

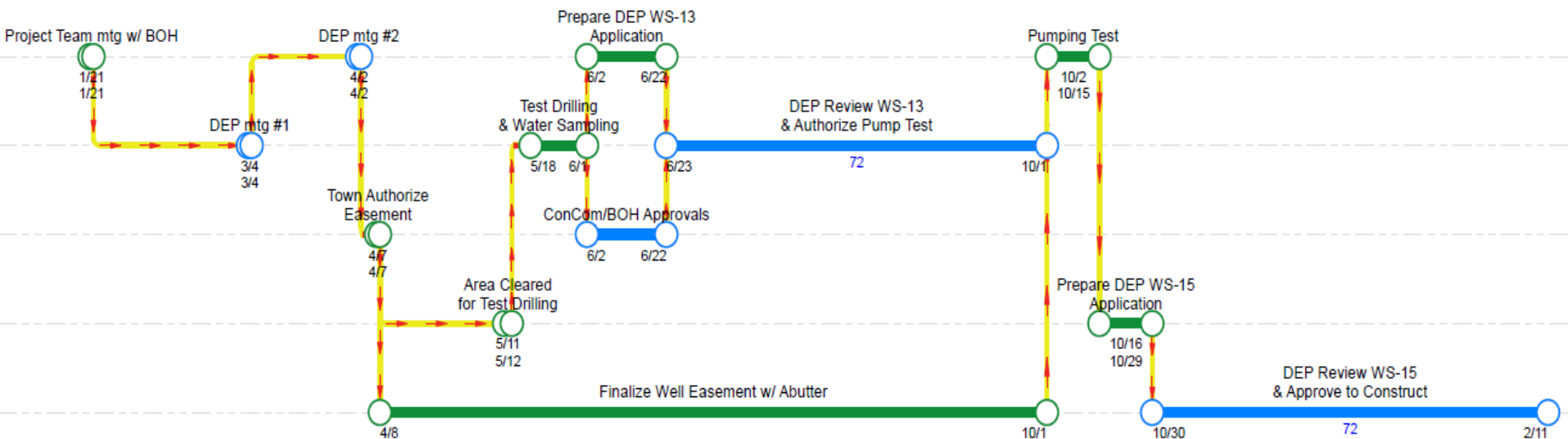
# Carver Elementary School



Carver School Building Committee Meeting  
May 18<sup>th</sup>, 2015

# Well Update

- Two Weeks Ago - JC Engineering Contract Amended
- Last Week – Path Cleared for Drill Rig
- This Week - Exploratory Drilling
- **DEP WS-13 Application** to Follow (*Approval to Site and Conduct a Pumping Test for a Source less than 70GPM*)

