fmr GM Linden
NJD 002 186 690
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HULL

September 6, 2016

Mr. Gary Greulich
New Jersey Department of Environmental Protection
Northern Regional Office
7 Ridgedale Avenue
Cedar Knolls, NJ 07927

RE: Remedial Action Progress Report No. 28 for the Industrial #1 Redevelopment Area Portion of the Former General Motors (GM) Linden Assembly Plant, 1016 West Edgar Road, Linden, Union County, New Jersey 07036; DUK059.701.0216.

Dear Mr. Greulich:

On May 28, 2009, the New Jersey Department of Environmental Protection (NJDEP) approved the New Jersey Remedial Action Work Plan and RCRA Corrective Measures Proposal Addendum No. 2 (RAWP) for the Industrial #1 Redevelopment Area of the Former GM Linden Assembly Plant. The May 28, 2009 approval letter requested Remedial Action Progress Report for the Industrial #1 Redevelopment Area on/by November 30, 2009. Subsequent reports are submitted on a quarterly basis.

As discussed during extensive correspondence with NJDEP, the Industrial #1 Redevelopment Area was sold in late-2013 by Linden Development LLC to Duke Linden LLC (Duke Linden). Duke Realty Corporation is a primary member of both the former owner (Linden Development LLC) and new owner (Duke Linden) and will provide for consistent implementation of the previously-approved remedial strategy outlined in RAWP Addendum No. 2.

As part of the property transaction, NJDEP assigned the following updated identification numbers for the industrial portion of the Former GM Plant which includes the Industrial #1 Redevelopment Area:

- Program Interest Number: 621084
- Case Tracking Number: E20040531-Industrial

This letter constitutes Remedial Action Progress Report No. 28 for the Industrial #1 Redevelopment Area. Hull has prepared this report on behalf of Duke Linden to summarize remedial activities completed on the Site between June 1, 2016 and August 31, 2016.

Requirements, according to N.J.A.C. 7:26E-6.6, are shown below in ***bold italics***, with Hull/Duke Linden's update following. The report certification required by N.J.A.C. 7:26E-1.5 is included in Attachment A.

1. NJDEP requires a description of each planned remedial action.

i. scheduled to be initiated or completed within the reporting period;
ii. actually initiated or completed during the reporting period; and
iii. scheduled but not initiated or not completed during the reporting period, including the reasons for the noncompliance with the approved schedule.

<u>Soil</u>
As outlined in the approved RAWP, the remedial activities for soils on the Industrial #1 Redevelopment Area consist of the following:

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669586

a. Establishing deed restrictions or environmental covenants to maintain commercial/industrial land use at the Site;

b. Regrading the site to achieve the grade necessary to support the proposed redevelopment;

c. Constructing building slabs, parking areas and roadways and placing one foot of clean soil over geotextile fabric in future greenspaces to preclude direct contact exposures to future receptor populations and/or provide cover to historical fill material; and

d. Surveying to demonstrate that all areas are covered with engineering controls (e.g., building slabs, parking areas and roadways) or one foot of clean soil.

The construction activities described in the RAWP have been completed or are currently being implemented in the Industrial #1 redevelopment portion of the site.

During the current reporting period Building 11construction activities were substantially completed by Duke. Building 11 was turned over to the tenant on June 1 by Duke Linden, LLC. The tenant is making modifications that will temporarily affect portions of interior and exterior engineering controls (hardscape surfaces and clean cover greenspace area) during their build-out of the structure. Tenant modifications will include lowering portions of the interior concrete floor slab, strengthening roof truss supports, interior build-out, and expanding sub-surface utilities.

Fill Material Import
No imported structural fill material or clean cap material from off-site sources were imported during the current reporting period.

Groundwater
On August 25, 2015, Duke, Hull and JM Sorge met with the NJDEP Case Manger to discuss establishing Classification Exception Areas (CEA) for the Retail and Industrial portions of the site. The groundwater impacts associated with the disputed groundwater area are associated with off-site sources. Based on the meeting, a groundwater permit and CEA will be established for the overburden groundwater zones over a portion of the Industrial #1 and #2 Development Areas in the AOI-6 area. Additional quarterly groundwater sampling has been conducted to support the monitored natural attenuation remedy. During the current reporting period, monitoring wells MW-18S, MW-21RS, MW-22S, MW-25RS, MW-39S, MW-50RS, MW-96S, BEC-9D, MW-35D, MW-91D, MW-92D, MW-93D, MW-95D, and MW-96D were sampled on August 22 and 23, 2016.

Tabulated groundwater analytical results along with the laboratory analytical reports for the August sampling event are provided in Attachment B.

Storm Sewer (AOI-18)
Remedial activities associated with AOI-18 are complete, as documented in Remedial Action Progress Report No. 1 (November 2009).

2. ***NJDEP requires discussion of problems and delays in the implementation of the RAWP, which should include proposals for corrections.***

During the current reporting period Duke substantially completed construction of Building 11. The Building 11 area occupies a portion of the Industrial #1 Redevelopment Area and the Industrial #2

Redevelopment Area. Following construction of Building 11 and planned modifications from the tenant, the implementation of the Industrial #1 RAWP will be complete.

3. ***NJDEP requires proposals for a deviation from, or modification to, the approved RAWP.***

No deviations from, or modifications to, the approved RAWP are planned or required at this time.

4. ***NJDEP requires submittal of a revised schedule pursuant to N.J.A.C. 7:26E-6.5, to reflect the changes as noted in 1 through 3 above.***

A revised schedule showing the tenant's anticipated construction schedule for Building 11 modifications and build-out is included in Attachment C.

5. ***NJDEP requires an updated status of all permit applications relative to the critical path schedule.***

The permits required for initiation of the remedial activities are summarized below.

Permit/Approval Type	Status	Notes
Planning Board Approval	Approved 11/17/08	Site plan approved by City of Linden Planning Board
NPDES Permit (Storm Water)	Approved 9/16/09	NPDES Permit No. 0088323
Soil Conservation District	Approved 9/16/09	Approved by Somerset-Union Conservation District
Building Permit for Building 12	Approved 12/4/13; Updated 7/10/14	
Building Permit for Building 13	Approved 6/12/14	
Building Permit for Building 11	Approved 9/24/15	

6. ***NJDEP requires a listing of each remedial action to be performed during the next reporting period.***

Construction activities related to Building 11 were substantially completed during this reporting period. This includes completing the engineering controls in the approved RAWP (building slabs, concrete and asphalt drives, parking areas and roadways, and placing one foot of clean cap material in greenspaces). During the next reporting period, tenant modifications will include lowering portions of the interior concrete floor slab, strengthening roof truss supports, interior build-out, and expanding sub-surface utilities. Upon completion of tenant modifications, the Building 11 Soil RAR will be submitted to NJDEP.

7. ***NJDEP requires costs of each remedial action.***

   i. ***Annual summary of all remedial action costs incurred to date; and***
   ii. ***Revised cost estimate for remedial actions remaining to be performed.***

Costs incurred include approximately $7,000 for AOI-18 storm sewer cleaning, approximately $15,000 for UST closure activities. The costs associated with earthwork, installation of engineering controls (construction of building slabs, pavement sections, etc. and placement of clean cover materials) are being tabulated and will be provided in the next quarterly report

The overall cost estimate for completing remedial activities remains consistent with that presented in the RAWP (i.e., approximately $11,900,000 for earthwork and construction of engineering controls).

8. ***NJDEP requires a tabulation of sampling results (according to N.J.A.C. 7:26E-3.13(c)3) received during the reporting period and a summary of the data and any conclusions, presented in a format consistent with N.J.A.C. 7:26E-4.8.***

A groundwater sampling event was conducted on August 22 and 23, 2016. Groundwater-related sampling results are provided in Attachment B.

9. ***NJDEP requires a summary of active groundwater remedial actions.***

   i. ***groundwater elevation maps with groundwater flow shown immediately before and during active groundwater remediation;***
   ii. ***graphs depicting changes in concentrations over time for all impacted wells as well as all down-gradient wells;***
   iii. ***summary of volume of water treated since last reporting period and the total volume treated since active remedial action commenced; and***
   iv. ***Summary of groundwater contamination, indicating either that contamination remains above applicable standards (include a proposal detailing additional remedial actions) or that concentrations are below applicable standards.***

The RAWP for the Industrial #1 Redevelopment Area was limited to soils only. Therefore, this section is not applicable.

10. ***NJDEP requires a summary of natural remediation groundwater remedial actions.***

   i. ***Summary table of the groundwater monitoring results collected; and***
   ii. ***Conclusions whether data indicate that natural remediation is no longer appropriate (must then also submit a revised RAWP).***

The RAWP for the Industrial #1 Redevelopment Area was limited to soils only. Therefore, this section is not applicable.

11. ***NJDEP requires a description of all wastes generated as a result of the remedial action.***

   i. ***Tabulation of waste characterization samples collected, including the physical state of the material, volume, number of samples, analyses performed and results;***
   ii. ***Listing of types and quantities of waste generated by the remedial action during the reporting period as well as to date;***
   iii. ***Name of the disposal facility used;***
   iv. ***Transporters' dates of disposal; and***
   v. ***Manifest numbers of each waste shipment.***

Investigation-derived waste (IDW) generated during well decommissioning activities included excess water and grout. Additional IDW was generated during installation of replacement shallow overburden monitoring wells MW-21RS, MW-25RS and MW-50RS and well development. The non-hazardous IDW drums were removed from the Site by AWT Environmental Services, Inc. on August 8, 2016. The waste was taken to MXI Environmental, Inc. located at 26319 Old Trail Road, Abingdon, Virginia 24210. Tabulated results and the laboratory report associated with waste characterization samples are

provided in Attachment D. A copy of the waste manifest is included in Attachment E. Disposal facility information, manifest numbers and volumes are summarized in Table E-1 in Attachment E.

12. ***NJDEP requires that any additional support documentation that is available also be provided (photos, etc.).***

No additional support documentation is available.

The next scheduled remedial action progress report will include remedial actions completed between September 1 and November 30, 2016. Please feel free to contact me at (614) 793-8777 with any questions regarding the update provided herein.

Sincerely,

Raymond Kennedy
Senior Project Manager

Attachments

ct: David Jennings – Duke Linden, LLC
Clifford Ng – U.S. EPA Region 2
Joseph M. Sorge – J.M. Sorge, Inc.

ATTACHMENT A

Report Certification

Certification

Duke Linden, LLC
ISRA Case Number E20040531-Industrial

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, to the best of my knowledge, I believe that the submitted information is true, accurate and complete. I am aware that there are significant civil penalties for knowingly submitting false, inaccurate or incomplete information and that I am committing a crime of the fourth degree if I make a written false statement which I do not believe to be true. I am also aware that if I knowingly direct or authorize the violation of any statue, I am personally liable for the penalties.

Duke Linden, LLC, a Delaware limited liability company

By: Duke Realty Limited Partnership, an Indiana limited partnership, its sole member

By: Duke Realty Corporation, an Indiana corporation, sole general partner

Date: Sept 6, 2016

By: _____
John Van Vliet
Vice President, Construction

Sworn to and subscribed to before me on this 6th day of September, 2016

Tammy B. Glasgow
Notary

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
TAMMY B GLASGOW
Notary Public
CONSHOHOCKEN BORO, MONTGOMERY COUNTY
My Commission Expires Jan 7, 2020

ATTACHMENT B

August 2016 Groundwater Analytical Results

QUARTERLY GROUNDWATER MONITORING RESULTS
DUKE LINDEN INDUSTRIAL REDEVELOPMENT AREA
1016 W. EDGAR ROAD, LINDEN, NJ

TABLE 1

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (AUGUST 2016 SAMPLING EVENT)

Client ID	NJ Higher of	**DUK059: BEC-9D:G082316**			**DUK059: MW-18S:G082316**			**DUK059: MW-18S:G082316A**			**DUK059: MW-21RS:G082316**			**DUK059: MW-22S:G082316**			**DUK059:MW-25RS:G082216**			**DUK059:MW-35D:G082216**			**DUK059:MW-39S:G082216**		
Lab Sample ID	PQLs and GW	460-119041-10			460-119041-2			460-119041-3			460-119041-6			460-119041-1			460-118976-3			460-118976-1			460-118976-6		
Sampling Date	Quality	08/23/2016 12:01:00			08/23/2016 09:20:00			08/23/2016 09:20:00			08/23/2016 12:35:00			08/23/2016 08:25:00			08/22/2016 12:21:00			08/22/2016 10:06:00			08/22/2016 12:45:00		
Matrix	Criterion	Water			Water			Water			Water			Water			Water			Water			Water		
Dilution Factor	2015	1			1			1			1			1			1			1			1		
Unit	ug/l	ug/l			ug/l			ug/l			ug/l			ug/l			ug/l			ug/l			ug/l		
Monitoring Zone	ug/l	deep overbruden			shallow overburden			shallow overburden			shallow overburden			shallow overburden			shallow overburden			deep overbruden			shallow overburden		
VOA-8260C-WATER		Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 8260C																									
1,1,1-Trichloroethane	30	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28
1,1,2,2-Tetrachloroethane	1	0.19	U	0.19	0.19	U	0.19	0.19	U	0.19	0.19	U	0.19	0.19	U	0.19	0.19	U	0.19	0.19	U	0.19	0.19	U	0.19
1,1,2-Trichloroethane	3	0.08	U	0.08	0.08	U	0.08	0.08	U	0.08	0.08	U	0.08	0.08	U	0.08	0.08	U	0.08	0.08	U	0.08	0.08	U	0.08
1,1-Dichloroethane	50	0.24	U *	0.24	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24	0.25	J	0.24
1,1-Dichloroethene	1	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34
1,2,4-Trichlorobenzene	9	0.27	U	0.27	0.27	U	0.27	0.27	U	0.27	0.27	U	0.27	0.27	U	0.27	0.27	U	0.27	0.27	U	0.27	0.27	U	0.27
1,2-Dibromo-3-Chloropropane	0.02	0.23	U	0.23	0.23	U	0.23	0.23	U	0.23	0.23	U	0.23	0.23	U	0.23	0.23	U	0.23	0.23	U	0.23	0.23	U	0.23
1,2-Dibromoethane	0.03	0.19	U	0.19	0.19	U	0.19	0.19	U	0.19	0.19	U	0.19	0.19	U	0.19	0.19	U	0.19	0.19	U	0.19	0.19	U	0.19
1,2-Dichlorobenzene	600	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22
1,2-Dichloroethane	2	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25
1,2-Dichloropropane	1	0.18	U	0.18	0.18	U	0.18	0.18	U	0.18	0.18	U	0.18	0.18	U	0.18	0.18	U	0.18	0.18	U	0.18	0.18	U	0.18
1,3-Dichlorobenzene	600	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33
1,4-Dichlorobenzene	75	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33
2-Butanone	300	2.2	U	2.2	2.2	U	2.2	2.2	U	2.2	2.2	U	2.2	2.2	U	2.2	2.2	U	2.2	2.2	U	2.2	2.2	U	2.2
2-Hexanone	300	0.72	U	0.72	0.72	U	0.72	0.72	U	0.72	0.72	U	0.72	0.72	U	0.72	0.72	U	0.72	0.72	U	0.72	0.72	U	0.72
4-Methyl-2-pentanone	NA	0.63	U	0.63	0.63	U	0.63	0.63	U	0.63	0.63	U	0.63	0.63	U	0.63	0.63	U	0.63	0.63	U	0.63	0.63	U	0.63
Acetone	6000	5.4		1.1	7.8		1.1	7.4		1.1	7		1.1	1.1	U	1.1	8		1.1	7.6		1.1	8		1.1
Benzene	1	0.09	U	0.09	0.09	U	0.09	0.09	U	0.09	0.09	U	0.09	0.09	U	0.09	0.09	U	0.09	0.09	U	0.09	0.19	J	0.09
Bromodichloromethane	1	0.15	U	0.15	0.15	U	0.15	0.15	U	0.15	0.15	U	0.15	0.15	U	0.15	0.15	U	0.15	0.15	U	0.15	0.15	U	0.15
Bromoform	4	0.18	U	0.18	0.18	U	0.18	0.18	U	0.18	0.18	U	0.18	0.18	U	0.18	0.18	U	0.18	0.18	U	0.18	0.18	U	0.18
Bromomethane	10	0.18	U	0.18	0.18	U *	0.18	0.18	U *	0.18	0.18	U	0.18	0.18	U *	0.18	0.18	U	0.18	0.18	U	0.18	0.18	U	0.18
Carbon disulfide	700	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22
Carbon tetrachloride	1	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33
Chlorobenzene	50	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24
Chloroethane	5	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37
Chloroform	70	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22
Chloromethane	NA	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22
cis-1,2-Dichloroethene	70	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.4	J	0.26
cis-1,3-Dichloropropene	NA	0.16	U	0.16	0.16	U	0.16	0.16	U	0.16	0.16	U	0.16	0.16	U	0.16	0.16	U	0.16	0.16	U	0.16	0.16	U	0.16
Cyclohexane	NA	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26
Dibromochloromethane	1	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22
Dichlorodifluoromethane	1000	0.14	U	0.14	0.14	U	0.14	0.14	U	0.14	0.14	U	0.14	0.14	U	0.14	0.14	U	0.14	0.14	U	0.14	0.14	U	0.14
Ethylbenzene	700	0.3	U	0.3	0.3	U	0.3	0.3	U	0.3	0.3	U	0.3	0.3	U	0.3	0.3	U	0.3	0.3	U	0.3	0.3	U	0.3
Freon TF	20000	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34
Isopropylbenzene	700	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32
Methyl acetate	7000	0.58	U	0.58	0.58	U	0.58	0.58	U	0.58	0.58	U	0.58	0.58	U	0.58	0.58	U	0.58	0.58	U	0.58	0.58	U	0.58
Methylcyclohexane	NA	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22
Methylene Chloride	3	0.21	U	0.21	0.21	U	0.21	0.21	U	0.21	0.21	U	0.21	0.21	U	0.21	0.21	U	0.21	0.21	U	0.21	0.21	U	0.21
MTBE	70	0.13	U	0.13	0.13	U	0.13	0.13	U	0.13	0.13	U	0.13	0.13	U	0.13	0.13	U	0.13	0.13	U	0.13	0.37	J	0.13
Styrene	100	0.17	U	0.17	0.17	U	0.17	0.17	U	0.17	0.17	U	0.17	0.17	U	0.17	0.17	U	0.17	0.17	U	0.17	0.17	U	0.17
Tetrachloroethene	1	0.12	U	0.12	0.12	U	0.12	0.12	U	0.12	0.12	U	0.12	0.12	U	0.12	0.12	U	0.12	0.12	U	0.12	0.15	J	0.12
Toluene	600	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25
trans-1,2-Dichloroethene	100	0.18	U	0.18	0.18	U	0.18	0.18	U	0.18	0.18	U	0.18	0.18	U	0.18	0.18	U	0.18	0.18	U	0.18	0.18	U	0.18
trans-1,3-Dichloropropene	NA	0.19	U	0.19	0.19	U	0.19	0.19	U	0.19	0.19	U	0.19	0.19	U	0.19	0.19	U	0.19	0.19	U	0.19	0.19	U	0.19
Trichloroethene	1	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22
Trichlorofluoromethane	2000	0.15	U	0.15	0.15	U	0.15	0.15	U	0.15	0.15	U	0.15	0.15	U	0.15	0.15	U	0.15	0.15	U	0.15	0.15	U	0.15
Vinyl chloride	1	0.06	U	0.06	0.06	U	0.06	0.06	U	0.06	0.06	U	0.06	0.06	U	0.06	0.06	U	0.06	0.06	U	0.06	0.06	U	0.06
Xylenes, Total	1000	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28

Highlighted Concentrations shown in bold type face exceed limits
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U : Indicates the analyte was analyzed for but not detected.

QUARTERLY GROUNDWATER MONITORING RESULTS
DUKE LINDEN INDUSTRIAL REDEVELOPMENT AREA
1016 W. EDGAR ROAD, LINDEN, NJ

TABLE 1

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (AUGUST 2016 SAMPLING EVENT)

Client ID	NJ Higher of	**DUK059:MW-50RS:G082216**			**DUK059: MW-91D:G082316**			**DUK059: MW-91W:G082316**			**DUK059:MW-92D:G082216**			**DUK059: MW-93D:G082316**			**DUK059:MW-95D:G082216**			**DUK059: MW-96S:G082316**			**DUK059: MW-96D:G082316**		
Lab Sample ID	PQLs and GW	460-118976-2			460-119041-4			460-119041-5			460-118976-4			460-119041-7			460-118976-5			460-119041-8			460-119041-9		
Sampling Date	Quality	08/22/2016 11:06:00			08/23/2016 10:20:00			08/23/2016 11:05:00			08/22/2016 10:45:00			08/23/2016 08:41:00			08/22/2016 11:40:00			08/23/2016 09:36:00			08/23/2016 10:36:00		
Matrix	Criterion	Water			Water			Water			Water			Water			Water			Water			Water		
Dilution Factor	2015	1			1			2			1			1			5			1			5		
Unit	ug/l	ug/l			ug/l			ug/l			ug/l			ug/l			ug/l			ug/l			ug/l		
Monitoring Zone	ug/l	shallow overburden			deep overbruden			weathered bedrock			deep overburden			deep overburden			deep overburden			shallow overburden			deep overburden		
VOA-8260C-WATER		Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 8260C																									
1,1,1-Trichloroethane	30	0.28	U	0.28	0.28	U	0.28	0.56	U	0.56	0.28	U	0.28	0.28	U	0.28	1.4	U	1.4	0.28	U	0.28	1.4	U	1.4
1,1,2,2-Tetrachloroethane	1	0.19	U	0.19	0.19	U	0.19	0.38	U	0.38	0.19	U	0.19	0.19	U	0.19	0.95	U	0.95	0.19	U	0.19	0.95	U	0.95
1,1,2-Trichloroethane	3	0.08	U	0.08	0.08	U	0.08	0.16	U	0.16	0.11	J	0.08	0.08	U	0.08	0.4	U	0.4	0.08	U	0.08	0.4	U	0.4
1,1-Dichloroethane	50	0.24	U	0.24	0.35	J	0.24	0.84	J	0.48	2.9		0.24	0.24	U	0.24	1.2	U	1.2	0.24	U	0.24	1.2	U	1.2
1,1-Dichloroethene	1	0.34	U	0.34	0.34	U	0.34	**3.5**		0.68	**1.1**		0.34	0.34	U	0.34	1.7	U	1.7	0.34	U	0.34	1.7	U	1.7
1,2,4-Trichlorobenzene	9	0.27	U	0.27	0.27	U	0.27	0.54	U	0.54	0.27	U	0.27	0.27	U	0.27	1.4	U	1.4	0.27	U	0.27	1.4	U	1.4
1,2-Dibromo-3-Chloropropane	0.02	0.23	U	0.23	0.23	U	0.23	0.46	U	0.46	0.23	U	0.23	0.23	U	0.23	1.2	U	1.2	0.23	U	0.23	1.2	U	1.2
1,2-Dibromoethane	0.03	0.19	U	0.19	0.19	U	0.19	0.38	U	0.38	0.19	U	0.19	0.19	U	0.19	0.95	U	0.95	0.19	U	0.19	0.95	U	0.95
1,2-Dichlorobenzene	600	0.22	U	0.22	0.22	U	0.22	**40**		0.44	1.1		0.22	4.6		0.22	2.4	J	1.1	14		0.22	3.8	J	1.1
1,2-Dichloroethane	2	0.25	U	0.25	1.8		0.25	**64**		0.5	1.9		0.25	0.25	U	0.25	1.3	U	1.3	0.25	U	0.25	1.3	U	1.3
1,2-Dichloropropane	1	0.18	U	0.18	0.18	U	0.18	0.36	U	0.36	0.18	U	0.18	0.18	U	0.18	0.9	U	0.9	0.18	U	0.18	0.9	U	0.9
1,3-Dichlorobenzene	600	0.33	U	0.33	0.33	U	0.33	0.66	U	0.66	0.33	U	0.33	0.33	U	0.33	1.7	U	1.7	0.43	J	0.33	1.7	U	1.7
1,4-Dichlorobenzene	75	0.33	U	0.33	0.33	U	0.33	0.66	U	0.66	0.33	U	0.33	0.33	U	0.33	1.7	U	1.7	1.7		0.33	1.7	U	1.7
2-Butanone	300	2.2	U	2.2	2.2	U	2.2	4.4	U	4.4	2.2	U	2.2	2.2	U	2.2	64		11	2.2	U	2.2	11	U	11
2-Hexanone	300	0.72	U	0.72	0.72	U	0.72	1.4	U	1.4	0.72	U	0.72	0.72	U	0.72	4.3	J	3.6	0.72	U	0.72	3.6	U	3.6
4-Methyl-2-pentanone	NA	0.63	U	0.63	0.63	U	0.63	1.3	U	1.3	0.63	U	0.63	0.63	U	0.63	320		3.2	0.63	U	0.63	150		3.2
Acetone	6000	7.3		1.1	5.6		1.1	10		2.1	7		1.1	1.1	U	1.1	78		5.4	11		1.1	34		5.4
Benzene	1	0.09	U	0.09	0.1	J	0.09	**180**		0.18	**1.5**		0.09	**79**		0.09	**120**		0.45	**5.3**		0.09	**120**		0.45
Bromodichloromethane	1	0.15	U	0.15	0.15	U	0.15	0.3	U	0.3	0.15	U	0.15	0.15	U	0.15	0.75	U	0.75	0.15	U	0.15	0.75	U	0.75
Bromoform	4	0.18	U	0.18	0.18	U	0.18	0.36	U	0.36	0.18	U	0.18	0.18	U	0.18	0.9	U	0.9	0.18	U	0.18	0.9	U	0.9
Bromomethane	10	0.18	U	0.18	0.18	U *	0.18	0.36	U	0.36	0.18	U	0.18	0.18	U	0.18	0.9	U	0.9	0.18	U	0.18	0.9	U	0.9
Carbon disulfide	700	0.22	U	0.22	0.22	U	0.22	0.44	U	0.44	0.22	U	0.22	0.22	U	0.22	1.1	U	1.1	0.22	U	0.22	1.1	U	1.1
Carbon tetrachloride	1	0.33	U	0.33	0.33	U	0.33	**21**		0.66	0.33	U	0.33	0.33	U	0.33	1.7	U	1.7	0.33	U	0.33	1.7	U	1.7
Chlorobenzene	50	0.24	U	0.24	1.6		0.24	**210**		0.48	3		0.24	2.1		0.24	1.2	U	1.2	0.24	U	0.24	1.2	U	1.2
Chloroethane	5	0.37	U	0.37	0.37	U	0.37	0.74	U *	0.74	0.37	U	0.37	0.37	U	0.37	1.9	U	1.9	0.37	U	0.37	1.9	U	1.9
Chloroform	70	0.22	U	0.22	0.22	U	0.22	**87**		0.44	0.28	J	0.22	0.22	U	0.22	1.1	U	1.1	0.22	U	0.22	1.1	U	1.1
Chloromethane	NA	0.22	U	0.22	0.22	U	0.22	0.44	U	0.44	0.22	U	0.22	0.22	U	0.22	1.1	U	1.1	0.22	U	0.22	1.1	U	1.1
cis-1,2-Dichloroethene	70	0.33	J	0.26	5.2		0.26	**160**		0.52	13		0.26	0.26	U	0.26	12		1.3	0.26	U	0.26	9.6		1.3
cis-1,3-Dichloropropene	NA	0.16	U	0.16	0.16	U	0.16	0.32	U	0.32	0.16	U	0.16	0.16	U	0.16	0.8	U	0.8	0.16	U	0.16	0.8	U	0.8
Cyclohexane	NA	0.26	U	0.26	0.26	U	0.26	0.52	U	0.52	0.26	U	0.26	27		0.26	41		1.3	43		0.26	52		1.3
Dibromochloromethane	1	0.22	U	0.22	0.22	U	0.22	0.44	U	0.44	0.22	U	0.22	0.22	U	0.22	1.1	U	1.1	0.22	U	0.22	1.1	U	1.1
Dichlorodifluoromethane	1000	0.14	U	0.14	0.14	U	0.14	0.28	U	0.28	0.14	U	0.14	0.14	U	0.14	0.7	U	0.7	0.14	U	0.14	0.7	U	0.7
Ethylbenzene	700	0.3	U	0.3	0.3	U	0.3	0.6	U	0.6	0.3	U	0.3	63		0.3	210		1.5	160		0.3	200		1.5
Freon TF	20000	0.34	U	0.34	0.34	U	0.34	0.68	U	0.68	0.34	U	0.34	0.34	U	0.34	1.7	U	1.7	0.34	U	0.34	1.7	U	1.7
Isopropylbenzene	700	0.32	U	0.32	0.32	U	0.32	0.64	U	0.64	0.32	U	0.32	22		0.32	16		1.6	19		0.32	14		1.6
Methyl acetate	7000	0.58	U	0.58	0.58	U	0.58	1.2	U	1.2	0.58	U	0.58	0.58	U	0.58	2.9	U	2.9	0.58	U	0.58	2.9	U	2.9
Methylcyclohexane	NA	0.22	U	0.22	0.22	U	0.22	0.44	U	0.44	0.22	U	0.22	6.1		0.22	11		1.1	15		0.22	36		1.1
Methylene Chloride	3	0.21	U	0.21	0.21	U	0.21	**39**		0.42	0.21	U	0.21	0.21	U	0.21	1.1	U	1.1	0.21	U	0.21	1.1	U	1.1
MTBE	70	0.18	J	0.13	0.68	J	0.13	0.75	J	0.26	0.56	J	0.13	0.78	J	0.13	0.65	U	0.65	0.13	U	0.13	0.65	U	0.65
Styrene	100	0.17	U	0.17	0.17	U	0.17	0.34	U	0.34	0.17	U	0.17	0.17	U	0.17	0.85	U	0.85	0.17	U	0.17	0.85	U	0.85
Tetrachloroethene	1	0.12	U	0.12	**1.6**		0.12	**20**		0.24	0.61	J	0.12	0.12	U	0.12	0.6	U	0.6	0.12	U	0.12	0.6	U	0.6
Toluene	600	0.25	U	0.25	0.25	U	0.25	0.5	U	0.5	0.29	J	0.25	1.2		0.25	570		1.3	0.85	J	0.25	**1,100**		1.3
trans-1,2-Dichloroethene	100	0.18	U	0.18	0.81	J	0.18	34		0.36	1.2		0.18	1.4		0.18	10		0.9	0.18	U	0.18	5.5		0.9
trans-1,3-Dichloropropene	NA	0.19	U	0.19	0.19	U	0.19	0.38	U	0.38	0.19	U	0.19	0.19	U	0.19	0.95	U	0.95	0.19	U	0.19	0.95	U	0.95
Trichloroethene	1	0.43	J	0.22	**20**		0.22	**750**		0.44	**17**		0.22	0.22	U	0.22	**12**		1.1	0.22	U	0.22	**42**		1.1
Trichlorofluoromethane	2000	0.15	U	0.15	0.15	U	0.15	0.3	U	0.3	0.15	U	0.15	0.15	U	0.15	0.75	U	0.75	0.15	U	0.15	0.75	U	0.75
Vinyl chloride	1	0.06	U	0.06	0.06	U	0.06	**27**		0.12	**2.3**		0.06	**1.9**		0.06	**1.8**	J	0.3	0.06	U	0.06	**5.9**		0.3
Xylenes, Total	1000	0.28	U	0.28	0.28	U	0.28	0.56	U	0.56	0.28	U	0.28	2.9		0.28	**1,100**		1.4	0.92	J	0.28	1,000		1.4

