	(444,620)	-	-	(5,584)	(10,000)	-	(60,000)	(320,000)	(115,000)	(25,000)	(30,000)	-	(1,010,204)
Total Payments	(1,703,401)	(805,442)	(731,887)	(748,612)	(923,219)	(472,379)	(719,867)	(834,390)	(570,134)	(468,265)	(520,711)	(402,489)	(8,900,796)
Balance pre Financing	(1,247,400)	675,202	427,407	(8,166)	294,775	(39,080)	209	(23,579)	(226,139)	(337,782)	(631,786)	(501,753)	(4,475,890)
Dorrow Donk	0.007												0.007
Borrow-Bank	8,007												8,007
Repay-Bank	(250,000)			4 000 000		000 000	050.000						(250,000)
Sale of business line	2,750,000			1,000,000		300,000	250,000						4,300,000
Investment	470 000												-
Investor Funds/Loan	170,000												170,000
Investment banker fee	(260,000)			(90,000)				-					(350,000)

**Payments** Interest Credit card (shipping) Payroll, internal Payroll, 1099 Payroll, 1099 Product Sales commissions Benefits (401k, claim) Use tax Misc (cc fees, postage) Fixed vendor checks **Inventory vendors** 60 day vendor checks **Product Development** Big Vendor 1 Big Vendor 2 Vendor pymt plan **Total Payments** 

"Fixed"

"Variable"

# Cash Flow - Management Tool - Financing

	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
6/4/2019	January	February	March	April	May	June	July	August	September	October	November	December	Totals
	Actual	Actual	Actual	Actual	Actual								
					3 pays						3 pays		
Beginning Cash	96,130	1,170,607	675,202	427,407	901,834	294,775	260,920	250,209	(23,579)	(226,139)	(337,782)	(631,786)	
Deposits													
Wires													-
Checks	167,629	143,901	248,055	29,804	56,409	2,705	1,766	285,027	229,574	251,122	150,480	272,321	1,838,793
Big customer 1	14,188	15,953	2,175	99,553	105,998	78,430	78,000	-	25,000		75,000	-	494,297
Big customer 2	-	- 1	100,080	71,480	78,345	-	200,000	-	100,000	100,000	-	-	649,905
Seat license deposit	-	-	-	-	- 1	- 1	145,800	253,575	-	-	-	260,200	659,575
Credit cards-institution	ns								-		-	-	-
Credit cards-Direct	171,973	142,290	132,303	99,823	83,284	57,389	33,591	22,000	13,000	5,500	1,227		762,380
Other	-	628	227	61	-	-	-	-	-		-	-	916
In-Transit	6,081	7,265	1,252	12,319	(7,877)								19,040
	-	-	-		-	-	-	-	-		-	-	-
Total Deposits	359,871	310,037	484,092	313,040	316,159	138,524	459,157	560,602	367,574	356,622	226,707	532,521	4,424,906
													3,642,570
Payments													3,642,570
Interest		-	-	-	-	-	-		-		-	-	
Credit card (shipping)	(56,760)	(14,932)	(41,616)	(41,094)	(27,791)	(27,245)	(30,000)	(30,000)	(30,000)	(30,000)	(30,000)	(30,000)	(389,438