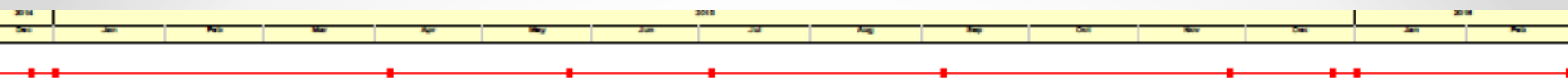


# MSBA FAS Recap

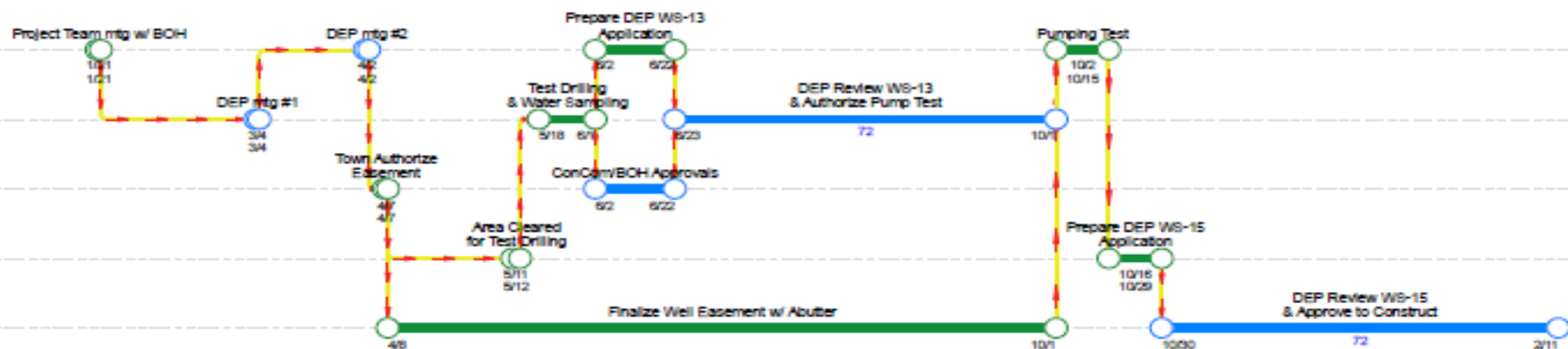
- Educational Program
  - Expand on Science, Social Studies, Writing and Arts Programs
  - Update as Necessary to Reflect Most Recent Layout
  - Provide Detail Regarding Utilization of Multi-Purpose Room and Cafeteria
- Proposed Layout
  - [Media Center – Demonstrate How to Use as “Learning Commons”](#)
  - Cafeteria / Multipurpose Room
  - Further Develop “Pods” to Demonstrate Flexibility and Gathering Spaces
  - Special Consideration at Handicap Accessible Entrances
- Conceptual Design Detail
- Flexibility for Potential Enrollment Growth
- Pre-Kindergarten Space Needs

# MSBA FAS Recap

- Schedule
  - Provide Updated Schedule Detailing Permitting & Well Activities
- Environmental Concerns
  - Provide a Workplan for Well Easement, Permitting & Installation



## CARVER ELEMENTARY SCHOOL PROJECT NEW PUBLIC WATER SYSTEM WORKPLAN - EXISTING WELLS TO BE DECOMMISSIONED FALL 2016 -



### NEW SOURCE APPROVAL

WS13	Approval To Site Source Under 70 Gals/Min	Presumptive Approval	Fee	Reviewing Office
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Timeline Type	Fee Reg-defined	Timeline Task	Required/Optional	Days Allowed
		AR ADMIN REVIEW	R	34
		ARD ADMIN REVIEW DEFICIENCY	O	60
		AR2 ADMIN REVIEW 2	O	34
		TR TECHNICAL REVIEW	R	48
		TRD TECH REVIEW DEFICIENCY	O	60
		TR2 TECH REVIEW 2	O	48

### NEW SOURCE APPROVAL

WS15	Approval Of Pumping Test Report And Approval To Construct	Presumptive Approval	Fee	Reviewing Office
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Timeline Type	Fee Reg-defined	Timeline Task	Required/Optional	Days Allowed
		AR ADMIN REVIEW	R	34
		ARD ADMIN REVIEW DEFICIENCY	O	60
		AR2 ADMIN REVIEW 2	O	34
		TR TECHNICAL REVIEW	R	48
		TRD TECH REVIEW DEFICIENCY	O	60
		TR2 TECH REVIEW 2	O	48

# Schedule Update

- Updated to Reflect Progress to Date
- Added Well Permitting & Installation Activities
- Added Other Schematic Design / Design Development Phase Permits & Approvals

**NO CHANGE TO PROJECT COMPLETION DATE!**

7



The Gantt chart displays the following tasks and their approximate durations:

