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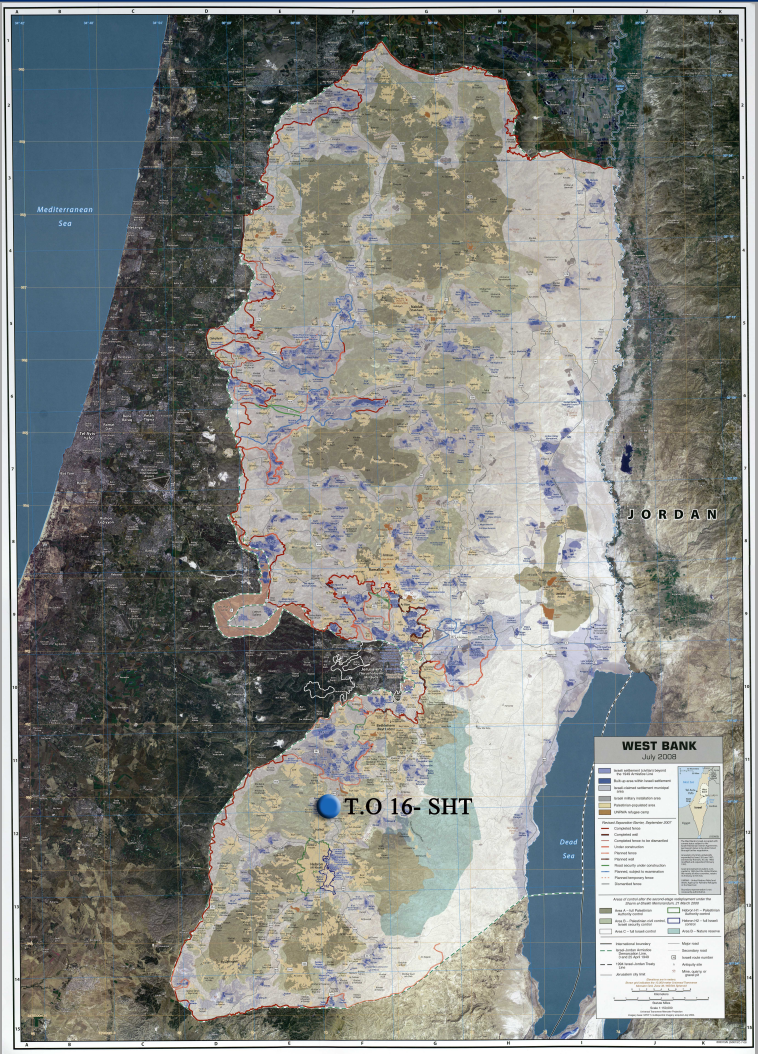
MONTHLY PROGRESS REPORT

TASK ORDER NO. 13-00016

Deir Sha'ar Main Pipeline Project (SHT)

APCO/ArCon

June, 2015



MONTHLY TASK ORDER PROGRESS REPORT

INFRASTRUCTURE NEEDS PROGRAM

Contract No. 294-I-00-12-00005
Task Order No. AID-294-TO-13-00016

From June 01, 2015 to June 30, 2015

DISCLAIMER

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USAID Contract No.:	294-I-00-12-00005
TO No.:	13-00016
Contractor:	APCO/ArCon Construction and Services
T.O Key Personnel:	Eng. Mohammad Halayqa Eng. Nidal Marziq- Q.C.M Eng. Ahmad Najajreh- S.E.O through June 30, 2015 Eng. Fadi Najajrah- P.E through June 10, 2015 Eng. Hadi Wreidat- P.E starting June 10, 2015 Eng. Vijay Kumar Alapati – CWI through June 30, 2015 Eng. Jaya Anil Nethala- CWI starting July 01, 2015

Monthly Progress Report number 20

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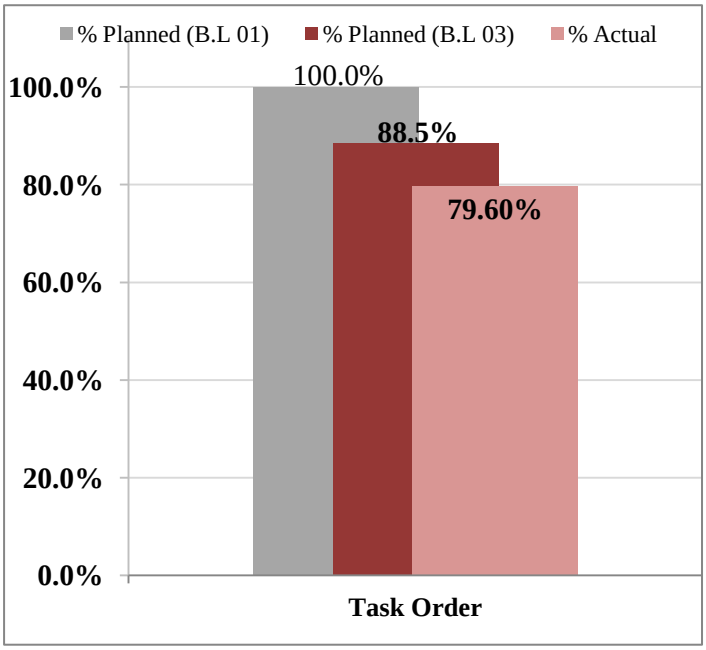
TASK ORDER OVERVIEW:

Task Order Project Name	Deir Sha'ar Main Pipeline Project (SHT)
Project Description	This project consists of: 1. Installation of a new 12 kilometer, 750mm (30 inch) diameter main transmission pipeline from the Deir Sha'ar booster station to the existing 25,000m3 reservoir in Halhul. The pipeline starts at the Deir Sha'ar booster station, passes alongside and supplies water from metered turn-outs to Beit Ummar, Karmi Tzur, Al-Arrub Camp, and Halhul, and ends at the existing reservoir in Halhul. 2. Installation of 13 kilometers of network connections ranging from 300mm to 75mm, except 250mm diameter for the cities of Beit Ummar and Halhul. 3. Upgrading approximately 10 kilometers of existing road along the pipeline alignment. This includes upgrading a 6.6 km stretch of a two-lane road, upgrading a 0.67 km section of a four-lane road, and milling and overlay of 2.8 kilometers of the existing roadway surface.
Statement of Work (SOW)	The road works consist of excavation works, backfilling excavated areas, embankment backfilling, pavement layer construction and/or milling and overlay of the existing roadway surface, construction of retaining structures, installation of storm water culverts and storm water drainage system, installation of safety features (signage, road marking, cat eyes, and guardrails) and other works as required by the contract documents. Water piping scope of works includes excavation, supply and installation of pipelines and associated accessories for the transmission main and chambers, related civil and mechanical works, trench backfill, pipe pressure testing, pipe disinfection and cleaning, and other works required by the contract documents to provide a fully operational water delivery system.
Project Location	Beit Ummar, Al-Arrub Camp, and Halhul in Hebron District (Areas A, B and C)
Contract No.	294-I-00-12-00005
Task Order No.	AID-294-TO-13-00016
Employer	USAID
Contractor	APCO/ArCon
Engineer / CMC	Black and Veatch
Subcontractor Name	Self-Performance
Notice of Award (NOA)	Sep. 23, 2013
Notice To Proceed (NTP)	Nov. 06, 2013
Task Order Contract Value	$16,512,214
Projects Total Value	$15,612,214
Day Work	$ 900,000
Modified Projects Total Value	$16,302,004.48 (VO#04)
Modified Day Work	$210,209.52 (VO#04)
Start of Construction	February 01, 2014
Contractual period of Performance	550 Calendar Days
Contractual End Date	May 09, 2015
Modified period of Performance	616 Calendar Days
Modified End Date	July 14, 2015 (VO#04)
Estimated Completion Date	July 14, 2015
Planned Percentage of Completion	100% (B.L. 01)
Planned Percentage of Completion	88.5% (B.L. 03) – Not approved by CMC
Actual Percentage of Completion	79.6%
Total Float	-35 Days



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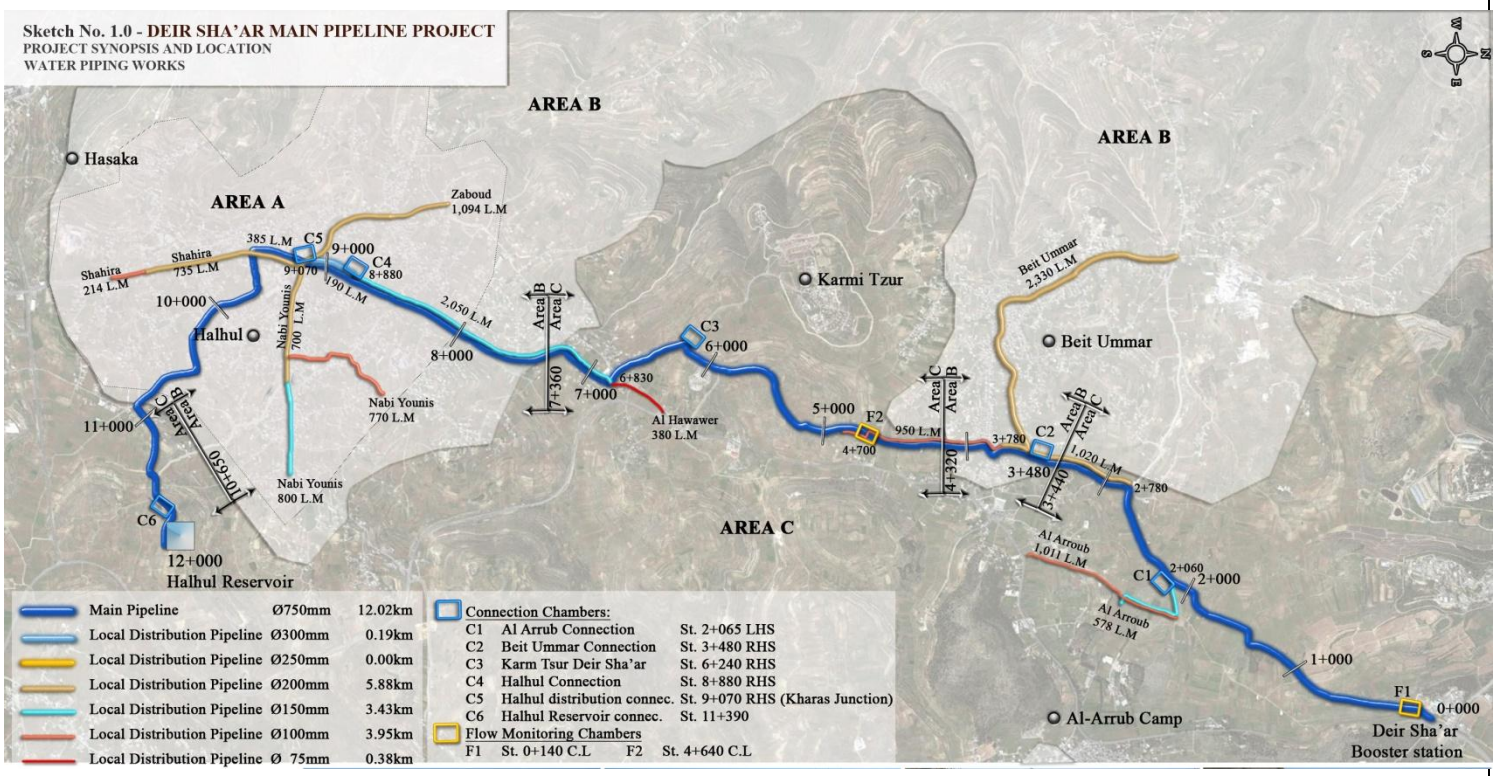

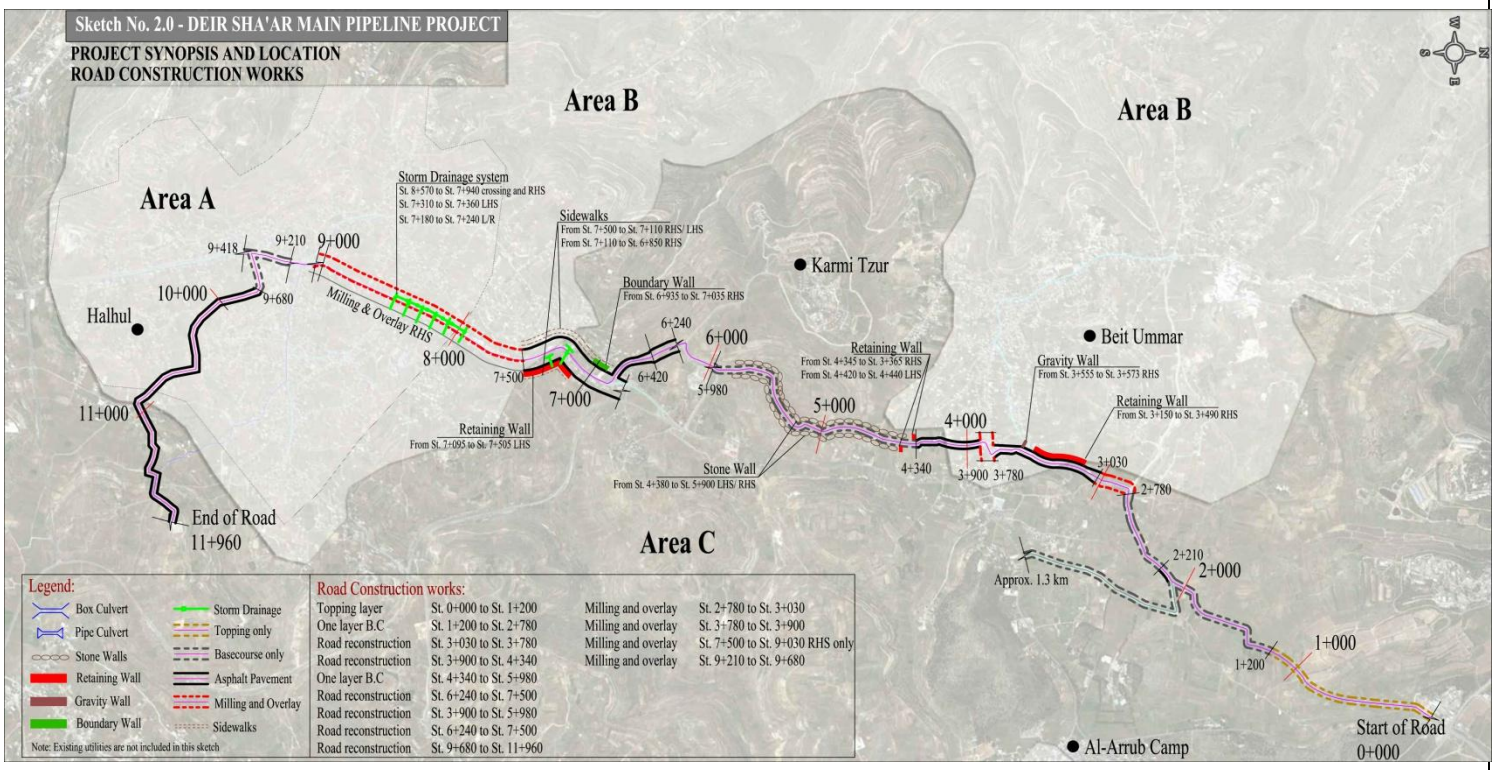

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SAFETY:
During this reporting period, no accidents were reported and no Notices of Unsafe Condition (NUCs) were issued.

ENVIRONMENTAL COMPLIANCE:
Environmental mitigation plan addressing the responsive actions to special conditions was submitted to CMC. Approval on this plan was received on Feb. 02, 2014. Environmental mitigation plan measures; public and labors safety measures were implemented during this reporting period. During June pending ECLs (April 2015) was closed.

TRAFFIC CONTROL MEASURES:
For road segments that are located in Area A and B, copies were prepared, stamped and approved by the Traffic Higher Council at the Palestinian Ministry of Transport and local councils.

Traffic control plans for Halhul water distribution network - Zaboud water pipeline was submitted and approved on June 19th, 2014. Halhul water distribution network – Shahera water pipeline, traffic plan was submitted to CMC and returned back Action C (revise resubmit). Traffic Control Plan for Al Arrub internal networks was submitted on July 08, 2014 and returned back on July 09, 2014 as Action C (revise resubmit). Traffic control plan for Al Nabi Younes Intersection from St.9+040 to St. 9+100 was submitted and approved on July 15, 2014. Traffic control plan for Al Nabi Younes Intersection 6" & 8" from Sta.0+000 to Sta.1+300 was submitted and approved on Sep. 22, 2014. Traffic control plan for main pipeline from St. 7+500 to St. 9+100 was approved on Sep. 11, 2014, from 2+800 to St. 4+200 was approved on Oct. 15, 1014 and from St. 6+280 to St.6+820 was submitted on Dec. 28, 2014 . Traffic control plan for Al Nabi Younes Intersection 4" internal network from Sta.0+000 to Sta.0+600 was approved on Dec. 14, 2014. Traffic control plan for works from St.9+400 to St. 12+007 was submitted and approved on Feb. 16, 2015.

Traffic plans for road segments located in Area C were stamped and approved by Israeli and Palestinian related authorities and submitted to CMC. A conditional written approval from DCL was received on February 20, 2014 for traffic plan from St. 0+000 to St. 2+800, and Maatz approval was received for phase 01 traffic plan from St. 0+000 to St. 2+800 on April 8th, 2014. Final written approval for Phase I was received from DCL on May 04th, 2014. Traffic plan for road and water works from St. 6+800 to St. 7+500 was prepared and submitted for CMC's approval on May 13th, 2014, and from St. 4+220 to St. 5+500 was submitted and approved on Sep. 22, 2014. APCO/ArCon is working on preparing and approving traffic plans for remaining road segments that are located in Area C and receiving the required approvals from the Traffic Department at ICA on traffic plans in Area C.

