# Client XXXXXXXXXXXXXXX New World Project

Progress Update December 13, 2016



# **Physical Changes**

December 13, 2016



#### Warehouse Layout Changes Nearing Completion

All areas for reconfiguration are under construction, or complete.

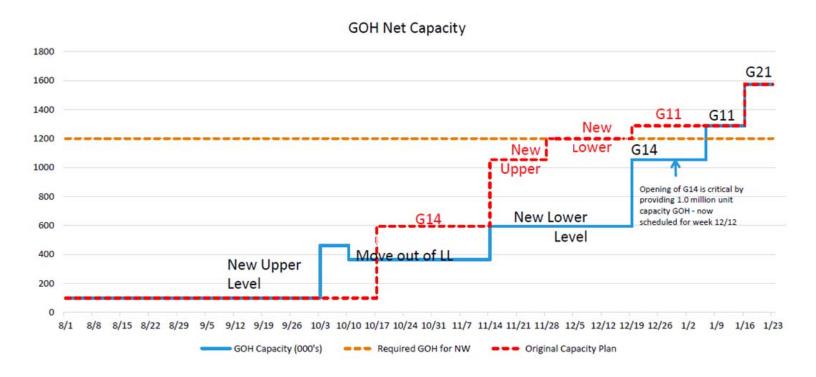
Several impediments/opportunities created by **fire code** (in addition to pushing out project timeline 2-3 weeks):

- Fire code required installing a drop ceiling to bring overall ceiling height to under 30 feet
  - Changed order of work to bring Upper Mezzanine (G22 & G23) online first
  - Pushed G14 out until completion of ceiling and sprinkler work
- In rack sprinklers required for G11
  - By installing mezzanine over G11, no need to build deck to direct water flow
  - Mezzanine install was similar cost, met long term goal of additional capacity
- Change in storage type required modifications to in-rack sprinklers in lower mezzanine
  - Pushed full opening of lower mezzanine (G12 & G13) out several weeks
  - Still allows use of lower mezzanine, but partial rotating areas cleared to do sprinkler work
  - Delays full flex/static setup until sprinklers are done (ETA 12/23)

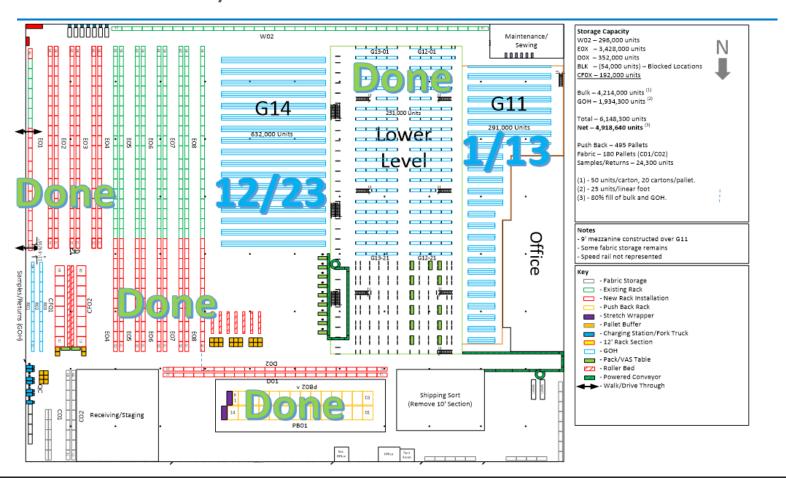
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# New World Update: Timeline

The project timing has moved out modestly driven by (i) permits, (ii) sprinklers and (iii) ceiling, but our key date now is to open G14 before Christmas so we are ready for seasonal upswing in January.