Highlighted Concentrations shown in bold type face exceed limits
J : Result is less than the RL but greater than or equal to the MDL an
U : Indicates the analyte was analyzed for but not detected.

QUARTERLY GROUNDWATER MONITORING RESULTS
DUKE LINDEN INDUSTRIAL REDEVELOPMENT AREA
1016 W. EDGAR ROAD, LINDEN, NJ

TABLE 1

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS (AUGUST 2016 SAMPLING EVENT)

Client ID	NJ Higher of	**DUK059:EB-1:W082216**			**DUK059:TB-1:W082216**			**DUK059: EB-1:W082316**			**DUK059: TB-1:W082316**		
Lab Sample ID	PQLs and GW	460-118976-7			460-118976-8			460-119041-11			460-119041-12		
Sampling Date	Quality	08/22/2016 11:20:00			08/22/2016 11:21:00			08/23/2016 11:00:00			08/23/2016 11:01:00		
Matrix	Criterion	Water			Water			Water			Water		
Dilution Factor	2015	1			1			1			1		
Unit	ug/l	ug/l			ug/l			ug/l			ug/l		
Monitoring Zone	ug/l	equipment blankug/l			trip blank			equipment blank			trip blank		
VOA-8260C-WATER		Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
WATER BY 8260C													
1,1,1-Trichloroethane	30	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28
1,1,2,2-Tetrachloroethane	1	0.19	U	0.19	0.19	U	0.19	0.19	U	0.19	0.19	U	0.19
1,1,2-Trichloroethane	3	0.08	U	0.08	0.08	U	0.08	0.08	U	0.08	0.08	U	0.08
1,1-Dichloroethane	50	0.24	U	0.24	0.24	U	0.24	0.24	U *	0.24	0.24	U	0.24
1,1-Dichloroethene	1	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34
1,2,4-Trichlorobenzene	9	0.27	U	0.27	0.27	U	0.27	0.27	U	0.27	0.27	U	0.27
1,2-Dibromo-3-Chloropropane	0.02	0.23	U	0.23	0.23	U	0.23	0.23	U	0.23	0.23	U	0.23
1,2-Dibromoethane	0.03	0.19	U	0.19	0.19	U	0.19	0.19	U	0.19	0.19	U	0.19
1,2-Dichlorobenzene	600	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22
1,2-Dichloroethane	2	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25
1,2-Dichloropropane	1	0.18	U	0.18	0.18	U	0.18	0.18	U	0.18	0.18	U	0.18
1,3-Dichlorobenzene	600	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33
1,4-Dichlorobenzene	75	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33
2-Butanone	300	2.2	U	2.2	2.2	U	2.2	2.2	U	2.2	2.2	U	2.2
2-Hexanone	300	0.72	U	0.72	0.72	U	0.72	0.72	U	0.72	0.72	U	0.72
4-Methyl-2-pentanone	NA	0.63	U	0.63	0.63	U	0.63	0.63	U	0.63	0.63	U	0.63
Acetone	6000	6.8		1.1	9.6		1.1	1.1	U	1.1	6.9		1.1
Benzene	1	0.09	U	0.09	0.09	U	0.09	0.09	U	0.09	0.09	U	0.09
Bromodichloromethane	1	0.15	U	0.15	0.15	U	0.15	0.15	U	0.15	0.15	U	0.15
Bromoform	4	0.18	U	0.18	0.18	U	0.18	0.18	U	0.18	0.18	U	0.18
Bromomethane	10	0.18	U	0.18	0.18	U	0.18	0.18	U	0.18	0.18	U *	0.18
Carbon disulfide	700	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22
Carbon tetrachloride	1	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33	0.33	U	0.33
Chlorobenzene	50	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24	0.24	U	0.24
Chloroethane	5	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37	0.37	U	0.37
Chloroform	70	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22
Chloromethane	NA	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22
cis-1,2-Dichloroethene	70	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26
cis-1,3-Dichloropropene	NA	0.16	U	0.16	0.16	U	0.16	0.16	U	0.16	0.16	U	0.16
Cyclohexane	NA	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26	0.26	U	0.26
Dibromochloromethane	1	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22
Dichlorodifluoromethane	1000	0.14	U	0.14	0.14	U	0.14	0.14	U	0.14	0.14	U	0.14
Ethylbenzene	700	0.3	U	0.3	0.3	U	0.3	0.3	U	0.3	0.3	U	0.3
Freon TF	20000	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34	0.34	U	0.34
Isopropylbenzene	700	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32	0.32	U	0.32
Methyl acetate	7000	0.58	U	0.58	0.58	U	0.58	0.58	U	0.58	0.58	U	0.58
Methylcyclohexane	NA	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22
Methylene Chloride	3	1.4		0.21	0.21	U	0.21	1.3		0.21	0.21	U	0.21
MTBE	70	0.13	U	0.13	0.13	U	0.13	0.13	U	0.13	0.13	U	0.13
Styrene	100	0.17	U	0.17	0.17	U	0.17	0.17	U	0.17	0.17	U	0.17
Tetrachloroethene	1	0.12	U	0.12	0.12	U	0.12	0.12	U	0.12	0.12	U	0.12
Toluene	600	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25	0.25	U	0.25
trans-1,2-Dichloroethene	100	0.18	U	0.18	0.18	U	0.18	0.18	U	0.18	0.18	U	0.18
trans-1,3-Dichloropropene	NA	0.19	U	0.19	0.19	U	0.19	0.19	U	0.19	0.19	U	0.19
Trichloroethene	1	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22
Trichlorofluoromethane	2000	0.15	U	0.15	0.15	U	0.15	0.15	U	0.15	0.15	U	0.15
Vinyl chloride	1	0.06	U	0.06	0.06	U	0.06	0.06	U	0.06	0.06	U	0.06
Xylenes, Total	1000	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28

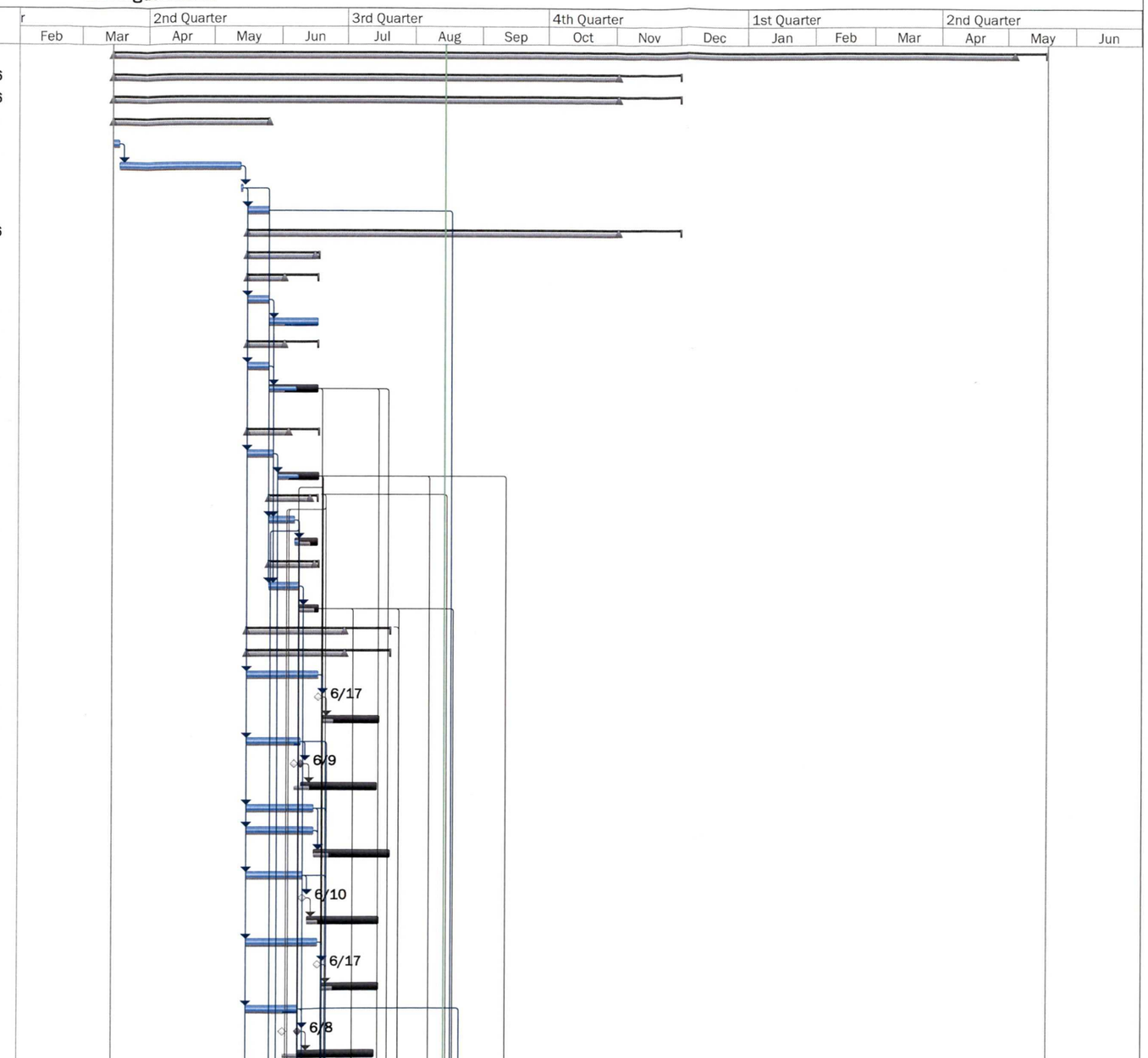
Highlighted Concentrations shown in bold type face exceed limits
J : Result is less than the RL but greater than or equal to the MDL an
U : Indicates the analyte was analyzed for but not detected.

ATTACHMENT C

Tenant Building 11 Build-out Schedule

05783 - Blue Apron Fulfillment Center
Construction Schedule
12 August 2016

ID		Task Mode	Task Name	% Complete	Duration	Start	Finish
1			**Blue Apron - Linden Fulfillment Center**	**18%**	**307.5 days**	**Tue 3/15/16**	**Thu 5/18/17**
2			**Design**	**53%**	**187 days**	**Tue 3/15/16**	**Wed 11/30/16**
3			**Process Design**	**53%**	**187 days**	**Tue 3/15/16**	**Wed 11/30/16**
4	✓		**Preliminary Process Design**	**100%**	**52 days**	**Tue 3/15/16**	**Wed 5/25/16**
5	✓		Project Kick - Off	100%	3 days	Tue 3/15/16	Thu 3/17/16
6	✓		GA Layout and Process Calcs	100%	8 wks	Fri 3/18/16	Thu 5/12/16
7	✓		BA - GA Approval	100%	1 day	Fri 5/13/16	Fri 5/13/16
8	✓		Preliminary Utility Matrix	100%	8 days	Mon 5/16/16	Wed 5/25/16
9			**Detailed Process Design**	**51%**	**143 days**	**Mon 5/16/16**	**Wed 11/30/16**
10			**Process Design Assumptions**	**73%**	**25 days**	**Mon 5/16/16**	**Fri 6/17/16**
11	✓		**General Operations**	**100%**	**24.5 days**	**Mon 5/16/16**	**Fri 6/17/16**
12	✓		General Operations Finalize and Issue	100%	8 days	Mon 5/16/16	Wed 5/25/16
13	✓		General Operations BA Review and Approval	100%	3.3 wks	Thu 5/26/16	Fri 6/17/16
14			**Shipping, Receiving, Storage**	**66%**	**24.5 days**	**Mon 5/16/16**	**Fri 6/17/16**
15	✓		Shipping, Receiving, Storage Finalize and Issue	100%	8 days	Mon 5/16/16	Wed 5/25/16
16			Shipping, Receiving, Storage,BA Review and Approval	50%	3.3 wks	Thu 5/26/16	Fri 6/17/16
17			**Kitchen and KK**	**70%**	**25 days**	**Mon 5/16/16**	**Fri 6/17/16**
18	✓		Kitchen and KK Finalize and Issue	100%	10 days	Mon 5/16/16	Fri 5/27/16
19			Kitchen and KK BA Review and Approval	50%	3 wks	Mon 5/30/16	Fri 6/17/16
20			**Pack Area**	**61%**	**16.5 days**	**Thu 5/26/16**	**Fri 6/17/16**
21	✓		Pack Area Finalize and Issue	100%	8 days	Thu 5/26/16	Mon 6/6/16
22			Pack Area BA Review and Approval	25%	1.7 wks	Tue 6/7/16	Fri 6/17/16
23			**Sanitation**	**59%**	**17 days**	**Thu 5/26/16**	**Fri 6/17/16**
24	✓		Sanitation Finalize and Issue	100%	10 days	Thu 5/26/16	Wed 6/8/16
25			Sanitation BA Review and Approval	0%	1.4 wks	Thu 6/9/16	Fri 6/17/16
26			**Process Flow Diagrams**	**61%**	**48 days**	**Mon 5/16/16**	**Wed 7/20/16**
27			**Kitchen and KK**	**52%**	**48 days**	**Mon 5/16/16**	**Wed 7/20/16**
28	✓		VFFS Scale Lines PFD Complete	100%	25 days	Mon 5/16/16	Fri 6/17/16
29	✓		VFFS Scale Lines PFD Issue to BA	100%	0 days	Fri 6/17/16	Fri 6/17/16
30			VFFS Scale Lines PFD BA Review and Approval	0%	4 wks	Mon 6/20/16	Fri 7/15/16
31	✓		Tray Lines PFD Complete	100%	19 days	Mon 5/16/16	Thu 6/9/16
32	✓		Tray Lines PFD Issue to BA	100%	0 days	Thu 6/9/16	Thu 6/9/16
33			Tray Lines PFD BA Review and Approval	0%	5 wks	Fri 6/10/16	Thu 7/14/16
34	✓		Bottle Line PFD Complete	100%	23 days	Mon 5/16/16	Wed 6/15/16
35	✓		Bottle Line PFD Issue to BA	100%	23 days	Mon 5/16/16	Wed 6/15/16
36			Bottle Line PFD Review and Approval	0%	5 wks	Thu 6/16/16	Wed 7/20/16
37	✓		Stick Filler PFD Complete	100%	20 days	Mon 5/16/16	Fri 6/10/16
38	✓		Stick Filler PFD Issue to BA	100%	0 days	Fri 6/10/16	Fri 6/10/16
39			Stick Filler PFD BA Review and Approval	0%	5 wks	Mon 6/13/16	Fri 7/15/16
40	✓		Dry VFFS PFD Complete	100%	25 days	Mon 5/16/16	Fri 6/17/16
41	✓		Dry VFFS PFD Issue to BA	100%	0 days	Fri 6/17/16	Fri 6/17/16
42			Dry VFFS PFD BA Review and Approval	0%	4 wks	Mon 6/20/16	Fri 7/15/16
43	✓		KK Lines PFD Complete	100%	18 days	Mon 5/16/16	Wed 6/8/16
44	✓		KK Lines PFD Issue to BA	100%	0 days	Wed 6/8/16	Wed 6/8/16
45			KK Lines PFD BA Review and Approval	0%	5 wks	Thu 6/9/16	Wed 7/13/16

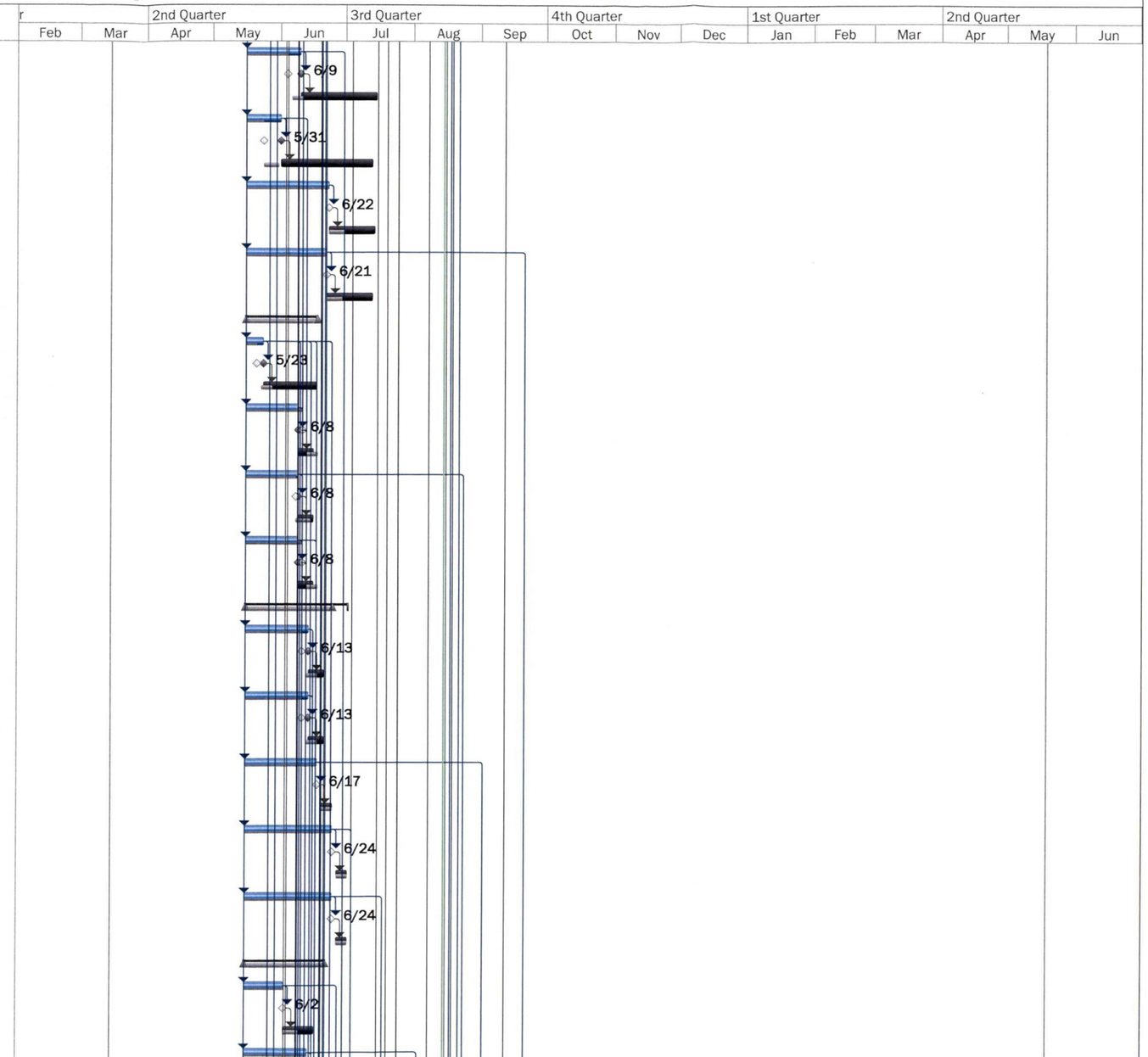


Project: 05783 - Blue Apron Prelim
Date: Mon 8/15/16

Task | Split | Milestone | Summary | Project Summary | External Tasks | External Milestone | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | Deadline | Critical | Critical Split | Late | Baseline | Baseline Milestone | Baseline Summary | Progress

05783 - Blue Apron Fulfillment Center
Construction Schedule
12 August 2016

ID		Task Mode	Task Name	% Complete	Duration	Start	Finish
46	✓		Flow Wrappers PFD Complete	100%	19 days	Mon 5/16/16	Thu 6/9/16
47	✓		Flow Wrappers PFD Issue to BA	100%	0 days	Thu 6/9/16	Thu 6/9/16
48			Flow Wrappers PFD BA Review and Approval	0%	5 wks	Fri 6/10/16	Thu 7/14/16
49	✓		Cup Line PFD Complete	100%	12 days	Mon 5/16/16	Tue 5/31/16
50	✓		Cup Line PFD Issue to BA	100%	0 days	Tue 5/31/16	Tue 5/31/16
51			Cup Line PFD BA Review and Approval	0%	6 wks	Wed 6/1/16	Tue 7/12/16
52	✓		Autobaggers PFD Complete	100%	28 days	Mon 5/16/16	Wed 6/22/16
53	✓		Autobaggers PFD Issue to BA	100%	0 days	Wed 6/22/16	Wed 6/22/16
54			Autobaggers PFD BA Review and Approval	0%	3 wks	Thu 6/23/16	Wed 7/13/16
55	✓		Tables PFD Complete	100%	27 days	Mon 5/16/16	Tue 6/21/16
56	✓		Tables PFD Issue to BA	100%	0 days	Tue 6/21/16	Tue 6/21/16
57			Tables PFD BA Review and Approval	0%	3 wks	Wed 6/22/16	Tue 7/12/16
58			**Pack Area**	**64%**	**24.5 days**	**Mon 5/16/16**	**Fri 6/17/16**
59	✓		Pack Line Front PFD Complete	100%	6 days	Mon 5/16/16	Mon 5/23/16
60	✓		Pack Line Front PFD Issue to BA	100%	0 days	Mon 5/23/16	Mon 5/23/16
61			Pack Line Front PFD BA Review and Approval	0%	3.7 wks	Tue 5/24/16	Fri 6/17/16
62	✓		Pack Line Back PFD Complete	100%	18 days	Mon 5/16/16	Wed 6/8/16
63	✓		Pack Line Back PFD Issue to BA	100%	0 days	Wed 6/8/16	Wed 6/8/16
64			Pack Line Back PFD BA Review and Approval	0%	1 wk	Thu 6/9/16	Wed 6/15/16
65	✓		Re-Pack Lines PFD Complete	100%	18 days	Mon 5/16/16	Wed 6/8/16
66	✓		Re-Pack Lines PFD Issue to BA	100%	0 days	Wed 6/8/16	Wed 6/8/16
67			Re-Pack Lines PFD BA Review and Approval	0%	1 wk	Thu 6/9/16	Wed 6/15/16
68	✓		Stretch Wrapper PFD Complete	100%	18 days	Mon 5/16/16	Wed 6/8/16
69	✓		Stretch Wrapper PFD Issue to BA	100%	0 days	Wed 6/8/16	Wed 6/8/16
70			Stretch Wrapper PFD BA Review and Approval	0%	1 wk	Thu 6/9/16	Wed 6/15/16
71			**Sanitation**	**84%**	**35 days**	**Mon 5/16/16**	**Fri 7/1/16**
72	✓		Pallet Washer PFD Complete	100%	21 days	Mon 5/16/16	Mon 6/13/16
73	✓		Pallet Washer PFD Issue to BA	100%	0 days	Mon 6/13/16	Mon 6/13/16
74			Pallet Washer PFD BA Review and Approval	0%	1 wk	Tue 6/14/16	Mon 6/20/16
75	✓		Tote Washer PFD Complete	100%	21 days	Mon 5/16/16	Mon 6/13/16
76	✓		Tote Washer PFD Issue to BA	100%	0 days	Mon 6/13/16	Mon 6/13/16
77			Tote Washer PFD BA Review and Approval	0%	1 wk	Tue 6/14/16	Mon 6/20/16
78	✓		CIP Skid PFD Complete	100%	25 days	Mon 5/16/16	Fri 6/17/16
79	✓		CIP Skid PFD Issue to BA	100%	0 days	Fri 6/17/16	Fri 6/17/16
80			CIP Skid PFD BA Review and Approval	0%	1 wk	Mon 6/20/16	Fri 6/24/16
81	✓		Scale Bucket Washer PFD Complete	100%	30 days	Mon 5/16/16	Fri 6/24/16
82	✓		Scale Bucket Washer PFD Issue to BA	100%	0 days	Fri 6/24/16	Fri 6/24/16
83			Scale Bucket Washer PFD BA Review and Approva	0%	1 wk	Mon 6/27/16	Fri 7/1/16
84	✓		Corrugate Bailers PFD Complete	100%	30 days	Mon 5/16/16	Fri 6/24/16
85	✓		Corrugate Bailers PFD Issue to BA	100%	0 days	Fri 6/24/16	Fri 6/24/16
86			Corrugate Bailers PFD BA Review and Approval	0%	1 wk	Mon 6/27/16	Fri 7/1/16
87			**Shipping, Receiving, Storage**	**74%**	**27 days**	**Mon 5/16/16**	**Tue 6/21/16**
88	✓		Pallet Exchangers PFD Complete	100%	14 days	Mon 5/16/16	Thu 6/2/16
89	✓		Pallet Exchangers PFD Issue to BA	100%	0 days	Thu 6/2/16	Thu 6/2/16
90			Pallet Exchanger PFD BA Review and Approval	0%	2 wks	Fri 6/3/16	Thu 6/16/16
91	✓		Receiving Dock, Storage Areas PFD Complete	100%	21 days	Mon 5/16/16	Mon 6/13/16