Payroll, internal	(374,698)	(393,481)	(380,053)	(374,266)	(547,849)	(320,322)	(293,493)	(186,517)	(173,480)	(171,611)	(245,633)	(163,334)	(3,624,736
Payroll, 1099	(37,463)	(47,352)	(35,191)	(32,871)	(53,909)	(37,436)	(25,328)	(21,532)	(17,927)	(28,786)	(29,986)	(19,709)	(387
Payroll, 1099 Product	(27,462)	(47,481)	(65,350)	(47,430)	(12,970)	(17,381)	(15,000)	-	-	-	-	-	
Sales commissions	, ,	(38,762)	, , ,	(15,000)	(1,000)	, , ,	(1,000)	(1,000)	(11,000)	(10,000)	(10,000)	11	
Benefits (401k, claim)	(35,151)	(36,515)	(45,674)	(32,324)	(26,732)	(20,342)	(33,752)	(21,449)	(19,950)	(19,735)	(18,833		240
Use tax	(5,429)	(655)	(525)	(1,425)	(157)	(26)	(4,959)	(6,055)	(3,970)	(3,852)			(35,251
Misc (cc fees, postage	(9,052)	(7,079)	(6,818)	(6,185)	(6,657)	(7,250)	(5,000)	(5,000)		(5.0		(5,000)	(73,041
Fixed vendor checks	(154,644)	(167,470)	(98,123)	(191,733)	(131,707)	(23,190)	(106,627)	(110,467)			الد	(76,498)	(1,341,638
Inventory vendors	(178,546)	( , , , ,	(, -,	( , , , , ,	(5,444)	( -, -,	(20,000)	(25,000)			(5,000)		(243,990
60 day vendor checks	(183,419)	(50,096)	(55,360)	(700)	(88,230)	(19,187)	(81,958)	(78,421)		(4)	(69,414)	(69,414)	(847,507
Product Development		(1,619)	(3,176)	-	(10,773)	,	(42,750)				(, ,	(, ,	(103,143
Big Vendor 1	( - / - /	,	(-, -,		( , , , ,								-
Big Vendor 2	(180,282)												(180,282
Vendor pymt plan	(444,620)	-	-	(5,584)	(10,000)			(320,000)	(115,000)	(25,000)	(30,000)	-	(1,010,204
Total Payments	(1,703,401)	(805,442)	(731,887)	(748,612)	(923,210		07)	(834,390)	(570,134)	(468,265)	(520,711)	(402,489)	(8,900,796
,	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(3.3.7./	( , , , , ,	,			77.	(,,	(2 2, 2 ,	(,,	(-,,,,	<u> </u>	(-,,
Balance pre Financing	(1,247,400)	675,202	427,407	(2		,se,080)	209	(23,579)	(226,139)	(337,782)	(631,786)	(501,753)	(4,475,890
	(.,,,	0.0,202	,			(00,000)		(==,=.=)	(===,:==)	(00.1.0=)	(00.,.00)	(001,100)	(.,,
Borrow-Bank	8,007												8,007
Repay-Bank	(250,000)												(250,000
Sale of business line	2,750,000			1,000,000		300,000	250,000						4,300,000
Investment	_,, 00,000			.,000,000		555,555	200,000						-,000,000
Investor Funds/Loan	170,000												170,000
Investment banker fee				(90,000)			-	-					(350,000
Ending Cash, Forecast	1,170,607	675,202	427,407	901,834	294,775	260,920	250,209	(23,579)	(226,139)	(337,782)	(631,786)	(501,753)	(,500