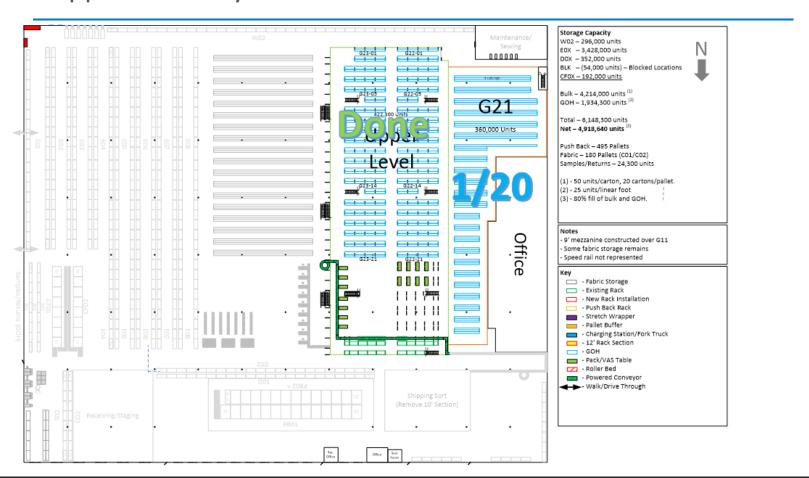


#### Lower Level Layout



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#### **Upper Level Layout**

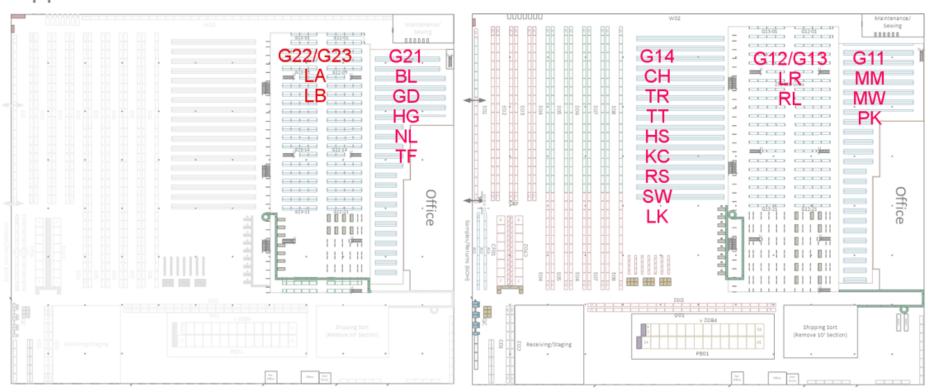


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# **GOH Locations Plan by Division**

#### **Upper Level**

#### Lower Level



# **People Changes**

December 13, 2016



#### New Team and Philosophy in Place

Personnel changes have been made from top to bottom

- Culture change made possible by changing the environment in which we work
- New ideas and approaches have been introduced by new employees
- Expertise in specific areas of opportunity has been injected

Communication pathways have been radically altered to streamline communication channels

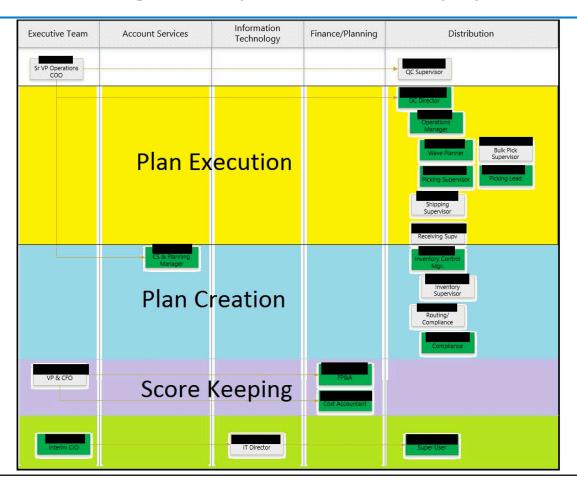
- Direct communication channels for disciplines introduced
- Area specialists are involved in daily meetings at operator level and management level

Repetitive communication of details reduced by providing systems to communicate expectations and feedback

- Dashboard and scorecard reports communicate expectations and feedback
- Entire team is on the same set of data, reducing confusion and disparate direction

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### Extensive Change in Players and Philosophy



Indicates employees in role less than 6 months.