- Review/Update Potential Alternatives (Jan 1 - Jan 15)
- SBC Approve Planning Diagrams (Jan 15 - Jan 30)
- Compile PDP Report (Jan 30 - Feb 10)
- Local Actions and Approval Certification for PDP (Feb 10 - Feb 25)
- Submit PDP Report to MSBA (Feb 25 - Mar 5)
- MSBA Review Period (Mar 5 - Mar 20)
- Town Approval of Funding for SD (Mar 20 - Mar 30)
- Meeting with MSBA (Mar 30 - Apr 5)
- Preliminary Development of 3 Options (Apr 5 - Apr 20)
- Update Existing Conditions Evaluation (Apr 20 - May 5)
- SBC Preliminary Options Feedback (May 5 - May 20)
- Green Design Charrette Meeting (May 20 - Jun 5)
- Further Development of 3 Options (Jun 5 - Jun 20)
- Identify High Performance Objectives (Jun 20 - Jul 5)
- Cost Estimate/Budget/Schedule (Jul 5 - Jul 20)
- SBC Selection of Preferred Options (Jul 20 - Aug 5)
- Update Design Program (Aug 5 - Aug 20)
- Development of Preferred Option (Aug 20 - Sep 5)
- Conceptual Building/Site Plans (Sep 5 - Sep 20)
- Preliminary Building Massing Studies (Sep 20 - Oct 5)
- SBC Approve Preferred Option (Oct 5 - Oct 20)
- SBC Approve Cost & Schedule (Oct 20 - Nov 5)
- Local Actions and Approval Certification for PSR (Nov 5 - Nov 20)
- Development of Preferred Schematic Report (PSR) (Nov 20 - Dec 5)
- Compile & Submit PSR (Dec 5 - Dec 20)
- Facilities Assessment Subcommittee (4/29 or 5/13) (Dec 20 - Jan 5)
- MSBA Review Period (Jan 5 - Jan 20)
- MSBA Approval to Proceed to Schematic (6/3/15 Board Target) (Jan 20 - Jan 30)
- Schematic Design (Jan 30 - Feb 10)
- Submit SD for 11/18 MSBA Board Meeting (Feb 10 - Feb 25)
- Facilities Assessment Subcommittee (Possibly N/A) (Feb 25 - Mar 5)
- MSBA Review Period (Mar 5 - Mar 20)
- MSBA Approval of Schematic & Project Scope Budget Agreement (Mar 20 - Mar 30)
- Town Vote (Mar 30 - Apr 5)
- Submit Project Notification Form (PNF) (Apr 5 - Apr 20)
- MHC Review Period (Apr 20 - May 5)
- Conservation Commission Abbreviated Notice of Resource Area Delineation (May 5 - May 20)
- Conservation Commission Request for Determination to Applicability (May 20 - Jun 5)