APCO conducted coordination meeting, calls and emails with both Hebron and Bethlehem DCL regarding the pipeline stretch in Area C (from St. 4+300 to St. 5+900) and survey works near Gush Ezyon at the start of the project. Coordination where also conducted in January and verbal approval was received on January 12, 2015 to start pipeline installation works in Area C (from St. 0+140 to St. 0+000) near Gush Ezyon between Jan. 18 and Jan. 22, 2015 then to move and work from St. 6+220 to St. 5+800 on Jan. 24, 2015. Contractor coordinated with Mekorot and Bethlehem DCL to conduct temporary 4" pipeline connection to Mekorot pump station near Gush Ezyon that will be used for 30" pipeline flushing on June 13 and works were completed on June 14, 2015.

Maatz and Israeli police approvals to commence the work near Karmi Tzur were received, Israeli Army approval was received on Dec. 04, 2014, APCO mobilized immediately upon getting the Israeli Army approval, multiple equipment were delivered, detour was made passable by 8:15 pm, safety was implemented according to permit requirements with Israeli approved company, work started in earnest and continued all night long, housekeeping and washing of the road were performed as well. APCO started coordination with Maatz to receive an approval to start 30" pipeline installation beside Karmi Tzur Entrance Road. Ma'atz approval for the work near Karmi Tzur was received on March 18, 2015 (start March 15th, 2015 to April 16th, 2015).

COMMUNITY OUTREACH, PUBLIC INFORMATION AND GENDER CONSIDERATION:
Coordination with local councils, utility owners continued to be conducted during this reporting period as detailed below:

COORDINATION:
During this reporting period, the following coordinations and meetings occurred :

Date	Attendees	Subject	Description
June 01, 2015	Beit Ummar Municipality – Nabil Alqam. APCO/ArCon- Mohammad Halayqa	Coordination meeting	Discuss the issue of works stoppage (stone wall works) at Beit Ummar from St.5+220 to St.5+330 and from St.4+880 to St.5+000 due to landowner objections- Issue was not resolved in this meeting.

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Date	Attendees	Subject	Description
June 01, 2015	Beit Ummar Municipality – Nabil Alqam. APCO/ArCon- Mohammad Halayqa, Zuhair Ghayadah Hadi Wreidat.	Coordination meeting	Discuss the issue of property owner objections from St.3+900 to St.3+950. Issue was not resolved in this meeting.
June 01, 2015	Halhul Municipality- Mohammad Dhaidel APCO/ArCon- Mohammad Halayqa, Zuhair Ghayadah	Coordination meeting	Discuss the issue of works stoppage at median curbstone from St.7+180 to St.7+210 due to landowner objections. Issue was resolved in this meeting.
June 02, 2015	Halhul Municipality- Mohammad Dhaidel APCO/ArCon- Mohammad Halayqa, Zuhair Ghayadah.	Coordination meeting	Discuss the issue of relocation of existing high voltage tower H.V.T at St. 7+240 RHS that caused delay in curbstone installation that connects the intersection from St.7+230 to St.7+240 RHS. Issue was resolved in this meeting.
June 02, 2015	USAID- Sonia Massis, Fouad Salman B&V- Adnan Azazmeh APCO- Najim Saymuah, Ibrahim Hinde	Coordination meeting	Meeting and discussions with USAID (Mr. Fouad Salman) regarding access to Deir Sha'ar Booster station.
June 03, 2015	USAID- Sonia Massis B&V- Khaled Haramy Adnan Safi APCO- Najim Saymuah Ibrahim Hinde Osama Al Bazzour	Technical meeting	Discuss the technical requirements for Halhul reservoir system instrumentation and system integration with WBWD SCADA system.
June 09, 2015	Bethlehem DCL- Doreen Padan Mukhles Amer Lt. Col. Dan USAID- Fouad Salman B&V- Ibrahim Ansari Adnan Azazmeh Ghaleb Najajreh APCO- Najim Saymuah Mekorot representatives	Coordination meeting and joint site visit with Mekorot	Meeting at Bethlehem DCL and joint site visit with Mekorot to discuss APCO staff site access and 30" pipeline connection to Mekorot pump station at Gush Ezyon. It was agreed on the followings: 1. The scope of work will require pipe installation, and concrete foundation and walls for the surge tank. 2. Access is required by multiple staff at different times for the next couple of months (until pipeline is in service) 3. APCO/ArCon will submit the names and IDs of staff/workers that will need to work in the area. 4. APCO/ArCon points of contact
June 10, 2015	Mekorot – Kineret Cohenn APCO- Najim Saymuah	Coordination email	30" Pipe Connection to Deir Sha'ar booster station- Follow up and Mekorot schedule to make the connection and Coordinate to install temporary fence for surge tank enclosure.
June 10, 2015	USAID- Sonia Massis B&V- Adnan Safi, Dr. Daoud Qawasmeh, Adnan Azazmeh, Karim Husari. Khaled Haramy, Israa Odaeh, Ghaleb Najajra, Hanin Naser Al Deen. APCO - Mohammad Halayqa, Ibrahim Hindi, Najim Saymuah Mahmoud Jaradat, Hadi Wreidat.	Bi-weekly progress meeting# 023	Review progress of work, safety, quality and discuss project issues.
June 16, 2015	USAID representatives B&V representatives APCO representatives	Monthly Contracting Officer's Meeting	APCO Briefly presented Projects status and discussed projects progress and issues

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Date	Attendees	Subject	Description
June 22, 2015	USAID- Sonia Massis, Fouad Salman B&V- Adnan Safi, Muhannad Hijazi Karim Husari, Khaled Haramy Ghaleb Najajreh,Maher Awawdeh APCO- Najim Saymuah, Ibrahim Hinde Osama Al Bazzour	Technical Meeting	Discussion regarding items that require VO and pending VORs (bladder tank, Mekorot connection, chamber at Halhul reservoir and other miscellaneous works.
June 30, 2015	Halhul Municipality- Mohammad Dhaidel APCO/ArCon- Hadi Wreidat	Coordination meeting	Coordination with Halhul municipality to determine road centerline from St.10+900 to St.11+800.

SITE VISITORS: During this reporting period, the following visits have occurred:

Date	Organization	Location	Description
Task Order 16			
June 02, 2015	USAID- Sonia Massis	30" main pipeline – Halhul site	Site visit to follow-up work progress, quality, safety and project issues.
June 10, 2015	USAID- Sonia Massis	30" main pipeline – Halhul site	Site visit to follow-up work progress, quality, safety, project issues and attend bi-weekly progress meeting.
June 29, 2015	USAID- Sonia Massis	30" main pipeline – Halhul site	Site visit to follow-up work progress, quality, safety and project issues.

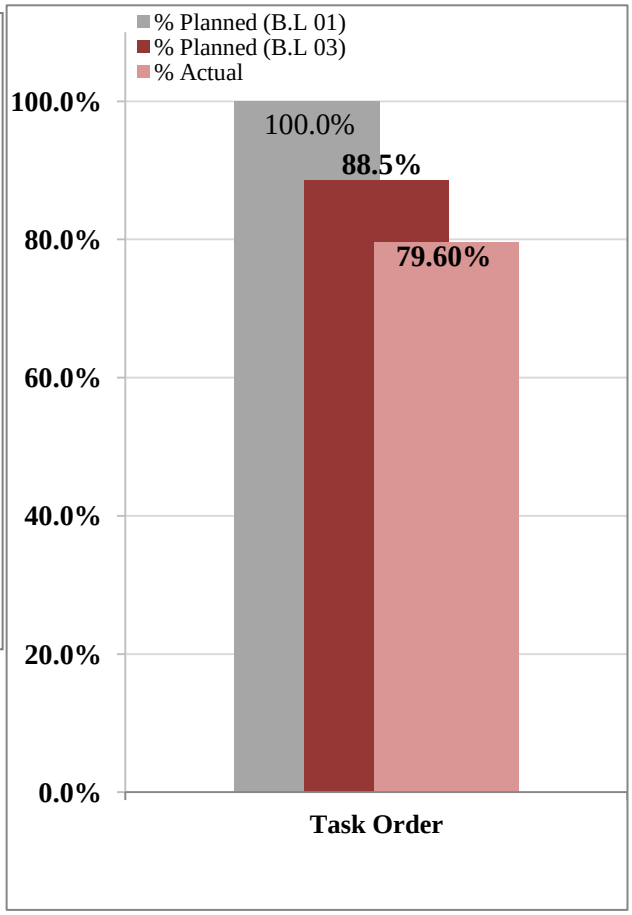
MATERIAL OR EQUIPMENT DELIVERED TO SITE:

Please refer to **Annex A-** Equipment and Material receiving log.

PROGRESS and SCHEDULING:

% of Completion:

- Excavation	95%
- Topping	100%
- Basecourse 20cm	88%
- Concrete works (walls)	92%
- Installation steel pipes (100mm)	100%
- Installation steel pipes (150mm)	100%
- Installation steel pipes (200mm)	100%
- Installation steel pipes (300mm)	100%
- Installation steel pipes (760mm)	98.5%
- Installation steel pipes (75mm)	80.0%
- Chambers Construction	100%
- Asphalt reinstatement (internal networks)	90%
- Asphalt reinstatement (main pipeline)	100%
- Asphalt binder layer	100%
- Asphalt wearing layer	50%
- Storm Pipes installation	100%
- Mechanical works in chambers	67%
- Pipeline testing (internal networks)	75%



Overall percentages of completion are :

Completion%	T.O
Planned BL1 %	100%
Planned BL2 %	100%
Planned BL3 % - Not approved by CMC	88.5%
Actual %	79.6%
Total Float	-35 Days

Refer to **Appendix C** Progress s-curve planned versus Actual.

Progress concern letter was received from USAID on June 19, 2015 regarding the slow rate of progress and delays at the project. The Contractor sent two letters in response to this concern letter, the first on June 24, 2015 outlining events that occurred during the implementation of the project and directly impacted the contractor's schedule and caused delays beyond the contractor's control, which in turn triggered USAID to issue "progress concern notice". Those events are related to various facets of the projects and fall within four main categories as follows: 1) Design 2) Procurement 3) Construction / site conditions and 4) Security / coordination. The second letter was submitted on June 30, 2015 addressing the eight activities listed in USAID notice including a detailed schedule for all remaining activities. A time impact analysis was performed for all contractor's excusable delays on June 29, 2015, this impact and contractor's letters will be discussed in a meeting with USAID and CMC.

ACTIVITIES DURING THIS REPORTING PERIOD:

1. Continue survey works and preparation and submitting of material and shop drawing submittals.
2. Continue implementation of traffic control plan.
3. Continue delivery of pipes and fittings.
4. Continue construction of retaining wall from St. 3+630 to St. 3+655 LHS (65% complete)
5. Continue construction of gravity wall from St. 3+550 to St. 3+573 RHS (95% complete)
6. Continue excavation of trench, bedding, installation of 760 mm steel pipes and backfill from St.11+629 to St.11+812. Total length of 30" pipes installed through end of June 2015 is 11, 835 l.m.
7. Continue base course layer preparation for 30" main pipeline from St.9+680 to St.11+000 LHS (90% complete).
8. Continue 30" pipeline connection to Mekorot booster station near Gush Azyon (80% complete).
9. Continue base course layer preparation for 30" main pipeline from St.3+070 to St. 3+440 (70% complete).
10. Continue base course layer preparation for 30" main pipeline from St.11+480 to St. 11+600 (30% complete).
11. Continue and finish 1st layer of asphalt (binder course) preparation for 30" main pipeline from St. 7+060 to St.7+515 RHS.
12. Continue and finish asphalt layer (Binder) for 30" main pipeline from St. 8+270 to St. 8+650 and asphalt (wearing) from St. 10+640 to St. 10+820 (100% complete)
13. Continue reinstatement for 30" main pipeline and storm water from St. 7+980 to St.8+200 RHS (90% complete)
14. Continue median work for Shahira road (90% complete).
15. Complete construction of washout chamber at St. 11+930 (90% complete)
16. Continue stone wall works.
17. Continue works of storm water at St. 7+900.
18. Fabrication of fittings for chambers.
19. Continue works for chambers connection.
20. Continue preparation and finishing works inside chambers and installation of steps and covers for the following chambers: washout (WO) at St. 9+600, ARV at St. 9+680, ARV at Sta.10+430, ARV at St. 6+580, WO at St.10+600, ARV at Sta.8+875, WO at Sta. 0+557, ARV at Sta. 9+210, two GV at Sta. 3+500, 4" WO at Sta.0+620 , Flow monitoring at Sta. 4+625, 30" WO at Sta. 4+593, 4'' WO at Sta.4+590, and WO at St. 1+500.
21. Continue preparation and finishing works for Halhul networks chambers.
22. Chambers Mechanical works at the following locations:

30" Main Pipeline	6" ARV at Sta.0+740.
	6" ARV at Sta.1+920.
	6" ARV at Sta.2+780.
	6" ARV at Sta.3+303.
	6" ARV at Sta.3+743.
	10" ARV at Sta.4+082.
	10" ARV at Sta.5+607
	10" W.O at Sta.4+590
Beit Ummar 8" Network	Safa 8" GV at Sta.0+011,
	Safa GV at Sta.0+809
	Safa GV at Sta.1+227
	Safa GV+WO at Sta.2+343 (Beit Ummar network)
Shahera 8" Network	3" ARV at sta.0+240
	3" W.O at Sta.0+557
Main pipeline	6" ARV at Sta.4+993,
Main pipeline	6" ARV at Sta.6+600.
Main pipeline	GV at Sta.3+780
Main pipeline	10" WO at STa.1+530

Main pipeline	10” WO at Sta.2+230
Common trench 6”	3” WO at Sta.7+199
Main pipeline	10” WO at Sta.0+620
Main pipeline	6” ARV at Sta.8+875
Main pipeline	6” ARV at STa.10+430
Main pipeline	WO at Sta.9+600
Main pipeline	6” ARV at STa.6+040
Main pipeline	10” ARV at Sta.9+210
Main pipeline	6” ARV at sta.9+680
Main pipeline	8” Two GV at Sta.3+495
Main pipeline	8” GV at Sta.2+782
Common trench 8”	3” W.O at Sta.2+857
Main pipeline	6” ARV at Sta.11+210
Common trench 6”	3” ARV chamber at Sta.8+397
Main pipeline	6” ARV chamber at Sta.8+400
Main pipeline	10” W.O chamber at Sta.11+390
Common trench 4”	2” ARV at Sta. 4+080
Common trench 4”	2” WO and 4” GV at Sta. 5+590
Common trench 4”	4” GV at Sta.6+820

23. Continue pipelines testing (Pressure ad Drainage) for 30’’pipeline from Sta.0+000 to Sta. 1+280. And from Sta.4+625 to Sta.7+192
24. Continue pressure test for 8” at Beit Ummar common trench from Sta.3+500 to Sta.3+780.
25. Complete pressure and disinfection test for test for 6” and 4” common trench from Sta. 6+820 to Sta. 8+400.
26. Complete pressure test for 6’’ common trench from sta. 8+400 to Sta. 8+890.
27. Complete pressure test for 8’’ from Sta. 0+000 to Sta.1+134
28. Complete disinfection test for 4” and 6’’ common trench from Sta. 6+820 to Sta. 8+890 and for 8’’ from Sta. 0+000 to Sta. 1+134 Zaboud network
29. Conduct RT testing for 2 the followings:

30"/	2 Joint	8” /	27 joint
3”/	5 joint	12”/	2 joint

30. Total pipes installed up to the end of this reporting period:

30” pipes	11,835.00 l.m	8” pipes	6,246.91 l.m
6” pipes	3,054.84 l.m	4” pipes	3,240.38 l.m
3” pipes	1,770.80 l.m.	2” Riser Pipes	47 Units

PLANNED ACTIVITIES FOR NEXT MONTH:

31. Continue survey works, preparation and submitting of material and shop drawing submittals.
32. Continue implementation of traffic control plan.
33. Continue delivery of pipes and fittings.
34. Continue excavation and installation of 30” main pipeline from St. 11+881 to St. 12+000.
35. Continue excavation and installation of 1000mm and catch basin of storm water drainage system from at St. 7+960.
36. Continue preparation and finishing works of chambers
37. Fabrication of fittings for chambers
38. Continue works for chambers connection.
39. Continue Mechanical works inside chambers
40. Continue preparation and finishing works of chambers
41. Base course preparation and sub-grade works from St. 11+000 to St. 11+900.
42. Continue milling and overlay for Shahira network.
43. Continue construction of stone wall from St. 3+630 to St. 3+655 LHS
44. Asphalt works from St. 3+950 to St. 4+300, St. 9+680 to St. 10+650 and from St. 3+030 to St. 3+500.
45. Continue stone wall works from St.4+680 to St.5+300 LHS.
46. Continue pipelines testing (flushing, hydrostatic, disinfection and drainage tests)
47. Continue civil works for surge tank foundation.

Refer to **Appendix B** for detailed time schedule for each project, completed and in-progress activities.

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INDICATOR NO. 01- Number of pipelines installed, road constructed or repaired through USG assistance:

Road Sector-		
Total Road reconstruction (100% Completed)	6.15 Km	
Target value	10.0 Km	
Number of kilometers constructed or repaired through end of this reporting period=	**6.51** Km	
Water Sector-		
Total Pipelines installed (100% Completed)	4.17 Km	3", 4", 6" and 8" pipelines
Target value	24.5 Km	
Number of kilometers of pipelines installed through end of this reporting period=	**4.86** Km	

WORKING / NON-WORKING DAYS

1	Total Period of Performance (Original)	550
2	Total Excusable delays/approved extensions	66
3	Modified Period of Performance	616
4	Modified Completion Date	July 14, 2015
5	No. of Working Days during this reporting Period	26
6	Accumulated Working Days	481
7	Total No. of non-working days (Holidays and weekends) during this reporting Period	4
8	Accumulated non-working days (Holidays and weekends)	94
9	No. of other non-working days during this month**	0
10	Accumulated other non-working days	27

INDICATOR NO. 2: GENERATED PERSON-DAYS OF EMPLOYMENT:

All reported materials are up to date and meet the five quality data standards (Clause H.9).