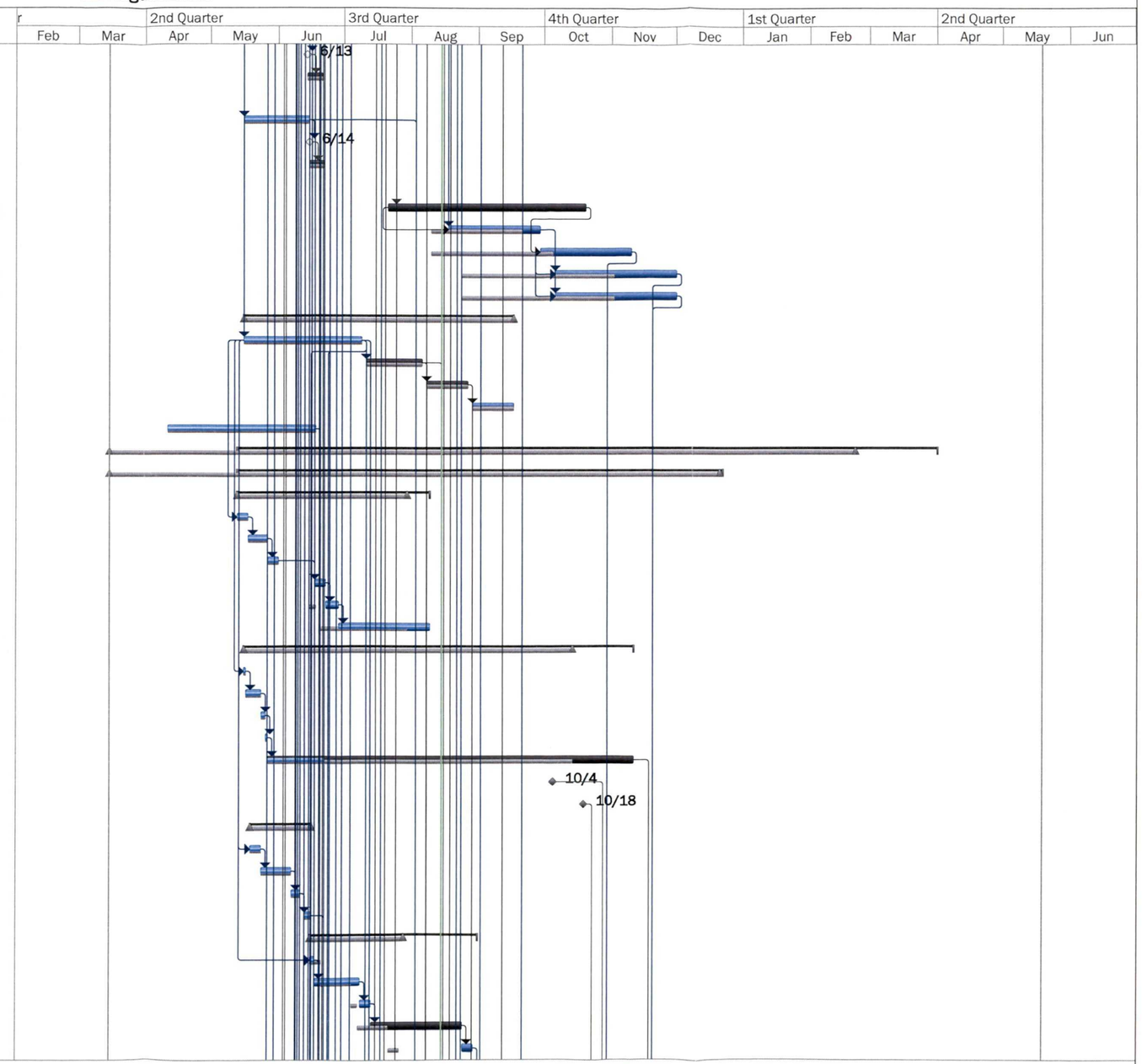


Project: 05783 - Blue Apron Prelim
Date: Mon 8/15/16

Task | Split | Milestone | Summary | Project Summary | External Tasks | External Milestone | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | Deadline | Critical | Critical Split | Late | Baseline | Baseline Milestone | Baseline Summary | Progress

05783 - Blue Apron Fulfillment Center
Construction Schedule
12 August 2016

ID		Task Mode	Task Name	% Complete	Duration	Start	Finish
92	✓		Receiving Dock, Storage Areas PFD Issue to BA	100%	0 days	Mon 6/13/16	Mon 6/13/16
93			Receiving Dock, Storage Areas PFD BA Review and Approval	0%	1 wk	Tue 6/14/16	Mon 6/20/16
94	✓		Frozen, Dry Storage Areas PFD Complete	100%	22 days	Mon 5/16/16	Tue 6/14/16
95	✓		Frozen, Dry Storage Areas PFD Issue to BA	100%	0 days	Tue 6/14/16	Tue 6/14/16
96			Frozen, Dry Storage Areas PFD BA Review and Approval	0%	1 wk	Wed 6/15/16	Tue 6/21/16
97			60% Process Design	0%	13 wks	Thu 7/21/16	Wed 10/19/16
98			Final Utility Matrix	0%	6 wks	Thu 8/18/16	Wed 9/28/16
99			Rigging and Setting Installation Drawings	0%	6 wks	Thu 9/29/16	Wed 11/9/16
100			Mechanical Drop Installation Drawings	0%	8 wks	Thu 10/6/16	Wed 11/30/16
101			Electrical Installation Drawings	0%	8 wks	Thu 10/6/16	Wed 11/30/16
102			**Building Design**	**44%**	**90 days**	**Mon 5/16/16**	**Fri 9/16/16**
103	✓		30% Design	100%	8 wks	Mon 5/16/16	Fri 7/8/16
104			60% Design	0%	4 wks	Mon 7/11/16	Fri 8/5/16
105			90% Design	0%	3 wks	Mon 8/8/16	Fri 8/26/16
106			Construction Issue Drawings	0%	3 wks	Mon 8/29/16	Fri 9/16/16
107	✓		Execute Contract	100%	50 days	Mon 4/11/16	Fri 6/17/16
108			**Procurement**	**16%**	**231 days**	**Fri 5/13/16**	**Fri 3/31/17**
109			**Building Construction**	**26%**	**159.5 days**	**Fri 5/13/16**	**Thu 12/22/16**
110	✓		**IMP Panels**	**100%**	**62.5 days**	**Fri 5/13/16**	**Tue 8/9/16**
111	✓		Issue Bid Package	100%	3 days	Fri 5/13/16	Tue 5/17/16
112	✓		Receive Pricing	100%	7 days	Wed 5/18/16	Thu 5/26/16
113	✓		Bid Spread / Recommendation	100%	3 days	Fri 5/27/16	Tue 5/31/16
114	✓		Receive Business Plan	100%	3 days	Fri 6/17/16	Wed 6/22/16
115	✓		Issue Purchase Order	100%	4 days	Wed 6/22/16	Tue 6/28/16
116	✓		Panel Lead Time	100%	6 wks	Tue 6/28/16	Tue 8/9/16
117			**Refrigeration**	**21%**	**129 days**	**Mon 5/16/16**	**Thu 11/10/16**
118	✓		Issue Bid Package	100%	1 day	Mon 5/16/16	Mon 5/16/16
119	✓		Receive Pricing	100%	5 days	Tue 5/17/16	Mon 5/23/16
120	✓		Bid Spread / Recommendation	100%	2 days	Tue 5/24/16	Wed 5/25/16
121	✓		Issue Purchase Order	100%	1 day	Thu 5/26/16	Thu 5/26/16
122			Equipment Lead Time	15%	24 wks	Fri 5/27/16	Thu 11/10/16
123			AHU Delivery	0%	0 days	Tue 10/4/16	Tue 10/4/16
124			Freezer Split System	0%	0 days	Tue 10/18/16	Tue 10/18/16
125	✓		**Joist Reinforcing - Ceiling**	**100%**	**20 days**	**Thu 5/19/16**	**Wed 6/15/16**
126	✓		Issue Bid Package	100%	3 days	Thu 5/19/16	Mon 5/23/16
127	✓		Receive Pricing	100%	2 wks	Tue 5/24/16	Mon 6/6/16
128	✓		Bid Spread / Recommendation	100%	4 days	Tue 6/7/16	Fri 6/10/16
129	✓		Issue Contract	100%	3 days	Mon 6/13/16	Wed 6/15/16
130			**Fire Protection**	**36%**	**55 days**	**Wed 6/15/16**	**Wed 8/31/16**
131	✓		Select Contractor for Design	100%	2 days	Wed 6/15/16	Fri 6/17/16
132	✓		Design	100%	3 wks	Fri 6/17/16	Fri 7/8/16
133	✓		Send Design for Installation Pricing	100%	3 days	Fri 7/8/16	Wed 7/13/16
134			Receive Pricing	0%	6 wks	Wed 7/13/16	Wed 8/24/16
135			Bid Spread / Recommendation	0%	3 days	Wed 8/24/16	Mon 8/29/16

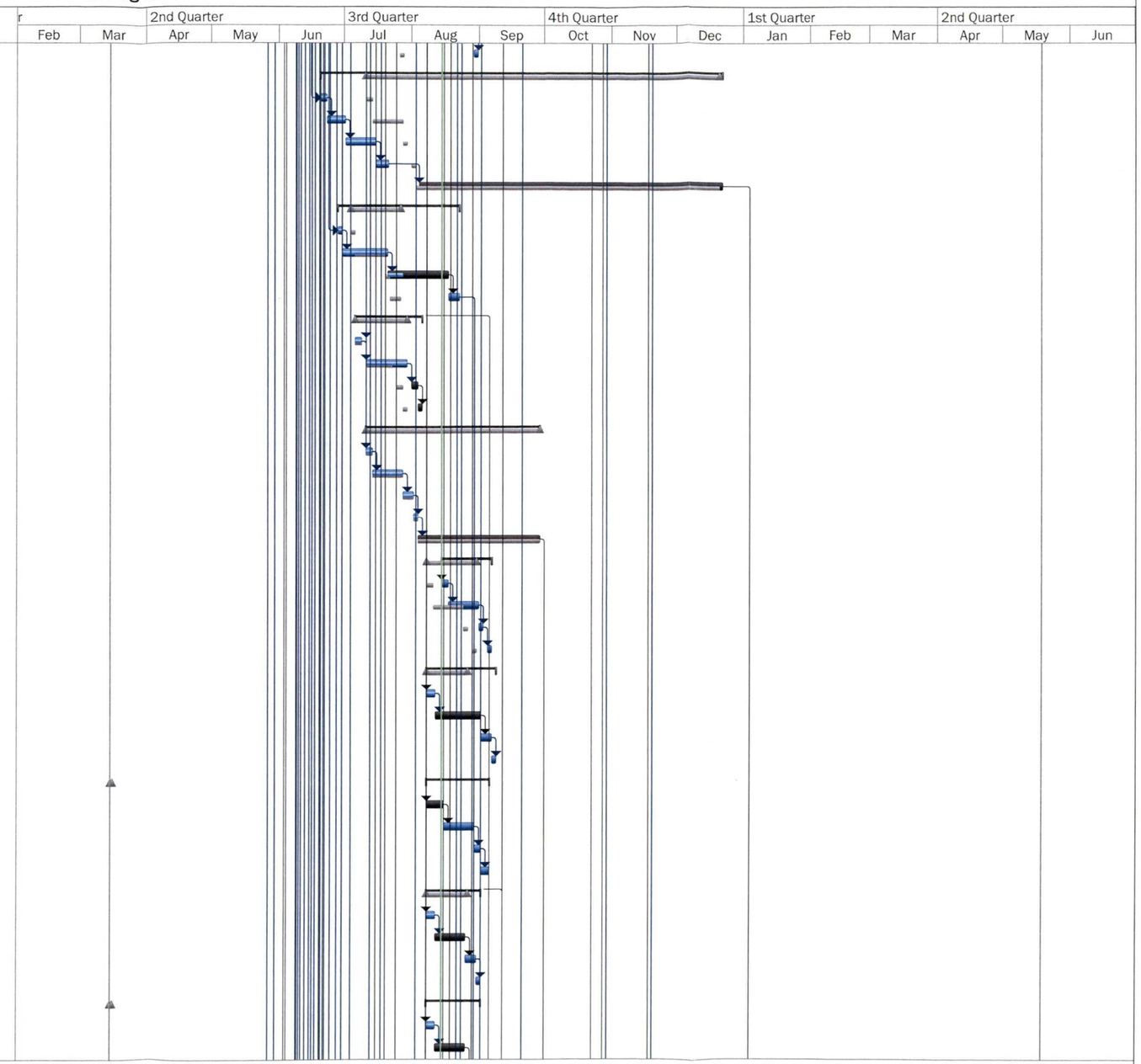


Project: 05783 - Blue Apron Prelim
Date: Mon 8/15/16

Task | Split | Milestone | Summary | Project Summary | External Tasks | External Milestone | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | Deadline | Critical | Critical Split | Late | Baseline | Baseline Milestone | Baseline Summary | Progress

05783 - Blue Apron Fulfillment Center
Construction Schedule
12 August 2016

ID		Task Mode	Task Name	% Complete	Duration	Start	Finish
136			Issue Subcontract	0%	2 days	Mon 8/29/16	Wed 8/31/16
137			**Elevator**	**19%**	**133.5 days**	**Mon 6/20/16**	**Thu 12/22/16**
138	✓		Issue Bid Package	100%	3 days	Mon 6/20/16	Wed 6/22/16
139	✓		Receive Pricing	100%	1.3 wks	Thu 6/23/16	Fri 7/1/16
140	✓		Bid Spread / Recommendation	100%	10 days	Fri 7/1/16	Fri 7/15/16
141	✓		Issue Subcontract	100%	4 days	Fri 7/15/16	Thu 7/21/16
142			Equipment Lead Time	0%	20 wks	Thu 8/4/16	Thu 12/22/16
143			**Demolition**	**55%**	**40 days**	**Tue 6/28/16**	**Mon 8/22/16**
144	✓		Issue Bid Package	100%	2 days	Tue 6/28/16	Wed 6/29/16
145	✓		Receive Pricing	100%	3 wks	Thu 6/30/16	Wed 7/20/16
146			Bid Spread / Recommendation	25%	4 wks	Thu 7/21/16	Wed 8/17/16
147			Issue Subcontract	0%	3 days	Thu 8/18/16	Mon 8/22/16
148			**UG Plumbing**	**78%**	**23 days**	**Wed 7/6/16**	**Fri 8/5/16**
149	✓		Issue Bid Package	100%	3 days	Wed 7/6/16	Fri 7/8/16
150	✓		Receive Pricing	100%	3 wks	Mon 7/11/16	Fri 7/29/16
151			Bid Spread / Recommendation	0%	3 days	Mon 8/1/16	Wed 8/3/16
152			Issue Subcontract	0%	2 days	Thu 8/4/16	Fri 8/5/16
153			**Mezzanine Framing**	**31%**	**58 days**	**Mon 7/11/16**	**Wed 9/28/16**
154	✓		Issue Bid Package	100%	3 days	Mon 7/11/16	Wed 7/13/16
155	✓		Receive Pricing	100%	2 wks	Thu 7/14/16	Wed 7/27/16
156	✓		Bid Spread / Recommendation	100%	3 days	Thu 7/28/16	Mon 8/1/16
157	✓		Issue Subcontract	100%	2 days	Tue 8/2/16	Wed 8/3/16
158			Material Lead Time	0%	8 wks	Thu 8/4/16	Wed 9/28/16
159			**Joist Reinforcing - Equipment/Utiliites**	**0%**	**17 days**	**Mon 8/15/16**	**Tue 9/6/16**
160			Issue Bid Package	0%	3 days	Mon 8/15/16	Wed 8/17/16
161			Receive Pricing	0%	2 wks	Thu 8/18/16	Wed 8/31/16
162			Bid Spread / Recommendation	0%	2 days	Thu 9/1/16	Fri 9/2/16
163			Issue Subcontract	0%	2 days	Mon 9/5/16	Tue 9/6/16
164			**Electrical**	**17%**	**24 days**	**Mon 8/8/16**	**Thu 9/8/16**
165	✓		Issue Bid Package	100%	4 days	Mon 8/8/16	Thu 8/11/16
166			Receive Pricing	0%	3 wks	Fri 8/12/16	Thu 9/1/16
167			Bid Spread / Recommendation	0%	3 days	Fri 9/2/16	Tue 9/6/16
168			Issue Subcontract	0%	2 days	Wed 9/7/16	Thu 9/8/16
169			**Masonry**	**0%**	**21 days**	**Mon 8/8/16**	**Mon 9/5/16**
170			Issue Bid Package	0%	6 days	Mon 8/8/16	Mon 8/15/16
171			Receive Pricing	0%	2 wks	Tue 8/16/16	Mon 8/29/16
172			Bid Spread / Recommendation	0%	3 days	Tue 8/30/16	Thu 9/1/16
173			Issue Subcontract	0%	2 days	Fri 9/2/16	Mon 9/5/16
174			**Concrete**	**21%**	**19 days**	**Mon 8/8/16**	**Thu 9/1/16**
175	✓		Issue Bid Package	100%	4 days	Mon 8/8/16	Thu 8/11/16
176			Receive Pricing	0%	2 wks	Fri 8/12/16	Thu 8/25/16
177			Bid Spread / Recommendation	0%	3 days	Fri 8/26/16	Tue 8/30/16
178			Issue Subcontract	0%	2 days	Wed 8/31/16	Thu 9/1/16
179			**HVAC/Utilities**	**21%**	**19 days**	**Mon 8/8/16**	**Thu 9/1/16**
180	✓		Issue Bid Package	100%	4 days	Mon 8/8/16	Thu 8/11/16
181			Receive Pricing	0%	2 wks	Fri 8/12/16	Thu 8/25/16

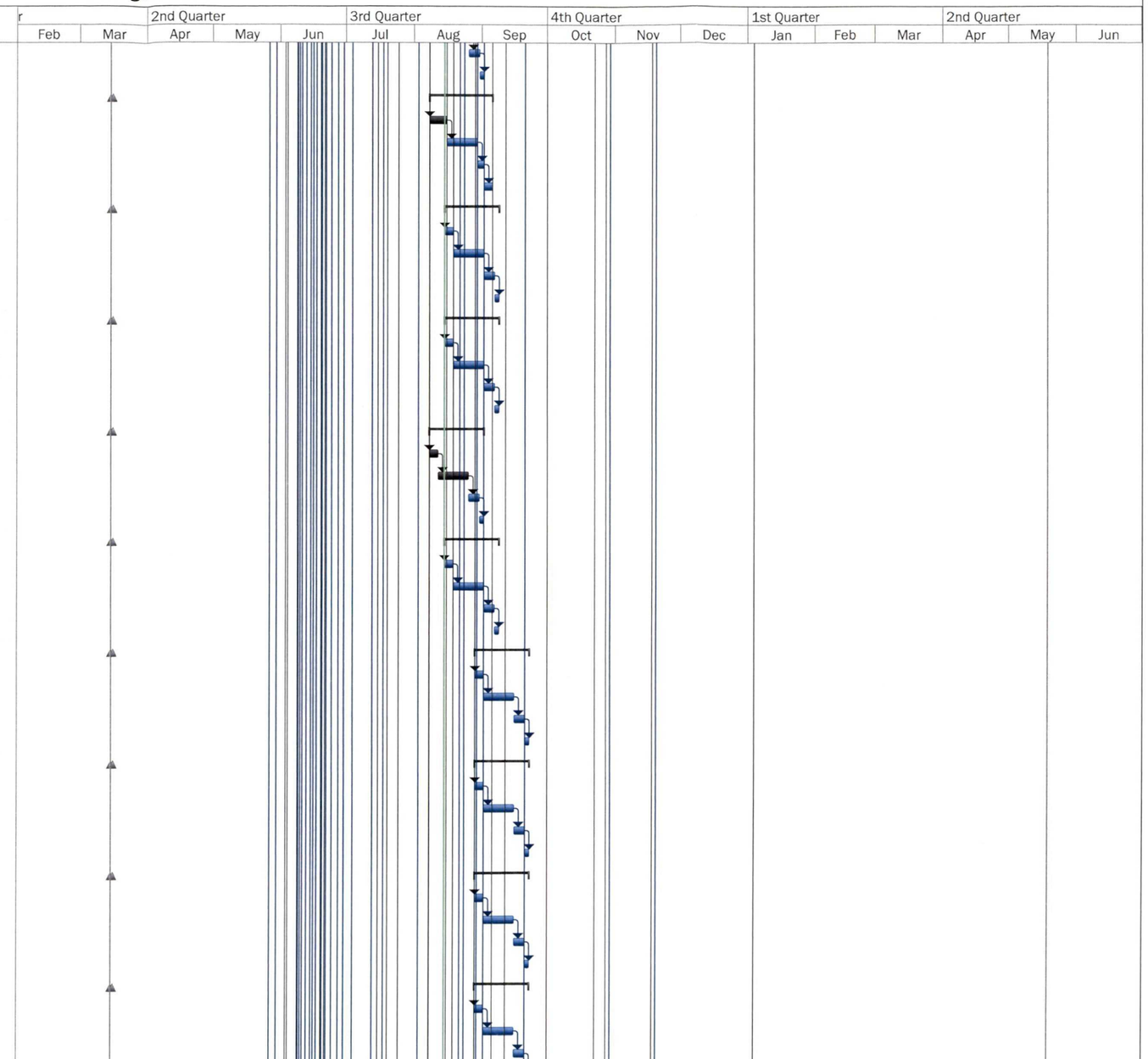


Project: 05783 - Blue Apron Prelim
Date: Mon 8/15/16

Task	Summary	External Milestone	Inactive Summary	Manual Summary Rollup	Finish-only	Critical Split	Baseline Milestone
Split	Project Summary	Inactive Task	Manual Task	Manual Summary	Deadline	Late	Baseline Summary
Milestone	External Tasks	Inactive Milestone	Duration-only	Start-only	Critical	Baseline	Progress

