			Hamilton	xpense State \$11M Plant E oduction for Pr	Expansion			Ha		r 23, 2009 Decisions Expansion
Starting March	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
REVENUE										
Sales Revenue Product A	3,600,000	5,562,000	6,073,164	6,647,784	7,253,796	7,888,104	8,639,784	9,431,640	10,305,600	11,225,352
Sales Revenue Product B	2,700,000	2,920,320	3,095,412	3,401,664	3,663,744	4,007,700	4,372,992	4,832,352	5,247,468	5,764,500
Total Revenue	6,300,000	8,482,320	9,168,576	10,049,448	10,917,540	11,895,804	13,012,776	14,263,992	15,553,068	16,989,852
EXPENSES										
Labor	720,000	734,400	749,088	771,561	794,707	818,549	843,105	868,398	894,450	921,284
Materials	2,520,000	3,392,928	3,667,430	4,019,779	4,367,016	4,758,322	5,205,110	5,705,597	6,221,227	6,795,941
Repairs & Maintenance	240,000	247,200	254,616	262,254	270,122	278,226	286,573	295,170	304,025	313,146
Utilities	36,000	37,440	38,938	40,495	42,115	43,800	45,552	47,374	49,269	51,239
Marketing & Sales Fixed Costs	720,000	748,800	778,752	809,902	842,298	875,990	911,030	947,471	985,370	1,024,785
Sales Commissions	1,260,000	1,696,464	1,833,715	2,009,890	2,183,508	2,379,161	2,602,555	2,852,798	3,110,614	3,397,970
Total Expenses	5,496,000	6,857,232	7,322,539	7,913,881	8,499,767	9,154,046	9,893,925	10,716,808	11,564,954	12,504,364
Net Income	804,000	1,625,088	1,846,037	2,135,567	2,417,773	2,741,758	3,118,851	3,547,184	3,988,114	4,485,488

#### Income & Expense Statement Yearly

Hamilton \$11M Plant Expansion Increased production for Product's A & B November 23, 2009 Investit Decisions Hamilton \$11M Expansion

Starting March

#### REVENUE

Sales Revenue Product A Sales Revenue Product B Total Revenue

#### **EXPENSES**

Labor Materials Repairs & Maintenance Utilities Marketing & Sales Fixed Costs Sales Commissions **Total Expenses** 

Net Income

			Н	amilton \$11M	<b>sh Flow Yearl</b> Plant Expansi n for Product's	on			In	ember 23, 2009 vestit Decisions \$11M Expansion
Starting March	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
CASH FLOW BEFORE TAX										
Revenue	6,300,000	8,482,320	9,168,576	10,049,448	10,917,540	11,895,804	13,012,776	14,263,992	15,553,068	16,989,852
Expenses	5,496,000	6,857,232	7,322,539	7,913,881	8,499,767	9,154,046	9,893,925	10,716,808	11,564,954	12,504,364
Net Income	804,000	1,625,088	1,846,037	2,135,567	2,417,773	2,741,758	3,118,851	3,547,184	3,988,114	4,485,488
Less: Principle Payments	344,242	369,127	395,811	424,424	455,106	488,006	523,284	-	-	-
Interest payments	199,095	174,209	147,525	118,912	88,230	55,331	20,053	-	-	-
Working Capital Additions	200,000	-	-	-	-	-	-	-	-	(200,000)
CASH FLOW BEFORE TAX	60,664	1,081,752	1,302,700	1,592,230	1,874,437	2,198,421	2,575,515	3,547,184	3,988,114	4,685,488
Less: Income Tax at 33.00%	(344,881)	(446,860)	(87,446)	211,928	451,251	664,272	867,030	1,061,669	1,239,846	1,426,849
CASH FLOW AFTER TAX	405,545	1,528,612	1,390,147	1,380,303	1,423,186	1,534,149	1,708,485	2,485,515	2,748,268	3,258,639
INCOME TAX CALCULATIONS										
Net Income	804,000	1,625,088	1,846,037	2,135,567	2,417,773	2,741,758	3,118,851	3,547,184	3,988,114	4,485,488
Less: Interest Payments	199,095	174,209	147,525	118,912	88,230	55,331	20,053	-	-	-
Depreciation & Amortization	1,650,000	2,805,000	1,963,500	1,374,450	962,115	673,481	471,436	330,005	231,004	161,703
Taxable Income	(1,045,095)	(1,354,121)	(264,988)	642,205	1,367,428	2,012,946	2,627,363	3,217,179	3,757,110	4,323,785
Income Tax at 33.00%	(344,881)	(446,860)	(87,446)	211,928	451,251	664,272	867,030	1,061,669	1,239,846	1,426,849