This indicator count only local Palestinian staff whose time is charged to the USAID activity (the Contractor at the "prime" and "first tier" subcontractor level only). Neither expatriate person days of employment (i.e. those worked by American or other Third Country National staff) nor management nor administrative person days of employment (i.e. program level and other general and administrative staff shared among multiple task orders) are included. All reported person-days are calculated based on the approved Daily Joint Reports.

Task Order

- Target value= **23,058**
- Employment generated previously = 24,973.4 Man-Days (Audited up to May 30, 2015)
- Employment generated this month =2,992.3 ≈ 2,992 Man-Days
- Total cumulative employment generated to-date (Male and Female) =**27,965.6**≈ **27,966** Man-Days
- Total cumulative female employment generated previously = 1,527 Hours = 191 Man-Days
- Total female employment generated this month=0 Hours = 0 Man-Days
- Total cumulative female employment to-date=1,527 Hours = **191** Man-Days

Total Job Days	**No. of Full Time Equivalent (FTE) Jobs =** (Total Job Days / 23.8)
Generated previously = 24,973 Man-days	Generated previously = 1,049.3≈ 1,049
During this reporting period = 2,992 Man-days	During this reporting period = 125.7≈ 126
Total generated to-date = **27,966** Man-days	Total generated to-date = **1,175** (rounded to nearest FTE)

SITE MEMO:

See Appendix D Site Memos log up to this reporting period.

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PROCUREMENT:

- Valves and fittings.
- For the Bladder Surge Tank donation number request letter was submitted to USAID on Dec. 07, 2014 and then to the Finance Ministry on Dec. 17, 2014 on the same day donation number was approved by the PA customs (#8090) and final approval was received from the Israeli customs department on January 22, 2015. A meeting was conducted on Feb. 24, 2015 with Mekorot, DCL, USAID, BV and PWA to coordinate surge tank placement within or nearby Deir Sha'ar pump station. Mekorot supplied the contractor with names and telephone numbers of two Mekorot engineers from separate Mekorot departments who keep records of all as-built works; the contractor contacted them and supplied them with necessary information. Proposed shop drawings were sent to Mekorot on April 11, 2015.
  USAID and BV reminded that this project has been permitted by COGAT and ICA including the surge tank, and data in connection with the work was submitted on different occasions.
  On Apr. 20, 2015 APCO received response from Mekorot regarding 30" connection and surge tank at Gush Ezyon. The CMC was involved in reviewing the comments and drawings marks and final modified drawings were submitted to Mekorot on April 29, 2015. Waiting to receive Mekorot final approval on modified drawings in order to proceed with the surge tank location installation.
  On April 17, 2015 APCO received an email from Morex (tank manufacturer) indicating that they are having issues with the tank bladder. The Wessels factory (bladder manufacturer) stated that their supplier is running into raw material supply issues and it is delaying this order contrary to manufacturer confirmation email that surge tank will be shipped on April 14, 2015. APCO informed the CMC and USAID regarding this matter and hope that Morex and Wessel will do all they can to overcome the delay. According to Wessels the Bladder tank with its accessories is expected be at Ashdod port July 08, 2015.

INSPECTION REQUEST:

Up to this reporting period **1,252** inspection requests were issued as follow:

SHT	No. of IRs	No. Reviewed	No. Pending	% No Exception Noted	% Make Corrections Noted	% Amend-Resubmit	% Rejected-Resubmit
Total	1,252	1,252	0	1,050	6	189	7
%		100%	0.0%	83.9%	0.5%	15.1%	0.6%

Please refer to **Appendix E-** Inspection Requests log.

Non Compliance Report Log - NCR -

No NCRs were issued during this reporting period.

QUALITY CONTROL AND TEST RESULTS:

Up to this reporting period **485** test reports were submitted as follow:

SHT	No. of Tests	No. Reviewed	No. Pending	% No Exception Noted	% Make Corrections Noted	% Amend-Resubmit	% Rejected-Resubmit	% Review No Required
No.	485	485	0	459	4	21	1	0
%		100%	0.0%	94.6%	0.8%	4.3%	0.2%	0.0%

Tests Log summary table up to this reporting period

Material Description	Test description	Number of tests	Pass	Fail	Notes (Action taken for failed tests)
Concrete	Concrete Compressive Strength Report	190	189	0	Material passed but 2 Submittals were returned as R.R as the CMC requested to modify the stations. And 1 submittal was returned as Revision E (review not required) as the test was submitted twice.
Bedding Material Aggregates	Crushed Limestone Aggregates	26	26	0	Material passed but the 2 Submittals were returned as R.R as the CMC requested to modify the stations.

Material Description	Test description	Number of tests	Pass	Fail	Notes (Action taken for failed tests)
Base Course	Base Course / Loose Sample	9	9	0	Material passed but the 2 Submittals were returned as R.R as the CMC requested more data to be added to the reports description
Fill Materials	Single Size Aggregates	17	17	0	
Welded Joints	Radiographic Examination Interpretation	9	8	1	3 Submittals were returned as revise resubmit, the CMC requested RT negative films and pipe book to be attached to the submittals and more quality assurance for tested welds in one submittal. APCO submitted requested data for one submittal and will close all pending submittals. 1 report returned as 2 welds were not acceptable, repairs were conducted and approved.
Steel	Reinforcement Steel Bars	4	4	0	
Soil	Backfill aggregate comprehensive	1	1	0	
Asphalt	Bituminous mixture	39	37	2	Verification test will be conducted and submitted to CMC for the failed material.
	Core Test	3	3	0	CMC to retract review comments on submitted test submittals
Backfill Materials	Field Density Test	87	87	0	Material passed but the 2 Submittals were returned as R.R as the CMC requested to modify the stations.
Topping & Base course material	Soil Aggregate Material Test	68	66	2	Material was improved and tested.
Ultrasonic Inspection Report	Welded Joints	20	20	0	Two submittals were requested to be revised to include a pipe book and additional data. The two reports were revised and approved.
Cast Iron Cover	Strength test	1	1	0	
Basecourse	Quality control test	2	2	0	
Water pipelines	Disinfection Test	3	3	0	
Prime coat	Application rate	4	4	0	

SUBMITTALS:

- **See Appendix F** Submittals log for this reporting period including test submittals.

Up to this reporting period **629** submittals were submitted as follow:

SHT	No. of Submittals	No. Reviewed	No. Pending	% No Exception Noted	% Make Corrections Noted	% Amend-Resubmit	% Rejected-Resubmit	% Review No Required
No.	629	622	7	45	338	197	5	37
%		98.9%	1.1%	7.2%	53.7%	31.3%	0.8%	5.9%

RFI:

- **See Appendix G** RFI's log for this reporting period.

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TRANSMITTALS:

Outgoing / Incoming USAID Transmittals (USAID/ APCO/ArCon)

Date	Contractor Trans. No.	Sender/Recipient	Subject
June 01.2015	By Email	APCO/ArCon/ USAID	RE: 30 fellow engineers visit Deir Sha'ar Project on June 2
June 03.2015	By Email	APCO/ArCon/ USAID	Project Engineer vacancy/replacement
June 04.2015	By Email	USAID/ APCO/ArCon	Meeting with Hebron DCL regarding Deir Sha'ar
June 04.2015	By Email	USAID/ APCO/ArCon	Contracting Officer's Monthly Meeting
June 04.2015	By Email	APCO/ArCon/ USAID	T.O 16- Monthly Report- May 2015- Draft
June 09.2015	By Email	USAID/ APCO/ArCon	COR Approval: Project Engineer vacancy/replacement
June 09.2015	By Email	USAID/ APCO/ArCon	Re: TO 13-00016 SHT: Progress Meeting June 10
June 09.2015	By Email	APCO/ArCon/ USAID	RE: COR Approval: Project Engineer vacancy/replacement
June 12.2015	By Email	USAID/ APCO/ArCon	Fwd: Meeting at Bethlehem DCL- Gush Ezyon Pump Station/site access
June 15.2015	By Email	USAID/ APCO/ArCon	Asphalt Plan - Deir Sha'ar Project
June 16.2015	By Email	USAID/ APCO/ArCon	Re: TO#16 Connection to Mekorot Pump Station
June 17.2015	By Email	APCO/ArCon/ USAID	Contracting Officer Meeting issues(June 16, 2015)
June 19.2015	By Email	USAID/ APCO/ArCon	APCO Deir Sha'ar TO# AID-294-TO-13-00016 / Progress Concern
June 22.2015	By Email	USAID/ APCO/ArCon	Accruals
June 23.2015	By Email	USAID/ APCO/ArCon	Re: Accruals
June 24.2015	By Email	APCO/ArCon/ USAID	T.O 16-Accruals
June 24.2015	By Email	USAID/ APCO/ArCon	Re: T.O 16-Accruals
June 24.2015	By Email	USAID/ APCO/ArCon	Re: Thanks letter
June 25.2015	By Email	APCO/ArCon/ USAID	TO#16 Deir Sha'ar. Request Letter for Time Extension
June 25.2015	By Email	APCO/ArCon/ USAID	Request for Key Personnel Replacement – Safety Officer
June 25.2015	By Email	USAID/ APCO/ArCon	Re: TO#16 Deir Sha'ar. Request Letter for Time Extension
June 26.2015	By Email	USAID/ APCO/ArCon	Re: TO#16 Deir Sha'ar. Request Letter for Time Extension
June 28.2015	By Email	APCO/ArCon/ USAID	RE: TO#16 Deir Sha'ar. Request Letter for Time Extension
June 29.2015	By Email	APCO/ArCon/ USAID	T.O 16- COR Comments - May 2015- Monthly Report
June 29.2015	By Email	APCO/ArCon/ USAID	RE: TO#16 Deir Sha'ar. Request Letter for Time Extension
June 30.2015	By Email	APCO/ArCon/ USAID	RE: APCO Deir Sha'ar TO# AID-294-TO-13-00016 / Progress Concern
June 30.2015	By Email	APCO/ArCon/ USAID	Request for Key Personnel Replacement – CWI

Outgoing / Incoming Consultant Correspondences (B&V/ APCO/ArCon)

Date	Contractor Trans. No.	Sender/Recipient	Subject
June 01.2015	By Email	B&V/APCO/ArCon	RE: TO 13-00016: Instrumentation - System integration with WBWD SCADA System
June 01.2015	By Email	APCO/ArCon/ B&V	Accepted: System integration with WBWD SCADA System Discussion Meeting
June 01.2015	By Email	APCO/ArCon/ B&V	RE: TO#16- 30 inch pipe installation starting at St.11+960
June 02.2015	By Email	APCO/ArCon/ B&V	partially damaged for the existing concrete walls at Beit Ummar
June 03.2015	By Email	APCO/ArCon/ B&V	TO#16 -Road Reconstruction at Storm Sewer
June 03.2015	By Email	APCO/ArCon/ B&V	TO#16 Work challenges/obstacles/ stoppages
June 03.2015	By Email	B&V/APCO/ArCon	RE: TO#16 -Road Reconstruction at Storm Sewer
June 04.2015	By Email	B&V/APCO/ArCon	TO 13-00016SHT: Ramadan Working Hours
June 03.2015	By Email	APCO/ArCon/ B&V	RE: TO 13-00016SHT: Ramadan Working Hours
June 04.2015	By Email	APCO/ArCon/ B&V	Geo-MIS Data - May 2015
June 06.2015	By Email	APCO/ArCon/ B&V	Median Curbstone Works
June 07.2015	By Email	B&V/APCO/ArCon	TO 13-00016 SHT: CMC Project Manager Change
June 08.2015	By Email	APCO/ArCon/ B&V	RE: TO 13-00016 SHT: CMC Project Manager Change
June 08.2015	By Email	B&V/APCO/ArCon	TO 13-00016 SHT: Progress Meeting June 10

Date	Contractor Trans. No.	Sender/Recipient	Subject
June 08.2015	By Email	B&V/APCO/ArCon	RE: TO 13-00016 SHT: Site progress, Safety and housekeeping Issues - April 20
June 08.2015	By Email	APCO/ArCon/ B&V	Night Works
June 08.2015	By Email	B&V/APCO/ArCon	TO 13-00016SHT: Night Works
June 03.2015	By Email	B&V/APCO/ArCon	TO 13-00016 SHT: Progress Meeting #023_Agenda
June 09.2015	By Email	B&V/APCO/ArCon	TO 13-00016 SHT: Progress Meeting #023_Agenda
June 09.2015	By Email	B&V/APCO/ArCon	RE: TO 13-00016 SHT: Progress Meeting June 10
June 11.2015	By Email	APCO/ArCon/ B&V	Saturday works
June 11.2015	By Email	B&V/APCO/ArCon	RE: Saturday works
June 11.2015	By Email	APCO/ArCon/ B&V	TO#16 Reservoir pipe details
June 11.2015	By Email	B&V/APCO/ArCon	RE: TO 13-00016 SHT: Primary Office Needs-June 2015
June 11.2015	By Email	B&V/APCO/ArCon	RE: TO#16 Reservoir pipe details
June 11.2015	By Email	B&V/APCO/ArCon	RE: Saturday works
June 12.2015	By Email	APCO/ArCon/ B&V	RE: TO#16 Reservoir pipe details
June 14.2015	By Email	B&V/APCO/ArCon	TO 13 00016 SHT: Ramadan's working hrs.
June 14.2015	By Email	APCO/ArCon/ B&V	TO#16 Connection to Mekorot Pump Station
June 15.2015	By Email	APCO/ArCon/ B&V	RE: TO 13 00016 SHT: Ramadan's working hrs.
June 15.2015	By Email	APCO/ArCon/ B&V	RE: Asphalt Plan - Deir Sha'ar Project
June 15.2015	By Email	B&V/APCO/ArCon	TO 13-00016 SHT: Draft MOM No.023
June 15.2015	By Email	B&V/APCO/ArCon	TO 13 00016SHT: Damages to Land Owner Sta. 3+900
June 15.2015	By Email	APCO/ArCon/ B&V	RE: TO 13-00016 SHT: Motorized Control Valve
June 15.2015	By Email	B&V/APCO/ArCon	TO 13-00016 SHT: Halhul Reservoir Penetration Detail
June 15.2015	By Email	B&V/APCO/ArCon	TO 13 00016SHT: Chambers Finish (Mockup Samples).
June 16.2015	By Email	APCO/ArCon/ B&V	RE: TO 13 00016SHT: Damages to Land Owner Sta. 3+900
June 16.2015	By Email	APCO/ArCon/ B&V	RE: TO 13 00016SHT: Damages to Land Owner Sta. 3+900
June 16.2015	By Email	APCO/ArCon/ B&V	RE: TO 13-00016 SHT: Draft MOM No.023
June 16.2015	By Email	APCO/ArCon/ B&V	RE: TO#16 Connection to Mekorot Pump Station
June 16.2015	By Email	APCO/ArCon/ B&V	Work Stoppage at Sta. 3+100
June 17.2015	By Email	B&V/APCO/ArCon	RE: TO 13-00016 SHT: Halhul Reservoir Penetration Detail
June 17.2015	By Email	B&V/APCO/ArCon	TO 13 00016SHT: Unacceptable Concrete width and finish
June 18.2015	By Email	APCO/ArCon/ B&V	RE: TO 13 00016SHT: Unacceptable Concrete width and finish
June 18.2015	By Email	APCO/ArCon/ B&V	Saturday Works
June 18.2015	By Email	APCO/ArCon/ B&V	Accepted: VOR Discussion Meeting for Deir Sha'ar Pipeline
June 18.2015	By Email	B&V/APCO/ArCon	TO 13-00016 SHT: MOM-13-00016-SHT-023-June 10, 2015- Final
June 18.2015	By Email	B&V/APCO/ArCon	RE: TO#16 Connection to Mekorot Pump Station
June 21.2015	By Email	APCO/ArCon/ B&V	RE: TO 13 00016SHT: Damages to Land Owner Sta. 3+900
June 21.2015	By Email	B&V/APCO/ArCon	RE: Asphalt Plan - Deir Sha'ar Project
June 21.2015	By Email	B&V/APCO/ArCon	RE: TO 13 00016SHT: Damages to Land Owner Sta. 3+900
June 22.2015	By Email	APCO/ArCon/ B&V	RE: TO 13 00016SHT: Damages to Land Owner Sta. 3+900
June 22.2015	By Email	B&V/APCO/ArCon	RE: TO 13 00016SHT: Damages to Land Owner Sta. 3+900
June 22.2015	By Email	B&V/APCO/ArCon	RE: Asphalt Plan - Deir Sha'ar Project
June 23.2015	By Email	APCO/ArCon/ B&V	Pressure test
June 23.2015	By Email	APCO/ArCon/ B&V	RE: TO#16 Connection to Mekorot Pump Station
June 23.2015	By Email	B&V/APCO/ArCon	FW: Site Inspection Checklist Deir Sha'ar main Pipeline June 23, 2015.
June 23.2015	By Email	APCO/ArCon/ B&V	RE: Asphalt Plan - Deir Sha'ar Project
June 23.2015	By Email	B&V/APCO/ArCon	FW: TO 13-00016 SHT: WO chamber
June 23.2015	By Email	B&V/APCO/ArCon	RE: TO#16 Connection to Mekorot Pump Station
June 23.2015	By Email	B&V/APCO/ArCon	RE: Asphalt Plan - Deir Sha'ar Project
June 23.2015	By Email	APCO/ArCon/ B&V	RE: TO#16 Connection to Mekorot Pump Station
June 23.2015	By Email	APCO/ArCon/ B&V	RE: Asphalt Plan - Deir Sha'ar Project
June 23.2015	By Email	B&V/APCO/ArCon	RE: TO#16 Connection to Mekorot Pump Station
June 23.2015	By Email	B&V/APCO/ArCon	RE: Asphalt Plan - Deir Sha'ar Project