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# **Process Changes**

December 13, 2016



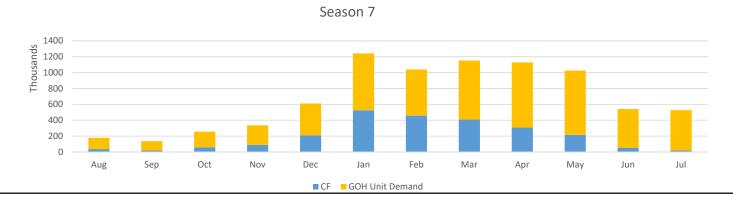
#### Movement on to New World 1B in Season 7

- The original plan was to move to 2A in Season 7, 1B in Season 8
  - Original option was slower conversion to 2A with packing and shipping on ACS
  - Move to pack and ship RF on PowerHouse was set for Season 8, with conversion of all order types to RF set for after that.
- With new resources on board, decision was made to go on to 1B in October
  - Tested, interfaced and working for all order types included in 1B (1B excludes prepacks, DTC, and ecommerce)
  - It was determined the resources to go to 1B were not substantially more than interfacing to 2A, and those resources were available

**❖** Previous shipping issues...BOL, duplicate cartons, no tracking number. Fixed by process!

#### View GOH and Bulk as Two Distinct Businesses

- Bulk and GOH work types are different
  - Bulk orders (predominately private label) are placed and dated differently than GOH pick orders
  - · Capacity for replenishing and picking bulk orders is very different than GOH pick orders
- A new case flow area is running Bulk type orders
  - Allows for high velocity, high volume picking with limited resources (depending on mix,
     DC can process over 100k units per day)
  - For Season 7, not using RF for case flow order picking
  - Eventual movement to 1A for Season 8 will bring case flow into RF picking process



Case Flow and GOH Volume Forecast

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#### Order Flow and S&OP Improvements

- Monthly formal S&OP meeting
  - Comprehensive review of order book, forecasts, and production timelines ahead of each booking control date
  - Meeting chaired by XXXX XXXXXX but includes all sales VPs, planners, customer service, production and finance
- Daily DC Touch Base in BP; looking further out
  - Institutional focus on shipping start date rather than cancel date
  - Review orders not on pick for the next 4 weeks along with incoming dates of WIP
  - Prevent surprises to the DC for receipts, turn time, and orders dropping
- Daily and weekly order reviews at XXXXXX
  - Weekly: sales, customer service, production, logistics, finance, and distribution do a 4 week order review to discuss any current and potential issues and how to solve (S&OP Update)
  - Daily: XXXXX conducts a review of all units open and on allocation in conjunction with a supply demand match to
    determine status of orders and pose questions to the customer service team. Has reduced number of orders being
    dropped late
- Single POC to the DC XXXXX handles all communications from planning and customer service to DC
  - · Quicker response time
- No orders are dropped less than 2 days before cancel date without DC approval
  - Extensions are obtained prior to dropping to DC, causing less confusion
- Greater focus on Pack & Hold
  - Dropping orders at less than 100% available allows us to smooth production and more efficiently use capacity
- Now turning our attention to rules for ATS (Available to Sell) order writing/order drops vis-à-vis booking control dates

#### Daily Score Board – Keeps Plan Creators on the Same Page



### Wave Gate Keeper – Keeps Plan Executors on the Same Page

#### Wave Gate Keeper - POPs

Wave \$	Wave Date	Cancel \$ Date	Submitted \$ Date/Time	Description	Wave Type	Total Pcs	VAS Pcs	Picked Pcs	Packed Pcs	CRP	CRD	POP	Pcs / Pick	Calc	Short	Other Pending
7676	12/05/16	12/09/16	12/05 12:01 PM		LOW GOHSKU	2,144	2.144	2,144	1,820					100.00%		
7675	12/08/16	12/09/16	12/06 09:36 AM		LOW GOHSKU	2,522	2,522	305				524	4.23	100.00%		
7692	12/07/16	12/09/16	12/06 11:03 AM		UPSKU	2,314	2,314	111	35			807	2.73	100.00%		
7683	12/07/16	12/02/16	12/07 06:35 AM		UP	2,612	2,612	680	540			689	2.80	100.00%		
7670	12/08/16	12/09/16	12/07 09:49 AM		UP	4,042	4,042	4,042	3,475					100.00%		
7694	12/08/16	12/09/16	12/07 11:02 AM		UP	1,742		72	72			834	2.00	100.00%		
7689	12/08/16	12/09/16	12/07 11:12 AM		UP	3,186						1,566	2.03	100.00%		
7718	12/08/16	12/09/16	12/07 01:31 PM		UP	29		22	5			5	1.40	100.00%		
7671	12/08/16	12/09/16	12/07 01:34 PM		UP	3,537	3,537	3,537	1,384					100.00%		
7703	12/08/16	12/13/16	12/07 02:59 PM		UPSKU	1,261	1,261	1,261	861					100.00%		
7681	12/08/16	12/06/16	12/08 07:25 AM		UP_PCL	2,125	<u>36</u>	822	342			937	1.39	100.00%		
7693	12/09/16	12/09/16	12/08 07:44 AM		LOW GOH	1,728						622	2.70	97.22%	48	
7674	12/09/16	12/09/16	12/08 09:19 AM		LOW GOHSKU	3,834	3,834					1,267	2.98	98.41%	<u>61</u>	
7696	12/09/16	12/12/16	12/08 01:48 PM		UP	894						296	3.02	100.00%		
7697	12/09/16	12/12/16	12/08 01:55 PM		UP	455	455					299	1.52	100.00%		
Waves:	15					32,425	22,757	12,996	8,534			7,846	2.46			