05783 - Blue Apron Fulfillment Center
Construction Schedule
12 August 2016

ID	Task Mode	Task Name	% Complete	Duration	Start	Finish
182		Bid Spread / Recommendation	0%	3 days	Fri 8/26/16	Tue 8/30/16
183		Issue Subcontract	0%	2 days	Wed 8/31/16	Thu 9/1/16
184		**Drywall and Metal Studs**	**0%**	**21 days**	**Mon 8/8/16**	**Mon 9/5/16**
185		Issue Bid Package	0%	6 days	Mon 8/8/16	Mon 8/15/16
186		Receive Pricing	0%	2 wks	Tue 8/16/16	Mon 8/29/16
187		Bid Spread / Recommendation	0%	3 days	Tue 8/30/16	Thu 9/1/16
188		Issue Subcontract	0%	2 days	Fri 9/2/16	Mon 9/5/16
189		**Paint**	**0%**	**19 days**	**Mon 8/15/16**	**Thu 9/8/16**
190		Issue Bid Package	0%	4 days	Mon 8/15/16	Thu 8/18/16
191		Receive Pricing	0%	2 wks	Fri 8/19/16	Thu 9/1/16
192		Bid Spread / Recommendation	0%	3 days	Fri 9/2/16	Tue 9/6/16
193		Issue Subcontract	0%	2 days	Wed 9/7/16	Thu 9/8/16
194		**Toilet Partitions**	**0%**	**19 days**	**Mon 8/15/16**	**Thu 9/8/16**
195		Issue Bid Package	0%	4 days	Mon 8/15/16	Thu 8/18/16
196		Receive Pricing	0%	2 wks	Fri 8/19/16	Thu 9/1/16
197		Bid Spread / Recommendation	0%	3 days	Fri 9/2/16	Tue 9/6/16
198		Issue Subcontract	0%	2 days	Wed 9/7/16	Thu 9/8/16
199		**HM Doors and Storefront**	**0%**	**19 days**	**Mon 8/8/16**	**Thu 9/1/16**
200		Issue Bid Package	0%	4 days	Mon 8/8/16	Thu 8/11/16
201		Receive Pricing	0%	2 wks	Fri 8/12/16	Thu 8/25/16
202		Bid Spread / Recommendation	0%	3 days	Fri 8/26/16	Tue 8/30/16
203		Issue Subcontract	0%	2 days	Wed 8/31/16	Thu 9/1/16
204		**Shelf Life Room (Cooler Box)**	**0%**	**19 days**	**Mon 8/15/16**	**Thu 9/8/16**
205		Issue Bid Package	0%	4 days	Mon 8/15/16	Thu 8/18/16
206		Receive Pricing	0%	2 wks	Fri 8/19/16	Thu 9/1/16
207		Bid Spread / Recommendation	0%	3 days	Fri 9/2/16	Tue 9/6/16
208		Issue Subcontract	0%	2 days	Wed 9/7/16	Thu 9/8/16
209		**Office Flooring**	**0%**	**19 days**	**Mon 8/29/16**	**Thu 9/22/16**
210		Issue Bid Package	0%	4 days	Mon 8/29/16	Thu 9/1/16
211		Receive Pricing	0%	2 wks	Fri 9/2/16	Thu 9/15/16
212		Bid Spread / Recommendation	0%	3 days	Fri 9/16/16	Tue 9/20/16
213		Issue Subcontract	0%	2 days	Wed 9/21/16	Thu 9/22/16
214		**Toilet Specialties**	**0%**	**19 days**	**Mon 8/29/16**	**Thu 9/22/16**
215		Issue Bid Package	0%	4 days	Mon 8/29/16	Thu 9/1/16
216		Receive Pricing	0%	2 wks	Fri 9/2/16	Thu 9/15/16
217		Bid Spread / Recommendation	0%	3 days	Fri 9/16/16	Tue 9/20/16
218		Issue Subcontract	0%	2 days	Wed 9/21/16	Thu 9/22/16
219		**Millwork**	**0%**	**19 days**	**Mon 8/29/16**	**Thu 9/22/16**
220		Issue Bid Package	0%	4 days	Mon 8/29/16	Thu 9/1/16
221		Receive Pricing	0%	2 wks	Fri 9/2/16	Thu 9/15/16
222		Bid Spread / Recommendation	0%	3 days	Fri 9/16/16	Tue 9/20/16
223		Issue Subcontract	0%	2 days	Wed 9/21/16	Thu 9/22/16
224		**Cafetaria / Kitchen Equipment**	**0%**	**19 days**	**Mon 8/29/16**	**Thu 9/22/16**
225		Issue Bid Package	0%	4 days	Mon 8/29/16	Thu 9/1/16
226		Receive Pricing	0%	2 wks	Fri 9/2/16	Thu 9/15/16
227		Bid Spread / Recommendation	0%	3 days	Fri 9/16/16	Tue 9/20/16

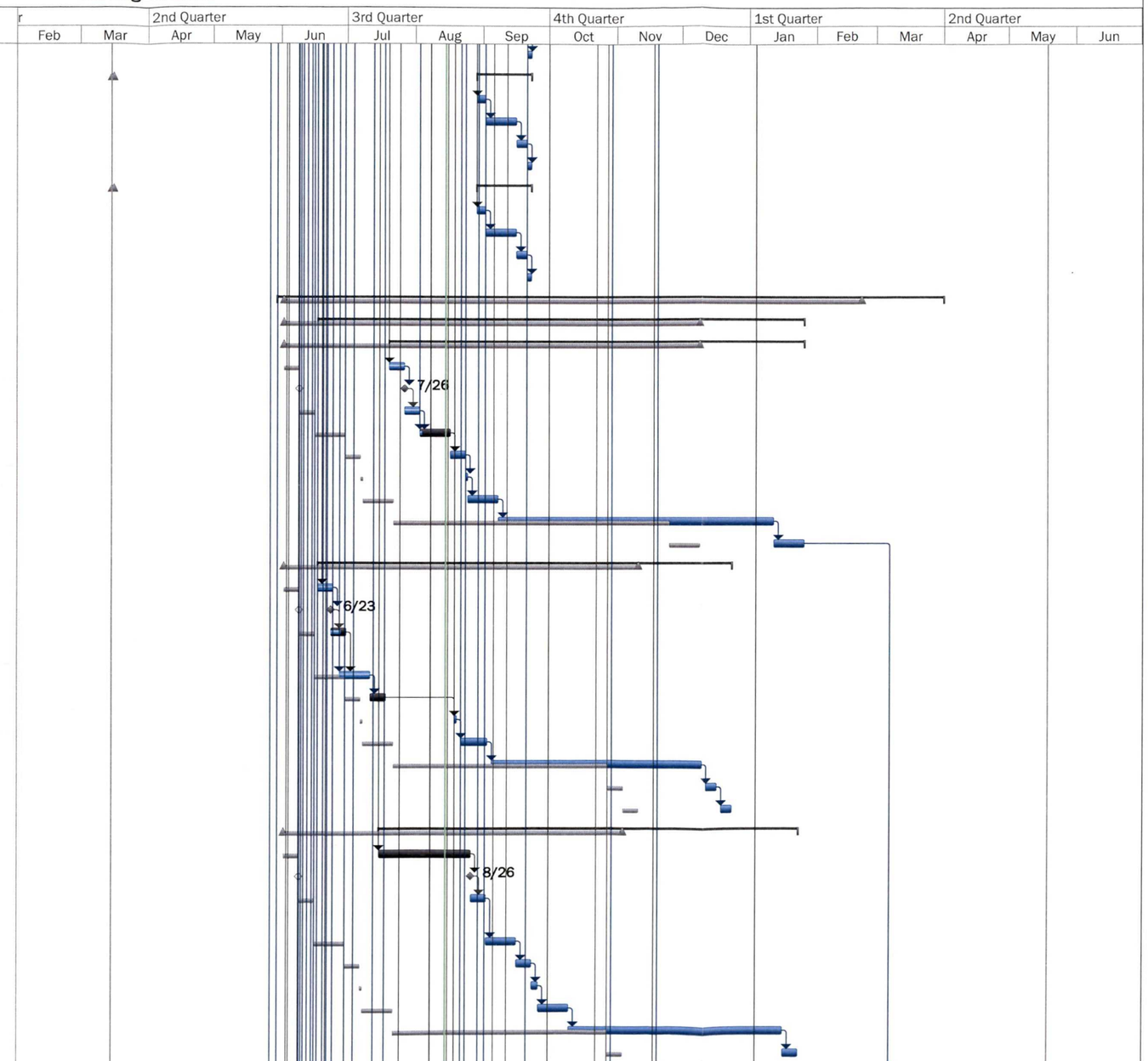


Project: 05783 - Blue Apron Prelim
Date: Mon 8/15/16

Task | Split | Milestone | Summary | Project Summary | External Tasks | External Milestone | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | Deadline | Critical | Critical Split | Late | Baseline | Baseline Milestone | Baseline Summary | Progress

05783 - Blue Apron Fulfillment Center
Construction Schedule
12 August 2016

ID		Task Mode	Task Name	% Complete	Duration	Start	Finish
228			Issue Subcontract	0%	2 days	Wed 9/21/16	Thu 9/22/16
229			**Laundry Equipment**	**0%**	**19 days**	**Mon 8/29/16**	**Thu 9/22/16**
230			Issue Bid Package	0%	4 days	Mon 8/29/16	Thu 9/1/16
231			Receive Pricing	0%	2 wks	Fri 9/2/16	Thu 9/15/16
232			Bid Spread / Recommendation	0%	3 days	Fri 9/16/16	Tue 9/20/16
233			Issue Subcontract	0%	2 days	Wed 9/21/16	Thu 9/22/16
234			**Urethane Floor**	**0%**	**19 days**	**Mon 8/29/16**	**Thu 9/22/16**
235			Issue Bid Package	0%	4 days	Mon 8/29/16	Thu 9/1/16
236			Receive Pricing	0%	2 wks	Fri 9/2/16	Thu 9/15/16
237			Bid Spread / Recommendation	0%	3 days	Fri 9/16/16	Tue 9/20/16
238			Issue Subcontract	0%	2 days	Wed 9/21/16	Thu 9/22/16
239			**Process**	**14%**	**220 days**	**Mon 5/30/16**	**Fri 3/31/17**
240			**Shipping, Receiving, Storage**	**7%**	**158.5 days**	**Fri 6/17/16**	**Wed 1/25/17**
241			**Racking (All Areas)**	**8%**	**136 days**	**Wed 7/20/16**	**Wed 1/25/17**
242	✓		Racking Equipment Spec	100%	1 wk	Wed 7/20/16	Tue 7/26/16
243	✓		Racking Equipment Spec Issue to BA	100%	0 days	Tue 7/26/16	Tue 7/26/16
244	✓		Racking BA Review and Approval of Equip Spec	100%	1 wk	Wed 7/27/16	Tue 8/2/16
245			Racking Issue RFP	10%	2 wks	Wed 8/3/16	Tue 8/16/16
246			Racking Bid Spread / Recommendation	0%	1 wk	Wed 8/17/16	Tue 8/23/16
247			Racking Issue Contract	0%	1 day	Wed 8/24/16	Wed 8/24/16
248			Racking Shop Drawings	0%	2 wks	Thu 8/25/16	Wed 9/7/16
249			Racking Manufacturing	0%	18 wks	Thu 9/8/16	Wed 1/11/17
250			Racking Equip Shipping	0%	2 wks	Thu 1/12/17	Wed 1/25/17
251			**Pallet Exchangers**	**15%**	**135.5 days**	**Fri 6/17/16**	**Fri 12/23/16**
252	✓		Pallet Exchangers Equipment Spec	100%	1 wk	Fri 6/17/16	Fri 6/24/16
253	✓		Pallet Exchangers Equipment Spec Issue to BA	100%	0 days	Thu 6/23/16	Thu 6/23/16
254			Pallet Exchangers BA Review and Approval of Equip Spec	50%	1 wk	Thu 6/23/16	Thu 6/30/16
255	✓		Pallet Exchangers Issue RFP	100%	2 wks	Mon 6/27/16	Mon 7/11/16
256			Pallet Exchangers Bid Spread / Recommendation	0%	1 wk	Mon 7/11/16	Mon 7/18/16
257			Pallet Exchangers Issue Contract	0%	1 day	Fri 8/19/16	Fri 8/19/16
258			Pallet Exchangers Shop Drawings	0%	2 wks	Mon 8/22/16	Fri 9/2/16
259			Pallet Exchangers Manufacturing	0%	14 wks	Mon 9/5/16	Fri 12/9/16
260			Pallet Exchangers FAT	0%	1 wk	Mon 12/12/16	Fri 12/16/16
261			Pallet Exchangers Equip Shipping	0%	1 wk	Mon 12/19/16	Fri 12/23/16
262			**Opportunity Battery Chargers**	**0%**	**136 days**	**Fri 7/15/16**	**Mon 1/23/17**
263			Opportunity Chargers Equipment Spec	0%	6 wks	Fri 7/15/16	Fri 8/26/16
264			Opportunity Chargers Equipment Spec Issue to BA	0%	0 days	Fri 8/26/16	Fri 8/26/16
265			Opportunity Chargers BA Review and Approval of Equip Spec	0%	1 wk	Fri 8/26/16	Fri 9/2/16
266			Opportunity Chargers Issue RFP	0%	2 wks	Fri 9/2/16	Fri 9/16/16
267			Opportunity Chargers Bid Spread / Recommendation	0%	1 wk	Fri 9/16/16	Fri 9/23/16
268			Opportunity Chargers Issue Contract	0%	1 day	Fri 9/23/16	Mon 9/26/16
269			Opportunity Chargers Shop Drawings	0%	2 wks	Mon 9/26/16	Mon 10/10/16
270			Opportunity Chargers Manufacturing	0%	14 wks	Mon 10/10/16	Mon 1/16/17
271			Opportunity Chargers Equip Shipping	0%	1 wk	Mon 1/16/17	Mon 1/23/17

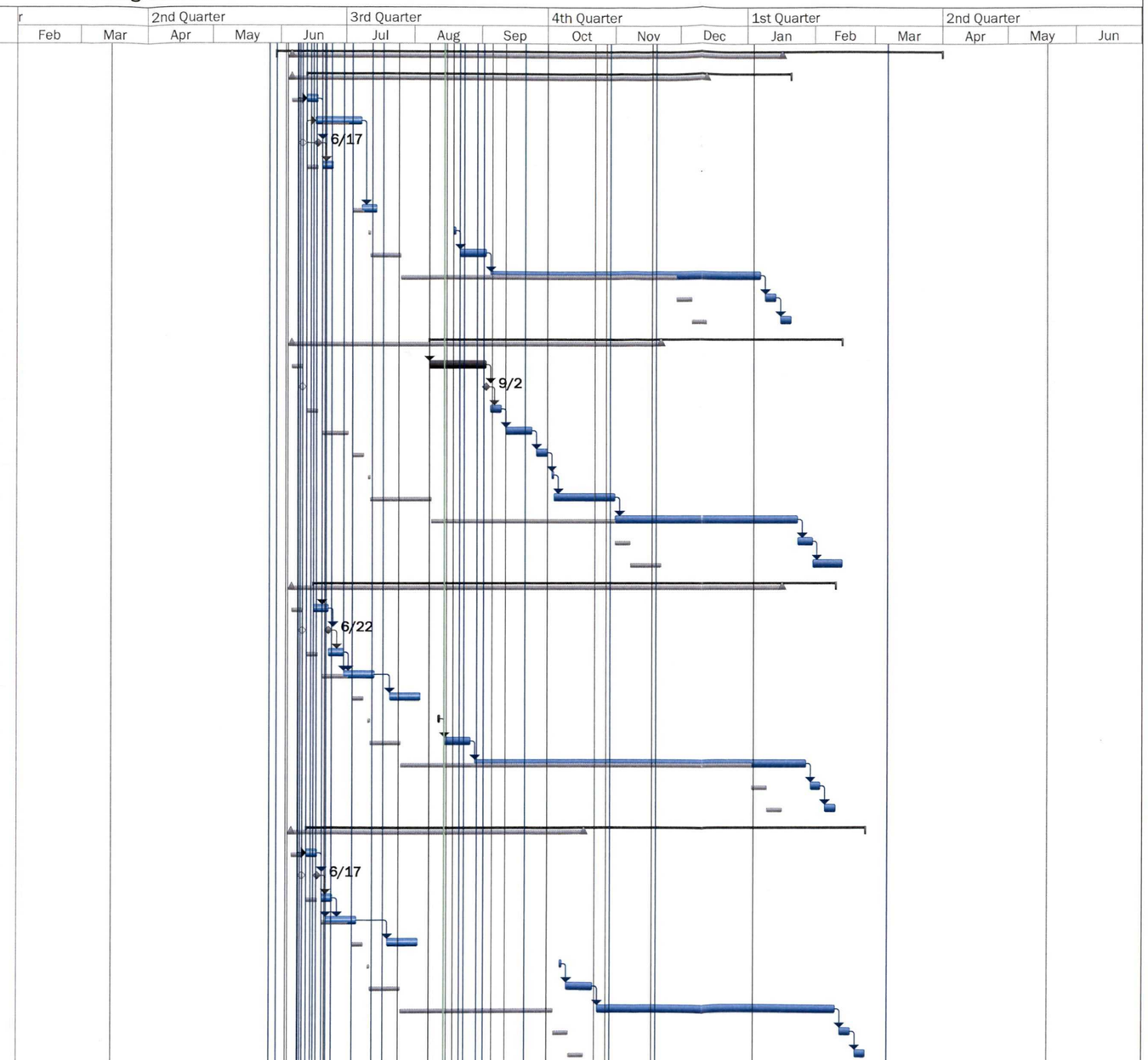


Project: 05783 - Blue Apron Prelim
Date: Mon 8/15/16

Task		Summary		External Milestone		Inactive Summary		Manual Summary Rollup		Finish-only		Critical Split		Baseline Milestone	
Split		Project Summary		Inactive Task		Manual Task		Manual Summary		Deadline		Late		Baseline Summary	
Milestone		External Tasks		Inactive Milestone		Duration-only		Start-only		Critical		Baseline		Progress	

05783 - Blue Apron Fulfillment Center
Construction Schedule
12 August 2016

ID		Task Mode	Task Name	% Complete	Duration	Start	Finish
272			**Kitchen and KK**	**14%**	**220 days**	**Mon 5/30/16**	**Fri 3/31/17**
273			**VFFS Scale Lines - Triangle Package Machinery**	**21%**	**160 days**	**Mon 6/13/16**	**Fri 1/20/17**
274	✓		VFFS Scale Lines Equipment Spec	100%	1 wk	Mon 6/13/16	Fri 6/17/16
275	✓		VFFS Scale Lines Issue RFP	100%	3 wks	Fri 6/17/16	Thu 7/7/16
276	✓		VFFS Scale Lines Equipment Spec Issue to BA	100%	0 days	Fri 6/17/16	Fri 6/17/16
277	✓		VFFS Scale Lines BA Review and Approval of Equip Spec	100%	1 wk	Mon 6/20/16	Fri 6/24/16
278	✓		VFFS Scale Lines Bid Spread / Recommendation	100%	1 wk	Fri 7/8/16	Thu 7/14/16
279			VFFS Scale Lines Issue Contract	0%	1 day	Fri 8/19/16	Fri 8/19/16
280			VFFS Scale Lines Shop Drawings	0%	2 wks	Mon 8/22/16	Fri 9/2/16
281			VFFS Scale Lines Manufacturing	0%	18 wks	Mon 9/5/16	Fri 1/6/17
282			VFFS Scale Lines FAT	0%	1 wk	Mon 1/9/17	Fri 1/13/17
283			VFFS Scale Lines Equip Shipping	0%	1 wk	Mon 1/16/17	Fri 1/20/17
284			**Scale Deck**	**0%**	**136 days**	**Mon 8/8/16**	**Mon 2/13/17**
285			Scale Deck Equipment Spec	0%	4 wks	Mon 8/8/16	Fri 9/2/16
286			Scale Deck Equipment Spec Issue to BA	0%	0 days	Fri 9/2/16	Fri 9/2/16
287			Scale Deck BA Review and Approval of Equip Spec	0%	1 wk	Mon 9/5/16	Fri 9/9/16
288			Scale Deck Issue RFP	0%	2 wks	Mon 9/12/16	Fri 9/23/16
289			Scale Deck Bid Spread / Recommendation	0%	1 wk	Mon 9/26/16	Fri 9/30/16
290			Scale Deck Issue Contract	0%	1 day	Mon 10/3/16	Mon 10/3/16
291			Scale Deck Shop Drawings	0%	4 wks	Tue 10/4/16	Mon 10/31/16
292			Scale Deck Manufacturing	0%	12 wks	Tue 11/1/16	Mon 1/23/17
293			Scale Deck FAT	0%	1 wk	Tue 1/24/17	Mon 1/30/17
294			Scale Deck Equip Shipping	0%	2 wks	Tue 1/31/17	Mon 2/13/17
295			**Flow Wrappers - Ilapak**	**19%**	**172 days**	**Thu 6/16/16**	**Fri 2/10/17**
296	✓		Flow Wrappers Equipment Spec	100%	1 wk	Thu 6/16/16	Wed 6/22/16
297	✓		Flow Wrappers Equipment Spec Issue to BA	100%	0 days	Wed 6/22/16	Wed 6/22/16
298	✓		Flow Wrappers BA Review and Approval of Equip Spe	100%	1 wk	Thu 6/23/16	Wed 6/29/16
299	✓		Flow Wrappers Issue RFP	100%	2 wks	Thu 6/30/16	Wed 7/13/16
300	✓		Flow Wrappers Bid Spread / Recommendation	100%	2 wks	Thu 7/21/16	Wed 8/3/16
301			Flow Wrappers Issue Contract	0%	1 day	Fri 8/12/16	Fri 8/12/16
302			Flow Wrappers Shop Drawings	0%	2 wks	Mon 8/15/16	Fri 8/26/16
303			Flow Wrappers Manufacturing	0%	22 wks	Mon 8/29/16	Fri 1/27/17
304			Flow Wrappers FAT	0%	1 wk	Mon 1/30/17	Fri 2/3/17
305			Flow Wrappers Equip Shipping	0%	1 wk	Mon 2/6/17	Fri 2/10/17
306			**Tray Lines - ProSeal**	**23%**	**185 days**	**Mon 6/13/16**	**Fri 2/24/17**
307	✓		Tray Lines Equipment Spec	100%	1 wk	Mon 6/13/16	Fri 6/17/16
308	✓		Tray Lines Equipment Spec Issue to BA	100%	0 days	Fri 6/17/16	Fri 6/17/16
309	✓		Tray Lines BA Review and Approval of Equip Spec	100%	1 wk	Mon 6/20/16	Fri 6/24/16
310	✓		Tray Lines Issue RFP	100%	2 wks	Wed 6/22/16	Tue 7/5/16
311	✓		Tray Lines Bid Spread / Recommendation	100%	2 wks	Wed 7/20/16	Tue 8/2/16
312			Tray Lines Issue Contract	0%	1 day	Fri 10/7/16	Fri 10/7/16
313			Tray Lines Shop Drawings	0%	2 wks	Mon 10/10/16	Fri 10/21/16
314			Tray Lines Manufacturing	0%	16 wks	Mon 10/24/16	Fri 2/10/17
315			Tray Lines FAT	0%	1 wk	Mon 2/13/17	Fri 2/17/17
316			Tray Lines Equip Shipping	0%	1 wk	Mon 2/20/17	Fri 2/24/17



Project: 05783 - Blue Apron Prelim
Date: Mon 8/15/16

Task | Split | Milestone | Summary | Project Summary | External Tasks | External Milestone | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | Deadline | Critical | Critical Split | Late | Baseline | Baseline Milestone | Baseline Summary | Progress

05783 - Blue Apron Fulfillment Center
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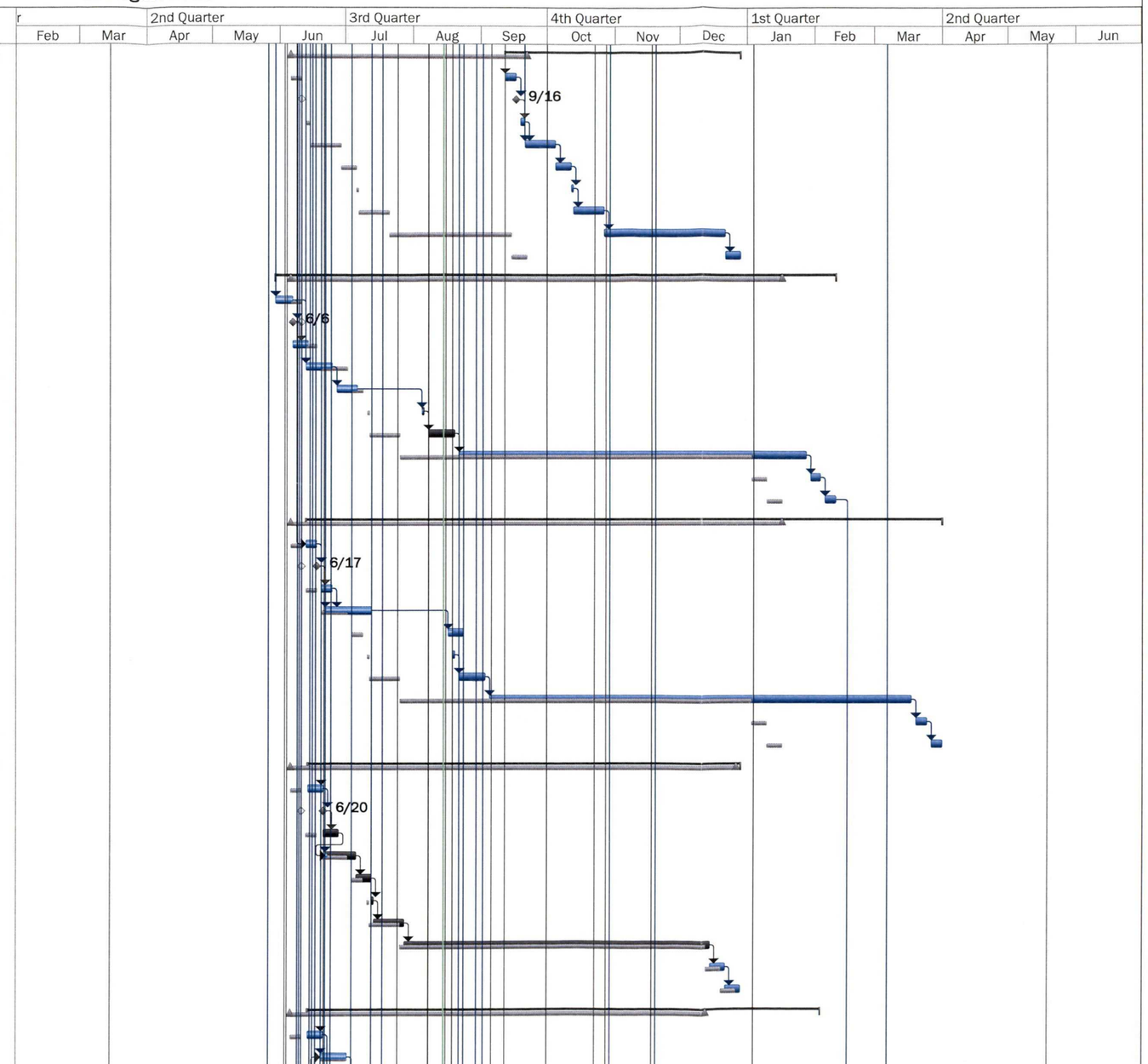
12 August 2016