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Date	Contractor Trans. No.	Sender/Recipient	Subject
June 23.2015	By Email	APCO/ArCon/ B&V	RE: TO#16 Connection to Mekorot Pump Station
June 24.2015	By Email	APCO/ArCon/ B&V	ARV at Sta.8+400
June 24.2015	By Email	B&V/APCO/ArCon	FW: TO 13-00016-SHT : Safety Concern
June 24.2015	By Email	B&V/APCO/ArCon	RE: TO 13-00016 SHT: WO Chamber backfill
June 24.2015	By Email	APCO/ArCon/ B&V	RE: TO 13-00016 SHT: WO Chamber backfill
June 24.2015	By Email	B&V/APCO/ArCon	RE: TO 13-00016 SHT: WO Chamber backfill
June 24.2015	By Email	APCO/ArCon/ B&V	RE: TO 13-00016 SHT: WO Chamber backfill
June 25.2015	By Email	APCO/ArCon/ B&V	Saturday Works
June 27.2015	By Email	APCO/ArCon/ B&V	Work stoppage
June 27.2015	By Email	B&V/APCO/ArCon	RE: TO 13-00016 SHT: Safety Hazard
June 27.2015	By Email	APCO/ArCon/ B&V	RE: TO 13-00016 SHT: Safety Hazard
June 27.2015	By Email	B&V/APCO/ArCon	RE: TO 13-00016 SHT: Safety Hazard
June 28.2015	By Email	APCO/ArCon/ B&V	TO#16 Delay of Asphalt
June 28.2015	By Email	B&V/APCO/ArCon	RE: TO#16 Delay of Asphalt
June 28.2015	By Email	B&V/APCO/ArCon	TO 13-00016 SHT: Progress Meeting #024_Agenda
June 28.2015	By Email	B&V/APCO/ArCon	TO 13 00016SHT: Revision of VOR"s 11,14,23,24,&25
June 28.2015	By Email	B&V/APCO/ArCon	TO 13-00016 SHT: Claimed damages for landowner in Beit Omar
June 28.2015	By Email	APCO/ArCon/ B&V	RE: TO 13 00016SHT: Revision of VOR"s 11,14,23,24,&25
June 28.2015	By Email	APCO/ArCon/ B&V	RE: TO 13-00016 SHT: Claimed damages for landowner in Beit Ummar
June 28.2015	By Email	B&V/APCO/ArCon	RE: TO 13 00016SHT: Revision of VOR"s 11,14,23,24,&25
June 28.2015	By Email	APCO/ArCon/ B&V	RE: TO 13 00016SHT: Damages to Land Owner Sta. 3+900
June 28.2015	By Email	APCO/ArCon/ B&V	RE: TO 13-00016 SHT: Progress Meeting #024_Agenda
June 29.2015	By Email	B&V/APCO/ArCon	FW: TO 13-00016 SHT: Backfilling W.O chamber at 5+894
June 30.2015	By Email	APCO/ArCon/ B&V	RE: TO 13-00016 SHT: Backfilling W.O chamber at 5+894
June 30.2015	By Email	B&V/APCO/ArCon	RE: TO 13-00016 SHT: Backfilling W.O chamber at 5+894
June 30.2015	By Email	APCO/ArCon/ B&V	RE: TO 13-00016 SHT: Backfilling W.O chamber at 5+894
June 30.2015	By Email	APCO/ArCon/ B&V	Work Stoppage
June 30.2015	By Email	B&V/APCO/ArCon	RE: TO 13-00016 SHT: Backfilling W.O chamber at 5+894
June 30.2015	By Email	B&V/APCO/ArCon	RE: Work Stoppage

PAYMENTS:

Voucher Number	Submitted Date	Amount	Retention Amount	Amount Received	Date Received
01	January 21, 2014	$ 565,013.45	$0.00	$ 565,013.45	January 31, 2014
02	April 07, 2014	$ 59,047.20	$0.00	$ 59,047.20	April 30, 2014
03	May 07, 2014	$ 65,195.75	$0.00	$ 65,195.75	May 23, 2014
04	June 12, 2014	$ 260,650.49	$0.00	$ 260,650.49	June 27, 2014
05	July 17, 2014	$ 584,233.29	$0.00	$ 584,233.29	August 13, 2014
06	Sep. 09, 2014	$ 900,255.02	$0.00	$ 900,255.02	Sep. 22, 2014
07	Oct. 27, 2014	$ 1,499,506.90	$0.00	$ 1,499,506.90	Nov. 07, 2014
08	Nov. 30, 2014	$ 862,294.92	$0.00	$ 862,294.92	Dec. 15, 2014
09	Jan. 15, 2015	$ 1,115,674.52	$0.00	$ 1,115,674.52	Jan. 29, 2015
10	Feb. 11, 2015	$ 785,754.80	$0.00	$ 785,754.80	Feb. 19, 2015
11	March 21, 2015	$ 810,683.79	$0.00	$ 810,683.79	Mar. 30, 2015
12	April 28, 2015	$1,075,715.43	$0.00	$1,075,715.43	May 08, 2015
13	June 26, 2015	$1,220,159.43	$0.00	$1,220,159.43	June 30, 2015
Total		**$9,804,184.99**	**$0.00**	**$9,804,184.99**	
APCO/ArCon total accrued expenditures			**$3,166,779.01**		

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VARIATION ORDERS

VO No.	DESCRIPTION	VO Status (AP/PE/RE/RJ)			Date Sent to B&V	USAD Approval Date	Variation order Amount	Time Ex. Days
		APCO	B&V	USAID				
01	Substitution of Concrete New Jersey Barriers with Steel Guardrails. New Definitive Quantities due to Substitution of Boulders Wall (Marabee) with Reinforced Concrete Walls and Correction of Typo Errors in the Bill of Quantities.	AP	AP	AP	Jun. 23, 2014	July 02, 2014	$210,185.00	00
02	De-scoping of Dirt Roads Asphalt Overlay in Area C, Asphalt Reinstatement Over Distribution Pipelines' Trenches, Substitution of the Surge Control System with Bladder Surge System and New Project Definitive Quantities.	AP	AP	AP	Nov. 17, 2014	Nov. 26, 2014	$(600,830.50)	00
03	New Alignment For the 30" Transmission Pipeline, Additional Asphalt Work and Time Extension.	AP	AP	AP	Dec. 31, 2014	Jan. 21, 2015	$530,894.00	30
04	Changes in Chambers, New Items, New Definitive Quantities and Time Extension	AP	AP	AP	May 17, 2015	May 21, 2015	$549,541.98	36

AP: Approved PE: Pending RE: Revise RJ: Rejected

VARIATION ORDER REQUESTS:

VOR No.	DESCRIPTION	Date Sent to B&V	Variation order Amount	Time Ex.
01-A	Use of steel protection rail instead of New Jersey barriers.	March 23, 2014	$0.00 Approved - VO#01	00 Day
02-A	New definitive quantities (Concrete, Steel Bar, Structural excavation, & Stone Boulders)	May 15, 2014	$465,250.00 Approved -VO#01	00 Day
03-A	New Item; 1) Construction of Road Embankment due to elimination of Stone Boulders with Concrete walls. 2) Asphalt reinstatement over trenches.	June 12, 2014	$534,110.12 Revise Resubmit	00 Day
03-B	New item- Asphalt restoration works over 8", 6", 4" and 3" water network trenches.	Aug. 20, 2014	$163,251.68 Revise Resubmit	00 Day
03-C	New item (Asphalt restoration works over 8", 6", 4" and 3" water network trenches)		$ 136,341.36 Closed under VO#02	00 Day
04-A	New item- Bladder Surge System	Sep. 30, 2014	$89,560 Rejected	00 Day
04-B		Nov. 9, 2014	$ 43,450.00 Closed under VO#02	00 Day
05-A	New items- Additional backfilling works from sta. 7+100 to sta. 7+500.	Oct. 12, 2014	$60,720 Rejected	00 Day
05-B	New items- Additional backfilling works from sta. 7+100 to sta. 7+500.	Dec. 30, 2014	$43,501.6 Revise Resubmit	00 Day
06-A	New items- Connection chamber at sta. 1+280 changes in the requirements.	Oct. 12, 2014	$11,716 Revise Resubmit	00 Day
07-A	Time extension - Changing 30" waterline alignment from sta. 9+070 to sta. 11+500 (revised design), cost and time impact.	Oct. 30, 2014	$266,750 Closed under VO#03	37 Days
08-A	New items- Changing 30" waterline alignment from sta. 9+070 to sta. 11+500 (revised design).	Oct. 30, 2014	$110,700 Closed under VO#03	00 Day

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VOR No.	DESCRIPTION	Date Sent to B&V	Variation order Amount	Time Ex.
09-A	Changes in requirements, revised scope of work and new items: Revised design chamber requirements.	Nov. 18, 2014	To be Evaluated Revise Resubmit	00 Day
09-B		Mar. 19, 2015	To be Evaluated In progress	00 Day
10-A	Changes in the requirements and additional works: Geotechnical Investigation for the Revised Pipeline Alignment from Sta. 9+070 to Sta. 12+000.	Dec. 04, 2014	$7,500 Closed under VO#03	00 Day
11-A	Changes in the requirements and revised scope of work: New common Trench details.	Dec. 22, 2014	To be Evaluated Not approved	00 Day
12-A	Additional works: Cathodic Protection for certain segments of main water pipeline.	Dec. 23, 2014	$149,593.50 Revised	18 weeks from start to finish
12-B	Additional works: Cathodic Protection for certain segments of main water pipeline.	Dec. 29, 2014	$139,944.50 Closed under VO#03	18 weeks from start to finish
13-A	Changes in the requirements and revised scope of work: New Storm Water Pipe line (500,800 and 1000) mm	Feb. 05, 2015	To be Evaluated Revised	To be submitted later
13-B		Feb. 26, 2015	To be Evaluated Revise Resubmit	
13-C		Mar. 08, 2015	To be Evaluated Noted	30 Calendar days
14-A	Changes in the requirements and revised scope of work: Trench zone and final backfill and Asphalt reinstatement	Feb. 18, 2015	To be Evaluated Noted	00 Day
15-A	New 75 mm network water pipe line at Beit-Ummar Sta. (3+520 to Sta.3+780) and Sta. (3+900 to 4+370)	Mar. 01, 2015	To be Evaluated Noted	00 Day
16-A	Asphalt leveling Course (New BOQ line item)	Apr. 20, 2015	$69,000 Noted	To be submitted
17-A	Comprehensive time impact analysis for weather and security conditions delays	Apr. 26, 2015	$0.00 In Progress	32 Calendar days
18-A	New item (Additional Scope): Supply, install and commissioning standby diesel generator set, instruments and miscellaneous works at Halhul water tank	Apr. 27, 2015	To be Evaluated Revised	To be submitted
18-B		Apr. 29, 2015	To be Evaluated In progress	35 to 40 days
19-A	Changes in the requirements and revised scope of work: New 75 mm network water pipe line at Beit-Ummar Sta. (3+520 to 3+780) and Sta. (3+900 to 4+370) and new 75 mm crossing water pipeline from Sta. 6+900 to 7+430	Apr. 29, 2015	To be Evaluated In progress	00 Day
20-A	Changes in the requirements and revised scope of work: Construction of single size Lateral trench depth up to 4.0 meter	Apr. 29, 2015	$7,407.2 In progress	00 Day
21-A	Supply and install 8" UPVC Drainage pipe including 600 mm dia. Precast concrete manhole.	Apr. 29, 2015	$8,619 In progress	00 Day
22-A	Comprehensive time impact analysis	May 05, 2015	$-- In progress	48 Days
23-A	Revised scope of work and New items: Revised design of Halhul reservoir requirements.	May 17, 2015	$342,808.0 Revise resubmit	00 Day
24-A	New Scope - Construction of reinforced concrete retaining wall adjacent to existing structure from Sta. 7+376 to Sta. 7+389 L.H.S	May 19, 2015	$ 8,477.5 QTYs to be paid under BOQ items	00 Day
25-A	Revised scope of work: Additional cost incurred due to revised location of Bladder tank and Mekerot requirements.	June 10, 2015	$19,215.00 Revise resubmit	00 Day

OBSTACLES AND CHALLENGES	
Obstacle	**Action**
1. Landowners' objections on R.O.W. caused sub-grade and basecourse preparation work stoppage from St. 3+580 to St. 3+620 since Dec. 31, 2014 up to date.	1. APCO informed the CMC via. email and coordinated with Beit Ummar Municipality to solve this issue. Despite all efforts expanded by the contractor and CMC. On June 30, 2015 contractor could not work on subgrade preparation in this area due to landowner objections who forced the field staff in the presence of BV Engineer to leave the site. An email about this incident was sent to CMC on June 30, 2015, Contractor resumed works next day after resolving issue by Beit Ummar Municipality. Asphalt works for the entire road section is on hold until final resolution.
2. As a continuation to point 01- road construction works were stopped in Beit Ummar at several locations due to local citizens' dispute on road alignment and R.O.W. Stopped activities are as the following: a. Subgrade layer preparation from sta. 3+480 to 3+600. Contractor plan was to handover this section on June 27 before starting base course layer. During a joint inspection with CMC on June 30, 2015, landowner objected again on R.O.W. from St. 3+500 to St. 3+600. b. Casting foundation of the retaining wall from sta. 3+630 to 3+655 LHS, noting that works started on June 17, 2015 after Beit Ummar Municipality finished road widening. c. Base course layer preparation from sta. 3+680 to 3+780. d. Excavation works to construct new retaining wall from St. 3+680 to St. 3+685 RHS as the landowner refused the new wall location, works were stopped on June 24, 2015.	2. CMC was informed via email and through site memo No. SM-13-00016-SHT-C-E-068 on June 28, 2015 reporting these work disruptions and delay to the CMC and requesting CMC instructions and assistance to resolve these issues. CMC responded through site memo No. SM-13-00016-SHT-E-C-093 on June 28, 2015 attaching a letter from Beit Ummar Municipality that indicate that the Municipality resolved landowners objections from St. 3+500 to St. 3+780 and the contractor can resume works at this section.
3. Work Stoppage at air release valve chamber at St. 6+060 at Karmi Tzur due to objection of landowner who damaged all installed formwork and safety fence and threatened the Task Order Manager, he firmly said "he is willing to kill anyone who attempts to work in the area". Works were stopped since April 21, 2015.	3. APCO informed CMC officially regarding this incident via site memo No. SM-13-00016-SHT-C-E-033 on April 21, 2015. CMC returned on April 29, 2015 via SM-13-00016-E-C-067 and instructed the Contractor to replace the cast in-situ chamber with precast chamber. Unfortunately, this action including intensive coordination with Halhul Municipality did not resolve the landowner objection. On May 31, 2015 Contractor issued another site memo No. SM-13-00016-SHT-C-E-053 informing the CMC of this matter and requesting BV assistance. Chamber at Sta.6+060 was installed on June 07, 2015 according to USAID and CMC verbal instruction that contractor can resume works as this issue was resolved by Halhul Municipality. Issue resolved.

4. Stoppage of work (basecourse and asphalt works from St. 3+900 to St. 4+300 in Beit Ummar due to landowner objecting on road profile and damage to his house wall (landowner property is located at St. 3+920) who claiming that the new road profile will adversely affect his building. Works were stopped from May 18, 2015 to date.	4. CMC was informed via. site memo No. SM-13-00016-SHT-C-E-042 on May 18, 2015. Contractor sent workers two times , first time on May 20th , and second time on June 21, 2015 to repair damaged wall , on May 26th the contractor tried to speak to the owner and asked his consent to allow the workers do the repairs, he refused. On June 18, 2015 the CMC issued site memo No. SM-13-00016-E-C-087 indicating that the issue with landowner at St. 3+920 was resolved and instructed the contractor to lower the PGL from St. 3+910 to St. 3+980. On June 21 this owner showed up at station 3+500 and talked to project PM indicating he is not convinced with lowering road profile, and threatened the P.M. Another person showed up also chastising the PM for not installing asphalt in that area (asphalt for that area was scheduled at the start of June but contractor could not because of the owner). Contractor sent an email to CMC on June 22, 2015 indicating that the contractor will no longer authorize any work in this area until a clear and swift decision /direction is made by the CMC and Municipality and the safety of contractor's workers is assured. CMC returned that USAID have to decide on this issue. On June 28, 2015 CMC issued SM-13-00016-E-C-092 including a letter from Beit Ummar Municipality requesting to lower road P.G.L (25 to 27cm) to provide access to owner stores. Issue is still pending CMC final decision on this issue.
5. Halhul Municipality works between St. 7+400 and St. 7+460 LHS and the access road at St. 7+440 caused work disruption: a. Removing of 12 l.m. of installed curbstone at simple access at St. 7+440 RHS during demolishing of existing wall from St. 7+413 to St. 7+430 LHS for road widening. b. Changing simple access road profile at St. 7+440 LHS.	5. Contractor informed the CMC through site memo No. SM-13-00016-SHT-C-E-056 on June 01, 2015 and reported this work disruption and delay to the CMC and indicating that he will not be responsible for any defects that may occur in future as a result of Municipality work.
6. Disruptions in asphalt works due to Halhul Municipality spontaneous works – demolishing installed curbstone from St. 7+485 to St. 7+510 after the curb was installed by the contractor and finishing the 2nd layer of Basecourse noting that the curbstone was installed after joint coordination meetings and site visits with Municipality engineer. These works by Municipality disturbed finished basecourse layer and caused disruptions to asphalt schedule and works at this section.	6. Contractor submitted site memo No. SM-13-00016-SHT-C-E-061 on June 14, 2015 reporting this work disruption to the CMC. Contractor asphalted the mentioned road section on the same day and the Municipality returned after finishing asphalt work and installed new curbstone. Adjacent businesses ramps works are still pending.
7. Asphalt work disruption by Halhul Municipality after excavating a road crossing to install 1" water pipeline at St. 10+780 RHS on June 13, 2015 right before contractor starting asphalt works from St. 10+600 to St. 10+900.	7. Contractor submitted site memo No. SM-13-00016-SHT-C-E-062 on June 14, 2015 reporting this work disruption to the CMC and indicating that he will not be responsible for any defects that may occur in future as a result of Municipality work and proceeded in asphalt works that was finished on the same day June 13, 2015.