# Working Capital Yearly

#### Hamilton \$11M Plant Expansion Increased production for Product's A & B

	2010	2011	2012	2013	2014	2015	2016	2017	2018 20	19
Working Capital Balance. Beginning of Year Additions to Working Capital Balance. End of Year	- 200,000 200,000	200,000 _ 200,000	200,000 _ 200,000	200,000 _ 200,000	200,000 _ 200,000	200,000 _ 200,000	200,000 - 200,000	200,000 _ 200,000	200,000 200 - (200, 200,000	),000 ,000) -
Working Capital Summary Balance. Beginning of Year Additions to Working Capital Balance. End of Year	- 200,000 200,000	200,000 - 200,000	200,000 200 - (200, 200,000	),000 ,000) -						

#### **Net Cash Flow (Before Tax)** Hamilton \$11M Plant Expansion

#### Hamilton \$11M Plant Expansion Increased production for Product's A & B

November 23, 2009 Investit Decisions Hamilton \$11M Expansion

		Working	Capital	Financ	cing	Operating Cash Flov	,	Sale Proceeds		Net Cash Flow
Year	Investment	Additions	Reductions	 Borrow	Paid Back	(Before Ta	x)	(Before Tax)	(E	Before Tax)
2010 Mar-2011 Feb	\$ (11,000,000)	\$ (200,000)	-	\$ 3,000,000	-	\$ 60,	664	-	\$	(8,139,336)
2011 Mar-2012 Feb	-	-	-	-	-	1,081,	752	-		1,081,752
2012 Mar-2013 Feb	-	-	-	-	-	1,302,	700	-		1,302,700
2013 Mar-2014 Feb	-	-	-	-	-	1,592,	230	-		1,592,230
2014 Mar-2015 Feb	-	-	-	-	-	1,874,	437	-		1,874,437
2015 Mar-2016 Feb	-	-	-	-	-	2,198,	421	-		2,198,421
2016 Mar-2017 Feb	-	-	-	-	-	2,575,	515	-		2,575,515
2017 Mar-2018 Feb	-	-	-	-	-	3,547,	184	-		3,547,184
2018 Mar-2019 Feb	-	-	-	-	-	3,988,	114	-		3,988,114
2019 Mar-2020 Feb	-	-	200,000	-	-	4,685,	488	270,000		5,155,488
								Total	\$	15,176,505

## Financial Returns (Before Tax)

Internal Rate of Return (IRR)	16.84%
Net Present Value (NPV) at 12.00%	\$ 2,528,815
Modified Internal Rate of Return (MIRR)	11.83%
Short Term Financing Rate (Before Tax)	7.000%
Short Term Reinvestment Rate (Before Tax)	2.500%
Annual Equivalency at 12.00%	\$ 447,560
Benefit to Cost Ratio at 12.00%	1.19
Payback Period	6.03 years.
Discounted Payback Period at 12.00%	8.40 years.

#### November 23, 2009 Investit Decisions Hamilton \$11M Expansion

#### **Net Cash Flow (After Tax)** Hamilton \$11M Plant Expansion

## Increased production for Product's A & B

Operating Sale Net Financing Cash Flow Working Capital Proceeds Cash Flow Additions Reductions Borrow Paid Back (After Tax) Year Investment (After Tax) (After Tax) \$ (11,000,000) (200,000) 3,000,000 \$ \$ \$ 405,545 \$ 2010 Mar-2011 Feb --(7,794,455) -2011 Mar-2012 Feb 1,528,612 1,528,612 \_ \_ \_ 1,390,147 2012 Mar-2013 Feb 1,390,147 \_ \_ -\_ 2013 Mar-2014 Feb 1,380,303 1,380,303 \_ \_ \_ 2014 Mar-2015 Feb 1,423,186 1,423,186 \_ \_ 2015 Mar-2016 Feb 1,534,149 1,534,149 \_ \_ 2016 Mar-2017 Feb 1,708,485 1,708,485 \_ \_ 2,485,515 2017 Mar-2018 Feb 2,485,515 --\_ \_ \_ 2018 Mar-2019 Feb 2,748,268 2,748,268 -\_ -\_ -2019 Mar-2020 Feb 200,000 3,258,639 295,511 3,754,150 \_ --\_ 10,158,358 Total \$