ID		Task Mode	Task Name	% Complete	Duration	Start	Finish
317			**Tables**	**0%**	**78 days**	**Mon 9/12/16**	**Wed 12/28/16**
318			Tables Equipment Spec	0%	1 wk	Mon 9/12/16	Fri 9/16/16
319			Tables Equipment Spec Issue to BA	0%	0 days	Fri 9/16/16	Fri 9/16/16
320			Tables BA Review and Approval of Equip Spec	0%	2 days	Mon 9/19/16	Tue 9/20/16
321			Tables Issue RFP	0%	2 wks	Wed 9/21/16	Tue 10/4/16
322			Tables Bid Spread / Recommendation	0%	1 wk	Wed 10/5/16	Tue 10/11/16
323			Tables Issue Contract	0%	1 day	Wed 10/12/16	Wed 10/12/16
324			Tables Shop Drawings	0%	2 wks	Thu 10/13/16	Wed 10/26/16
325			Tables Manufacturing	0%	8 wks	Thu 10/27/16	Wed 12/21/16
326			Tables Equip Shipping	0%	1 wk	Thu 12/22/16	Wed 12/28/16
327			**Cup Line - ON HOLD - RA Jones**	**18%**	**185 days**	**Mon 5/30/16**	**Fri 2/10/17**
328	✓		Cup Line Equipment Spec	100%	6 days	Mon 5/30/16	Mon 6/6/16
329	✓		Cup Line Equipment Spec Issue to BA	100%	0 days	Mon 6/6/16	Mon 6/6/16
330	✓		Cup Line BA Review and Approval of Equip Spec	100%	1 wk	Tue 6/7/16	Mon 6/13/16
331	✓		Cup Line Issue RFP	100%	2 wks	Mon 6/13/16	Fri 6/24/16
332	✓		Cup Line Bid Spread / Recommendation	100%	1.5 wks	Mon 6/27/16	Wed 7/6/16
333			Cup Line Issue Contract	50%	1 day	Fri 8/5/16	Fri 8/5/16
334			Cup Line Shop Drawings	0%	2 wks	Mon 8/8/16	Fri 8/19/16
335			Cup Line Manufacturing	0%	23 wks	Mon 8/22/16	Fri 1/27/17
336			Cup Line FAT	0%	1 wk	Mon 1/30/17	Fri 2/3/17
337			Cup Line Equip Shipping	0%	1 wk	Mon 2/6/17	Fri 2/10/17
338			**Bottle Line**	**14%**	**210 days**	**Mon 6/13/16**	**Fri 3/31/17**
339	✓		Bottle Line Equipment Spec	100%	1 wk	Mon 6/13/16	Fri 6/17/16
340	✓		Bottle Line Equipment Spec Issue to BA	100%	0 days	Fri 6/17/16	Fri 6/17/16
341	✓		Bottle Line BA Review and Approval of Equip Spec	100%	1 wk	Mon 6/20/16	Fri 6/24/16
342	✓		Bottle Line Issue RFP	100%	3 wks	Wed 6/22/16	Tue 7/12/16
343			Bottle Line Bid Spread / Recommendation	50%	1 wk	Wed 8/17/16	Tue 8/23/16
344			Bottle Line Issue Contract	0%	1 day	Fri 8/19/16	Fri 8/19/16
345			Bottle Line Shop Drawings	0%	2 wks	Mon 8/22/16	Fri 9/2/16
346			Bottle Line Manufacturing	0%	28 wks	Mon 9/5/16	Fri 3/17/17
347			Bottle Line FAT	0%	1 wk	Mon 3/20/17	Fri 3/24/17
348			Bottle Line Equip Shipping	0%	1 wk	Mon 3/27/17	Fri 3/31/17
349			**Stick Filler - ON HOLD**	**4%**	**142 days**	**Tue 6/14/16**	**Wed 12/28/16**
350	✓		Stick Filler Equipment Spec	100%	1 wk	Tue 6/14/16	Mon 6/20/16
351	✓		Stick Filler Equipment Spec Issue to BA	100%	0 days	Mon 6/20/16	Mon 6/20/16
352			Stick Filler BA Review and Approval of Equip Spec	0%	1 wk	Tue 6/21/16	Mon 6/27/16
353			Stick Filler Issue RFP	10%	2 wks	Wed 6/22/16	Tue 7/5/16
354			Stick Filler Bid Spread / Recommendation	0%	1 wk	Wed 7/6/16	Tue 7/12/16
355			Stick Filler Issue Contract	0%	1 day	Wed 7/13/16	Wed 7/13/16
356			Stick Filler Shop Drawings	0%	2 wks	Thu 7/14/16	Wed 7/27/16
357			Stick Filler Manufacturing	0%	20 wks	Thu 7/28/16	Wed 12/14/16
358			Stick Filler FAT	0%	1 wk	Thu 12/15/16	Wed 12/21/16
359			Stick Filler Equip Shipping	0%	1 wk	Thu 12/22/16	Wed 12/28/16
360			**Dry VFFS - Triangle Package Machinery**	**17%**	**169 days**	**Tue 6/14/16**	**Fri 2/3/17**
361	✓		Dry VFFS Equipment Spec	100%	1 wk	Tue 6/14/16	Mon 6/20/16
362	✓		Dry VFFS Issue RFP	100%	2 wks	Mon 6/20/16	Fri 7/1/16



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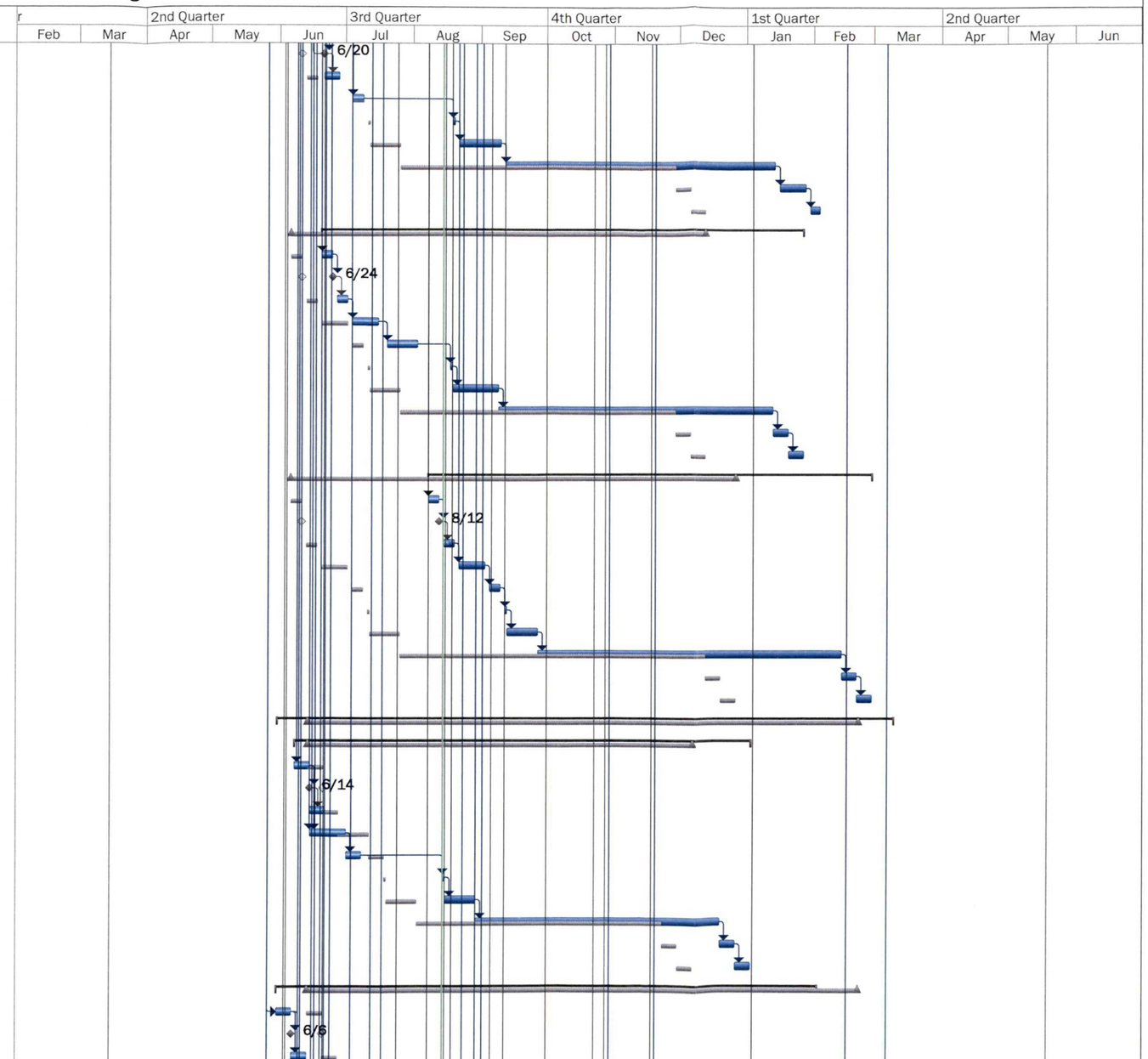
Task	Summary	External Milestone	Inactive Summary	Manual Summary Rollup	Finish-only	Critical Split	Baseline Milestone
Split	Project Summary	Inactive Task	Manual Task	Manual Summary	Deadline	Late	Baseline Summary
Milestone	External Tasks	Inactive Milestone	Duration-only	Start-only	Critical	Baseline	Progress

05783 - Blue Apron Fulfillment Center
Construction Schedule
12 August 2016

ID		Task Mode	Task Name	% Complete	Duration	Start	Finish
363	✓		Dry VFFS Equipment Spec Issue to BA	100%	0 days	Mon 6/20/16	Mon 6/20/16
364	✓		Dry VFFS BA Review and Approval of Equip Spec	100%	1 wk	Tue 6/21/16	Mon 6/27/16
365	✓		Dry VFFS Bid Spread / Recommendation	100%	1 wk	Mon 7/4/16	Fri 7/8/16
366			Dry VFFS Issue Contract	0%	1 day	Fri 8/19/16	Fri 8/19/16
367			Dry VFFS Shop Drawings	0%	3 wks	Mon 8/22/16	Fri 9/9/16
368			Dry VFFS Manufacturing	0%	18 wks	Mon 9/12/16	Fri 1/13/17
369			Dry VFFS FAT & Punchlist Items	0%	2 wks	Mon 1/16/17	Fri 1/27/17
370			Dry VFFS Equip Shipping	0%	1 wk	Mon 1/30/17	Fri 2/3/17
371			**Check Weigh / Metal Detectors - Heat and Control**	**21%**	**159 days**	**Mon 6/20/16**	**Thu 1/26/17**
372	✓		CW / MD Equipment Spec	100%	1 wk	Mon 6/20/16	Fri 6/24/16
373	✓		CW / MD Equipment Spec Issue to BA	100%	0 days	Fri 6/24/16	Fri 6/24/16
374	✓		CW / MD BA Review and Approval of Equip Spec	100%	1 wk	Mon 6/27/16	Fri 7/1/16
375	✓		CW / MD Issue RFP	100%	2 wks	Mon 7/4/16	Fri 7/15/16
376	✓		CW / MD Bid Spread / Recommendation	100%	2 wks	Wed 7/20/16	Tue 8/2/16
377			CW / MD Issue Contract	0%	1 day	Thu 8/18/16	Thu 8/18/16
378			CW / MD Shop Drawings	0%	3 wks	Fri 8/19/16	Thu 9/8/16
379			CW / MD Manufacturing	0%	18 wks	Fri 9/9/16	Thu 1/12/17
380			CW / MD FAT	0%	1 wk	Fri 1/13/17	Thu 1/19/17
381			CW / MD Equip Shipping	0%	1 wk	Fri 1/20/17	Thu 1/26/17
382			**KK Lines**	**5%**	**146 days**	**Mon 8/8/16**	**Mon 2/27/17**
383	✓		KK Lines Equipment Spec	100%	1 wk	Mon 8/8/16	Fri 8/12/16
384	✓		KK Lines Equipment Spec Issue to BA	100%	0 days	Fri 8/12/16	Fri 8/12/16
385			KK Lines BA Review and Approval of Equip Spec	50%	1 wk	Mon 8/15/16	Fri 8/19/16
386			KK Lines Issue RFP	0%	2 wks	Mon 8/22/16	Fri 9/2/16
387			KK Lines Bid Spread / Recommendation	0%	1 wk	Mon 9/5/16	Fri 9/9/16
388			KK Lines Issue Contract	0%	1 day	Mon 9/12/16	Mon 9/12/16
389			KK Lines Shop Drawings	0%	2 wks	Tue 9/13/16	Mon 9/26/16
390			KK Lines Manufacturing	0%	20 wks	Tue 9/27/16	Mon 2/13/17
391			KK Lines FAT	0%	1 wk	Tue 2/14/17	Mon 2/20/17
392			KK Lines Equip Shipping	0%	1 wk	Tue 2/21/17	Mon 2/27/17
393			**Pack Area**	**18%**	**203 days**	**Tue 5/31/16**	**Thu 3/9/17**
394			**Case Formers - Combi Packaging**	**21%**	**149 days**	**Wed 6/8/16**	**Mon 1/2/17**
395	✓		Case Formers Equipment Spec	100%	1 wk	Wed 6/8/16	Tue 6/14/16
396	✓		Case Formers Equipment Spec Issue to BA	100%	0 days	Tue 6/14/16	Tue 6/14/16
397	✓		Case Formers BA Review and Approval of Equip Spec	100%	1 wk	Wed 6/15/16	Tue 6/21/16
398	✓		Case Formers Issue RFP	100%	2.5 wks	Wed 6/15/16	Fri 7/1/16
399	✓		Case Formers Bid Spread / Recommendation	100%	1 wk	Fri 7/1/16	Fri 7/8/16
400			Case Formers Issue Contract	0%	1 day	Mon 8/15/16	Mon 8/15/16
401			Case Formers Shop Drawings	0%	2 wks	Tue 8/16/16	Mon 8/29/16
402			Case Formers Manufacturing	0%	16 wks	Tue 8/30/16	Mon 12/19/16
403			Case Formers FAT	0%	1 wk	Tue 12/20/16	Mon 12/26/16
404			Case Formers Equip Shipping	0%	1 wk	Tue 12/27/16	Mon 1/2/17
405			**Pack Lines, Tote Racking, Empty Tote Conv, Case Tape**	**19%**	**178 days**	**Tue 5/31/16**	**Thu 2/2/17**
406	✓		Pack Line Equipment Spec	100%	1 wk	Tue 5/31/16	Mon 6/6/16
407	✓		Pack Line Equipment Spec Issue to BA	100%	0 days	Mon 6/6/16	Mon 6/6/16
408	✓		Pack Line BA Review and Approval of Equip Spec	100%	1 wk	Tue 6/7/16	Mon 6/13/16

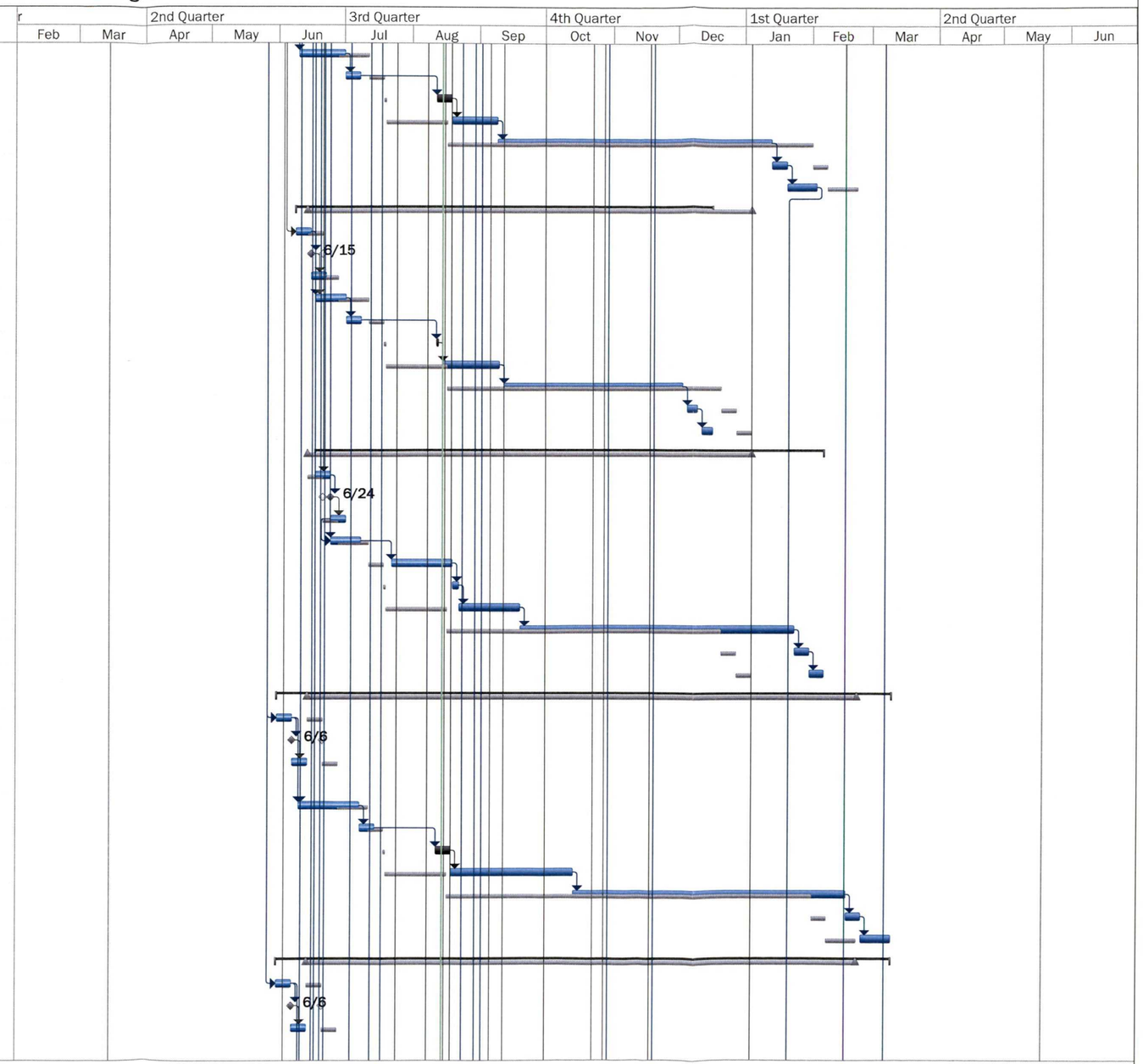


Project: 05783 - Blue Apron Prelim
Date: Mon 8/15/16

Task | Split | Milestone | Summary | Project Summary | External Tasks | External Milestone | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | Deadline | Critical | Critical Split | Late | Baseline | Baseline Milestone | Baseline Summary | Progress

05783 - Blue Apron Fulfillment Center
Construction Schedule
12 August 2016

ID		Task Mode	Task Name	% Complete	Duration	Start	Finish
409	✓		Pack Line Issue RFP	100%	3 wks	Fri 6/10/16	Thu 6/30/16
410	✓		Pack Line Bid Spread / Recommendation	100%	1 wk	Fri 7/1/16	Thu 7/7/16
411			Pack Line Issue Contract	0%	1 wk	Fri 8/12/16	Thu 8/18/16
412			Pack Line Shop Drawings	0%	3 wks	Fri 8/19/16	Thu 9/8/16
413			Pack Line Manufacturing	0%	18 wks	Fri 9/9/16	Thu 1/12/17
414			Pack Line FAT	0%	1 wk	Fri 1/13/17	Thu 1/19/17
415			Pack Line Equip Shipping	0%	2 wks	Fri 1/20/17	Thu 2/2/17
416			**Labelers (Nutritional, Shipping)**	**22%**	**137.5 days**	**Wed 6/8/16**	**Fri 12/16/16**
417	✓		Labelers Equipment Spec	100%	1 wk	Wed 6/8/16	Wed 6/15/16
418	✓		Labelers Equipment Spec Issue to BA	100%	0 days	Wed 6/15/16	Wed 6/15/16
419	✓		Labelers BA Review and Approval of Equip Spec	100%	1 wk	Wed 6/15/16	Wed 6/22/16
420	✓		Labelers Issue RFP	100%	2 wks	Fri 6/17/16	Fri 7/1/16
421	✓		Labelers Bid Spread / Recommendation	100%	1 wk	Fri 7/1/16	Fri 7/8/16
422			Labelers Issue Contract	0%	1 day	Fri 8/12/16	Fri 8/12/16
423			Labelers Shop Drawings	0%	4 wks	Mon 8/15/16	Fri 9/9/16
424			Labelers Manufacturing	0%	12 wks	Mon 9/12/16	Fri 12/2/16
425			Labelers FAT	0%	1 wk	Mon 12/5/16	Fri 12/9/16
426			Labelers Equip Shipping	0%	1 wk	Mon 12/12/16	Fri 12/16/16
427			**Collators**	**25%**	**166 days**	**Fri 6/17/16**	**Mon 2/6/17**
428	✓		Collators Equipment Spec	100%	1 wk	Fri 6/17/16	Fri 6/24/16
429	✓		Collators Equipment Spec Issue to BA	100%	0 days	Fri 6/24/16	Fri 6/24/16
430	✓		Collators BA Review and Approval of Equip Spec	100%	1 wk	Fri 6/24/16	Fri 7/1/16
431	✓		Collators Issue RFP	100%	2 wks	Fri 6/24/16	Fri 7/8/16
432	✓		Collators Bid Spread / Recommendation	100%	4 wks	Fri 7/22/16	Fri 8/19/16
433			Collators Issue Contract	0%	1 day	Fri 8/19/16	Mon 8/22/16
434			Collators Shop Drawings	0%	4 wks	Mon 8/22/16	Mon 9/19/16
435			Collators Manufacturing	0%	18 wks	Mon 9/19/16	Mon 1/23/17
436			Collators FAT	0%	1 wk	Mon 1/23/17	Mon 1/30/17
437			Collators Equip Shipping	0%	1 wk	Mon 1/30/17	Mon 2/6/17
438			**Finished Goods Conveyance / Sortation**	**19%**	**203 days**	**Tue 5/31/16**	**Thu 3/9/17**
439	✓		FG Conv. Sortation Equipment Spec	100%	1 wk	Tue 5/31/16	Mon 6/6/16
440	✓		FG Conv. Sortation Equipment Spec	100%	0 days	Mon 6/6/16	Mon 6/6/16
441	✓		FG Conv. Sortation BA Review and Approval of Equip Spec	100%	1 wk	Tue 6/7/16	Mon 6/13/16
442	✓		FG Conv. Sortation Issue RFP	100%	4 wks	Fri 6/10/16	Thu 7/7/16
443	✓		FG Conv. Sortation Bid Spread / Recommendation	100%	1 wk	Fri 7/8/16	Thu 7/14/16
444			FG Conv. Sortation Issue Contract	0%	1 wk	Fri 8/12/16	Thu 8/18/16
445			FG Conv. Sortation Shop Drawings	0%	8 wks	Fri 8/19/16	Thu 10/13/16
446			FG Conv. Sortation Manufacturing	0%	18 wks	Fri 10/14/16	Thu 2/16/17
447			FG Conv. Sortation FAT	0%	1 wk	Fri 2/17/17	Thu 2/23/17
448			FG Conv. Sortation Equip Shipping	0%	2 wks	Fri 2/24/17	Thu 3/9/17
449			**Empty Tote Conveyance**	**17%**	**203 days**	**Tue 5/31/16**	**Thu 3/9/17**
450	✓		Empty Tote Conv. Equipment Spec	100%	1 wk	Tue 5/31/16	Mon 6/6/16
451	✓		Empty Tote Conv. Equipment Spec Issue to BA	100%	0 days	Mon 6/6/16	Mon 6/6/16
452	✓		Empty Tote Conv. BA Review and Approval of Equip Spec	100%	1 wk	Tue 6/7/16	Mon 6/13/16



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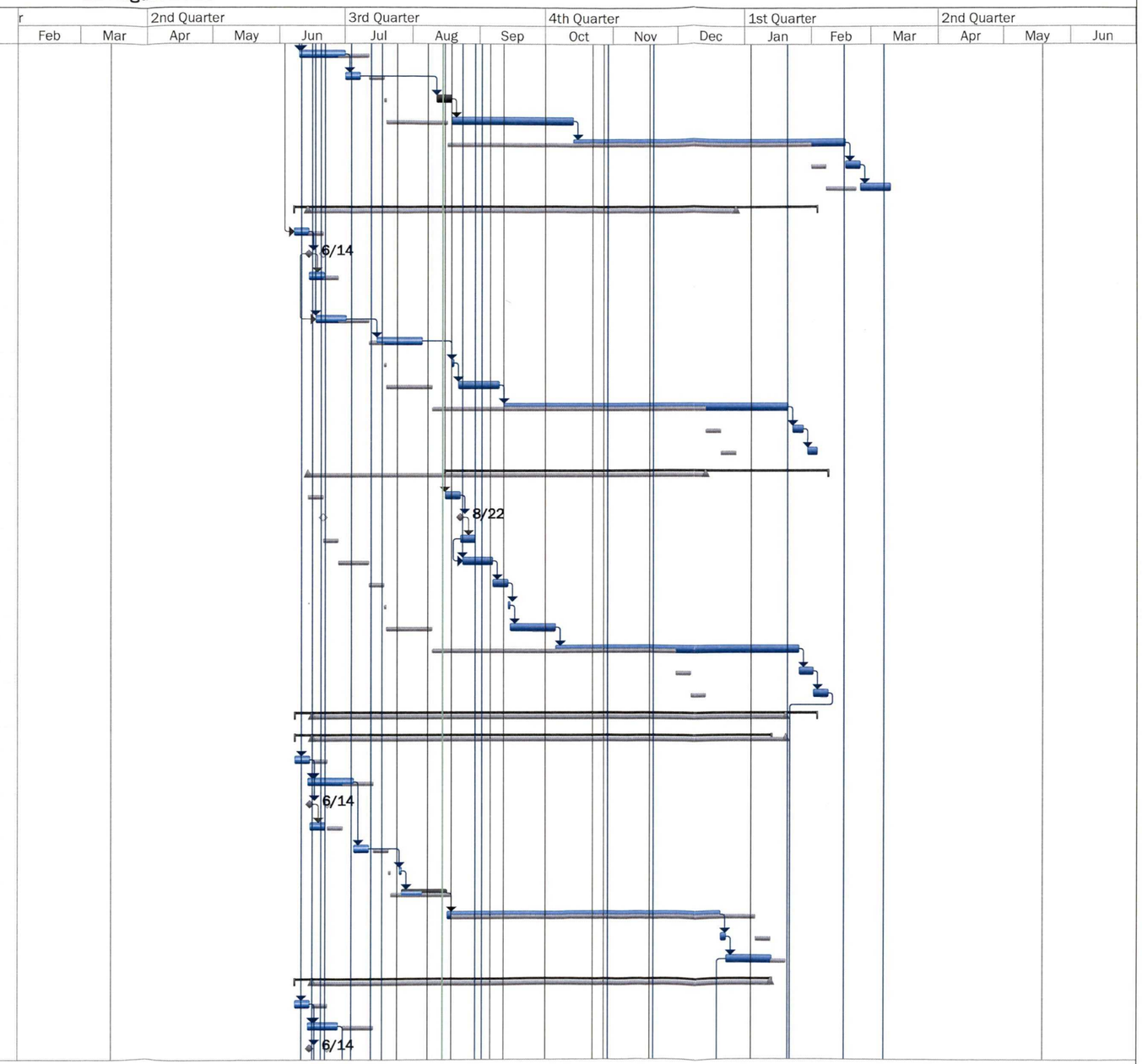
Task | Split | Milestone | Summary | Project Summary | External Tasks | External Milestone | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | Deadline | Critical | Critical Split | Late | Baseline | Baseline Milestone | Baseline Summary | Progress