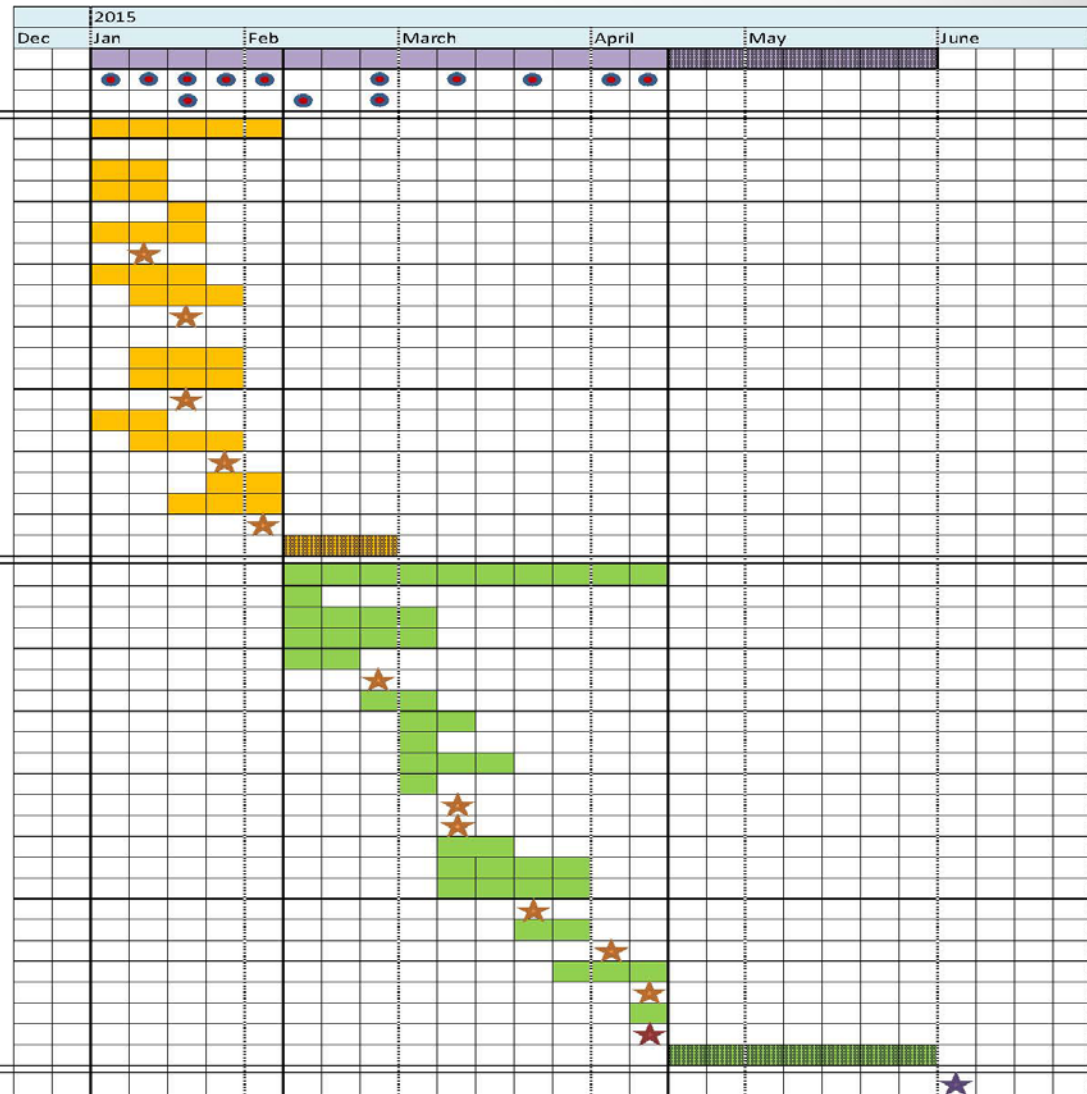


Carver Elementary School Master Schedule			Carver Elementary Master Schedule			18-May-15 11:48																							
Activity ID	Activity Name	Original Duration	Start	Finish																									
A2160	DESE Special Education Program Review	30	13-Aug-15	23-Sep-15	DESE Special Education Program Review																								
Public Water System Permitting		207	21-Jan-15 A	05-Nov-15																									
A1960	Town Department Meeting, Initial Well Discussion w/ BOH & ConCom	1	21-Jan-15 A	21-Jan-15 A	Town Department Meeting, Initial Well Discussion w/ BOH & ConCom																								
A1970	DEP Meeting #1 - Outline Objectives, Obtain Feedback	1	04-Mar-15 A	04-Mar-15 A	DEP Meeting #1 - Outline Objectives, Obtain Feedback																								
A1980	DEP Meeting #2 - Review Refined Proposal, Obtain Feedback	1	02-Apr-15 A	02-Apr-15 A	DEP Meeting #2 - Review Refined Proposal, Obtain Feedback																								
A1990	Town Votes to Authorize Well Easement	1	07-Apr-15 A	07-Apr-15 A	Town Votes to Authorize Well Easement																								
A2010	Area Cleared for Exploratory Drilling	1	11-May-15 A	11-May-15 A	Area Cleared for Exploratory Drilling																								
A2020	Test Drilling & Water Sampling	11	18-May-15	01-Jun-15	Test Drilling & Water Sampling																								
A2030	Pepeare DEP WS-13 Application (Approval to Site Source Under 7	15	02-Jun-15	22-Jun-15	Pepeare DEP WS-13 Application (Approval to Site Source Under 70GPM)																								
A2040	Obtain Local Approvals (ConCom / BOH)	15	02-Jun-15	22-Jun-15	Obtain Local Approvals (ConCom / BOH)																								
A2000	Town Executes Well Easement with Abutter	80	18-May-15	04-Sep-15	Town Executes Well Easement with Abutter																								
A2050	DEP Review WS-13 & Authorize Pump Test	73	23-Jun-15	01-Oct-15	DEP Review WS-13 & Authorize Pump Test																								
A2060	Perform 12 Hour Pump Test, Collect Samples	10	02-Oct-15	15-Oct-15	Perform 12 Hour Pump Test, Collect Samples																								
A2070	Prepare DEP WS-15 Application (Approval to Construct)	10	16-Oct-15	29-Oct-15	Prepare DEP WS-15 Application (Approval to Construct)																								
A2080	DEP Review WS-15 & Approve to Construct	5	30-Oct-15	05-Nov-15	DEP Review WS-15 & Approve to Construct																								
Design Development		110	03-Dec-15	04-May-16	Design Development																								
A1790	Design Development	85	03-Dec-15	30-Mar-16	Design Development																								
A1880	MSBA Design Development Review Period	15	31-Mar-16	20-Apr-16	MSBA Design Development Review Period																								
A1890	District DD Review Response & Drawing Revisions	10	21-Apr-16	04-May-16	District DD Review Response & Drawing Revisions																								