#### Financial Returns (After Tax)

Internal Rate of Return (IRR)	13.85%
Net Present Value (NPV) at 7.80%	\$ 3,120,804
Modified Internal Rate of Return (MIRR)	8.98%
Short Term Financing Rate (After Tax)	4.550%
Short Term Reinvestment Rate (After Tax)	1.625%
Annual Equivalency at 7.80%	\$ 460,905
Payback Period	6.31 years.
Discounted Payback Period at 7.80%	8.03 years.

## Cash Flow on Disposition

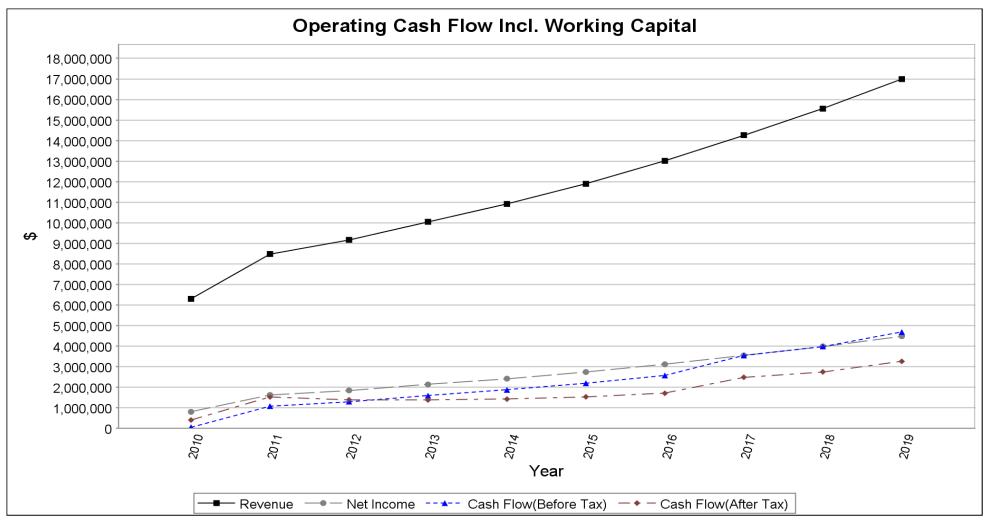
Hamilton \$11M Plant Expansion Increased production for Product's A & B

Cash Flow	on Disposition (Before Tax)		
Salvag	e Value		\$ 300,000
Less:	Selling Expenses		 30,000
Cash I	Flow on Disposition (Before Tax)		270,000
Cash Flow	on Disposition (After Tax)		
Net Sa	Ivage Value		270,000
Less:	Capital Gains Tax		
	Net Salvage Value	270,000	
	Less Cost Basis	11,000,000	
	Capital Gains	- x 33.00% x 50.00%	-
Less:	Recaptured Depreciation Tax		
	Tax Value of Investments on Sale	300,000	
	Less Undepreciated Balance	377,306	
	Recaptured Depreciation	(77,306) x 33.00%	 (25,511)
Cash I	Flow on Disposition (After Tax)		 295,511
	· · · /		

				Hamilto	<b>ue Calculation</b> n \$11M Plant roduction for P	Expansion	3		Ha		r 23, 2009 Decisions Expansion
	Starting March	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>REVENUE</b> Sales Revenue Product A Sales Revenue Product B		3,600,000 2,700,000	5,562,000 2,920,320	6,073,164 3,095,412	6,647,784 3,401,664	7,253,796 3,663,744	7,888,104 4,007,700	8,639,784 4,372,992	9,431,640 4,832,352	10,305,600 5,247,468	11,225,352 5,764,500
	Total	6,300,000	8,482,320	9,168,576	10,049,448	10,917,540	11,895,804	13,012,776	14,263,992	15,553,068	16,989,852