Balance pre Financing
Borrow-Bank
Repay-Bank
Sale of business line
Investment
Investor Funds/Loan
Investment banker fee

**Ending Cash, Forecast** 

28

# Cash Flow – Management Tool

	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
6/4/2019	January	February	March	April	May	June	July	August	September	October	November	December	Totals
	Actual	Actual	Actual	Actual	Actual		•						
					3 pays						3 pays		
eginning Cash	96,130	1,170,607	675,202	427,407	901,834	294,775	260,920	250,209	(23,579)	(226,139)	(337,782)	(631,786)	
egg eas	00,100	1,110,001	0.0,202	127,107	001,001	201,770	200,020	200,200	(20,010)	(220,100)	(001,102)	(001,700)	
Deposits													
Wires													
Checks	167.629	143,901	248,055	29.804	56,409	2,705	1.766	285,027	229,574	251,122	150,480	272,321	1,838,793
Big customer 1	14,188	15,953	2,175	99.553	105,998	78,430	78,000	203,027	25,000	231,122	75,000	272,321	494,297
Big customer 2	14,100	10,900	100,080	71,480	78,345	70,430	200,000		100,000	100,000	75,000		649,905
-													
Seat license deposit		-	-	-	-	-	145,800	253,575	-	-	-	260,200	659,575
Credit cards-institution												-	
Credit cards-Direct	171,973	142,290	132,303	99,823	83,284	57,389	33,591	22,000	13,000	5,500	1,227		762,380
Other		628	227	61	-	-	-	-	-	-	-	-	916
In-Transit	6,081	7,265	1,252	12,319	(7,877)								19,040
	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Deposits	359,871	310,037	484 092	313 040	316 159	138 524	459 157	560 602	367 574	356 622	226 707	532 521	4 424 906
Payments													
Interest		-											
Credit card (shipping)	(56,760)	(14,932)	(41,616)	(41,094)	(27,791)	(27,245)	(30,000)	(30,000)	(30,000)	(30,000)	(30,000)	(30,000)	(389,438
Payroll, internal	(374,698)	(393,481)	(380,053)	(374,266)	(547,849)	(320,322)	(293,493)	(186,517)	(173,480)	(171,611)	(245,633)	(163,334)	(3,624,736
Payroll, 1099	(37,463)	(47,352)	(35,191)	(32,871)	(53,909)	(37,436)	(25,328)	(21,532)	(17,927)	(28,786)	(29,986)	(19,709)	(387,490
Payroll, 1099 Product	(27,462)	(47,481)	(65,350)	(47,430)	(12,970)	(17,381)	(15,000)	-	-	-	-	-	(233,075
Sales commissions		(38,762)		(15,000)	(1,000)		(1,000)	(1,000)	(11,000)	(10,000)	(10,000)	(14,000)	(101,762
Benefits (401k, claim)	(35,151)	(36,515)	(45,674)	(32,324)	(26,732)	(20,342)	(33,752)	(21,449)	(19,950)	(19,735)	(18,832)	(18,783)	(329,240
Use tax	(5,429)	(655)	(525)	(1,425)	(157)	(26)	(4,959)	(6,055)	(3,970)	(3,852)	(2,448)	(5,751)	(35,251
Misc (cc fees, postage)	(9,052)	(7,079)	(6,818)	(6,185)	(6,657)	(7,250)	(5,000)	(5,000)	(5,000)	(5,000)	(5,000)	(5,000)	(73,041
Fixed vendor checks	(154,644)	(167,470)	(98,123)	(191,733)	(131,707)	(23,190)	(106,627)	(110,467)	(110,903)	(95,878)	(74,398)	(76,498)	(1,341,638
Inventory vendors	(178,546)	( , , , ,	(, -,	( , , , , , ,	(5,444)	( -,,	(20,000)	(25,000)	(5,000)	(5,000)	(5,000)	( -, ,	(243,990
60 day vendor checks	(183,419)	(50,096)	(55,360)	(700)	(88,230)	(19,187)	(81,958)	(78,421)	(77,904)	(73,404)	(69,414)	(69,414)	(847,507
Product Development	(15,875)	(1,619)	(3,176)	(, 00)	(10,773)	(10,101)	(42,750)	(28,950)	(11,001)	(10,101)	(00,111)	(66,111)	(103,143
Big Vendor 1	(10,070)	(1,013)	(5,176)		(10,773)		(42,700)	(20,550)					(100,140
Big Vendor 2	(180,282)												(180,282
Vendor pymt plan	(444,620)		_	(5,584)	(10,000)		(60,000)	(320,000)	(115,000)	(25,000)	(30,000)		(1,010,204
Total Payments	(1,703,401)	(805,442)	(731,887)	(748,612)	(923,219)	(472,379)	(719,867)		(570,134)	(468,265)	(520,711)	(402,489)	(8,900,796
Total Payments	(1,703,401)	(805,442)	(/31,00/)	(748,012)	(923,219)	(412,319)	(100,601)	(834,390)	(570,134)	(400,∠05)	(520,711)	(402,489)	(8,900,796
Palanco pro Finer-rise	(4.047.400)	675.000	407.407	(0.400)	204.775	(20.000)	202	(00 570)	(000 400)	(227.702)	(004.700)	(504.750)	(4.475.000
Balance pre Financing	(1,247,400)	675,202	427,407	(8,166)	294,775	(39,080)	209	(23,579)	(226,139)	(337,782)	(631,786)	(501,753)	(4,475,890
Daman Divi													
Borrow-Bank	8,007												8,007
Repay-Bank	(250,000)												(250,000
Sale of business line	2,750,000			1,000,000		300,000	250,000						4,300,000
Investment													-
Investor Funds/Loan	170,000												170,000
Investment banker fee	(260,000)			(90,000)	-		-	-					(350,000
nding Cash, Forecast	1,170,607	675,202	427,407	901,834	294,775	260,920	250,209	(23,579)	(226,139)	(337,782)	(631,786)	(501,753)	

#### **Key Features:**

- Monthly Trend
  - Actual vs Forecast
- Cash ties to bank balance
- Total Deposits
- Total Payments
- Deposits minus Payments = Cash Burn
- Auto format for negative cash
- Model to "play with"