8. Work disruption by Halhul Municipality during the installation of two water chambers at St. 9+680 and St. 10+000.	8. Contractor submitted site memo No. SM-13-00016-SHT-C-E-065 on June 20, 2015 reporting this work disruption to the CMC and indicating that he will not be responsible for any defects that may occur in future as a result of Municipality works.
9. Work disruptions and disturbing of finished basecourse layer by Beit Ummar Municipally during the removal of existing 2" water pipeline from St. 3+900 to St. 4+300.	9. Contractor submitted site memo No. SM-13-00016-SHT-C-E-063 on June 18, 2015 reporting this work disruption and delay to the CMC and requesting CMC instructions. This issue is related to mentioned issue No. 04 and pending CMC final decision.
10. Work disruptions and delay caused by Beit Ummar and Halhul Municipality works as detailed below: a. Beit Ummar Municipality excavation works for existing waterline house connection at road center at St. 3+770 caused delay in basecourse layer preparation from St. 3+700 to St. 3+780. b. Halhul Municipality excavation and backfilling works for house connections from St. 9+680 to St. 10+400 caused delay in asphalt wearing layer and disturbed the finished basecourse layer. c. Halhul Municipality excavation and construction of concrete walls for widened road section from St. 7+000 to St. 7+100 LHS. d. Halhul Municipality works at simple access road at St. 8+450 RHS left dumped materials at the road side. e. Halhul Municipality curbstone and excavation for sidewalks and building ramps from St. 7+485 to St. 7+500 RHS.	10. Contractor will submit a site memo to document all mentioned work delays and disruptions caused by Municipalities and indicate that contractor will not be responsible for any defects that may occur in future as a result of Municipalities works. An email was sent to CMC on June 28, 2015 regarding Halhul Municipality works from St. 9+680 to St. 10+400 that caused delay in asphalt wearing layer as the contractor waiting for Municipality to complete their house connections and other works. CMC replied that they are pushing the Municipality to complete their works to allow the asphalt and indicated works should be done in few days.
11. Preparation of base course layer was totally stopped on June 16, 2015 at Sta. 3+100 due to landowner objections (Mr. Khalid Ibragheeth) claiming the need for retaining wall construction at the boundary of for his land at RHS.	11. CMC was informed via email immediately, CMC responded on June 17, 2015 through email that this issue was resolved with landowner and instructed the contractor to proceed in works according to approved shop drawings.
12. Delay in curbstone, sidewalk and asphalt binder course works due to existing high voltage tower at St. 7+240 RHS and landowner objections on curbstone works from St. 7+480 to St. 7+500 RHS.	12. Contractor submitted site memo No. SM-13-00016-SHT-C-E-059 on June 07, 2015 requesting BV direction and assistance to resolve these issues to prevent further delays. The CMC responded through site memo No. SM-13-00016-SHT-E-C-085 on June 15, 2015 indicating that Hebron Electrical Company relocated the H.V. tower on June 11, 2015 and contractor can proceed with works. Regarding the landowner objections from St. 7+480 to St. 7+500 RHS CMC instructed the contractor to proceed with asphalt works 7.30m (carriage way only) at the mentioned section.

13. Stoppage of works in Beit Ummar due to landowners objections at the following locations: a. Concrete gravity wall from St. 3+537 to St. 3+555. b. Stone wall construction from St. 4+880 to St. 4+950 as the landowner (Mr. Hamid Bahar) built his own stone wall inside the road R.O.W and rejected the new location that was determined by Beit Ummar Municipality. c. Internal finishing works at air vent chambers at St. 4+081 and St. 4+082.	13. Several coordination meetings with Beit Ummar Municipality were conducted, but the Municipality was unable to resolve these issues. On May 31, 2015 the Contractor issued site memo No. SM-13-00016-SHT-C-E-054 to CMC requesting BV direction and assistance to resolve these issues to prevent further delays. a- The gravity wall issue was resolved on June 03, 2015 with owner who requested the contractor to open and access for his land. b- The stone wall issue was raised again through SM-13-00016-SHT-C-E-068 on June 28, 2015 and resolved after receiving CMC response through SM-13-00016-SHT-E-C-093 on June 28, 2015 indicating that Beit Ummar Municipality resolved owner issue. c- Site memo SM-13-00016-E-C-092 on June 28, 2015 included a letter from Beit Ummar Municipality requesting to lower road P.G.L (25 to 27cm) from St. 3+900 to St. 4+300 to resolve owner's objections and allow contractor resume works at the road and air vents. Issue is still pending CMC final decision on this issue.
14. Stone wall construction works stoppage at Beit Ummar from St. 5+220 to St. 5+330 due to landowner objections.	14. Contractor Coordinated with Beit Ummar Municipality Engineer to resolve this issue, CMC was informed via site memo No. SM-13-00016-SHT-C-E-036 on May 10, 2015. Contractor is still waiting for Municipality to carry out road widening. Issue is still pending.
15. Delay from Bethlehem DCL in approving access for Contractor staff to Gush Etzyon pump station to conduct required geotechnical investigation for the bladder tank concrete foundation design.	15. Coordination with Bethlehem started on May 05, 2015, on May 18, 2015 site memo No. SM-13-00016-SHT-C-E-043 was issued to CMC indicating that no progress was achieved to receive required approvals. Coordination efforts continued with Bethlehem DCL as detailed in the coordination log in this report. The DCL indicated in a meeting conducted on Feb. 24, 2015 that a construction permit is required for the surge tank. USAID indicated the entire project is already permitted with the Israelis and permit for the surge tank is not needed. On May 20, 2015 during the bi-weekly meeting this issue was discussed and USAID and CMC help was requested. On May 27, 2015 an email was sent to USAID indicating that this approval has to come from Ramallah DCL. APCO and BV coordinated with both Bethlehem and Ramallah DCLs and approval was received from Ramallah DCL only for soil testing and not to start construction works as clarified in an email from Bethlehem DCL on May 28, 2015. On June 09, 2015 a meeting was held at Bethlehem DCL (USAID, BV, and APCO) and a joint site visit with Mekorot was conducted later to discuss APCO staff site access and 30" pipeline connection to Mekorot pump station at Gush Ezyon. It was agreed on the followings: a. The scope of work will require pipe installation,

	and concrete foundation and walls for the surge tank. b. Access is required by multiple staff at different times for the next couple of months (until pipeline is in service) c. APCO/ArCon will submit the names and IDs of staff/workers that will need to work in the area. d. APCO/ArCon will submit a list of points of contact. Contractor coordinated with Mekorot and Bethlehem DCL to conduct 30" connection to Mekorot pump station near Gush Ezyon on June 13, 2015 and temporary 4" connection works were completed on June 14, 2015.
16. Landowners' objections on median curbstone works caused work stoppage from St. 7+180 to St. 7+210 requesting lowered instead of raised curbstone. Works were stopped from May 21, 2015 up to date.	16. CMC was informed via. site memo No. SM-13-00016-SHT-C-E-046 on May 21, 2015. Contractor still does not have direction. CMC issued site memo No. SM-13-00016-SHT-E-C-076 on June 07, 2015 instructing the contractor to install curbstone at mentioned section according to approved shop drawings.
17. Slow progress of 30" pipeline installation from St. 10+960 to Halhul reservoir at St. 11+960 due to existing underground (20" in-flow from Bani Naim, 36" in-flow from Saeer and 24" out-flow to Hebron reservoir - from St. 10+960 to St. 11+540 only one existing pipe 24"; from St. 11+540 to St. 11+600 two existing pipelines 24"and 36", and from St. 11+600 to St. 11+870 three existing pipes 20", 24" and 36") within the road leading to the reservoir caused delay in determining 30" pipeline alignment and preparation of shop drawings from St. 11+560 to Halhul reservoir. APCO QC Eng. Marziq was site engineer during the construction of the 36" in 1998, and APCO TOM for Nahaleen was also the oversight engineer for the consultant. Both confirmed that there are no as built drawings for installed pipelines. A test pit was performed at St. 11+560 and came close to hitting the existing 24" line but luckily we did not, and the line is approximately 1.7 meter below road surface.	17. Proceeding with new 30" line installation at designed depths will present challenges and will not be practical , and possibly unattainable given the fact that, in addition to crowded road (with pipelines) there are concrete thrust blocks at each line elbows (except for 20") that range from 6 to 18 cubic meter. APCO suggested the following approach: 1- Stick to the design cross section detail in this area to encase new pipe with concrete to minimize trench depth, hence, avoid likelihood of damaging existing lines. Shop drawings were requested to be revised from the designed concrete encasement to aggregate backfill, APCO suggest sticking to original design. 2- Consider raising the road profile in that area (400 meter or so) to further minimize possibility of damaging existing lines. APCO sent these suggestions to CMC via email on April 19, 2015. During the bi-weekly meeting conducted on Apr. 22, 2015 this issue was discussed and USAID agreed on APCO suggestion and requested APCO to perform additional test pits (across the road) to evaluate the condition and to plot the path of the existing lines. APCO did perform 5 tests and plotted the line as requested and confirmed previous requests of encasing the 30" pipe and raise the road profile as much as possible via email sent to CMC on April 24, 2015. CMC returned on April 25, 2014 and requested APCO to explore the entire section to the end of the project to exactly locate the X and Y for all underground utilities and resubmit to allow for comprehensive review and determination if existing utilities prevents constructing

	the project as designed or otherwise. APCO performed multiple test pits along the entire route to locate existing pipelines in a serious effort to avoid damaging them. Work was stopped to evaluate the route condition(s) on April 21st (at station 10+960) and resumed work on April 29th once evaluation was completed and decisions were made on how to proceed. The outcome of the evaluation necessitated alignment, elbows be revised, stone walls be temporarily demolished, and other obstacles such as earth piles and private fences and trellises be removed, despite all that navigating around concrete thrust blocks used for the existing pipe(s) was necessary (Contractor knew of their existence via test pits but not extent) The installation process has been moving forward according to CMC instructions received through an email on May 25, 2015 but at a much slower pace than previous sections of the route (implementing the work could not be planned ahead of time, contractor had to uncover, verify existing conditions, then prepare/fabricate fittings to suit field conditions). 30" pipeline production rate decreased to approximately 17 meters per day which is far below previous work. Work on the last approximately 400 meters will be slower because the three existing lines come closer together as they approach the reservoir. Contractor believes the stoppage of work and the current slow status of the work are beyond its control and caused by site conditions, accordingly the Contractor requested additional time to compensate lost production in a letter sent to USAID on June 24, 2015.
18. Illegal taping (2" coupling direct connection to installed 30" pipeline at St. 11+390). Another one (2" pipe) was found at St. 11+383. The two found illegal taping are located before and after precast washout chamber.	18. Contractor submitted site memo No. SM-13-00016-SHT-C-E-064 on June 20, 2015 reporting this incident to CMC. Contractor informed the local police to investigate this incident and is still waiting CMC direction.

PROGRESS PHOTOS:

Bladder surge tank ready to be shipped at USA Port.

30" pipeline Cathodic protection/ Drainage testing.

30" pipeline connection to Mekorot booster station at Gush Azyon from St. 0+000 to St. 0-015.

30" pipeline connection to Mekorot booster station at Gush Azyon from St. 0+000 to St. 0-015.

30" pipeline connection to Mekorot booster station at Gush Azyon (Disinfection Testing Device).

Asphalt binder layer at Al Hawawer at St. 7+192.

Casting concrete for the median at Al Hawawer at St. 3+200.

Compaction of basecourse 2nd layer at Al Hawawer at St. 7+300 RHS.

Asphalt binder layer at Al Hawawer at St. 7+300 RHS

Sub-grade layer preparation from St. 3+220 to St.3+440

Disinfection Testing.

Pressure testing for small diameters pipelines (3", 4", 6" and 8")

Casting concrete for gravity wall at St. 3+555.

Sub-grade layer preparation works from Sta. 2+670 to Sta.2+780.

Mechanical works and fittings installation inside chambers.

Mechanical works and fittings installation inside chambers.

Construction of washout chamber at St. 5+894.

Formwork and steel reinforcement for retaining wall foundation at St. 3+630 LHS.

Removing the existing electrical poles at Al Hawawer area.	Continue delivery of procured valves and fittings.
Preparation of 1st layer of base course from Sta. 8+270 to Sta.8+360.	Base course layer preparation at Halhul site St. 9+600

A │Materials- Equipments Receiving Log

Project: Deir Sha'ar Main Pipeline Project
USAID Contract No. 294-I-00-12-00005
Contractor: APCO/ArCon

Title: Equipment receiving log/June 2015

Date	Grader		Bob Cat		Road Marking Machine		Compactor		JCB		Excavator		Trencher		Welding Machine		MC Spraying Tank		Steel Roller		Truck		Crane		WATER TANK 10M3		Wheel Excavator		Asphalt Steel Roller		Asphalt Finisher		Mercedes Benz Van		Asphalt Cutting Machine		Small compactor (Jabca)		Pneumatic roller		Milling Machine	
	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle	Quantity in use	Quantity idle
1-Jun-15	2						2		3		1				2						9		1		2				1		1		1						1			
2-Jun-15	2						2		7		2				2						15		1		2								1									
3-Jun-15	2						2		7		2				2						15		1		2								1									
4-Jun-15	2						2		7		2				2						15		1		2								1									
5-Jun-15																																										
6-Jun-15	1	1					2		7		2				2						15		1		2								1									
7-Jun-15	1	1					2		7		2				2						15		1		2								1									
8-Jun-15	1	1					2		7		2				2						15		1		2								1									
9-Jun-15	1	1					2		7		2				2						15		1		2								1									
10-Jun-15	1	1					2		7		2				2						15		1		2								1									
11-Jun-15	2						2		7		2				2						15		1		2								1									
12-Jun-15																																										
13-Jun-15	2						2		7		2				2						15		1		2								1									
14-Jun-15	1	1					2		7		2				2						15		1		2								1									
15-Jun-15	2						2		7		2				2						15		1		2				1		1		1						1			
16-Jun-15	2						2		7		2				2						15		1		2								1									
17-Jun-15	2						2		7		2				2						15		1		2				1		1		1						1			
18-Jun-15	2						2		7		2				2						8		1		2				1		1		1						1			
19-Jun-15																																										
20-Jun-15	1						1		3		1	1			2						6		1		1								1				1					
21-Jun-15	1						1		3		1	1			2						6		1		1								1				1					
22-Jun-15	1						1		3			2			2						5		1		1				1		1		1				1		1			
23-Jun-15	1						1		3			2			2						5		1		1								1				1					
24-Jun-15	1						1		3		1	1			2						5		1		1								1				1					
25-Jun-15	1						1		3		1	1			2						5		1		1								1				1					
26-Jun-15																																										
27-Jun-15	1						1		3		1	1			2						5		1		1								1				1					
28-Jun-15	1						1		3		1	1			2						5		1		1								1				1					
29-Jun-15	1						2		3		1	1			2						5		1		1								1				1					
30-Jun-15	2						2		3		2				2						5		1		1								1				1					

Project: Deir Sha'ar Main Pipeline Project
USAID Contract No. 294-I-00-12-00005
Contractor: APCO/ArCon

Title: Materials Receiving Log/ June, 2015

Date	Material Delivered to Site	Quantity
1-Jun	Bedding material (Semsem)	100 m3
	Single size	100 m3
	Asphalt	520 ton
	Concrete B200	48 m3
2-Jun	Bedding material (Semsem)	200 m3
	Single size	250 m3
	Base course	32 ton
	Concrete B200	45 m3
3-Jun	Bedding material (Semsem)	100 m3
	Single size	100 m3
	Base course	230 ton
	concrete B200	27 m3
4-Jun	Bedding material (Semsem)	100 m3
	Single size	100 m3
	Base course	430 ton
5-Jun		
6-Jun	Base course	260 ton
7-Jun	Bedding material (Semsem)	100 m3
	Single size	100 m3
	Base course	35 ton
8-Jun	Bedding material (Semsem)	60 m3
	Single size	80 m3
	Base course	525 ton
	Concrete B200	27 m3
	Concrete B250	45 m3
9-Jun	Bedding material (Semsem)	80 m3
	Single size	80 m3
	Concrete B350	9 m3
	Concrete B200	27 m3
10-Jun	Bedding material (Semsem)	100 m3
	Single size	100 m3
	Concrete B200	27 m3
11-Jun	Concrete B200	36 m3
12-Jun		
13-Jun	Bedding material (Semsem)	60 m3
	Single size	100 m3
	Base course	250 ton

Project: Deir Sha'ar Main Pipeline Project
USAID Contract No. 294-I-00-12-00005
Contractor: APCO/ArCon

Title: Materials Receiving Log/ June, 2015

Date	Material Delivered to Site	Quantity
14-Jun	Bedding material (Semsem)	100 m3
	Single size	100 m3
	Base course	500 ton
	Concrete B200	39 m3
15-Jun	Base course	395 ton
	Concrete B200	36 m3
16-Jun	Bedding material (Semsem)	100 m3
	Single size	100 m3
	Concrete B350	3 m3
17-Jun	Concrete B250	10 m3
18-Jun		0.00
19-Jun		
20-Jun		0.00
21-Jun	Base course	66 ton
22-Jun	Base course	35 ton
23-Jun	Concrete B200	54 m3
24-Jun	Concrete B200	45 m3
25-Jun	Bedding material (Semsem)	30 ton
26-Jun		
27-Jun	Base course	366 ton
	Single size	18 m3
28-Jun	Base course	164 ton
29-Jun	Base course	240 ton
30-Jun	Base course	308 ton