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### Takt Reports – Every Step of RF Processing Is Measured

#### Picking Takt - 12/8/2016

Average Pieces/Pick: 2.52

		Goal	45	45	36	45	45	20	45	36	45	45	21	428	
Name/Hour		Zone	06	07	08	09	10	11	12	13	14	15	16	Total \$	Average
			37											37	37
		ZU	14	14	16	8	12	11	13	11	15	19	9	142	13
		ZU	43	40	34	41	35	16	42	35	46	51	26	409	37
		ZU	61	46	55	53	115	45	73	62	81	67	18	676	61
		ZU	46	37	35	54	42	17	39	26	50	52	27	425	39
		ZU	41	43	33	23	39	14	34	28	32	25	21	333	30
			71	54	41	21	68	20	73	26				374	47
	17	ZU	54	45	60	38	32	25	48	43	55	53	26	479	44
			3							6	7	7	3	26	5
	3		29											29	29
		ZU	18	23	24	40	23	11	32	19	21	15	7	233	21
		ZU	40	41	56	15	30	27	59	42	43	29	17	399	36
				12										12	12
		ZU	61	47	20	35	57	33	60	48	58	49	16	484	44
		ZU		6	7	1	11	1		2				28	5
		ZU	19	27	24	32	36	12	46	22	28	33	21	300	27
		<i>7</i> U	68	47	51	66	71	36	58	46	60	50	18	571	52
		ZU	38	30	31	60	28	18	32	30	27	43	29	366	33
		ZU				9	40	22	23	32	46	33	21	226	28
		ZU	55	36	4	34	62	26	72	59	49	55	24	476	43
Total			698	548	491	530	701	334	704	537	618	581	283	6,025	35
Average			41	34	33	33	44	21	47	32	41	39	19		

Takt Reports are to be shown in each work area, updating constantly, to provide continuous feedback to operators.

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# Results To-Date

December 13, 2016



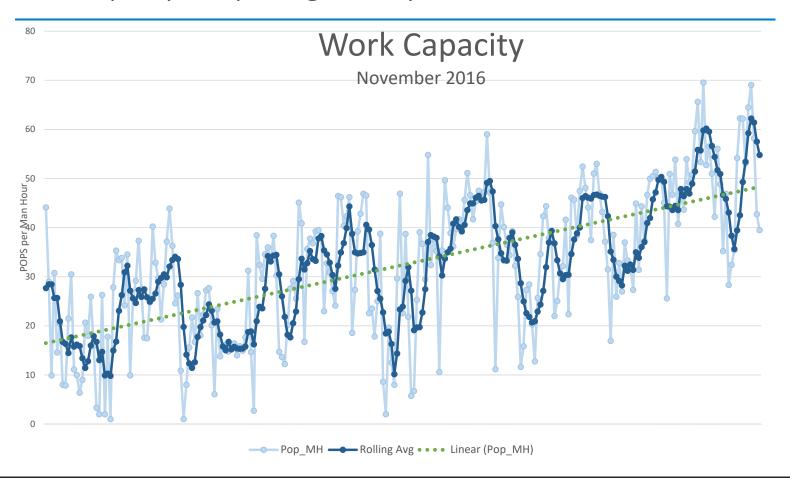
#### New World Key Operating Achievements