05783 - Blue Apron Fulfillment Center
Construction Schedule
12 August 2016

ID		Task Mode	Task Name	% Complete	Duration	Start	Finish
453	✓		Empty Tote Conv. Issue RFP	100%	3 wks	Fri 6/10/16	Thu 6/30/16
454	✓		Empty Tote Conv. Bid Spread / Recommendation	100%	1 wk	Fri 7/1/16	Thu 7/7/16
455			Empty Tote Conv. Issue Contract	0%	1 wk	Fri 8/12/16	Thu 8/18/16
456			Empty Tote Conv. Shop Drawings	0%	8 wks	Fri 8/19/16	Thu 10/13/16
457			Empty Tote Conv. Manufacturing	0%	18 wks	Fri 10/14/16	Thu 2/16/17
458			Empty Tote Conv. FAT	0%	1 wk	Fri 2/17/17	Thu 2/23/17
459			Empty Tote Conv. Equip Shipping	0%	2 wks	Fri 2/24/17	Thu 3/9/17
460			**Stretch Wrapper**	**22%**	**173.5 days**	**Tue 6/7/16**	**Fri 2/3/17**
461	✓		Stretch Wrapper Equipment Spec	100%	1 wk	Tue 6/7/16	Tue 6/14/16
462	✓		Stretch Wrapper Equipment Spec Issue to BA	100%	0 days	Tue 6/14/16	Tue 6/14/16
463	✓		Stretch Wrapper BA Review and Approval of Equip Spec	100%	1 wk	Tue 6/14/16	Tue 6/21/16
464	✓		Stretch Wrapper Issue RFP	100%	2 wks	Fri 6/17/16	Fri 7/1/16
465	✓		Stretch Wrapper Bid Spread / Recommendation	100%	3 wks	Fri 7/15/16	Fri 8/5/16
466			Stretch Wrapper Issue Contract	0%	1 day	Fri 8/19/16	Fri 8/19/16
467			Stretch Wrapper Shop Drawings	0%	3 wks	Mon 8/22/16	Fri 9/9/16
468			Stretch Wrapper Manufacturing	0%	19 wks	Mon 9/12/16	Fri 1/20/17
469			Stretch Wrapper FAT	0%	1 wk	Mon 1/23/17	Fri 1/27/17
470			Stretch Wrapper Equip Shipping	0%	1 wk	Mon 1/30/17	Fri 2/3/17
471			**Re-Pack Lines**	**0%**	**127 days**	**Tue 8/16/16**	**Wed 2/8/17**
472			Re-Pack Lines Equipment Spec	0%	1 wk	Tue 8/16/16	Mon 8/22/16
473			Re-Pack Lines Equipment Spec Issue to BA	0%	0 days	Mon 8/22/16	Mon 8/22/16
474			Re-Pack Lines BA Review and Approval of Equip Spe	0%	1 wk	Tue 8/23/16	Mon 8/29/16
475			Re-Pack Lines Issue RFP	0%	2 wks	Wed 8/24/16	Tue 9/6/16
476			Re-Pack Lines Bid Spread / Recommendation	0%	1 wk	Wed 9/7/16	Tue 9/13/16
477			Re-Pack Lines Issue Contract	0%	1 day	Wed 9/14/16	Wed 9/14/16
478			Re-Pack Lines Shop Drawings	0%	3 wks	Thu 9/15/16	Wed 10/5/16
479			Re-Pack Lines Manufacturing	0%	16 wks	Thu 10/6/16	Wed 1/25/17
480			Re-Pack Lines FAT	0%	1 wk	Thu 1/26/17	Wed 2/1/17
481			Re-Pack Lines Equip Shipping	0%	1 wk	Thu 2/2/17	Wed 2/8/17
482			**Sanitation**	**13%**	**173 days**	**Wed 6/8/16**	**Fri 2/3/17**
483			**Tote Washer - Colussi**	**25%**	**157.5 days**	**Wed 6/8/16**	**Fri 1/13/17**
484	✓		Tote Washer Equipment Spec	100%	1 wk	Wed 6/8/16	Tue 6/14/16
485	✓		Tote Washer Issue RFP	100%	3 wks	Tue 6/14/16	Mon 7/4/16
486	✓		Tote Washer Equipment Spec Issue to BA	100%	0 days	Tue 6/14/16	Tue 6/14/16
487	✓		Tote Washer BA Review and Approval of Equip Spec	100%	1 wk	Wed 6/15/16	Tue 6/21/16
488	✓		Tote Washer Bid Spread / Recommendation	100%	1 wk	Tue 7/5/16	Mon 7/11/16
489	✓		Tote Washer Issue Contract	100%	1 day	Tue 7/26/16	Tue 7/26/16
490			Tote Washer Shop Drawings	50%	3 wks	Wed 7/27/16	Tue 8/16/16
491			Tote Washer Manufacturing	0%	18 wks	Wed 8/17/16	Tue 12/20/16
492			Tote Washer FAT	0%	0.5 wks	Wed 12/21/16	Fri 12/23/16
493			Tote Washer Equip Shipping	0%	3 wks	Fri 12/23/16	Fri 1/13/17
494			**Pallet Washer - Colussi**	**23%**	**157.5 days**	**Wed 6/8/16**	**Fri 1/13/17**
495	✓		Pallet Washer Equipment Spec	100%	1 wk	Wed 6/8/16	Tue 6/14/16
496	✓		Pallet Washer Issue RFP	100%	2 wks	Tue 6/14/16	Mon 6/27/16
497	✓		Pallet Washer Equipment Spec Issue to BA	100%	0 days	Tue 6/14/16	Tue 6/14/16



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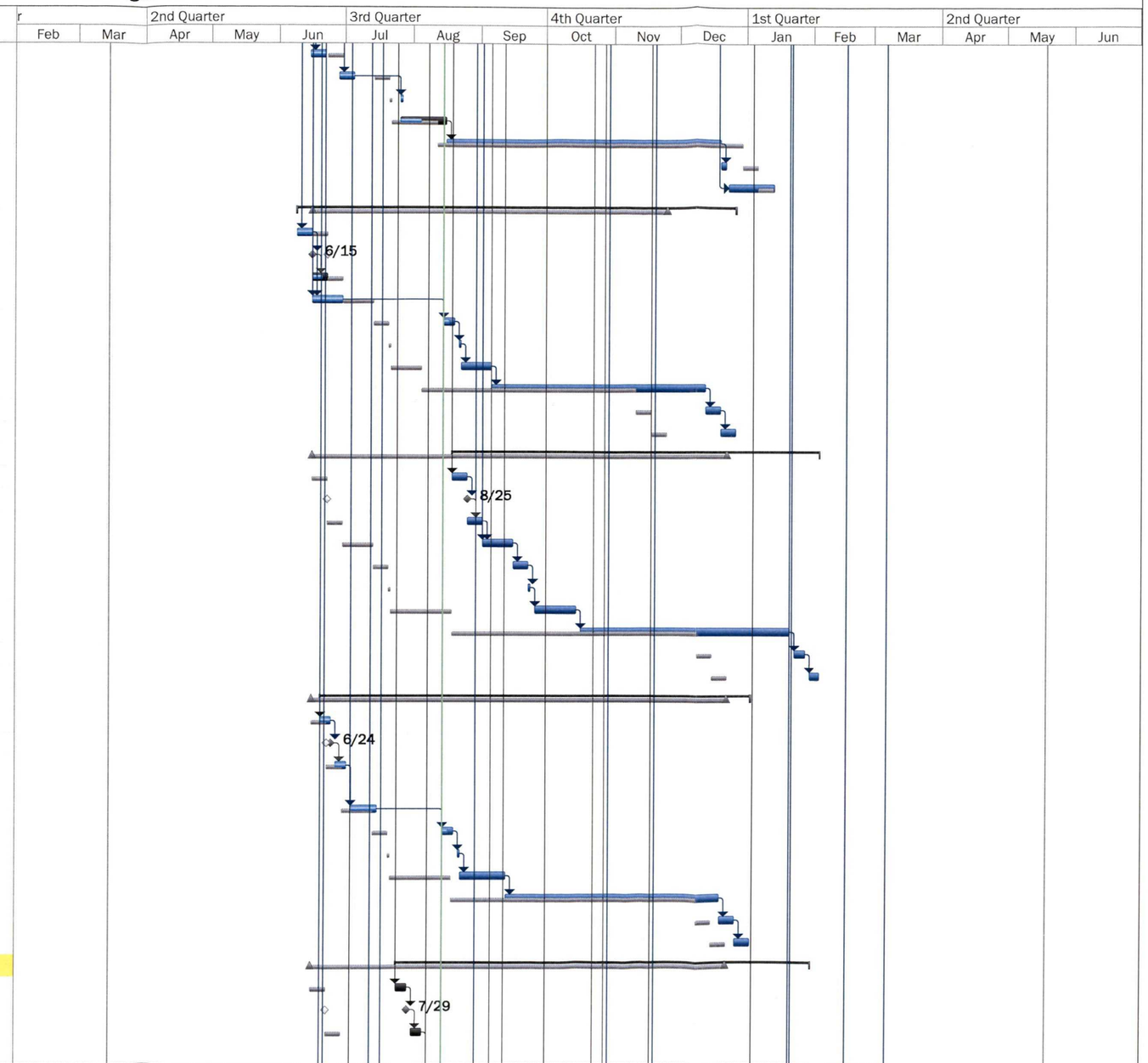
05783 - Blue Apron Fulfillment Center
Construction Schedule
12 August 2016

ID		Task Mode	Task Name	% Complete	Duration	Start	Finish
498	✓		Pallet Washer BA Review and Approval of Equip Spec	100%	1 wk	Wed 6/15/16	Tue 6/21/16
499	✓		Pallet Washer Bid Spread / Recommendation	100%	1 wk	Tue 6/28/16	Mon 7/4/16
500	✓		Pallet Washer Issue Contract	100%	1 day	Tue 7/26/16	Tue 7/26/16
501			Pallet Washer Shop Drawings	50%	3 wks	Tue 7/26/16	Mon 8/15/16
502			Pallet Washer Manufacturing	0%	18 wks	Tue 8/16/16	Mon 12/19/16
503			Pallet Washer FAT	0%	0.5 wks	Tue 12/20/16	Thu 12/22/16
504			Pallet Washer Equip Shipping	0%	3 wks	Fri 12/23/16	Fri 1/13/17
505			**COP Tanks**	**17%**	**143 days**	**Thu 6/9/16**	**Mon 12/26/16**
506	✓		COP Tanks Equipment Spec	100%	1 wk	Thu 6/9/16	Wed 6/15/16
507	✓		COP Tanks Equipment Spec Issue to BA	100%	0 days	Wed 6/15/16	Wed 6/15/16
508			COP Tanks BA Review and Approval of Equip Spec	50%	1 wk	Thu 6/16/16	Wed 6/22/16
509	✓		COP Tanks Issue RFP	100%	2 wks	Thu 6/16/16	Wed 6/29/16
510			COP Tanks Bid Spread / Recommendation	50%	1 wk	Mon 8/15/16	Fri 8/19/16
511			COP Tanks Issue Contract	0%	1 day	Mon 8/22/16	Mon 8/22/16
512			COP Tanks Shop Drawings	0%	2 wks	Tue 8/23/16	Mon 9/5/16
513			COP Tanks Manufacturing	0%	14 wks	Tue 9/6/16	Mon 12/12/16
514			COP Tanks FAT	0%	1 wk	Tue 12/13/16	Mon 12/19/16
515			COP Tanks Equip Shipping	0%	1 wk	Tue 12/20/16	Mon 12/26/16
516			**CIP Skid**	**0%**	**121 days**	**Fri 8/19/16**	**Fri 2/3/17**
517			CIP Skid Equipment Spec	0%	1 wk	Fri 8/19/16	Thu 8/25/16
518			CIP Skid Equipment Spec Issue to BA	0%	0 days	Thu 8/25/16	Thu 8/25/16
519			CIP Skid BA Review and Approval of Equip Spec	0%	1 wk	Fri 8/26/16	Thu 9/1/16
520			CIP Skid Issue RFP	0%	2 wks	Fri 9/2/16	Thu 9/15/16
521			CIP Skid Bid Spread / Recommendation	0%	1 wk	Fri 9/16/16	Thu 9/22/16
522			CIP Skid Issue Contract	0%	1 day	Fri 9/23/16	Fri 9/23/16
523			CIP Skid Shop Drawings	0%	3 wks	Mon 9/26/16	Fri 10/14/16
524			CIP Skid Manufacturing	0%	14 wks	Mon 10/17/16	Fri 1/20/17
525			CIP Skid FAT	0%	1 wk	Mon 1/23/17	Fri 1/27/17
526			CIP Skid Equip Shipping	0%	1 wk	Mon 1/30/17	Fri 2/3/17
527			**Scale Bucket Washer**	**19%**	**141 days**	**Mon 6/20/16**	**Mon 1/2/17**
528	✓		Scale Bucket Washer Equipment Spec	100%	1 wk	Mon 6/20/16	Fri 6/24/16
529	✓		Scale Bucket Washer Equipment Spec Issue to BA	100%	0 days	Fri 6/24/16	Fri 6/24/16
530	✓		Scale Bucket Washer BA Review and Approval of Equip Spec	100%	1 wk	Mon 6/27/16	Fri 7/1/16
531	✓		Scale Bucket Washer Issue RFP	100%	2 wks	Mon 7/4/16	Fri 7/15/16
532			Scale Bucket Washer Bid Spread / Recommendatior	50%	1 wk	Mon 8/15/16	Fri 8/19/16
533			Scale Bucket Washer Issue Contract	0%	1 day	Mon 8/22/16	Mon 8/22/16
534			Scale Bucket Washer Shop Drawings	0%	3 wks	Tue 8/23/16	Mon 9/12/16
535			Scale Bucket Washer Manufacturing	0%	14 wks	Tue 9/13/16	Mon 12/19/16
536			Scale Bucket Washer FAT	0%	1 wk	Tue 12/20/16	Mon 12/26/16
537			Scale Bucket Washer Equip Shipping	0%	1 wk	Tue 12/27/16	Mon 1/2/17
538			**Central Sanitation System??**	**0%**	**136 days**	**Mon 7/25/16**	**Mon 1/30/17**
539			Central Sanitation System Equipment Spec	0%	1 wk	Mon 7/25/16	Fri 7/29/16
540			Central Sanitation System Equipment Spec Issue to	0%	0 days	Fri 7/29/16	Fri 7/29/16
541			Central Sanitation System BA Review and Approval of Equip Spec	0%	1 wk	Mon 8/1/16	Fri 8/5/16



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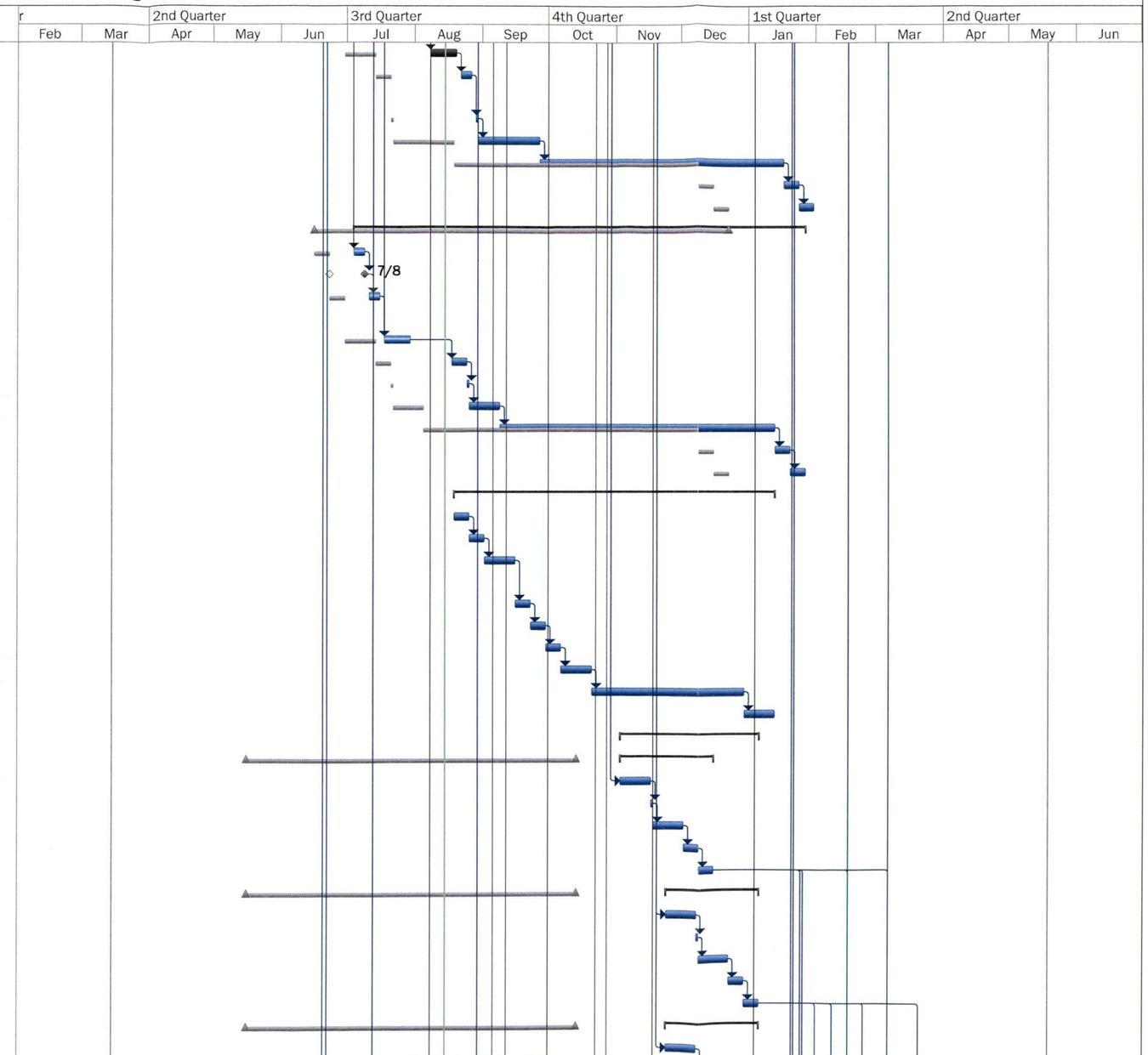
05783 - Blue Apron Fulfillment Center
Construction Schedule
12 August 2016

ID		Task Mode	Task Name	% Complete	Duration	Start	Finish
542			Central Sanitation System Issue RFP	0%	2 wks	Mon 8/8/16	Fri 8/19/16
543			Central Sanitation System Bid Spread / Recommendation	0%	1 wk	Mon 8/22/16	Fri 8/26/16
544			Central Sanitation System Issue Contract	0%	1 day	Mon 8/29/16	Mon 8/29/16
545			Central Sanitation System Shop Drawings	0%	4 wks	Tue 8/30/16	Mon 9/26/16
546			Central Sanitation System Manufacturing	0%	16 wks	Tue 9/27/16	Mon 1/16/17
547			Central Sanitation System FAT	0%	1 wk	Tue 1/17/17	Mon 1/23/17
548			Central Sanitation System Equip Shipping	0%	1 wk	Tue 1/24/17	Mon 1/30/17
549			**Corrugate Bailers**	**15%**	**149 days**	**Mon 7/4/16**	**Thu 1/26/17**
550	✓		Corrugate Bailers Equipment Spec	100%	1 wk	Mon 7/4/16	Fri 7/8/16
551	✓		Corrugate Bailers Equipment Spec Issue to BA	100%	0 days	Fri 7/8/16	Fri 7/8/16
552	✓		Corrugate Bailers BA Review and Approval of Equip Spec	100%	1 wk	Mon 7/11/16	Fri 7/15/16
553	✓		Corrugate Bailers Issue RFP	100%	2 wks	Mon 7/18/16	Fri 7/29/16
554			Corrugate Bailers Bid Spread / Recommendation	0%	1 wk	Thu 8/18/16	Wed 8/24/16
555			Corrugate Bailers Issue Contract	0%	1 day	Thu 8/25/16	Thu 8/25/16
556			Corrugate Bailers Shop Drawings	0%	2 wks	Fri 8/26/16	Thu 9/8/16
557			Corrugate Bailers Manufacturing	0%	18 wks	Fri 9/9/16	Thu 1/12/17
558			Corrugate Bailers FAT	0%	1 wk	Fri 1/13/17	Thu 1/19/17
559			Corrugate Bailers Equip Shipping	0%	1 wk	Fri 1/20/17	Thu 1/26/17
560			**Trash Compactor**	**0%**	**105 days**	**Fri 8/19/16**	**Thu 1/12/17**
561			Trash Compactor Equipment Spec	0%	1 wk	Fri 8/19/16	Thu 8/25/16
562			Trash Compactor Equipment Spec Issue to BA	0%	1 wk	Fri 8/26/16	Thu 9/1/16
563			Trash Compactor Equipment BA Reveiew and Approve Spec	0%	2 wks	Fri 9/2/16	Thu 9/15/16
564			Issue RFP	0%	1 wk	Fri 9/16/16	Thu 9/22/16
565			Bid Spread / Recommendation	0%	1 wk	Fri 9/23/16	Thu 9/29/16
566			Issue Contract	0%	1 wk	Fri 9/30/16	Thu 10/6/16
567			Shop Drawings	0%	2 wks	Fri 10/7/16	Thu 10/20/16
568			Manufacture	0%	10 wks	Fri 10/21/16	Thu 12/29/16
569			Equipment Shipping	0%	2 wks	Fri 12/30/16	Thu 1/12/17
570			**Process Equipment Installation**	**0%**	**46 days**	**Thu 11/3/16**	**Thu 1/5/17**
571			**Process Rigging and Setting**	**0%**	**31 days**	**Thu 11/3/16**	**Thu 12/15/16**
572			Develop Bid Package	0%	2 wks	Thu 11/3/16	Wed 11/16/16
573			Issue Bid Package	0%	1 day	Thu 11/17/16	Thu 11/17/16
574			Receive Pricing	0%	2 wks	Fri 11/18/16	Thu 12/1/16
575			Bid Spread / Recommendation	0%	1 wk	Fri 12/2/16	Thu 12/8/16
576			Issue Sub-Contract	0%	1 wk	Fri 12/9/16	Thu 12/15/16
577			**Process Mechanical Drop Installation**	**0%**	**31 days**	**Thu 11/24/16**	**Thu 1/5/17**
578			Develop Bid Package	0%	2 wks	Thu 11/24/16	Wed 12/7/16
579			Issue Bid Package	0%	1 day	Thu 12/8/16	Thu 12/8/16
580			Receive Pricing	0%	2 wks	Fri 12/9/16	Thu 12/22/16
581			Bid Spread / Recommendation	0%	1 wk	Fri 12/23/16	Thu 12/29/16
582			Issue Sub-Contract	0%	1 wk	Fri 12/30/16	Thu 1/5/17
583			**Process Electrical Installation**	**0%**	**31 days**	**Thu 11/24/16**	**Thu 1/5/17**
584			Develop Bid Package	0%	2 wks	Thu 11/24/16	Wed 12/7/16



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Task		Summary		External Milestone		Inactive Summary		Manual Summary Rollup		Finish-only		Critical Split		Baseline Milestone	
Split		Project Summary		Inactive Task		Manual Task		Manual Summary		Deadline		Late		Baseline Summary	
Milestone		External Tasks		Inactive Milestone		Duration-only		Start-only		Critical		Baseline		Progress	

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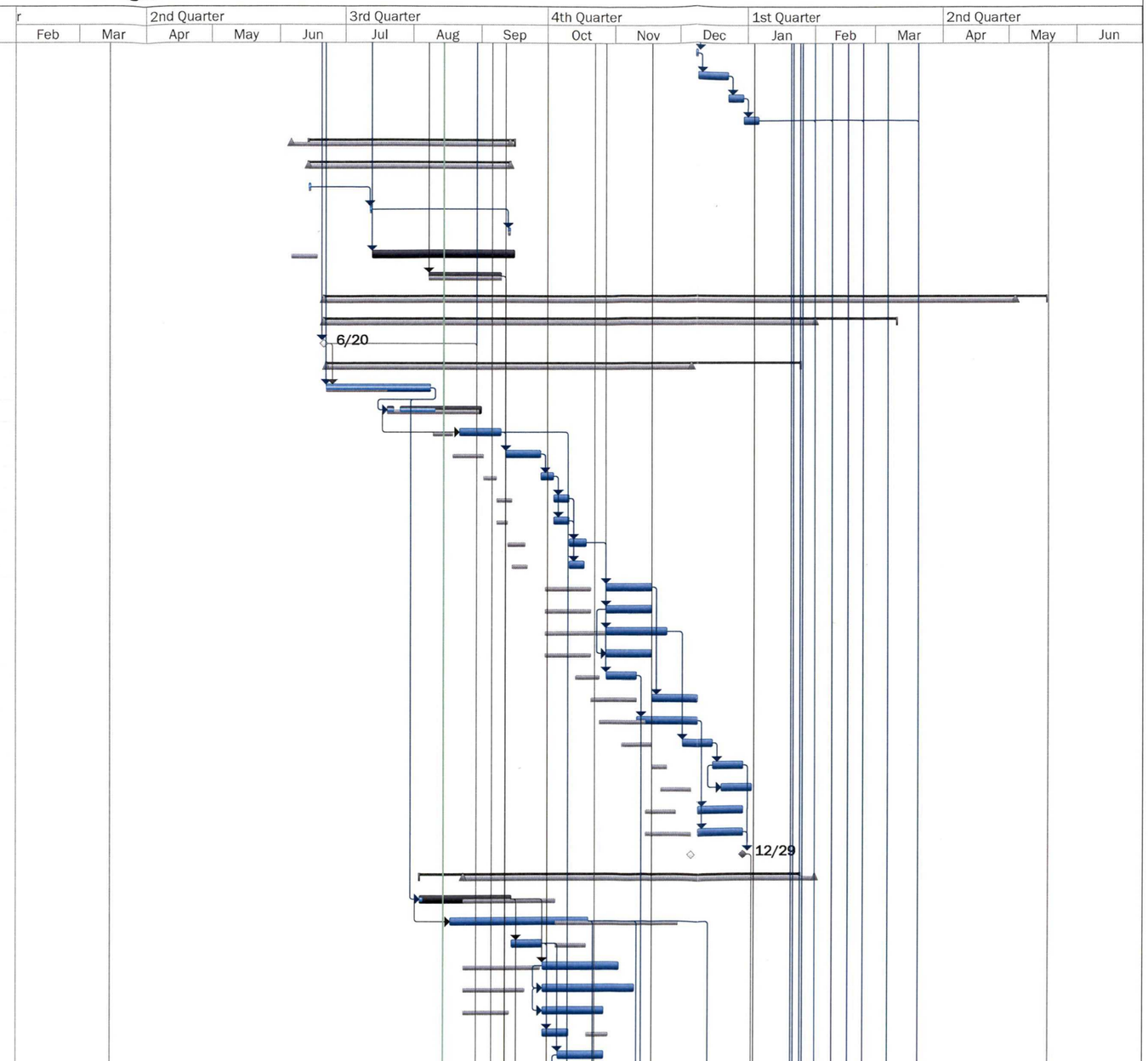
12 August 2016