# **Cash Flow – Final Thoughts**





**Cash is King** 



**Be Conservative** 



**Room For the Unknown** 

# Navigating PPP and The CARES Act

Loan Forgiveness, PPP for Cash Flow, and Eligible Payroll Credits/Deferrals



# Paycheck Protection Program (PPP)

**Update 7/2/2020:** Congress Extends Application Deadline to Aug. 8

#### **Forgiveness**

- New forgiveness rules issued mid June
- Allow 24 weeks of expenses as "covered period"
- SC&H's Collection of PPP Blogs

#### If Not Forgiven, Then Converts to Loan

- 1% rate for 5 years
- Good source of funding
- Coordinate with your PPP funding bank

### Payroll Tax Relief Programs – Still Available

#### Payroll Tax Credit - FFCRA

- Employees who are sick, taking care of someone who is sick or children not in daycare or school
- Max of \$511/day if sick or \$200/day if taking care of children
- Can be for less than 40 hours/week
- Total of 12 weeks combined
- Available through December 31
- Work with your payroll provider to capture this time and report

### Payroll Tax Relief Programs – Still Available

#### **Payroll Retention Credit**

- Show 50% reduction in revenue or shut down
- \$5,000 credit max per employee
- Can file with quarterly tax filings
- Does not apply if received a PPP

Both are refundable or available as an advance

### Payroll Tax Relief Programs – Still Available

#### **Payroll Tax Deferral**

- Defers your employer portion of payroll tax
  - No interest rate loan = good for cash flow
- 50% pay by December 31, 2021
- 50% pay by December 31, 2022
- New line on the 941
- Coordinate with your payroll provider

### Other Tax Saving Ideas

#### **Sales Tax**

If remit timely (by the 20<sup>th</sup> of the following month), then discount payment by 10%

#### **Research and Development Tax Credit**

- You can file amendments for prior years
- If you have a large R&D tax credit sitting on your tax return, you can amend your income tax return and your payroll tax returns and get that cash back

# **Grant Agreements & Flexibility**



#### **Grants and Other Sources of Cash**

#### SBIR - Small Business Innovation Research

https://www.sbir.gov/

#### Maryland – BIITC – Biotechnology Investment Incentive Tax Credit

- https://commerce.maryland.gov/fund/programs-for-businesses/bio-tax-credit
- BIITC provides an investor with income tax credits equal to 50%\* of an eligible investment in a Qualified Maryland Biotechnology Company (QMBC). The program supports investment in seed and early stage biotech companies to promote and grow the biotech industry in Maryland.
  - Commerce will begin accepting applications for the FY2021 program in mid-August 2020.
     Please stay tuned to this website for updates regarding the new application system.

# **Grant Funding**



Be aware of PPP vs grant funding—cannot double dip





Some are expenditure driven



Some are milestone driven





**Goal=maximize grant funding** 

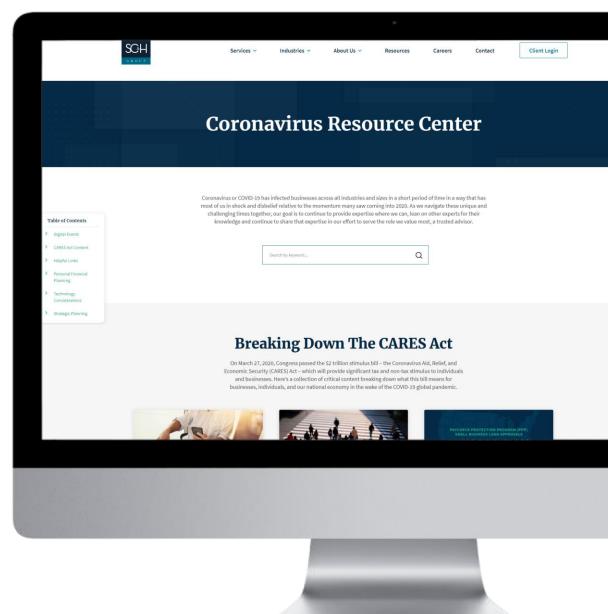
# Questions?



### **COVID-19 Resource Center**

- Resources for both businesses and individuals
- Relevant content from across the firm
- Continually being updated with resources and digital events

https://www.schgroup.com/coronavirus-resource-center/



### Thank You!



Pam Chelden
Principal
SC&H Group

□ pchelden@schgroup.com



Leanna Steele
Senior
SC&H Group



POWERFUL MINDS. PASSIONATE TEAMS. PROVEN RESULTS.