- Operating in the Upper Mezzanine and Lower Mezzanine with pick, pack and VAS
- Driving all activity with RF directed work, excluding Case Flow (i.e. private label) and set matching
- VAS Capacity has been maximized in the small footprint, reducing impact on shipping
- Pickers are trained on RF picking. Takt for prior manual pickers (new RF pickers) now approaching that of seasoned RF pickers.
- Extended PH to pack and ship (originally planned for season 8); seamlessly achieved and eliminated that interface between PH and ACS.
- Flex and static replenishment coding is well underway. Division locations near completion
- New systems, processes and personnel put in place to track, resolve and cure compliance chargebacks
  - Formalized process has been implemented to review and share compliance chargebacks to mitigate future chargebacks
  - While it is still early in the season, Season 7 chargebacks are de minimis

#### New World Lessons Learned

- Mix is as big a risk as ever. Order density, size, VAS, special packing look different in Q1 vs. Q2 and determines daily/weekly/monthly productivity and throughput
- VAS volume and requirements continue to grow; we are working with sales to develop a game plan to reduce VAS or at least get paid for some of it
- Increasingly the opportunities come from better integrating Cypress with Buena Park
- Leadership must maintain pace control and focus on meeting ship dates (not only achieving revenue)
- Future order interface work to be completed
  - Pick By SKU flag sent with Pick Ticket
  - Integrate VAS instructions into ACS order prior to PH download
  - Customer Master Sync
  - In-Transit air freight (Split ship visibility)

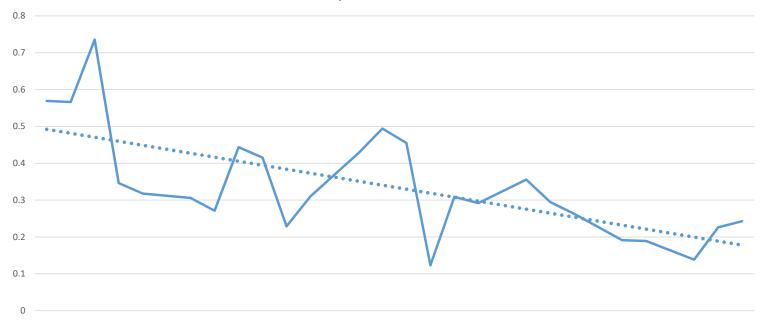
#### Pick Capacity is Improving – Nearly Doubles in November Alone



### Pick Consistency is Improving

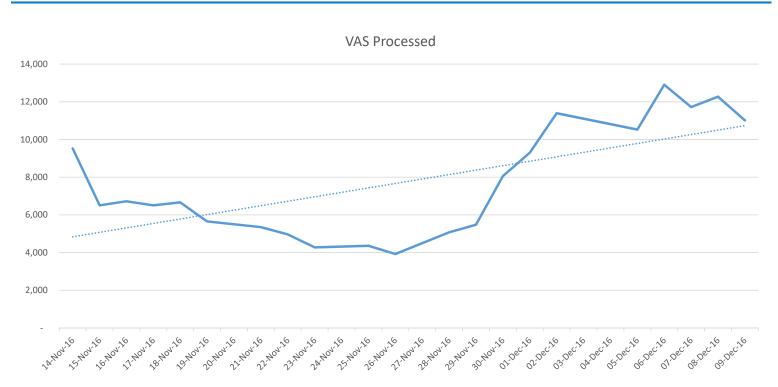
## **Hourly Pick Volatility**

POPS per MH in November



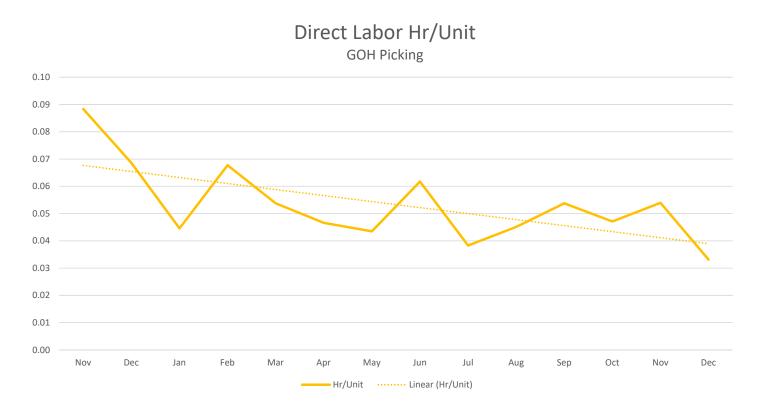
Reducing volatility (StDev/Mean) shows a process under control

#### New VAS Stations Allow For Flexible VAS Capacity



VAS mix is determined by order pattern. Some smoothing is possible, but flexible capacity is key. Heavy VAS orders can be pulled earlier in the month when order patterns may be light.