ID		Task Mode	Task Name	% Complete	Duration	Start	Finish
585			Issue Bid Package	0%	1 day	Thu 12/8/16	Thu 12/8/16
586			Receive Pricing	0%	2 wks	Fri 12/9/16	Thu 12/22/16
587			Bid Spread / Recommendation	0%	1 wk	Fri 12/23/16	Thu 12/29/16
588			Issue Sub-Contract	0%	1 wk	Fri 12/30/16	Thu 1/5/17
589			**Permitting**	**3%**	**68 days**	**Tue 6/14/16**	**Thu 9/15/16**
590			**Planning Commission**	**67%**	**66 days**	**Tue 6/14/16**	**Tue 9/13/16**
591	✓		Planning Commission Meeting	100%	1 day	Tue 6/14/16	Tue 6/14/16
592	✓		Supervisors Approval	100%	1 day	Tue 7/12/16	Tue 7/12/16
593			Next Supervisors meeting	0%	1 day	Tue 9/13/16	Tue 9/13/16
594			Underground Permit	0%	9.4 wks	Wed 7/13/16	Thu 9/15/16
595			Full Building Permit	0%	5 wks	Mon 8/8/16	Fri 9/9/16
596			**Construction**	**2%**	**237.5 days**	**Mon 6/20/16**	**Thu 5/18/17**
597			**Building Construction**	**3%**	**189 days**	**Mon 6/20/16**	**Fri 3/10/17**
598			Mobilize	0%	0 days	Mon 6/20/16	Mon 6/20/16
599			**Receiving Dock / Coolers (Yellow Area)**	**7%**	**155 days**	**Wed 6/22/16**	**Tue 1/24/17**
600	✓		Joist Reinforcing	100%	34 days	Wed 6/22/16	Mon 8/8/16
601			IMP Ceiling Installation	50%	30 days	Wed 7/20/16	Wed 8/31/16
602			Sawcut and Demo Slabs	0%	15 days	Mon 8/22/16	Fri 9/9/16
603			Install UG Plumbing	0%	12 days	Mon 9/12/16	Tue 9/27/16
604			Repair Underfloor Venting System	0%	4 days	Wed 9/28/16	Mon 10/3/16
605			Pour Sub Slabs	0%	5 days	Tue 10/4/16	Mon 10/10/16
606			Set Floor Drains	0%	5 days	Tue 10/4/16	Mon 10/10/16
607			Pour Slabs	0%	6 days	Tue 10/11/16	Tue 10/18/16
608			Set IMP to Sub Slab	0%	5 days	Tue 10/11/16	Mon 10/17/16
609			Lighting	0%	15 days	Fri 10/28/16	Thu 11/17/16
610			Power Rough-In	0%	15 days	Fri 10/28/16	Thu 11/17/16
611			Install IMP Walls	0%	20 days	Fri 10/28/16	Thu 11/24/16
612			Fire Alarm	0%	15 days	Fri 10/28/16	Thu 11/17/16
613			Set Refrigeration Units	0%	10 days	Fri 10/28/16	Thu 11/10/16
614			Install Sprinkler Heads	0%	15 days	Fri 11/18/16	Thu 12/8/16
615			Refrigeration Piping	0%	20 days	Fri 11/11/16	Thu 12/8/16
616			Pour Concrete Curbs	0%	10 days	Fri 12/2/16	Thu 12/15/16
617			Install Doors	0%	10 days	Fri 12/16/16	Thu 12/29/16
618			Door Power and Controls	0%	10 days	Tue 12/20/16	Mon 1/2/17
619			Terminations to Refrigeration Equipment	0%	15 days	Fri 12/9/16	Thu 12/29/16
620			Refrigeration Insulation	0%	15 days	Fri 12/9/16	Thu 12/29/16
621			Ready for Rack Installation	0%	0 days	Thu 12/29/16	Thu 12/29/16
622			**Packaging / Shipping Dock (Green Area)**	**0%**	**124 days**	**Thu 8/4/16**	**Tue 1/24/17**
623			Joist Reinforcing	5%	30 days	Thu 8/4/16	Wed 9/14/16
624			Install IMP Ceiling	0%	45 days	Thu 8/18/16	Wed 10/19/16
625			Sawcut and Demo Slabs	0%	10 days	Thu 9/15/16	Wed 9/28/16
626			Install Utility Pipe Hangers / Stuff Pipe	0%	25 days	Thu 9/29/16	Wed 11/2/16
627			Electrical Rough-In	0%	30 days	Thu 9/29/16	Wed 11/9/16
628			Fire Alarm	0%	20 days	Thu 9/29/16	Wed 10/26/16
629			Repair Underfloor Venting System	0%	8 days	Thu 9/29/16	Mon 10/10/16
630			UG Plumbing	0%	15 days	Thu 10/6/16	Wed 10/26/16

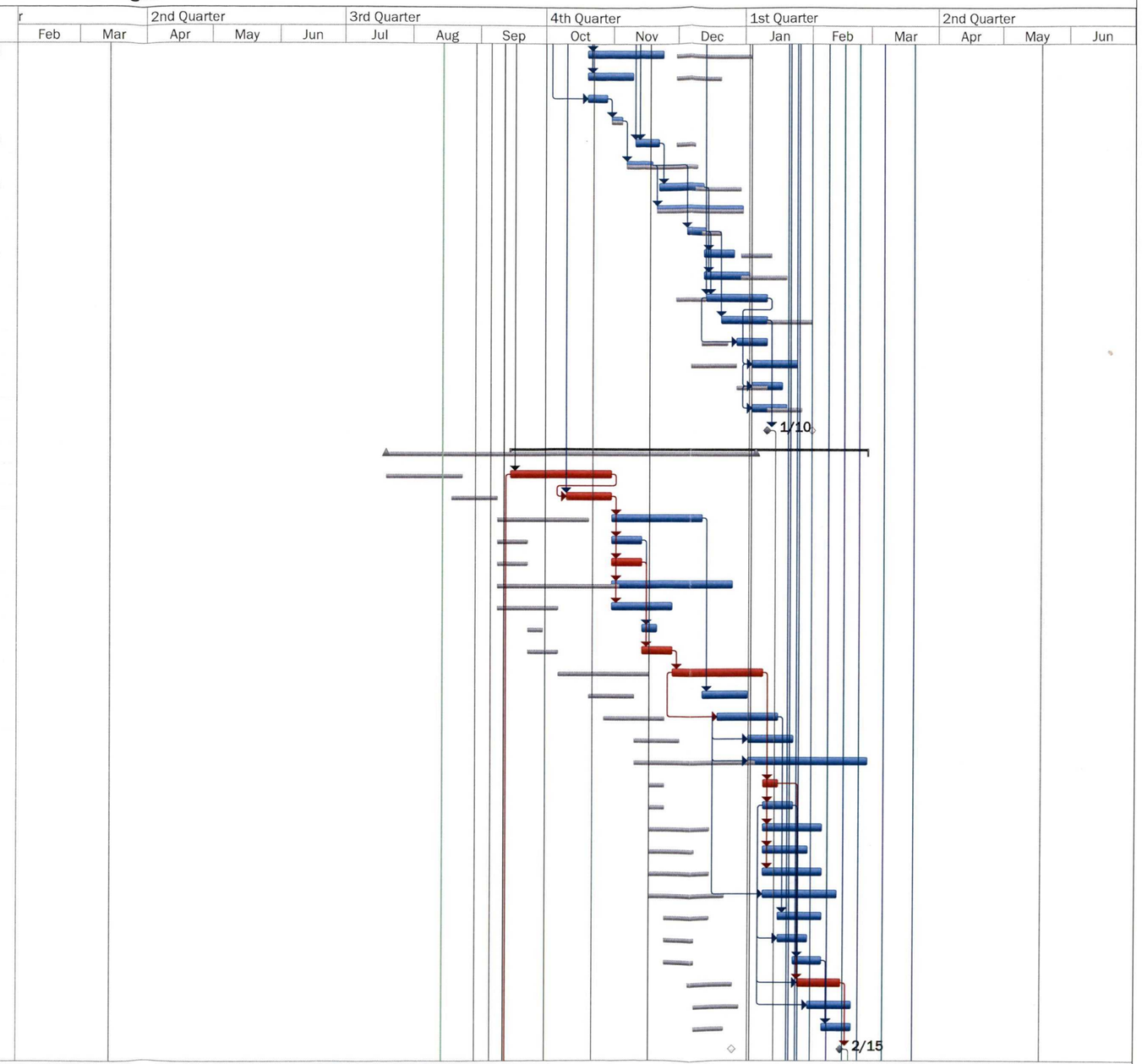


Project: 05783 - Blue Apron Prelim
Date: Mon 8/15/16

Task | Split | Milestone | Summary | Project Summary | External Tasks | External Milestone | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | Deadline | Critical | Critical Split | Late | Baseline | Baseline Milestone | Baseline Summary | Progress

05783 - Blue Apron Fulfillment Center
Construction Schedule
12 August 2016

ID	Task Mode	Task Name	% Complete	Duration	Start	Finish
631		Lighting	0%	25 days	Thu 10/20/16	Wed 11/23/16
632		Install Sprinkler Heads	0%	15 days	Thu 10/20/16	Wed 11/9/16
633		Set Drains	0%	7 days	Thu 10/20/16	Fri 10/28/16
634		Pour Sub Slabs	0%	5 days	Mon 10/31/16	Fri 11/4/16
635		Set Refrigeration Units	0%	7 days	Fri 11/11/16	Mon 11/21/16
636		Set IMP Walls to Sub Slab	0%	10 days	Mon 11/7/16	Fri 11/18/16
637		Refrigeration Piping	0%	15 days	Tue 11/22/16	Mon 12/12/16
638		Utility Drops to Hose Stations and Sinks	0%	30 days	Mon 11/21/16	Fri 12/30/16
639		Pour Slab	0%	7 days	Mon 12/5/16	Tue 12/13/16
640		Terminations to Refrigeration Equipment	0%	10 days	Tue 12/13/16	Mon 12/26/16
641		Refrigeration Insulation	0%	15 days	Tue 12/13/16	Mon 1/2/17
642		Set IMP Walls to Slab	0%	20 days	Wed 12/14/16	Tue 1/10/17
643		Flooring	0%	15 days	Wed 12/21/16	Tue 1/10/17
644		Install Power Drops for Outlets	0%	10 days	Wed 12/28/16	Tue 1/10/17
645		Pour Concrete Curbs	0%	15 days	Wed 1/4/17	Tue 1/24/17
646		Install Doors	0%	10 days	Wed 1/4/17	Tue 1/17/17
647		Door Power and Controls	0%	12 days	Wed 1/4/17	Thu 1/19/17
648		Ready for Equipment Installation	0%	0 days	Tue 1/10/17	Tue 1/10/17
649		**Kitchen / Tray Wash (Blue Area)**	**0%**	**117.5 days**	**Thu 9/15/16**	**Mon 2/27/17**
650		Joist Reinforcing	0%	25 days	Thu 9/15/16	Mon 10/31/16
651		Sawcut and Demo Slabs	0%	15 days	Mon 10/10/16	Mon 10/31/16
652		Install UG Plumbing	0%	30 days	Mon 10/31/16	Mon 12/12/16
653		Repair Underfloor Venting System	0%	10 days	Mon 10/31/16	Mon 11/14/16
654		Install Utility Pipe Hangers	0%	10 days	Mon 10/31/16	Mon 11/14/16
655		Electrical Rough-In	0%	8 wks	Mon 10/31/16	Mon 12/26/16
656		Install IMP Ceiling Hangers	0%	20 days	Mon 10/31/16	Mon 11/28/16
657		Pour Sub Slab	0%	5 days	Mon 11/14/16	Mon 11/21/16
658		Stuff Utility Pipe in Racks	0%	10 days	Mon 11/14/16	Mon 11/28/16
659		Set IMP Ceiling	0%	30 days	Mon 11/28/16	Mon 1/9/17
660		Set Floor Drains	0%	15 days	Mon 12/12/16	Mon 1/2/17
661		Install IMP Walls	0%	20 days	Mon 12/19/16	Mon 1/16/17
662		Pour Concrete Curbs	0%	15 days	Mon 1/2/17	Mon 1/23/17
663		Utility Drops to Hose Stations and Sinks	0%	40 days	Mon 1/2/17	Mon 2/27/17
664		Pour Slab	0%	5 days	Mon 1/9/17	Mon 1/16/17
665		Set Refrigeration Units	0%	10 days	Mon 1/9/17	Mon 1/23/17
666		Lighting	0%	20 days	Mon 1/9/17	Mon 2/6/17
667		Install Sprinkler Heads	0%	15 days	Mon 1/9/17	Mon 1/30/17
668		Fire Alarm	0%	20 days	Mon 1/9/17	Mon 2/6/17
669		Install Doors	0%	25 days	Mon 1/9/17	Mon 2/13/17
670		Install Power Drops for Outlets	0%	15 days	Mon 1/16/17	Mon 2/6/17
671		Terminations to Refrigeration Equipment	0%	10 days	Mon 1/16/17	Mon 1/30/17
672		Refrigeration Piping	0%	10 days	Mon 1/23/17	Mon 2/6/17
673		Flooring	0%	15 days	Wed 1/25/17	Wed 2/15/17
674		Door Power and Controls	0%	15 days	Mon 1/30/17	Mon 2/20/17
675		Refrigeration Insulation	0%	10 days	Mon 2/6/17	Mon 2/20/17
676		Ready for Equipment Installation	0%	0 days	Wed 2/15/17	Wed 2/15/17

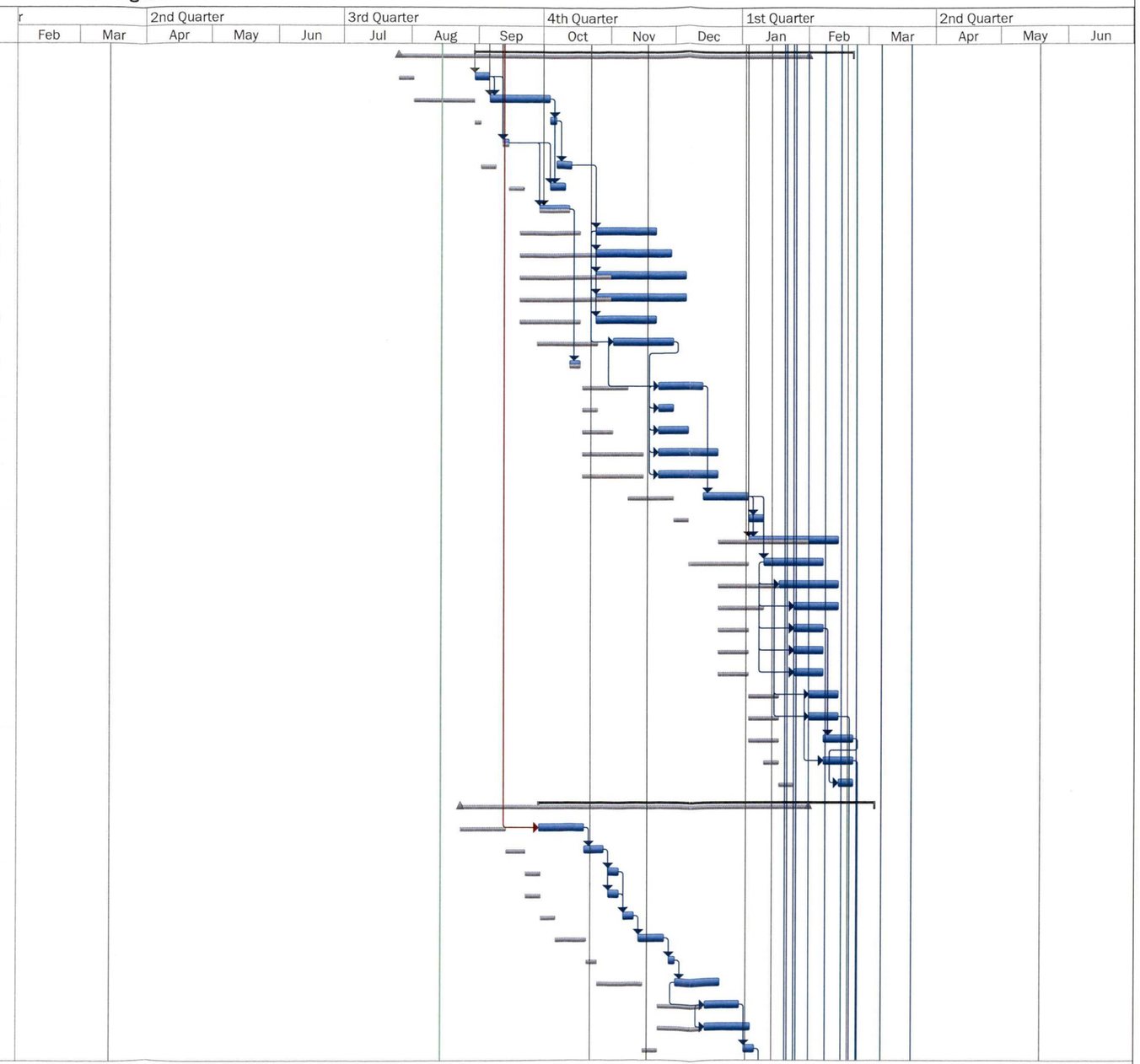


Project: 05783 - Blue Apron Prelim
Date: Mon 8/15/16

Task | Split | Milestone | Summary | Project Summary | External Tasks | External Milestone | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | Deadline | Critical | Critical Split | Late | Baseline | Baseline Milestone | Baseline Summary | Progress

05783 - Blue Apron Fulfillment Center
Construction Schedule
12 August 2016

ID	Task Mode	Task Name	% Complete	Duration	Start	Finish
677		**Office Area (White Area)**	**0%**	**126 days**	**Tue 8/30/16**	**Tue 2/21/17**
678		Sawcut and Demo Concrete Floor	0%	5 days	Tue 8/30/16	Mon 9/5/16
679		Install UG Plumbing	0%	20 days	Tue 9/6/16	Mon 10/3/16
680		Set Floor Drains	0%	3 days	Tue 10/4/16	Thu 10/6/16
681		Pour Mezzanine Foundations	0%	3 days	Mon 9/12/16	Wed 9/14/16
682		Pour Slab	0%	5 days	Fri 10/7/16	Thu 10/13/16
683		Repair Underfloor Venting System	0%	5 days	Tue 10/4/16	Mon 10/10/16
684		Set Mezzanine Steel	0%	10 days	Thu 9/29/16	Wed 10/12/16
685		Masonry	0%	20 days	Tue 10/25/16	Mon 11/21/16
686		Rough-In HVAC	0%	25 days	Tue 10/25/16	Mon 11/28/16
687		Rough-In Utility Piping	0%	30 days	Tue 10/25/16	Mon 12/5/16
688		Rough-In Overhead Electrical	0%	30 days	Tue 10/25/16	Mon 12/5/16
689		Fire Protection Rough-In	0%	20 days	Tue 10/25/16	Mon 11/21/16
690		Drywall Studs	0%	20 days	Wed 11/2/16	Tue 11/29/16
691		Pour Mezzanine Slab	0%	3 days	Thu 10/13/16	Mon 10/17/16
692		Hang Drywall	0%	15 days	Wed 11/23/16	Tue 12/13/16
693		Install Hollow Metal Door Frames	0%	5 days	Wed 11/23/16	Tue 11/29/16
694		Install Storefront Windows	0%	10 days	Wed 11/23/16	Tue 12/6/16
695		Install Electrical in Walls	0%	20 days	Wed 11/23/16	Tue 12/20/16
696		Install Plumbing in Walls	0%	20 days	Wed 11/23/16	Tue 12/20/16
697		Tape and Mud Drywall	0%	15 days	Wed 12/14/16	Tue 1/3/17
698		Install Pass-Thru Windows	0%	5 days	Wed 1/4/17	Tue 1/10/17
699		Elevator	0%	30 days	Wed 1/4/17	Tue 2/14/17
700		Paint	0%	20 days	Wed 1/11/17	Tue 2/7/17
701		Install ACT Grid	0%	20 days	Wed 1/18/17	Tue 2/14/17
702		Flooring	0%	15 days	Wed 1/25/17	Tue 2/14/17
703		Install Plumbing Fixtures	0%	10 days	Wed 1/25/17	Tue 2/7/17
704		Install Lockers	0%	10 days	Wed 1/25/17	Tue 2/7/17
705		Millwork	0%	10 days	Wed 1/25/17	Tue 2/7/17
706		Lighting	0%	10 days	Wed 2/1/17	Tue 2/14/17
707		Install Fire Protection Heads	0%	10 days	Wed 2/1/17	Tue 2/14/17
708		Install Bathroom Partitions	0%	10 days	Wed 2/8/17	Tue 2/21/17
709		Install Ceiling Tiles	0%	10 days	Wed 2/8/17	Tue 2/21/17
710		Install Toilet Accessories	0%	5 days	Wed 2/15/17	Tue 2/21/17
711		Storage Freezer / Corrugate Storage (Red Phase)	**0%**	**112 days**	**Thu 9/29/16**	**Fri 3/3/17**
712		Joist Reinforcing	0%	15 days	Thu 9/29/16	Wed 10/19/16
713		Sawcut and Demo Slabs	0%	7 days	Thu 10/20/16	Fri 10/28/16
714		Install Column Blocks	0%	5 days	Mon 10/31/16	Fri 11/4/16
715		Install UG Plumbing	0%	5 days	Mon 10/31/16	Fri 11/4/16
716		Repair Underfloor Venting System	0%	5 days	Mon 11/7/16	Fri 11/11/16
717		Install Underfloor Heating	0%	10 days	Mon 11/14/16	Fri 11/25/16
718		Pour Sub Slab	0%	3 days	Mon 11/28/16	Wed 11/30/16
719		Install IMP Wall to Sub Slab	0%	15 days	Thu 12/1/16	Wed 12/21/16
720		Install IMP Ceiling	0%	12 days	Thu 12/15/16	Fri 12/30/16
721		Power Rough-In	0%	15 days	Thu 12/15/16	Wed 1/4/17
722		Pour Slabs	0%	5 days	Mon 1/2/17	Fri 1/6/17



Project: 05783 - Blue Apron Prelim
Date: Mon 8/15/16

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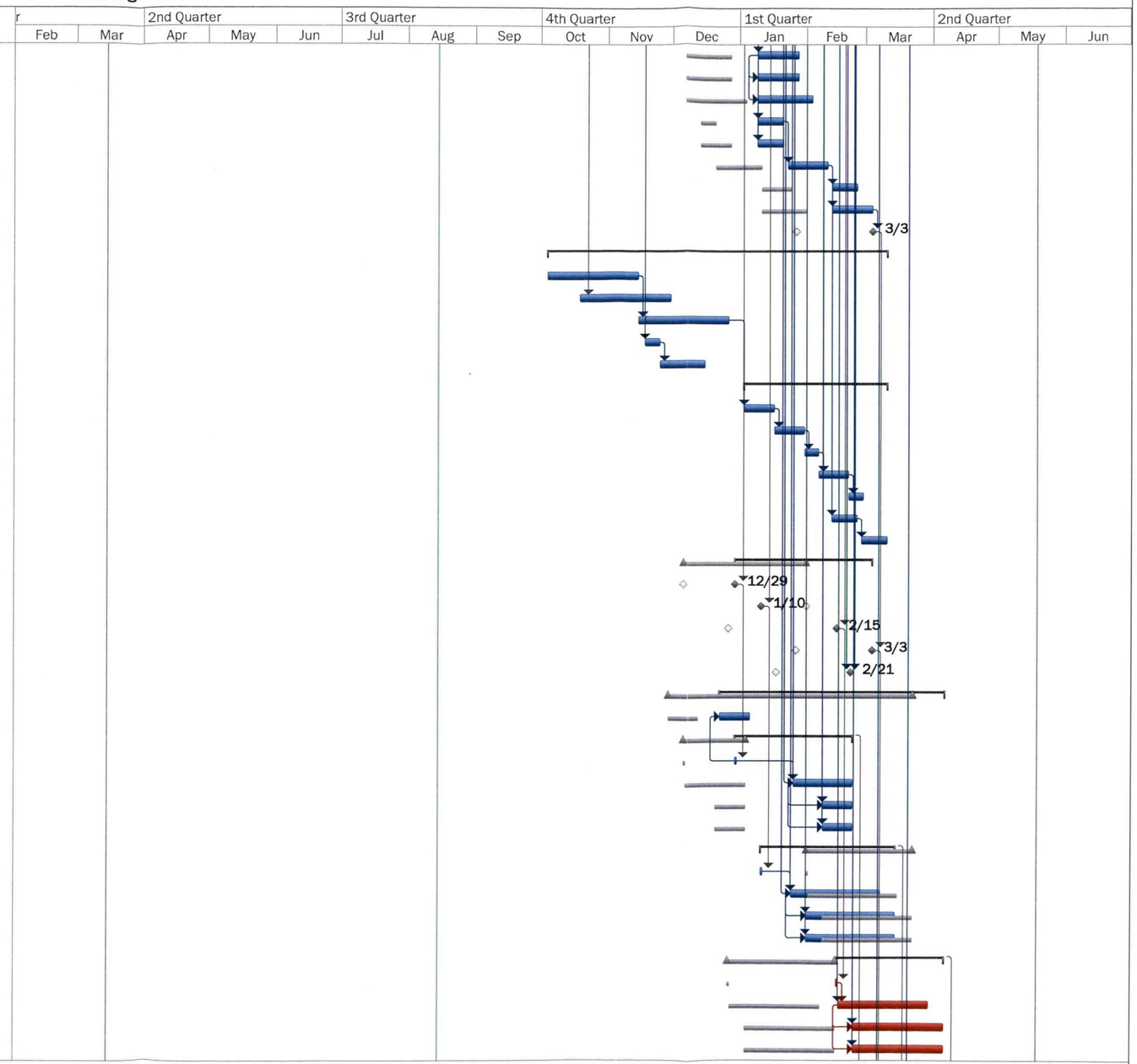
05783 - Blue Apron Fulfillment Center
Construction Schedule
12 August 2016