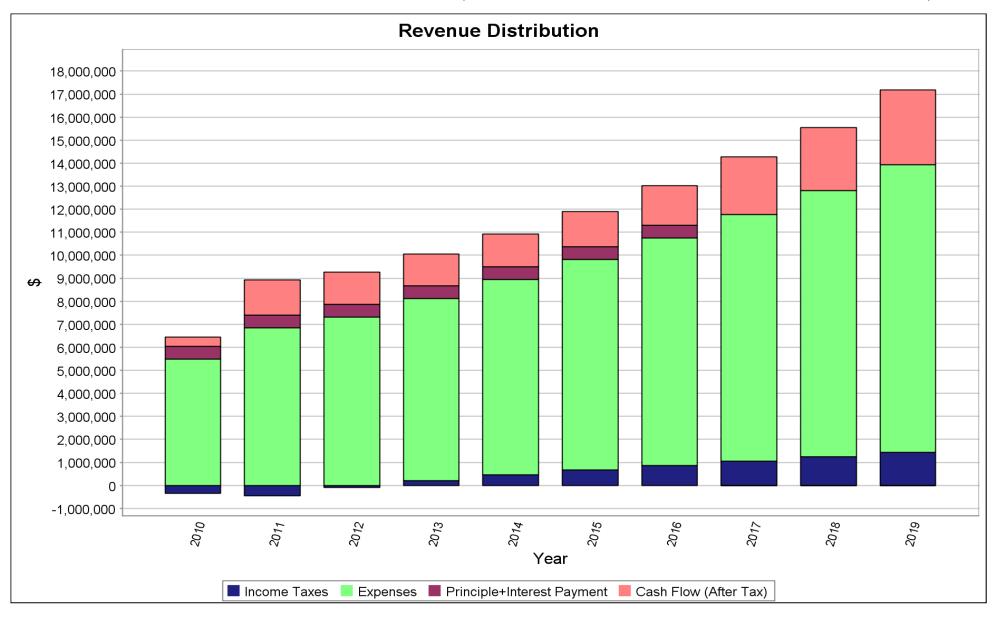
				Hamilt	on \$11M Pla	tions Yearly nt Expansior r Product's A					lovember 23, 2009 Investit Decisions on \$11M Expansion
	Starting March	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Labor Materials Repairs & Maintenance Utilities Marketing & Sales Fixed Costs Sales Commissions		720,000 2,520,000 240,000 36,000 720,000 1,260,000	734,400 3,392,928 247,200 37,440 748,800 1,696,464	749,088 3,667,430 254,616 38,938 778,752 1,833,715	771,561 4,019,779 262,254 40,495 809,902 2,009,890	794,707 4,367,016 270,122 42,115 842,298 2,183,508	818,549 4,758,322 278,226 43,800 875,990 2,379,161	843,105 5,205,110 286,573 45,552 911,030 2,602,555	868,398 5,705,597 295,170 47,374 947,471 2,852,798	894,450 6,221,227 304,025 49,269 985,370 3,110,614	921,284 6,795,941 313,146 51,239 1,024,785 3,397,970
	Total	5,496,000	6,857,232	7,322,539	7,913,881	8,499,767	9,154,046	9,893,925	10,716,808	11,564,954	12,504,364

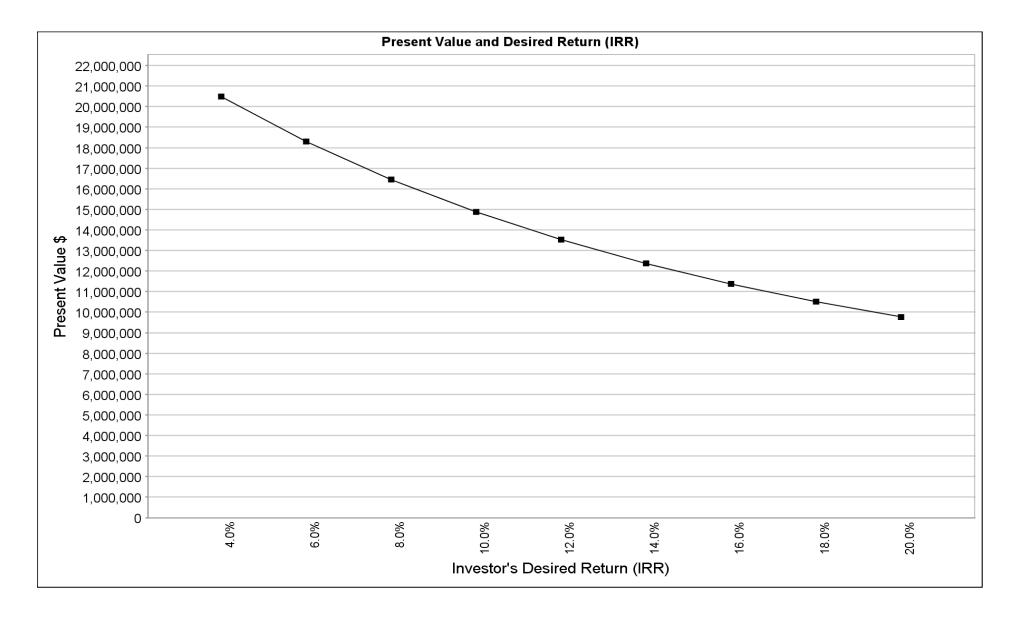
Graph. Operating Cash Flow Incl. Working Capital Hamilton \$11M Plant Expansion Increased production for Product's A & B