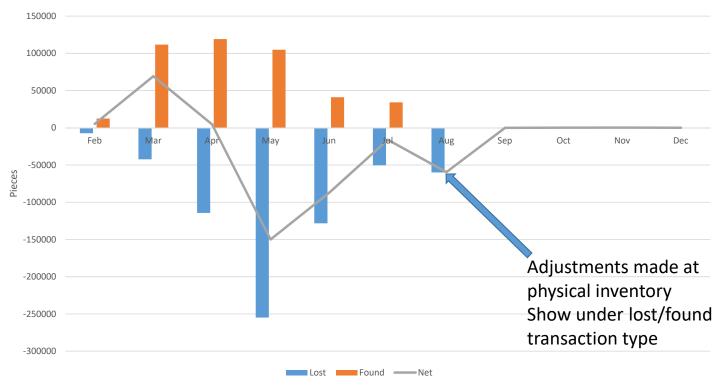
#### **GOH Pick Volume Takes Less Labor to Process**



Direct labor associated with GOH Picking is dropping

#### Inventory Accuracy Nearly Eliminates Lost & Found Corrections

#### Lost and Found Inventory Transactions



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#### IT Initiative Accomplishments – Including Move to 1B

#### Inventory Integrity

- Collaboration Started weekly inventory meetings, with IT, Finance, Customer Service and Sales
- · Benefit Inventory efficiency and integrity

#### Infrastructure Changes

- Low Voltage cables have been run to accommodate New World Upper and Lower Mezzanine Packing Stations
- Benefit Better efficiency packing in the Upper and Lower GOH

#### Order Enhancements

- VAS Codes
  - Created VAS program to update the ACS customer master with correct Power House VAS Codes
- Benefit DC efficiency in packing. System driven work rather that "tribal knowledge"

#### Inbound ASN & UCC128 Label

- Developed UCC128 barcoded corner label to be applied by the factories for inbound shipments
- Developed, test, and implemented ASN interface from NGC to Power House
- Receiving team trained on new ASN receiving process
- Started receiving labeled inbound shipments as of November 2016
- Benefit Better, faster efficiency in receiving process and removes human error

#### Staff Upgrade

- Hired XXXX XXXXXX (ACS Developer) and XXXXXX XXXXXX (WMS Analyst)
- Much less reliant on outside consultants in IT

# **Looking Forward**

Anticipated FY17 and Next Steps December 13, 2016



#### **Project Continuation**

The project is within budget, but slightly behind timeline due to permitting constraints

The operation is well under control

- Our IT initiatives are ahead-of-schedule
- All aspects of the project are tested and working independently
- Processes are being documented as SOPs are developed

Inventory integrity is solid

- Complete physical in August cleaned up two years' errors
- Audit showed <1/2% variance</li>
- Lost and Found (inventory inaccuracy cleanup) transactions are nearly zero

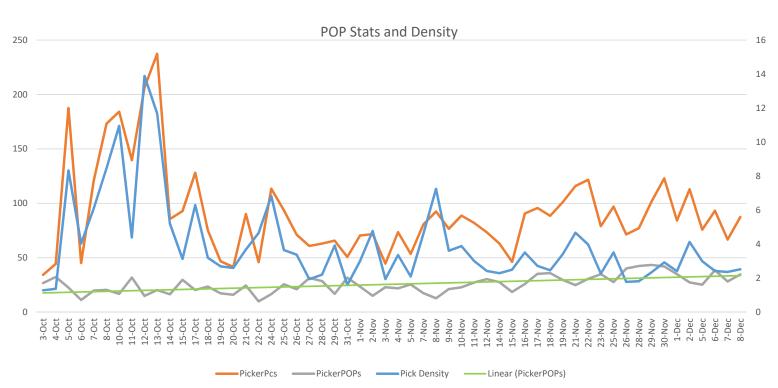
New World will achieve demand based on volume forecast and expected characteristics of that volume