ID	Task Mode	Task Name	% Complete	Duration	Start	Finish
723		Lighting	0%	15 days	Mon 1/9/17	Fri 1/27/17
724		Install Sprinkler Heads	0%	15 days	Mon 1/9/17	Fri 1/27/17
725		Fire Alarm	0%	20 days	Mon 1/9/17	Fri 2/3/17
726		Set Refrigeration Units	0%	10 days	Mon 1/9/17	Fri 1/20/17
727		Install Power Drops for Outlets	0%	10 days	Mon 1/9/17	Fri 1/20/17
728		Refrigeration Piping	0%	15 days	Mon 1/23/17	Fri 2/10/17
729		Terminations to Refrigeration Equipment	0%	10 days	Mon 2/13/17	Fri 2/24/17
730		Refrigeration Insulation	0%	15 days	Mon 2/13/17	Fri 3/3/17
731		Ready for Rack Installation	0%	0 days	Fri 3/3/17	Fri 3/3/17
732		**Exterior Refrigeration Work**	**0%**	**114 days**	**Tue 10/4/16**	**Fri 3/10/17**
733		Install Roof Stands and Header Piping	0%	6 wks	Tue 10/4/16	Mon 11/14/16
734		Set and Pipe Freezer Equipment	0%	6 wks	Wed 10/19/16	Tue 11/29/16
735		Install Roof Stands and Branch Piping for AHUs	0%	6 wks	Tue 11/15/16	Mon 12/26/16
736		Set Skid on South Side of Building	0%	1 wk	Fri 11/18/16	Thu 11/24/16
737		Install Piping to Skid	0%	3 wks	Fri 11/25/16	Thu 12/15/16
738		**Refrigeration Equipment Startup**	**0%**	**49 days**	**Tue 1/3/17**	**Fri 3/10/17**
739		Test and Flush Piping	0%	2 wks	Tue 1/3/17	Mon 1/16/17
740		Power, Controls, Life Safety Checkout	0%	2 wks	Tue 1/17/17	Mon 1/30/17
741		Skid Startup	0%	1 wk	Tue 1/31/17	Mon 2/6/17
742		AHU Checkout and Startup	0%	2 wks	Tue 2/7/17	Mon 2/20/17
743		Building Pull-Down	0%	1 wk	Tue 2/21/17	Mon 2/27/17
744		Freezer System Startup	0%	2 wks	Mon 2/13/17	Fri 2/24/17
745		Freezer Pull-Down	0%	2 wks	Mon 2/27/17	Fri 3/10/17
746		**Ready for Equipment Installation**	**0%**	**46 days**	**Thu 12/29/16**	**Fri 3/3/17**
747		Area 1 (Receiving Dock / Coolers)	0%	0 days	Thu 12/29/16	Thu 12/29/16
748		Area 2 (Packaging / Shipping Dock)	0%	0 days	Tue 1/10/17	Tue 1/10/17
749		Area 3 (Kitchen / Tray Wash)	0%	0 days	Wed 2/15/17	Wed 2/15/17
750		Area 4 (Freezer / Corrugate Storage)	0%	0 days	Fri 3/3/17	Fri 3/3/17
751		Office Area (Ready fo Occupancy)	0%	0 days	Tue 2/21/17	Tue 2/21/17
752		**Process Construction**	**0%**	**74.5 days**	**Fri 12/23/16**	**Thu 4/6/17**
753		Mobilize	0%	2 wks	Fri 12/23/16	Thu 1/5/17
754		**Receiving / Coolers / Dry / Re-Pack**	**0%**	**39 days**	**Fri 12/30/16**	**Wed 2/22/17**
755		Area Ready	0%	1 day	Fri 12/30/16	Fri 12/30/16
756		Equip / Rack Installation	0%	4 wks	Thu 1/26/17	Wed 2/22/17
757		Equip Mechanical Installation	0%	2 wks	Thu 2/9/17	Wed 2/22/17
758		Equip Electrical Installation	0%	2 wks	Thu 2/9/17	Wed 2/22/17
759		**Pack Area / Shipping Dock**	**0%**	**45 days**	**Wed 1/11/17**	**Tue 3/14/17**
760		Area Ready	0%	1 day	Wed 1/11/17	Wed 1/11/17
761		Equip Installation	0%	6 wks	Wed 1/25/17	Tue 3/7/17
762		Equip Mechanical Installation	0%	6 wks	Wed 2/1/17	Tue 3/14/17
763		Equip Electrical Installation	0%	6 wks	Wed 2/1/17	Tue 3/14/17
764		**Kitchen / Prep Area / Sanitation**	**0%**	**36 days**	**Wed 2/15/17**	**Thu 4/6/17**
765		Area Ready	0%	1 day	Wed 2/15/17	Thu 2/16/17
766		Equip Installation	0%	6 wks	Thu 2/16/17	Thu 3/30/17
767		Equip Mechanical Installation	0%	6 wks	Thu 2/23/17	Thu 4/6/17
768		Equip Electrical Installation	0%	6 wks	Thu 2/23/17	Thu 4/6/17



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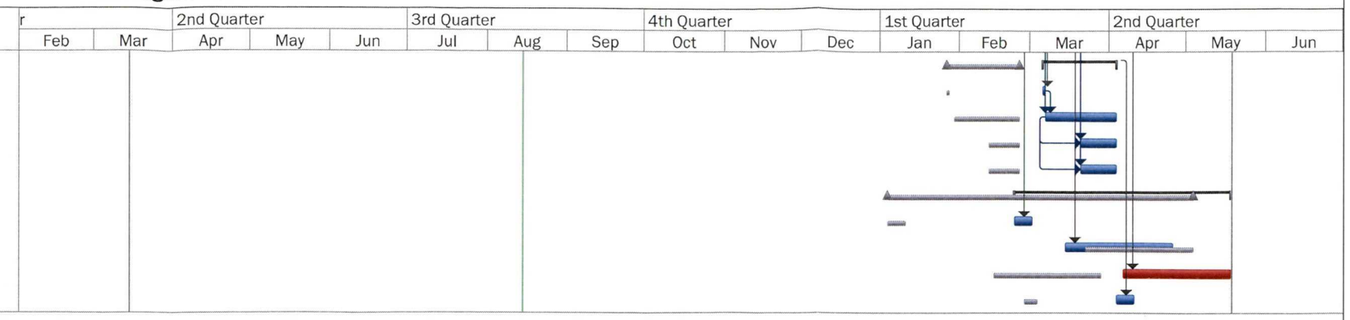
05783 - Blue Apron Fulfillment Center
Construction Schedule
12 August 2016

ID	Task Mode	Task Name	% Complete	Duration	Start	Finish
769		**Freezer / Dry Storage Area**	**0%**	**21 days**	**Mon 3/6/17**	**Mon 4/3/17**
770		Area Ready	0%	1 day	Mon 3/6/17	Mon 3/6/17
771		Equip Installation	0%	4 wks	Tue 3/7/17	Mon 4/3/17
772		Equip Mechanical Installation	0%	2 wks	Tue 3/21/17	Mon 4/3/17
773		Equip Electrical Installation	0%	2 wks	Tue 3/21/17	Mon 4/3/17
774		**Start - Up / Commissioning**	**0%**	**60.5 days**	**Thu 2/23/17**	**Thu 5/18/17**
775		Receiving / Coolers / Dry / Re-Pack	0%	1 wk	Thu 2/23/17	Wed 3/1/17
776		Pack Area / Shipping Dock	0%	6 wks	Wed 3/15/17	Tue 4/25/17
777		Kitchen / Prep Area / Sanitation	0%	6 wks	Thu 4/6/17	Thu 5/18/17
778		Freezer / Dry Storage Area	0%	1 wk	Tue 4/4/17	Mon 4/10/17



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ATTACHMENT D

Waste Characterization Results

QUARTERLY GROUNDWATER MONITORING
DUKE LINDEN
1016 W. EDGAR ROAD, LINDEN, NJ

TABLE 1

SUMMARY OF WASTE CHARACTERIZATION ANALYTICAL RESULTS (AUGUST 2016 SAMPLING EVENT)

Client ID	NJ Higher of	**DUK059:WC-W1:W082416**		
Lab Sample ID	PQLs and GW	460-119091-1		
Sampling Date	Quality	08/24/2016 12:45:00		
Matrix	Criterion	Water		
Dilution Factor	2015	1		
Unit	ug/l	ug/l		
VOA-8260C-WATER		Result	Q	MDL
WATER BY 8260C				
1,1,1-Trichloroethane	30	0.28	U	0.28
1,1,2,2-Tetrachloroethane	1	0.19	U	0.19
1,1,2-Trichloroethane	3	0.08	U	0.08
1,1-Dichloroethane	50	0.24	U	0.24
1,1-Dichloroethene	1	0.34	U	0.34
1,2,4-Trichlorobenzene	9	0.27	U	0.27
1,2-Dibromo-3-Chloropropane	0.02	0.23	U	0.23
1,2-Dibromoethane	0.03	0.19	U	0.19
1,2-Dichlorobenzene	600	0.91	J	0.22
1,2-Dichloroethane	2	1		0.25
1,2-Dichloropropane	1	0.18	U	0.18
1,3-Dichlorobenzene	600	0.33	U	0.33
1,4-Dichlorobenzene	75	0.33	U	0.33
2-Butanone	300	3.2	J	2.2
2-Hexanone	300	0.72	U	0.72
4-Methyl-2-pentanone	NA	5.8		0.63
Acetone	6000	28		1.1
Benzene	1	0.29	J	0.09
Bromodichloromethane	1	0.15	U	0.15
Bromoform	4	0.18	U	0.18
Bromomethane	10	0.18	U	0.18
Carbon disulfide	700	0.22	U	0.22
Carbon tetrachloride	1	0.33	U	0.33
Chlorobenzene	50	0.24	U	0.24
Chloroethane	5	0.37	U	0.37
Chloroform	70	0.85	J	0.22
Chloromethane	NA	0.22	U	0.22
cis-1,2-Dichloroethene	70	1.6		0.26
cis-1,3-Dichloropropene	NA	0.16	U	0.16
Cyclohexane	NA	1.2		0.26
Dibromochloromethane	1	0.22	U	0.22
Dichlorodifluoromethane	1000	0.14	U	0.14
Ethylbenzene	700	0.83	J	0.3
Freon TF	20000	0.34	U	0.34
Isopropylbenzene	700	0.33	J	0.32
Methyl acetate	7000	0.58	U	0.58
Methylcyclohexane	NA	0.47	J	0.22
Methylene Chloride	3	0.49	J	0.21
MTBE	70	0.13	U	0.13
Styrene	100	0.17	U	0.17
Tetrachloroethene	1	**1.4**		0.12
Toluene	600	0.58	J	0.25
trans-1,2-Dichloroethene	100	0.44	J	0.18
trans-1,3-Dichloropropene	NA	0.19	U	0.19
Trichloroethene	1	**4.7**		0.22
Trichlorofluoromethane	2000	0.15	U	0.15
Vinyl chloride	1	0.33	J	0.06
Xylenes, Total	1000	5.4		0.28
Total Conc	NA	57.82		

Highlighted Concentrations shown in bold type face exceed limits
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U : Indicates the analyte was analyzed for but not detected.
X : Surrogate is outside control limits

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SUMMARY OF ANALYTICAL RESULTS: 460-115835-1
Job Description: Duke Linden NJ
For:
1016 W. Edgar Road
Linden, NJ

Client ID	NJ Higher of	**DUK059:WC-4:W062216**		
Lab Sample ID	PQLs and GW	460-115835-1		
Sampling Date	Quality	06/22/2016 12:20:00		
Matrix	Criterion	Water		
Dilution Factor	2015	1		
Unit	ug/l	ug/l		
VOA-8260C-WATER		Result	Q	MDL
WATER BY 8260C				
1,1,1-Trichloroethane	30	0.28	U	0.28
1,1,2,2-Tetrachloroethane	1	0.19	U	0.19
1,1,2-Trichloroethane	3	0.08	U	0.08
1,1-Dichloroethane	50	0.24	U	0.24
1,1-Dichloroethene	1	0.34	U	0.34
1,2,4-Trichlorobenzene	9	0.27	U	0.27
1,2-Dibromo-3-Chloropropane	0.02	0.23	U	0.23
1,2-Dibromoethane	0.03	0.19	U	0.19
1,2-Dichlorobenzene	600	0.22	U	0.22
1,2-Dichloroethane	2	0.35	J	0.25
1,2-Dichloropropane	1	0.18	U	0.18
1,3-Dichlorobenzene	600	0.33	U	0.33
1,4-Dichlorobenzene	75	0.33	U	0.33
2-Butanone	300	2.2	U	2.2
2-Hexanone	300	0.72	U	0.72
4-Methyl-2-pentanone	NA	0.63	U	0.63
Acetone	6000	12		1.1
Benzene	1	0.09	U	0.09
Bromodichloromethane	1	0.15	U	0.15
Bromoform	4	0.18	U	0.18
Bromomethane	10	0.18	U	0.18
Carbon disulfide	700	0.22	U	0.22
Carbon tetrachloride	1	0.33	U	0.33
Chlorobenzene	50	0.24	U	0.24
Chloroethane	5	0.37	U	0.37
Chloroform	70	0.22	U	0.22
Chloromethane	NA	0.22	U	0.22
cis-1,2-Dichloroethene	70	1.2		0.26
cis-1,3-Dichloropropene	NA	0.16	U	0.16
Cyclohexane	NA	0.26	U	0.26
Dibromochloromethane	1	0.22	U	0.22
Dichlorodifluoromethane	1000	0.14	U	0.14
Ethylbenzene	700	0.3	U	0.3
Freon TF	20000	0.34	U	0.34
Isopropylbenzene	700	0.32	U	0.32
Methyl acetate	7000	0.58	U	0.58
Methylcyclohexane	NA	0.22	U	0.22
Methylene Chloride	3	0.21	U	0.21
MTBE	70	0.13	U	0.13
Styrene	100	0.17	U	0.17
Tetrachloroethene	1	0.12	U	0.12
Toluene	600	0.25	U	0.25
trans-1,2-Dichloroethene	100	0.18	U	0.18
trans-1,3-Dichloropropene	NA	0.19	U	0.19
Trichloroethene	1	0.8	J	0.22
Trichlorofluoromethane	2000	0.15	U	0.15
Vinyl chloride	1	0.06	U	0.06
Xylenes, Total	1000	0.28	U	0.28
Total Conc	NA	14.35		

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U : Indicates the analyte was analyzed for but not detected.
X : Surrogate is outside control limits

Waste Characterization Results
May 2016 Purge Water
May 2016 Well Decommissioning

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SUMMARY OF ANALYTICAL RESULTS: 460-114552-1
Job Description: Duke Linden NJ May 2016 Retail Area
For:
Former GM Linden Site
1016 W. Edgar Road
Linden, NJ

Client ID	NJ Higher of	DUK059:WC-W1:W052716			DUK059:WC-DRUMS:W052716		
Lab Sample ID	PQLs and GW	460-114552-1			460-114552-2		
Sampling Date	Quality	05/27/2016 11:05:00			05/27/2016 11:10:00		
Matrix	Criterion	Water			Water		
Dilution Factor	2015	1			1		
Unit	ug/l	ug/l			ug/l		
VOA-8260C-WATER		Result	Q	MDL	Result	Q	MDL
WATER BY 8260C							
1,1,1-Trichloroethane	30	0.28	U	0.28	0.28	U	0.28
1,1,2,2-Tetrachloroethane	1	0.19	U	0.19	0.19	U	0.19
1,1,2-Trichloroethane	3	0.08	U	0.08	0.25	J	0.08
1,1-Dichloroethane	50	0.24	U	0.24	0.24	U	0.24
1,1-Dichloroethene	1	0.34	U	0.34	0.51	J	0.34
1,2,4-Trichlorobenzene	9	0.27	U	0.27	0.27	U	0.27
1,2-Dibromo-3-Chloropropane	0.02	0.23	U	0.23	0.23	U	0.23
1,2-Dibromoethane	0.03	0.19	U	0.19	0.19	U	0.19
1,2-Dichlorobenzene	600	0.78	J	0.22	0.22	U	0.22
1,2-Dichloroethane	2	0.35	J	0.25	**24**		0.25
1,2-Dichloropropane	1	0.18	U	0.18	0.18	U	0.18
1,3-Dichlorobenzene	600	0.33	U	0.33	0.33	U	0.33
1,4-Dichlorobenzene	75	0.33	U	0.33	0.33	U	0.33
2-Butanone	300	4.8	J	2.2	2.2	U	2.2
2-Hexanone	300	0.72	U	0.72	0.72	U	0.72
4-Methyl-2-pentanone	NA	20		0.63	0.63	U	0.63
Acetone	6000	22		1.1	23		1.1
Benzene	1	**13**		0.09	**4.8**		0.09
Bromodichloromethane	1	0.15	U	0.15	0.15	U	0.15
Bromoform	4	0.18	U *	0.18	0.18	U *	0.18
Bromomethane	10	0.18	U	0.18	0.18	U	0.18
Carbon disulfide	700	0.22	U	0.22	0.22	U	0.22
Carbon tetrachloride	1	0.33	U	0.33	0.33	U	0.33
Chlorobenzene	50	0.39	J	0.24	5.7		0.24
Chloroethane	5	0.37	U	0.37	0.37	U	0.37
Chloroform	70	0.22	U	0.22	0.71	J	0.22
Chloromethane	NA	0.22	U	0.22	0.22	U	0.22
cis-1,2-Dichloroethene	70	1.3		0.26	**220**		0.26
cis-1,3-Dichloropropene	NA	0.16	U	0.16	0.16	U	0.16
Cyclohexane	NA	6.5		0.26	0.26	U	0.26
Dibromochloromethane	1	0.22	U	0.22	0.22	U	0.22
Dichlorodifluoromethane	1000	0.14	U	0.14	0.14	U	0.14
Ethylbenzene	700	20		0.3	0.3	U	0.3
Freon TF	20000	0.34	U	0.34	0.34	U	0.34
Isopropylbenzene	700	1.8		0.32	0.32	U	0.32
Methyl acetate	7000	0.58	U	0.58	0.58	U	0.58
Methylcyclohexane	NA	1.9		0.22	0.22	U	0.22
Methylene Chloride	3	0.4	J	0.21	0.21	U	0.21
MTBE	70	0.13	U	0.13	0.2	J	0.13
Styrene	100	0.17	U	0.17	0.17	U	0.17
Tetrachloroethene	1	1.3		0.12	0.34	J	0.12
Toluene	600	77		0.25	0.38	J	0.25
trans-1,2-Dichloroethene	100	0.92	J	0.18	5.5		0.18
trans-1,3-Dichloropropene	NA	0.19	U	0.19	0.19	U	0.19
Trichloroethene	1	**2.4**		0.22	14		0.22
Trichlorofluoromethane	2000	0.15	U	0.15	0.15	U	0.15
Vinyl chloride	1	0.54	J	0.06	1.1		0.06
Xylenes, Total	1000	90		0.28	0.28	U	0.28
Total Conc	NA	265.38			300.49		

Highlighted Concentrations shown in bold type face exceed limits
* : LCS or LCSD is outside acceptance limits.
J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U : Indicates the analyte was analyzed for but not detected.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SUMMARY OF ANALYTICAL RESULTS: 460-115835-1
Job Description: Duke Linden NJ June 2016 Industrial Area
For:
Former GM Linden Site
1016 Edgar Road
Linden, New Jersey

Client ID	NJ Higher of	**DUK059:WC-4:W062216**		
Lab Sample ID	PQLs and GW	460-115835-1		
Sampling Date	Quality	06/22/2016 12:20:00		
Matrix	Criterion	Water		
Dilution Factor	2015	1		
Unit	ug/l	ug/l		
VOA-8260C-WATER		Result	Q	MDL
WATER BY 8260C				
1,1,1-Trichloroethane	30	0.28	U	0.28
1,1,2,2-Tetrachloroethane	1	0.19	U	0.19
1,1,2-Trichloroethane	3	0.08	U	0.08
1,1-Dichloroethane	50	0.24	U	0.24
1,1-Dichloroethene	1	0.34	U	0.34
1,2,4-Trichlorobenzene	9	0.27	U	0.27
1,2-Dibromo-3-Chloropropane	0.02	0.23	U	0.23
1,2-Dibromoethane	0.03	0.19	U	0.19
1,2-Dichlorobenzene	600	0.22	U	0.22
1,2-Dichloroethane	2	0.35	J	0.25
1,2-Dichloropropane	1	0.18	U	0.18
1,3-Dichlorobenzene	600	0.33	U	0.33
1,4-Dichlorobenzene	75	0.33	U	0.33
2-Butanone	300	2.2	U	2.2
2-Hexanone	300	0.72	U	0.72
4-Methyl-2-pentanone	NA	0.63	U	0.63
Acetone	6000	12		1.1
Benzene	1	0.09	U	0.09
Bromodichloromethane	1	0.15	U	0.15
Bromoform	4	0.18	U	0.18
Bromomethane	10	0.18	U	0.18
Carbon disulfide	700	0.22	U	0.22
Carbon tetrachloride	1	0.33	U	0.33
Chlorobenzene	50	0.24	U	0.24
Chloroethane	5	0.37	U	0.37
Chloroform	70	0.22	U	0.22
Chloromethane	NA	0.22	U	0.22
cis-1,2-Dichloroethene	70	1.2		0.26
cis-1,3-Dichloropropene	NA	0.16	U	0.16
Cyclohexane	NA	0.26	U	0.26
Dibromochloromethane	1	0.22	U	0.22
Dichlorodifluoromethane	1000	0.14	U	0.14
Ethylbenzene	700	0.3	U	0.3
Freon TF	20000	0.34	U	0.34
Isopropylbenzene	700	0.32	U	0.32
Methyl acetate	7000	0.58	U	0.58
Methylcyclohexane	NA	0.22	U	0.22
Methylene Chloride	3	0.21	U	0.21
MTBE	70	0.13	U	0.13
Styrene	100	0.17	U	0.17
Tetrachloroethene	1	0.12	U	0.12
Toluene	600	0.25	U	0.25
trans-1,2-Dichloroethene	100	0.18	U	0.18
trans-1,3-Dichloropropene	NA	0.19	U	0.19
Trichloroethene	1	0.8	J	0.22
Trichlorofluoromethane	2000	0.15	U	0.15
Vinyl chloride	1	0.06	U	0.06
Xylenes, Total	1000	0.28	U	0.28
Total Conc	NA	14.35		

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U : Indicates the analyte was analyzed for but not detected.
X : Surrogate is outside control limits

ATTACHMENT E

Waste Manifest

LINDEN LINDEN, LLC SITE (FORMER GM LINDEN ASSEMBLY PLANT) 1016 WEST EDGAR ROAD, LINDEN, NJ
QUARTERLY REPORT NO.28 - INDUSTRIAL #1 DEVELOPMENT AREA
TABLE E-1
SUMMARY OF WASTE DISPOSAL INFORMATION

Source	Waste Description	Volume	Disposal Dates	Manifest Numbers	Disposal Facility
Demolition of concrete slab near former P-7 building column line	Solid (concrete pieces) with PCBs ranging from 0 to 7.5 mg/kg. Managed as concrete construction debris with low PCB concentrations.	61.98 tons	3/27/2012	12162-1 12161-2 12162-3 12162-4	TLA- Newark LLC Transfer Station/MRF 91A Bay Ave. Newark, NJ 973.274.1818
			4/18/2012	11972 11973	Tunnel Hill Reclamation Landfill 2500 Township Rd. 205, Rt.2 New Lexington, OH 43764 740.342.1180
Demolition of concrete slab near former K-18 building column line	Solid (concrete pieces) with PCBs ranging from 0 to 105 mg/kg. Managed as PCB remediation waste; B007 waste code	7,512 kg (8.28 tons)	4/9/2012	007744116 JJK	CWM Model City Facility 1550 Balmer Road Model City, NY 14107
Soil Cuttings form Installation of MW-98S and MW-98D	Drill Soil Cuttings	4 drums (approx.1.2 tons)	8/19/2015	14231-1	Waste Recovery Solutions, Inc. 343 King Street Myerstown, PA 17067 717.866.9955
MW-98S and MW-98D Development and Purge Water	Development and Purge Water	2 (drums) 110 gallons	8/19/2015	14231-1	
Soil Cuttings form Installation of MW-17S, MW-56D and MW-98B	Drill Soil Cuttings	19 drums (approx. 4.8 tons)	12/31/2015	14231-2	
Development water from installation of MW-17S, MW-56D and MW-98B and purge water from November 2015 groundwater sampling event	Development and Purge Water	4 drums 220 gallons	12/31/2015	14231-2	

LINDEN LINDEN, LLC SITE (FORMER GM LINDEN ASSEMBLY PLANT) 1016 WEST EDGAR ROAD, LINDEN, NJ
QUARTERLY REPORT NO.28 - INDUSTRIAL #1 DEVELOPMENT AREA
TABLE E-1
SUMMARY OF WASTE DISPOSAL INFORMATION

Source	Waste Description	Volume	Disposal Dates	Manifest Numbers	Disposal Facility
Installation of replacement wells MW-21RS, MW-25RS, MW-50RS	Drill Soil Cuttings	5 drums	8/8/2016	14848-1	MXI Environmental, Inc. 26319 Old Trail Road Abingdon, VA 24210 276-628-6636
Development water from installation of MW-21RS, MW-25RS, and MW-50RS and purge water from June 2016 groundwater sampling event	Development and Purge Water	2 drums	8/8/2016	14848-1	
Well decommissioning activities	Water and grout	9 drums	8/8/2016	14848-1	

1441972

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: Not Required
2. Page 1 of 1
3. Emergency Response Phone: 732-613-1660
4. Waste Tracking Number: 14848-1

5. Generator's Name and Mailing Address
Duke Linden, LLC
111 South Calvert Street, Suite 1805
Baltimore, MD 21202
Generator's Phone: 410-843-0700

Generator's Site Address (if different than mailing address)
1060 West Edgar Road
Linden, NJ 07036

6. Transporter 1 Company Name: Maumee Express, Inc.
U.S. EPA ID Number: NJD986607380

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
MXI Environmental, Inc
26319 Old Trail Road
Abingdon, VA 24210
Facility's Phone: 276-628-6636
U.S. EPA ID Number: VAR000503920

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non RCRA Non DOT Liquids	11	DM	550	G	550
2.	Non RCRA Non DOT Liquids		DM		G	
3.	Non RCRA Non DOT Solids	5	DM	2000	P	2000
4.						

13. Special Handling Instructions and Additional Information
Purge Water, 100%, L
Water & Grout 100%, L
Soil Cuttings 80-100, Water 0-20%, S

AWT P.O. # 14848-JLH

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Ray Kennedy Agent on behalf of Duke Linden LLC
Signature: Ray Kennedy
Month 8 Day 8 Year 16

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Michael Anderson
Signature: Michael Anderson
Month 8 Day 8 Year 16

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Craig Potter
Signature:
Month Day Year 15 16

169-BLC-D 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

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