DD Phase Permitting		85	03-Dec-15	30-Mar-16	DD Phase Permitting																								
A2170	LEED or NE-CHPS Registration	5	03-Dec-15	09-Dec-15	LEED or NE-CHPS Registration																								
A2190	Planning Board Site Plan Review	5	28-Jan-16	03-Feb-16	Planning Board Site Plan Review																								
A2180	MDOT Curb Cut Permitting	5	24-Mar-16	30-Mar-16	MDOT Curb Cut Permitting																								
Construction Documents		130	31-Mar-16	28-Sep-16	Construction Documents																								
A1920	60% Construction Documents	65	31-Mar-16	29-Jun-16	60% Construction Documents																								
A1910	MSBA 60% CD Review Period	15	30-Jun-16	20-Jul-16	MSBA 60% CD Review Period																								
A1900	District 60% CD Review Response & Drawing Revisions	5	21-Jul-16	27-Jul-16	District 60% CD Review Response & Drawing Revisions																								
A1800	90% CDs and 100% Early Site, Site Utilities, Foundation Bid Pack	10	28-Jul-16	10-Aug-16	90% CDs and 100% Early Site, Site Utilities, Foundation Bid Pack																								
A1940	MSBA 90% CD Review Period	15	11-Aug-16	31-Aug-16	MSBA 90% CD Review Period																								
A1950	District 90% CD Review Response & Drawing Revisions	5	01-Sep-16	07-Sep-16	District 90% CD Review Response & Drawing Revisions																								
A1810	100% Construction Documents (Bid Package)	15	08-Sep-16	28-Sep-16	100% Construction Documents (Bid Package)																								
Procurement		75	14-Jul-16	26-Oct-16	Procurement																								
A1820	Early Bid Package (Optional)	40	14-Jul-16	07-Sep-16	Early Bid Package (Optional)																								
A1830	Bidding - Main Package (100% CDs)	40	01-Sep-16	26-Oct-16	Bidding - Main Package (100% CDs)																								
Construction		732	06-Nov-15	27-Aug-18	Construction																								
A1930	Drill, Tie-In & Commission New Wells	20	06-Nov-15	03-Dec-15	Drill, Tie-In & Commission New Wells																								
A2090	De-Comission Existing Wells	5	04-Dec-15	10-Dec-15	De-Comission Existing Wells																								
A1840	Phase 1 - Site Prep, Utilities & Foundation (Optional Early Packag	60	08-Sep-16	30-Nov-16	Phase 1 - Site Prep, Utilities & Foundation (Optional Early Packag																								
A1850	Phase 2	420	27-Oct-16	06-Jun-18	Phase 2																								
A2100	Project Substantially Complete	0		06-Jun-18	Project Substantially Complete																								
A1860	Commissioning, FF&E, IT, Move	50	07-Jun-18	15-Aug-18	Commissioning, FF&E, IT, Move																								
A2110	Project Final Completion	0		15-Aug-18	Project Final Completion																								
A1870	Target Occupancy	0		27-Aug-18*	Target Occupancy																								