B | Detailed Time Schedule for the Project
Proposed Baseline Schedule

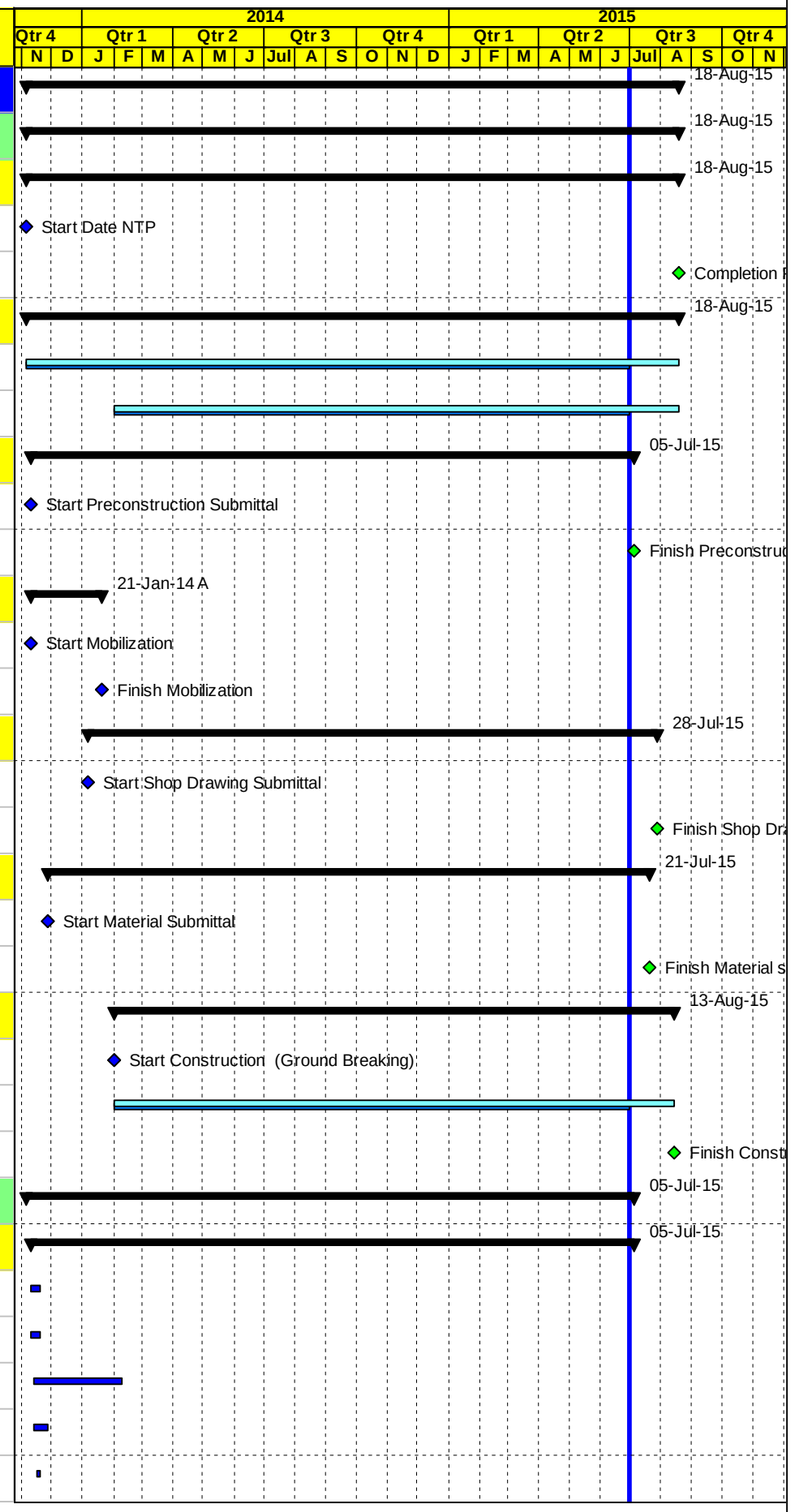
APCO/ArCon CONSTRUCTION AND SERVICES

Construction Program

Updated June 30, 2015

TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
Deir Sha'aar Main Pipeline Project		651d		06-Nov-13 A	18-Aug-15	-35d
Milestones		651d		06-Nov-13 A	18-Aug-15	-35d
General Milestones		651d		06-Nov-13 A	18-Aug-15	-35d
SHT0010	Start Date NTP	0d	100%	06-Nov-13 A		
SHT0020	Completion Project	0d	0%		18-Aug-15	-35d
Task order Duration		555d		06-Nov-13 A	18-Aug-15	-35d
SHT0030	Project Duration (Calendar Days)	550d	91.11%	06-Nov-13 A	18-Aug-15	-35d
SHT0040	Project Duration (Working Days)	425d	90.84%	01-Feb-14 A	18-Aug-15	-27d
Pre Construction Milestones		430d		10-Nov-13 A	05-Jul-15	7d
SHT0050	Start Preconstruction Submittal	0d	100%	10-Nov-13 A		
SHT0060	Finish Preconstruction Submittal	0d	0%		05-Jul-15	7d
Mobilization Milestones		24d		10-Nov-13 A	21-Jan-14 A	
SHT0065	Start Mobilization	0d	100%	10-Nov-13 A		
SHT0070	Finish Mobilization	0d	100%		21-Jan-14 A	
Shop Drawing Milestones		458d		07-Jan-14 A	28-Jul-15	-9d
SHT0075	Start Shop Drawing Submittal	0d	100%	07-Jan-14 A		
SHT0080	Finish Shop Drawing Submittal	0d	0%		28-Jul-15	-9d
Material Milestones		458d		28-Nov-13 A	21-Jul-15	-2d
SHT0090	Start Material Submittal	0d	100%	28-Nov-13 A		
SHT0095	Finish Material submittal	0d	0%		21-Jul-15	-2d
Construction Milestones		422d		01-Feb-14 A	13-Aug-15	-24d
SHT1100	Start Construction (Ground Breaking)	0d	100%	01-Feb-14 A		
SHT1105	Construction Duration (Working Days)	322d	89.17%	01-Feb-14 A	13-Aug-15	-24d
SHT1110	Finish Construction Phase	0d	0%		13-Aug-15	-24d
Pre Construction Phase		547d		06-Nov-13 A	05-Jul-15	-22d
Pre Construction Submittals		543d		10-Nov-13 A	05-Jul-15	-22d
SHT0120	Scheduling Qualification Submittals	10d	100%	10-Nov-13 A	20-Nov-13 A	
SHT0114	Bank Guarantee Certificates	10d	100%	10-Nov-13 A	20-Nov-13 A	
SHT0118	Field Offices Furniture & Equipment Plan	10d	100%	13-Nov-13 A	09-Feb-14 A	
SHT0116	Field Offices Location & Layout	10d	100%	13-Nov-13 A	27-Nov-13 A	
SHT0136	Temporary and Permanent Project Sign Plan	10d	100%	17-Nov-13 A	19-Nov-13 A	



◆ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar — Level of Effort

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APCO ArCon CONSTRUCTION AND SERVICES

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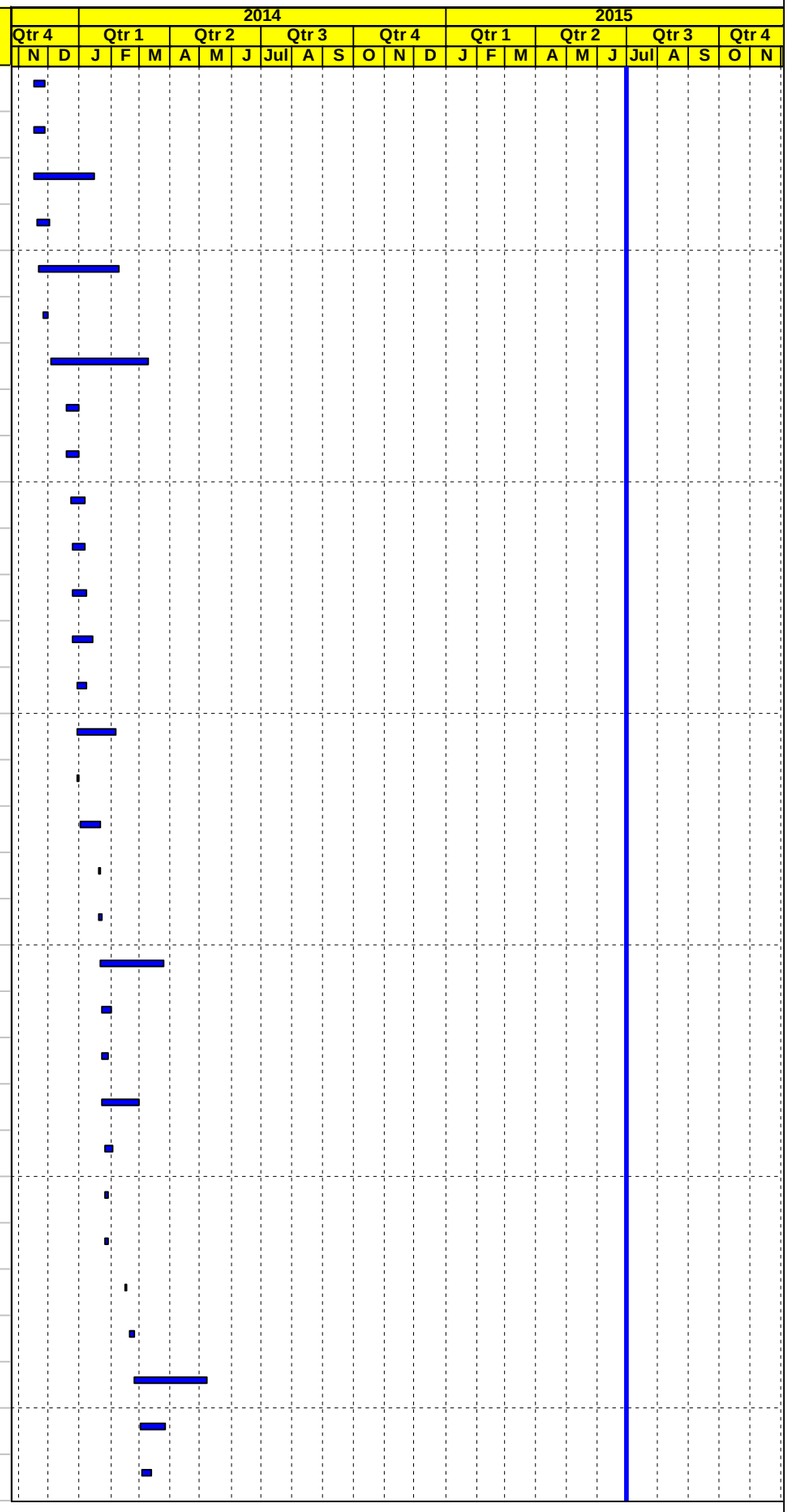
TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT0138	60-Day Plan of Operation	10d	100%	17-Nov-13 A	27-Nov-13 A	
SHT0140	Project Overview Bar Chart	10d	100%	17-Nov-13 A	27-Nov-13 A	
SHT0122	Submittals Schedule	10d	100%	17-Nov-13 A	16-Jan-14 A	
SHT0124	Testing Lab	10d	100%	20-Nov-13 A	01-Dec-13 A	
SHT0134	Existing Survey Plan from Sta.0+000 to Sta.2+700	10d	100%	21-Nov-13 A	09-Feb-14 A	
SHT0146	Coordination with local Authorities Plan including list of permits & and licenses	10d	100%	26-Nov-13 A	01-Dec-13 A	
SHT0150	CPM-Construction Schedule and S-Curve	10d	100%	03-Dec-13 A	11-Mar-14 A	
SHT0134-new	Survey Plan from Sta.2+700 to Sta.6+000	10d	100%	19-Dec-13 A	31-Dec-13 A	
SHT0135-new	Survey Plan from Sta.6+000 to Sta.7+650	10d	100%	19-Dec-13 A	31-Dec-13 A	
SHT0128	Insurances	10d	100%	23-Dec-13 A	07-Jan-14 A	
SHT0152	USAID Branding Plan	10d	100%	25-Dec-13 A	07-Jan-14 A	
SHT0143	QCP-Quality Control Program (QC/QA PLAN)	10d	100%	25-Dec-13 A	08-Jan-14 A	
SHT0142	Safety Plan	10d	100%	25-Dec-13 A	14-Jan-14 A	
SHT0144-new	Traffic Control Plan from Sta.7+090 to Sta.7+500 LHS	5d	100%	29-Dec-13 A	08-Jan-14 A	
SHT0144	Method Statement including asphalt disposal,pipeline install,formworks,curing,storm sys., paint curb., patching &R. mark	10d	100%	29-Dec-13 A	06-Feb-14 A	
SHT0126	Key Personnel Plan	10d	100%	30-Dec-13 A	31-Dec-13 A	
SHT0155	Dilapidation Survey/Phase 01- From St. 0+700 to St. 4+400 and From St. 6+230 to St. 11+460	10d	100%	02-Jan-14 A	22-Jan-14 A	
SHT0155-new	Dilapidation Survey - Phase 02- From St. 0+000 to St.0+700 and From St. 4+400 to St. 6+200.	10d	100%	20-Jan-14 A	22-Jan-14 A	
SHT0148	Proposed Staging and Storage area location	10d	100%	20-Jan-14 A	23-Jan-14 A	
SHT0163	Welding procedure	10d	100%	22-Jan-14 A	26-Mar-14 A	
SHT0157	Environmental Mitigation Plan	10d	100%	23-Jan-14 A	02-Feb-14 A	
SHT0156	Risk Management Program - Phase 01- From St. 0+000 to St.2+700 and From St. 6+800 to St. 7+515	10d	100%	23-Jan-14 A	30-Jan-14 A	
SHT0158	Traffic Control Plan from Sta.0+000 to Sta.2+374 -Deir Sha'ar distribution pipeline 8" pipe in Beit Ummer town	10d	100%	23-Jan-14 A	02-Mar-14 A	
SHT0136-new	Survey Plan from Sta.7+093 to Sta.7+220	10d	100%	26-Jan-14 A	03-Feb-14 A	
SHT0157-new	Proposed Dumping area	10d	100%	26-Jan-14 A	30-Jan-14 A	
SHT0162	Public relation plan	10d	100%	27-Jan-14 A	29-Jan-14 A	
SHT0160	Trench safety plan	10d	100%	16-Feb-14 A	17-Feb-14 A	
SHT0164-new	3 inch Procedure Qualification Record (PQR)	10d	100%	20-Feb-14 A	24-Feb-14 A	
SHT0159-new	Traffic Control Plan -Phase I -from Sta.0+000 to Sta.2+800-Deir Sha'ar Water Transmission Project	10d	100%	24-Feb-14 A	08-May-14 A	
SHT0200-new	Radiographic Testing Safety Plan	10d	100%	03-Mar-14 A	27-Mar-14 A	
SHT0165	Welders Qualifications (Certificate for Welder Fadi Shuebeha)	10d	100%	05-Mar-14 A	13-Mar-14 A	