Graph. Operating Cash Flow Incl. Working Capital Hamilton \$11M Plant Expansion

Increased production for Product's A & B





#### Input Data Summary Hamilton \$11M Plant Expansion Increased production for Product's A & B

November 23, 2009 Investit Decisions Hamilton \$11M Expansion

#### **Decision Investment Analysis**

Note: For information on Revenue, Expenses and Working Capital inputs and projections see the Revenue, Expense and projections description reports and the Working Capital report.

#### **Project Information**

Analysis Period10 yearsStarting dateMarch 2010

#### Investor Information

Marginal Tax Rate 33.00% Capital Gain. 50.00% added to income

Desired Return on Investment (D Before Tax: After Tax:	iscount Rate) 12.00% 7.80%
Short Term Reinvestment Rates Before Tax: After Tax:	2.500% 1.625%
Short Term Financing Rates Before Tax: After Tax:	7.000% 4.550%

#### Input Data Summary Hamilton \$11M Plant Expansion Increased production for Product's A & B

#### Investment information

#### Total Invested in Year 1 is \$ 11,000,000

		CCA Class		Date	Amount	CCA Rate	First Year	Claim CCA ir Last Year
Plant Expar	nsion	Equipment/Machinery		Mar, 2010	\$ 11,000,000	30.00%	50.00%	Yes
Financing	I							
Financing								
Starts:		March 2010						
Туре:		Standard Mortgage						
Amount:		\$ 3,000,000						
Interest Ra	ate:	Fixed						
Payment F	- requency:	Monthly						
	ding Frequency:	Monthly						
-	ments/Borrowing:	No						
Rounding	Ū	Up to Nearest Cent						
No of Tern	ns:	1						
		Nominal						
		Annual						
Term	Time Period	Interest Rate	Amortization					
1	7 yrs & 0 mos	7.000%	7 yrs & 0 mos					

#### Input Data Summary Hamilton \$11M Plant Expansion Increased production for Product's A & B

## SALVAGE VALUE

Disposition Costs

Selling Expenses

10.00% of the Salvage Value

	Capital	Salvage	% of Capital
	Investment	Value	Investment
Plant Expansion	\$ 11,000,000	\$ 300,000	2.73%

November 23, 2009 Investit Decisions Hamilton \$11M Expansion

#### **EXPENSES PROJECTIONS**

#### Labor

Entry Choice: \$ per Month					
2010 Mar	\$60,000.00 per Month paid monthly for 12 months				
	Compounding at 2.00% per year for next 2 years				
	then Compounding at 3.00% per year for next 7 years				

#### **Materials**

Entry Choice: % of Revenue(s)					
Sales Revenue Product A					
Sales Revenue Product B					
2010 Mar	40.00% of Revenue(s) for 12 months				
	Constant per year for next 9 years				

#### **Repairs & Maintenance**

Entry Choice: \$ per Month 2010 Mar \$20,000.00 per Month paid monthly for 12 months Compounding at 3.00% per year for next 9 years

#### Utilities

Entry Choice: \$ per Month 2010 Mar \$3,000.00 per Month paid monthly for 12 months Compounding at 4.00% per year for next 9 years

## Marketing & Sales Fixed Costs

Entry Choice: \$ per Month 2010 Mar \$60,000.00 per Month paid monthly for 12 months Compounding at 4.00% per year for next 9 years