# Workplan Review

Carver Elementary School FS Phase Work Plan: 4/16 Submission  
HMFH Architects 2/23/15

	Complete	Duration
<b>SBC Meetings</b>		
<b>Regulatory Agency Meetings</b>		
<b>Preliminary Design Program (PDP)</b>	2/5/15	5 weeks
Educational Program		
Review/Revise Existing Ed Program		
Meetings with Staff and Teachers (as needed)		
Finalize Ed Program		
Revise Space Summary		
<b>SBC Approve Ed Program &amp; Space Summary</b>		
Evaluation of Existing Conditions		
Site Development Requirements Review		
Meeting w/ Town Departments	1/21/15	
Preliminary Evaluation of Alternatives		
Review/Update Potential Alternatives		
Identify Preliminary Sites Locations		
<b>SBC Approve Site Selections &amp; Alternatives</b>		
Analysis of Sites for Feasibility		
Preliminary Plan and Site Diagrams		
<b>SBC Approve Planning Diagrams</b>		
Cost Evaluation of Alternatives		
Compile PDP Report		
<b>SBC Approve Cost &amp; PDP Submission</b>		
MSBA Review Period		
<b>Preferred Schematic Report</b>	4/16/15	10 weeks
Meeting with MSBA	2/12/15	
Update Design Program		
Update Existing Conditions Evaluation		
Preliminary Development of Options		
<b>SBC Preliminary Options Feedback</b>		
Further development of options		
Team Respond to MSBA PDP Review Comments		
Meeting w/ DEP re Wells	tbd	
Additional Wells Investigations (as needed)		
Green Charrette	3/6/15	
<b>SBC Further Options Feedback</b>		
<b>SBC Approval of High Performance Objectives</b>		
Development of Preferred Option		
Conceptual Site Plans		
Preliminary Building Massing Studies		
<b>SBC Finalize Selection of Preferred Option</b>		
Cost Estimate/Budget/Schedule		
<b>SBC Approve Costs &amp; Schedule</b>		
Development of Preferred Schematic Report		
<b>SBC Approve PSR Submission</b>		
Submit PSR to MSBA	4/16/15	
Town Approval of Funding for SD		
MSBA Review Period		
<b>MSBA Approval to Proceed to Schematics</b>	6/3/15	7 weeks



# Next Steps:

- *3/10/15 – SBC Meeting - SBC Selection of Preferred Schematic Option*
  - *3/25/15 – SBC Approve Preferred Option*
  - *4/1/15 – Preferred Option Estimate to MSBA*
  - *4/13/15 – SBC Approve Preferred Schematic Report for Submission to MSBA*
  - *5/13/15 Facilities Assessment Subcommittee*
- 
- **6/3/15 – MSBA Board Approval to Proceed into Schematic Design (Conditional Approval\*)**
  - **6/30/15 – FAS PSR Supplemental Info Due\***
  - **9/28/15 – Schematic Design Submittal to MSBA**
  - **11/18/15 – MSBA Board Approval of Schematic Design**
  - **12/2/15 – Carver Town Meeting/Vote on Project Funding**

# Discussion / Questions?

Carver School Building Committee Meeting  
May 18<sup>th</sup>, 2015