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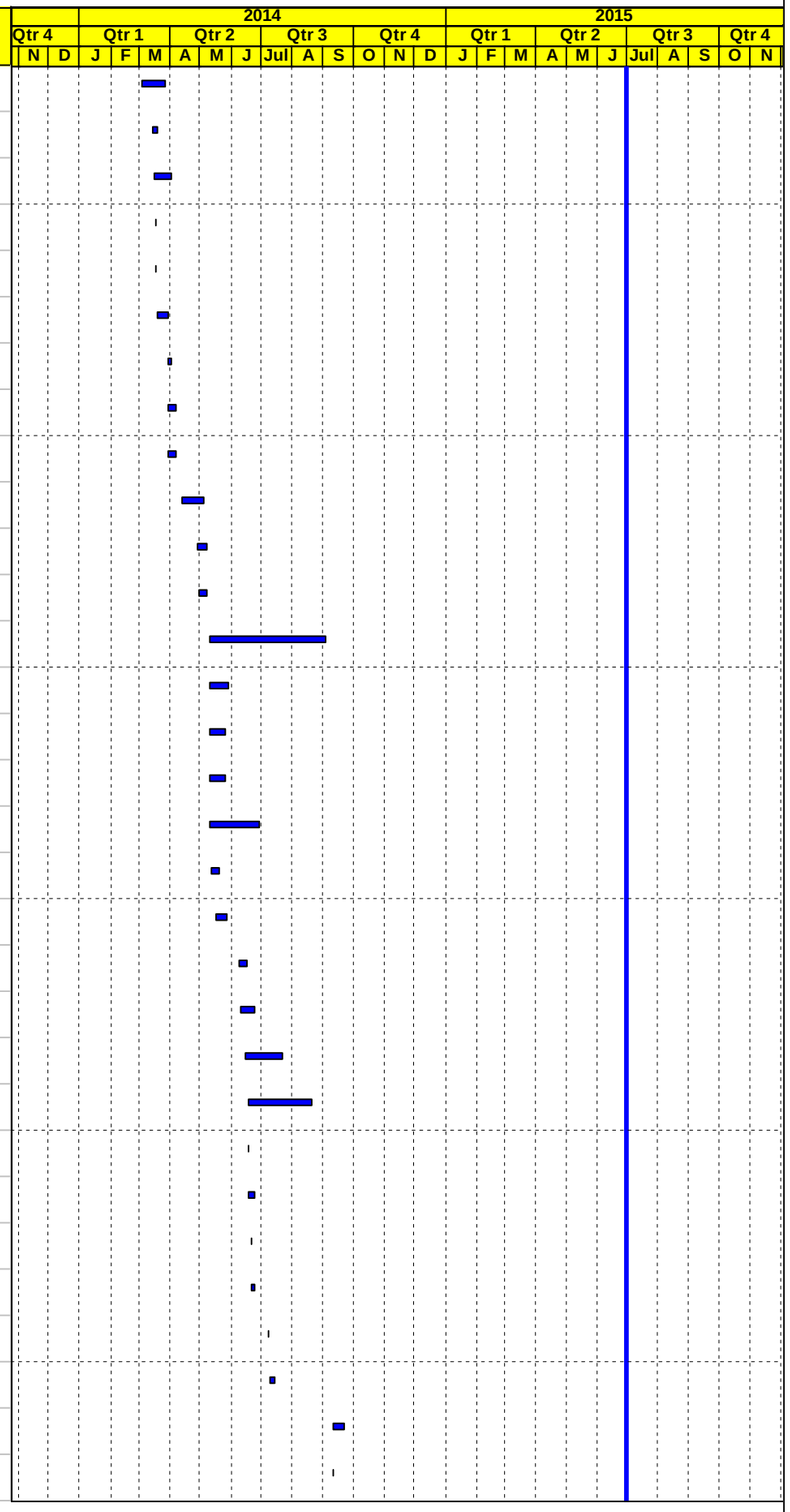
SHT0166-new	8"-12" Procedure Qualification Record (PQR)	10d	100%	05-Mar-14 A	27-Mar-14 A	
SHT0203-new	Radiographic Testing (RT) Method Statement	10d	100%	15-Mar-14 A	20-Mar-14 A	
SHT0138-new	Specific Method Statement -3" To 12" Pipeline Installation ,welding procedure and Testing	10d	100%	16-Mar-14 A	02-Apr-14 A	
SHT0168-new	Dilapidation Survey -Beit Ummar 8" Network	10d	100%	18-Mar-14 A	19-Mar-14 A	
SHT0196-new	Risk Management Program - Beit Ummar 8" Network	10d	100%	18-Mar-14 A	19-Mar-14 A	
SHT0167-new	Survey Plan from Sta.0+000 to Sta.1+225-Al Aroub Road	10d	100%	20-Mar-14 A	30-Mar-14 A	
SHT0197-new	Dilapidation Survey -Al-Aroub Connection 4" & 6"	10d	100%	30-Mar-14 A	02-Apr-14 A	
SHT0198-new	Risk Management Program -Al-Aroub Connection 4" & 6"	10d	100%	31-Mar-14 A	08-Apr-14 A	
SHT0199-new	8" Water steel pipe work installation -Method of Statement	10d	100%	31-Mar-14 A	08-Apr-14 A	
SHT0137-new	Survey Plan from Sta. 9+890 to Sta. 11+463	10d	100%	13-Apr-14 A	05-May-14 A	
SHT0201-new	Survey Plan from Sta. 7+650 to Sta. 9+890	5d	100%	29-Apr-14 A	08-May-14 A	
SHT0209-new	Revised Survey Plan from Sta. 4+200 to Sta. 5+700	10d	100%	30-Apr-14 A	08-May-14 A	
SHT0202-new	Specific Method Statement -Testing (Hydrostatic, Disinfection /Flushing) -760 mm steel pipe Sch 20 /WT 12.7 mm	10d	100%	11-May-14 A	04-Sep-14 A	
SHT0204-new	30 inch Pipeline Entry -Safety Method Statement (Confined Space)	10d	100%	11-May-14 A	29-May-14 A	
SHT0207-new	Internal Cement Lining Repair Method Statement	10d	100%	11-May-14 A	26-May-14 A	
SHT0208-new	Mortar Fill after welding / layback Space closure Method Statement	10d	100%	11-May-14 A	26-May-14 A	
SHT0206-new	Pipes Loading & Unloading -Specific Method Statement	10d	100%	11-May-14 A	29-Jun-14 A	
SHT0178-new	Traffic Control Plan from Sta.6+800 to Sta.7+500	10d	100%	13-May-14 A	20-May-14 A	
SHT0177-new	30 inch Pipe Welding Procedure Qualification Record	10d	100%	18-May-14 A	28-May-14 A	
SHT0180-new	Risk Management Program –Phase 02 from Sta.2+800 to Sta.6+800 and from Sta. 7 +515 to the End of the Project	10d	100%	10-Jun-14 A	17-Jun-14 A	
SHT0185-new	Specific Method Statement - 30" pipe installation 0+000 - 1+200	10d	100%	11-Jun-14 A	24-Jun-14 A	
SHT0190-new	Ultrasonic Weld Inspection Procedure 12" -30" Pipe line welds	10d	100%	15-Jun-14 A	23-Jul-14 A	
SHT0195-new	Traffic Control Plan from Sta.0+000 to Sta.1+350 -Halhul Water Distribution Network -Shahera Water Pipeline	10d	100%	18-Jun-14 A	20-Aug-14 A	
SHT0220-new	Traffic Control Plan from Sta.0+000 to Sta.1+110 -Halhul Water Distribution Network -Zaboud Water Pipeline	10d	100%	18-Jun-14 A	19-Jun-14 A	
SHT0225-new	Dilapidation Survey- 8" Halhul Network (Zaboud)	10d	100%	19-Jun-14 A	25-Jun-14 A	
SHT0300-new	Qualified Welder Resume and Certificates (Jihad Ghatasheh)	10d	100%	22-Jun-14 A	22-Jun-14 A	
SHT0310-new	Risk Management Program - 8" Halhul Network (Zaboud)	10d	100%	22-Jun-14 A	25-Jun-14 A	
SHT0325-new	Traffic Control Plan for Al Arrub Water Networks	10d	100%	08-Jul-14 A	09-Jul-14 A	
SHT0326-new	Traffic Control Plan for Al Nabi Younes Intersection	10d	100%	10-Jul-14 A	15-Jul-14 A	
SHT0327-new	Traffic Control Plan for Al Nabi Younes Intersection 6" & 8" from Sta.0+000 to Sta.1+300	10d	100%	11-Sep-14 A	22-Sep-14 A	
SHT0328-new	Traffic Control Plan from Sta.7+500 to Sta.9+100	10d	100%	11-Sep-14 A	11-Sep-14 A	



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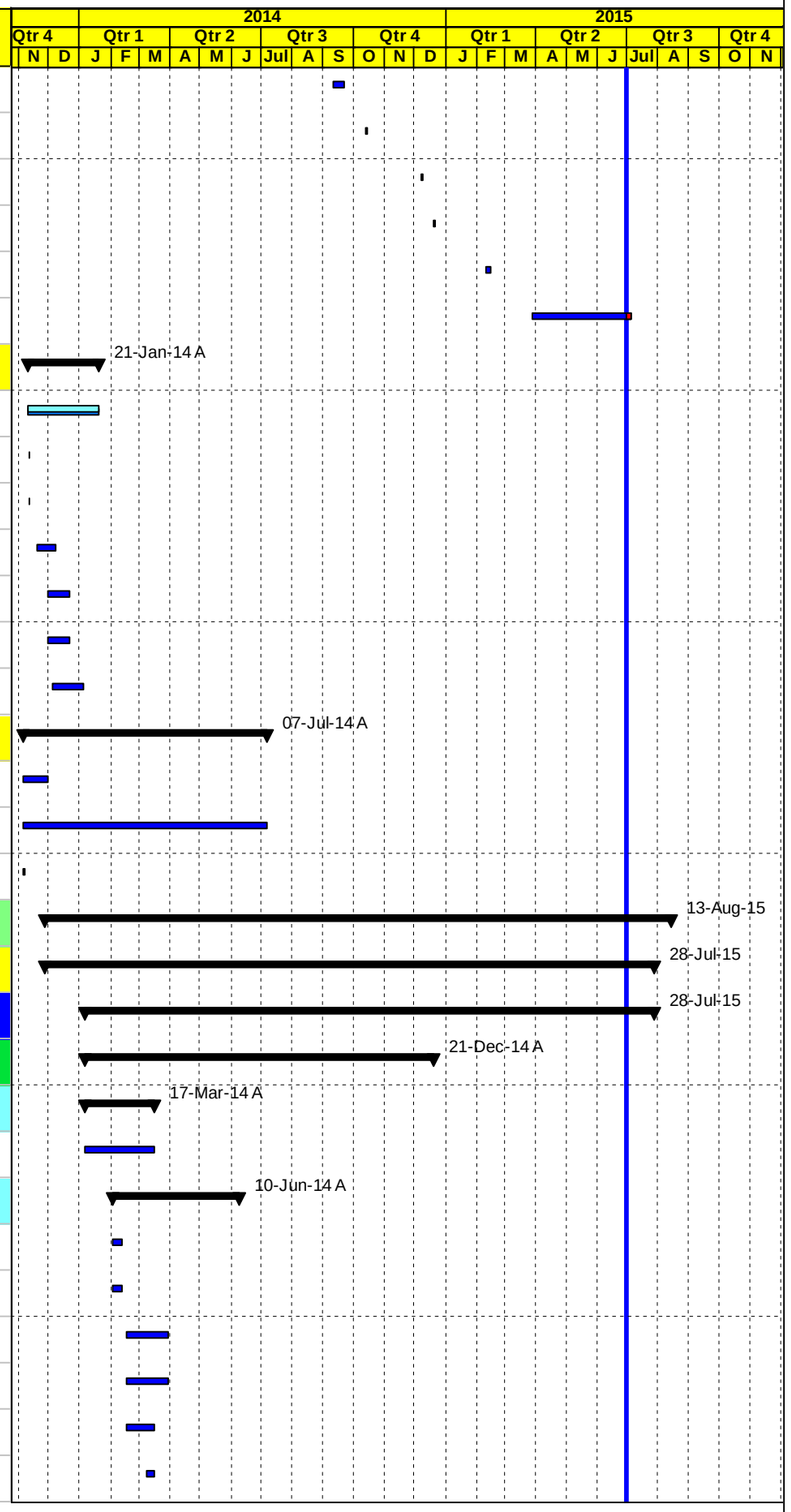
SHT0329-new	Traffic Control Plan from Sta.4+220 to Sta.5+500	10d	100%	11-Sep-14 A	22-Sep-14 A	
SHT0332-new	Traffic Control Plan from Sta.2+800 to Sta.4+200 –Beit Ummar -30" Main Pipeline	10d	100%	13-Oct-14 A	15-Oct-14 A	
SHT0345-new	Risk Management Program for Al Ramooz -Al Nabi Younis 4" Network	10d	100%	08-Dec-14 A	09-Dec-14 A	
SHT0350-new	A second third party source for Radiography and ultrasound testing	10d	100%	21-Dec-14 A	22-Dec-14 A	
SHT0360-new	Traffic Control Plan from Sta.9+400 to Sta. 12+007	10d	100%	11-Feb-15 A	16-Feb-15 A	
SHT0362-new	Specific Plan for Testing (Hydrostatic, Disinfection / Flushing) -30" Main Pipeline from Sta.0+000 to Sta.12+000	10d	50%	29-Mar-15 A	05-Jul-15	-22d
Mobilization		24d		11-Nov-13 A	21-Jan-14 A	
SHT0168	Mobilization Total Cost (4.0%)	24d	100%	11-Nov-13 A	21-Jan-14 A	
SHT0170	Site Hand Over	1d	100%	11-Nov-13 A	11-Nov-13 A	
SHT0172	Checking With CMC Existing-Bench Marks, Survey Control Points	2d	100%	11-Nov-13 A	12-Nov-13 A	
SHT0174	Start Preparation Construction Submittals (Survey plan , Shop Drawings & Materials)	15d	100%	19-Nov-13 A	08-Dec-13 A	
SHT0176	Supply and install Office Furniture's and Supplies	5d	100%	30-Nov-13 A	22-Dec-13 A	
SHT0178	Supply and install Office IT Equipments & Applience	5d	100%	30-Nov-13 A	22-Dec-13 A	
SHT0180	Install Temporary Project Sign	1d	100%	04-Dec-13 A	04-Jan-14 A	
Conformed Drawings and Coordination		40d		06-Nov-13 A	07-Jul-14 A	
SHT0286	Coordination with local Authorities before Construction Project	40d	100%	06-Nov-13 A	30-Nov-13 A	
SHT0266	Coordination with Israeli authorities for approval and permit area C	40d	100%	06-Nov-13 A	07-Jul-14 A	
SHT0106	Final for Construction Drawing (Conformed)	1d	100%	06-Nov-13 A	06-Nov-13 A	
Construction Phase		646d		28-Nov-13 A	13-Aug-15	-30d
Construction Submittals		630d		28-Nov-13 A	28-Jul-15	-17d
Shop Drawing Submittals		630d		07-Jan-14 A	28-Jul-15	-29d
Plan Profile and Cross Sections		302d		07-Jan-14 A	21-Dec-14 A	
Plan Profile and Cross Sections From St.7+515 to 6+840 Phase One		21d		07-Jan-14 A	17-Mar-14 A	
SHT0188	From St.7+515 to 6+840	21d	100%	07-Jan-14 A	17-Mar-14 A	
Plan Profile and Cross Sections from St. 0+000 to 5+980 Phase Three		144d		03-Feb-14 A	10-Jun-14 A	
SHT0192	From St.0+630 to 1+200	21d	100%	03-Feb-14 A	13-Feb-14 A	
SHT0190	From St.0+000 to 0+630	21d	100%	03-Feb-14 A	13-Feb-14 A	
SHT0200	From St.3+030 to 3+780	21d	100%	17-Feb-14 A	31-Mar-14 A	
SHT0198	From St. 2+780 to 3+030	21d	100%	17-Feb-14 A	31-Mar-14 A	
SHT0202	From St. 3+780 to 3+900	21d	100%	17-Feb-14 A	17-Mar-14 A	
SHT0194	From St.1+200 to 2+780	21d	100%	09-Mar-14 A	17-Mar-14 A	



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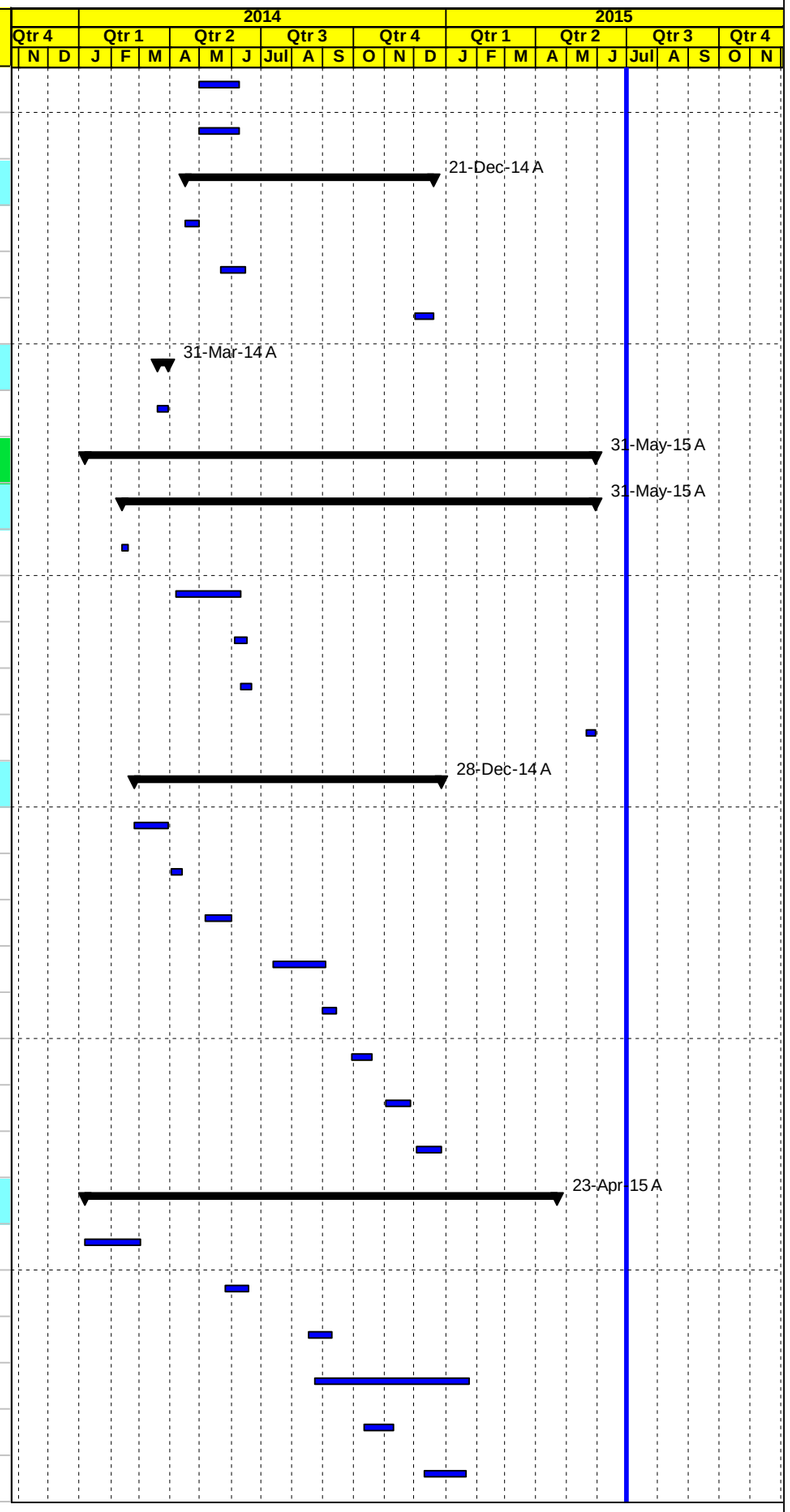
SHT0206	From St.4+950 to 6+000	21d	100%	30-Apr-14 A	09-Jun-14 A	
SHT0204	From St. 3+900 to 4+950	21d	100%	30-Apr-14 A	10-Jun-14 A	
Plan Profile and Cross Sections from St. 12+000 to 7+515 & 6+840 to 5+980 Phase Four		201d		17-Apr-14 A	21-Dec-14 A	
SHT0210	From St. 11+460 to 09+890 old	21d	100%	17-Apr-14 A	30-Apr-14 A	
SHT0217	Milling and Overlay from Sta.7+515 to Sta.9+880	21d	100%	22-May-14 A	15-Jun-14 A	
SHT0218	From St.6+850 to 6+150	21d	100%	02-Dec-14 A	21-Dec-14 A	
Plan Profile and Cross Sections Networks		21d		20-Mar-14 A	31-Mar-14 A	
SHT0219-new	from Sta.0+000 to Sta.1+225-Al Aroub Road	21d	100%	20-Mar-14 A	31-Mar-14 A	
Pipeline		547d		07-Jan-14 A	31-May-15 A	
Waterline Beit Ummar, Al Arrub-Beit Ummar & Halhul Networks		547d		12-Feb-14 A	31-May-15 A	
SHT0220	Beit Ummar Water Distribution network From Sta. 0+000 to Sta. 2+295	21d	100%	12-Feb-14 A	18-Feb-14 A	
SHT0221	Al Arrub-Beit Ummar Water Distribution network From Sta. 0+000 to Sta. 1+218	21d	100%	07-Apr-14 A	11-Jun-14 A	
SHT0222	Zaboud Water Pipeline-Halhul Distribution Network from Sta.0+000 to Sta.1+110	21d	100%	04-Jun-14 A	17-Jun-14 A	
SHT0226-new	Water Distribution Network -Shahera Water Pipeline from Sta.0+000 to Sta.1+350-Halhul	21d	100%	11-Jun-14 A	22-Jun-14 A	
A1040	Water: 3" Pipeline from St. 9+675 to St. 9+931 and from St. 9+980 to St. 10+457	21d	100%	21-May-15 A	31-May-15 A	
Waterline from St. 0+000 to 6+000		296d		24-Feb-14 A	28-Dec-14 A	
SHT0224	Waterline From St.0+000 to 1+200	21d	100%	24-Feb-14 A	30-Mar-14 A	
SHT0228	Waterline From St.1+200 to 2+780	21d	100%	02-Apr-14 A	14-Apr-14 A	
SHT0232	Waterline From St. 2+780 to 3+900	21d	100%	07-May-14 A	01-Jun-14 A	
SHT0238	Waterline From St. 3+900 to 4+950	21d	100%	13-Jul-14 A	04-Sep-14 A	
SHT0240	Waterline From St. 4+950 to 6+000	21d	100%	31-Aug-14 A	15-Sep-14 A	
SHT0250-new	Waterline from Sta.0+100 to Sta.0+725 -Al Nabi Younis Water Pipeline (8")	21d	100%	29-Sep-14 A	20-Oct-14 A	
SHT0255-new	Waterline from Sta.0+000 to Sta.0+810 - Al Nabi Younis Water Pipeline (6")	21d	100%	03-Nov-14 A	27-Nov-14 A	
SHT0260-new	Waterline 3" from Sta.0+000 to Sta.0+385 -Al Hawawer Water Pipeline	21d	100%	03-Dec-14 A	28-Dec-14 A	
Waterline from St. 12+000 to 6+000		236d		07-Jan-14 A	23-Apr-15 A	
SHT0254	Waterline From St.7+515 to 6+840	21d	100%	07-Jan-14 A	03-Mar-14 A	
SHT0252	Waterline:Typical Section from Sta.8+700 to Sta.9+300	21d	100%	26-May-14 A	19-Jun-14 A	
SHT0268-new	Waterline from Sta.9+090 to Sta.9+450 - New Alignment for water pipe line	21d	100%	17-Aug-14 A	09-Sep-14 A	
SHT0256	Waterline From St.7+500 to 8+700	21d	100%	24-Aug-14 A	25-Jan-15 A	
SHT0258	Waterline From St. 6+780 to 6+000	21d	100%	12-Oct-14 A	11-Nov-14 A	
SHT0244	Waterline From Sta. 9+415 to Sta.10+730	21d	100%	11-Dec-14 A	22-Jan-15 A	