#### **Sales Commissions**

Entry Choice: % of Revenue(s) Sales Revenue Product A Sales Revenue Product B 2010 Mar 20.00% of Revenue(s) for 12 months Constant per year for next 9 years

## **REVENUE PROJECTIONS**

Sales Revenue Product A Entry Choice: \$ per Unit Product A Hamilton \$11M Plant Expansion Increased production for Product's A & B November 23, 2009 Investit Decisions Hamilton \$11M Expansion

2010 Mar \$3,000 per Unit Product A entered monthly for 12 months Compounding at 3.00% per year for next 9 years

#### Sales Revenue Product A

#### Entry Choice: Quantity

2010 Mar	100 entered monthly for 12 months
2011 Mar	150 entered monthly for 12 months
	Compounding at 6.00% per year for next 8 years

#### Sales Revenue Product B

Entry Choice: \$ per Unit Product B 2010 Mar \$4,500 per Unit Product B entered monthly for 12 months Compounding at 4.00% per year for next 9 years

#### Sales Revenue Product B

Entry Choice: Quantity

2010 Mar50 entered monthly for 12 monthsCompounding at 3.00% per year for next 2 yearsthen Compounding at 5.00% per year for next 7 years

### **Plant Expansion**

Starting Date:	2010 March
Amount	\$ 11,000,000
CCA Claim:	Full CCA Claim
CCA Method:	Equipment/Machinery
CCA Rate:	30.0%
First Year Rate:	50.0%
Claim CCA in last Year:	Yes

		Value of		CCA		CCA	Uno	depreciated
Comencing	Im	provements	-	Avaliable	Claimed		Balance	
2010 Mar-2011 Feb	\$	11,000,000	\$	1,650,000	\$	1,650,000	\$	9,350,000
2011 Mar-2012 Feb				2,805,000		2,805,000		6,545,000
2012 Mar-2013 Feb				1,963,500		1,963,500		4,581,500
2013 Mar-2014 Feb				1,374,450		1,374,450		3,207,050
2014 Mar-2015 Feb				962,115		962,115		2,244,935
2015 Mar-2016 Feb				673,481		673,481		1,571,454
2016 Mar-2017 Feb				471,436		471,436		1,100,018
2017 Mar-2018 Feb				330,005		330,005		770,013
2018 Mar-2019 Feb				231,004		231,004		539,009
2019 Mar-2020 Feb				161,703		161,703		377,306
Tota	I \$	11,000,000			\$	10,622,694		

#### Mortgage Schedule Hamilton \$11M Plant Expansion Increased production for Product's A & B

Financing	
Amount:	\$ 3,000,000
Туре:	Standard Mortgage
Analysis Start Date:	March 2010
Mortgage Commences:	March 2010
Payment Frequency:	Monthly
Payment Rounded:	Up to Nearest Cent
Compounding Frequency:	Monthly
Interest Rate:	Fixed
Additional Payment or Borrowing:	No

Tarma	Start Date of	Time P	eriod	Nominal Annual	Amortiz	zation
 Term	(Balloon) Term	Years	Months	Interest Rate	Years	Months
 1	2010 Mar	7	0	7.000 %	7	0

Payout at end of Analysis Period: Feb 2020 - - - -   Payout at end of last Term: Feb 2017 - - - -	Outstanding Balance	End of Year Accrued Interest	Mortgage Payout
	-		-

				Additional	
		Interest	Principal	Payment or	Outstanding
Time Period	Payment	Payment	Payment	(Borrowing)	Balance
2010 Mar-2011 Feb	543,336.48	199,094.75	344,241.73	-	2,655,758.27
2011 Mar-2012 Feb	543,336.48	174,209.47	369,127.01	-	2,286,631.26
2012 Mar-2013 Feb	543,336.48	147,525.28	395,811.20	-	1,890,820.06
2013 Mar-2014 Feb	543,336.48	118,912.05	424,424.43	-	1,466,395.63
2014 Mar-2015 Feb	543,336.48	88,230.37	455,106.11	-	1,011,289.52
2015 Mar-2016 Feb	543,336.48	55,330.71	488,005.77	-	523,283.75
2016 Mar-2017 Feb	543,336.48	20,052.73	523,283.75	-	-
	3,803,355.36	803,355.36	3,000,000.00	-	