- Our capacity curve is where we expected
- Density is following closely to Season 6

# New World Budget – Tracking to Favorable

						Remaining	
Category	FY1	17 Bank Plan	FY17 Paid	Re	vised Projection	To Pay	
Ceiling Installation		201,500	\$ 29,391	\$	109,950	\$ 80,560	Reduced footprint
Conveyor reconfiguration		262,652	228,126		235,101	6,975	
Electrical Contract Services		31,450	33,920		107,300	73,380	New lighting plan
Engineering Services		44,060	12,181		55,381	43,200	
GOH Lighting		186,250	-		195,000	195,000	New lighting plan
GOH Hardware, Accessories & Installation		1,325,914	472,227		1,122,716	650,489	
Permitting & Certification		13,750	6,876		25,719	18,844	
Professional Fees		-	-		31,100	31,100	
Racking & fixuring removal		53,000	41,711		132,855	91,144	
Sprinkler System Reconfiguration		270,500	-		192,000	192,000	
AS/400 Consulting		18,400	-		18,400	18,400	
Powerhouse Consulting (QSSI)		32,000	60,000		90,000	30,000	Completed 1B this phase
IT Hardware		7,696	278		8,000	7,722	
Temp Labor		-	21,131		-	-	GOH Install Uper/Lower
Contingency		244,717	97		232,352	211,124	_
Total	\$	2,691,889	\$ 905,938	\$	2,555,875	\$ 1,649,937	
Proceeds From Sale of Assets					20,000	20,000	_
Net Capital Spending	\$	2,691,889	\$ 905,938	\$	2,535,875	\$ 1,629,937	

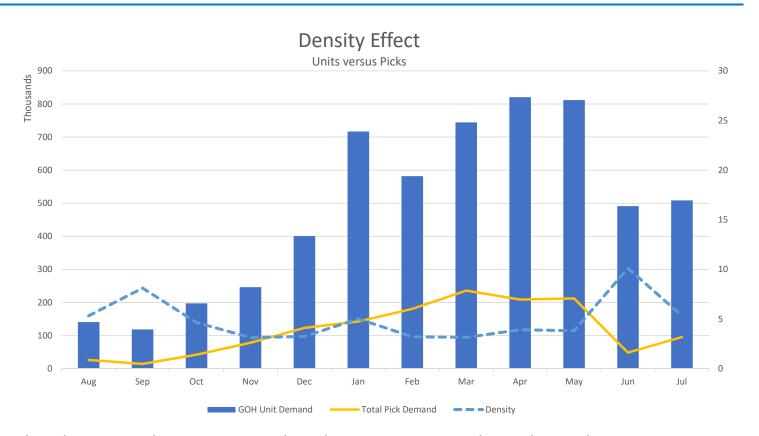
#### Normal Seasonal Density Impacts Unit Pick Capacity



Reduction in pick density is along seasonal norm. This density is accounted for in headcount plan. Capacity will be sufficient if density seasonality is normal.

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### But Density will Improve going into Peak Season



Higher density moderates increased work to meet increased unit demand.

#### Current Performance and Density Trend Shows Capacity is Sufficient



#### Continued IT Progress – Move to 1A for Season 8

- Inventory Integrity
  - Maintaining Inventory Integrity will remain IT's primary focus!
- "New World 1A"
  - Samples Need to be able to transact against samples in PowerHouse.
    - Allow samples to flow through normal PowerHouse order process.
    - ETA December 2016 Currently in development.
  - Ecommerce integration to flow direct to consumer and ecommerce orders through PowerHouse!
    - This is currently out of development and in testing!
    - ETA End of December 2016
  - Ship Via Creating, and updating ACS attributes to match Power House.
    - Benefit Increased efficiency in order download to Power House. Less time filling in missing information.
    - ETA End of December 2016, currently in development.
  - Pre-Packs Currently handled outside of Power House and shipped through ACS.
    - Goal is to develop a parent / child relationship in ACS for pre-packs.
    - ETA TBD / Summer 2017
  - Multi Divisional Orders Allow for more than one division or brand on an order.
    - This will aid in the ability to bring ecommerce in house.
    - Allows us to scale the direct to consumer business.
    - ETA Spring 2017