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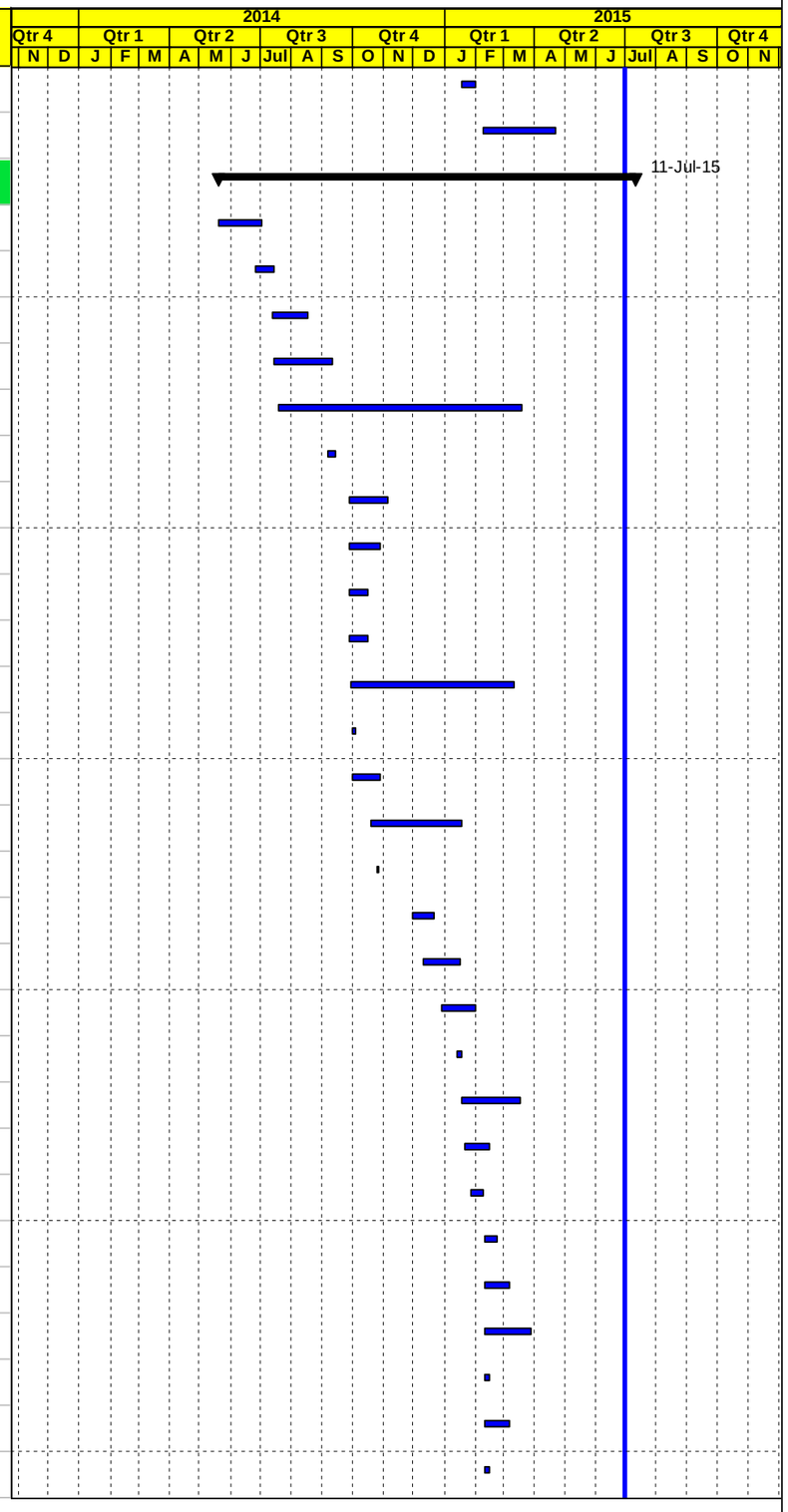
SHT0264	Waterline From Sta. 10+730 to Sta.11+610	21d	100%	18-Jan-15 A	01-Feb-15 A	
SHT0274	Waterline From Sta. 11+610 to Sta.12+010	21d	100%	09-Feb-15 A	23-Apr-15 A	
Connection and Valves Chambers		363d		21-May-14 A	11-Jul-15	-24d
SHT0259-new	Structural and Mechanical Detail for valve chambers for 8" Beit Ummar Internal Network Water Pipeline	21d	100%	21-May-14 A	02-Jul-14 A	
SHT0227-new	Structural and Mechanical Detail for valve chambers for 8" Zaboud Internal Network Water Pipeline	21d	100%	26-Jun-14 A	15-Jul-14 A	
SHT0276	Halhul distribution connection chamber (Kharas junction) @ Sta.9+070 RHS	21d	100%	13-Jul-14 A	18-Aug-14 A	
SHT0269-new	Structural and Mechanical Detail for wash out Chamber at Sta.0+620 & ARV Valve Chamber @ Sta.0+743	21d	100%	14-Jul-14 A	11-Sep-14 A	
SHT0259	Structural and Mechanical detail For wash out Chamber For 30"*10" at St .7+223& Wash out chamb For 6"*3" at St.7+230	21d	100%	20-Jul-14 A	19-Mar-15 A	
SHT0277-new	Structural and Mechanical Detail for Washout at Sta.1+530 and Washout at Sta.2+230 & ARV Valve at Sta.1+942	21d	100%	07-Sep-14 A	15-Sep-14 A	
SHT3855-new	Structural&Mechanical detail For ARV Chamber@St.2+782& ARV Chamber@St.3+303& ARV Chamber@St.3+745&WO Chamber@St.2+857	21d	100%	28-Sep-14 A	05-Nov-14 A	
SHT3860-new	Structural and Mechanical detail For ALAROUB CAMP Connection @ Sta.0+020	21d	100%	28-Sep-14 A	29-Oct-14 A	
SHT3865-new	Structural&Mechanical Detail For AlAROUB-75mm WO@St.0+537&50mmWO@St.0+540&100mm GV@St.0+710	21d	100%	28-Sep-14 A	16-Oct-14 A	
SHT3870-new	Structural & Mechanical Detail For AlAROUB- Gate Valve @ Sta.0+584&Gate Valve @ Sta.1+214	21d	100%	28-Sep-14 A	16-Oct-14 A	
SHT3875-new	Structural & Mechanical Detail For Washout@Sta.5+894&Washout@Sta.7+192 &Washout @ Sta.10+600	21d	100%	30-Sep-14 A	12-Mar-15 A	
SHT0289	Structural & Mechanical for ARV at4+082 ,W.O at Sta.4+593 , ARV.4+991 , ARV 5+607 , ARV 6+040 & ARV 6+600	21d	100%	02-Oct-14 A	05-Oct-14 A	
SHT0281	Structural and Mechanical Detail for Beit Ummar Connection Chamber at Sta.3+485	21d	100%	02-Oct-14 A	29-Oct-14 A	
SHT0279	Structural and Mechanical Detail for Beit Ummar Flow Monitoring Chamber at Sta.4+625	21d	100%	20-Oct-14 A	19-Jan-15 A	
SHT0267	Structural and Mechanical detail For Deir Sha'ar Connection Chamber @ Sta.1+280	21d	100%	26-Oct-14 A	28-Oct-14 A	
SHT0280-new	Structural &Mech detail for 6" ARV Chamber at St.8+400, 6" ARV Chamber at St.8+878 &10" ARV Chamber at Sta.9+210	21d	100%	30-Nov-14 A	22-Dec-14 A	
SHT0273	Beit Ummar Connection & Washout at Sta.2+290 –and Al Aroub Connection at Sta.0+204	21d	100%	11-Dec-14 A	17-Jan-15 A	
SHT0287	Structural and Mechanical Detail for Karmi Tzure Connection Chamber at Sta.6+240	21d	100%	29-Dec-14 A	02-Feb-15 A	
SHT0297	Structural and Mechanical Detail for 100mm G.V at Sta.6+820 , 75mm ARV at Sta.8+397 and 75mm ARV at Sta.9+210	21d	100%	14-Jan-15 A	18-Jan-15 A	
SHT0278	Structural and Mechanical detail for Halhul Main Connection Chamber and Halhul Connection to Existing at Sta.8+890	21d	100%	18-Jan-15 A	18-Mar-15 A	
SHT0265-new	Structural and Mechanical detail for Halhul Reservoir Flow Monitoring Chamber at Sta.11+900	21d	100%	22-Jan-15 A	16-Feb-15 A	
SHT0280	Structural and Mechanical 10" Indirect WO at St.9+600, 6" Indirect ARV at St.9+680 and 6" Indirect ARV at St. 10+460	21d	100%	28-Jan-15 A	09-Feb-15 A	
SHT0290	Structural and Mechanical Detail for Connection to Existing for Shahera Sta.1+111	21d	100%	11-Feb-15 A	23-Feb-15 A	
SHT4090	Structural and Mechanical Detail for Al Nabi Younis Gate Valve and Washout at Sta. 0+815	21d	100%	11-Feb-15 A	08-Mar-15 A	
SHT4110	Structural and Mechanical Detail for Zaboud Connection to existing @ Sta. 1+113	21d	100%	11-Feb-15 A	29-Mar-15 A	
SHT4130-new	Structural and Mechanical Detail for Al Nabi Younis Connection to Existing at Sta.0+780	21d	100%	11-Feb-15 A	16-Feb-15 A	
SHT0266-new	Structural and Mechanical Detail for Al Nabi Younis Connection to Existing at Sta.0+000	21d	100%	11-Feb-15 A	08-Mar-15 A	
SHT4120-new	Structural and Mechanical Detail for 75mm Washout at Shahera Sta.0+557	21d	100%	11-Feb-15 A	16-Feb-15 A	



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TO16
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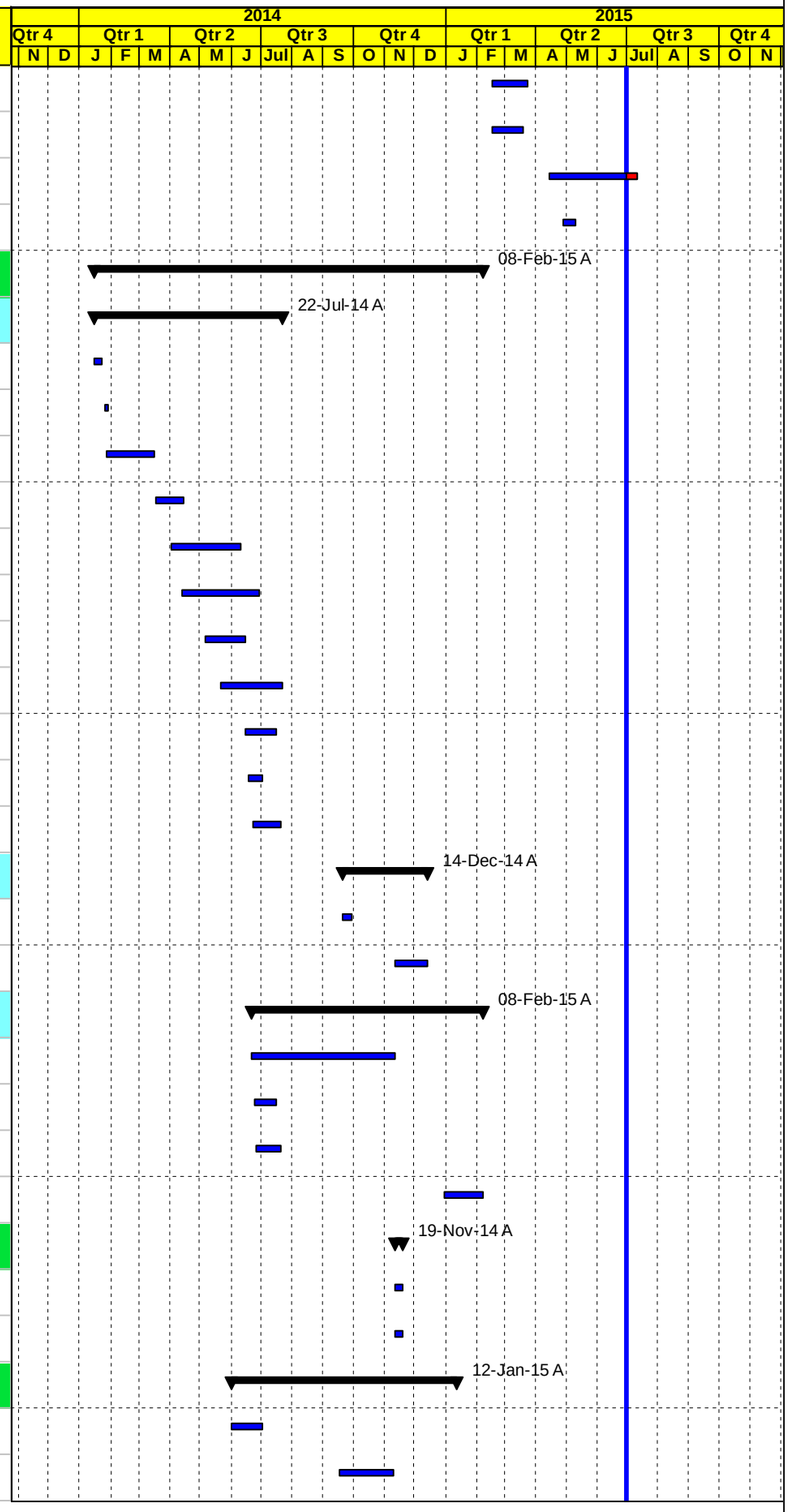
Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT0300	Structural and Mechanical detail for: 6" Indirect ARV at Sta.11+210 and 10" Indirect W.O. at Sta.11+390	21d	100%	17-Feb-15 A	24-Mar-15 A	
SHT0270	Structural and Mechanical Detail for Halhul Reservoir Connection at Sta.11+850	21d	100%	17-Feb-15 A	19-Mar-15 A	
SHT0298	Mechanical Details for the 30" pipes connection at Halhul reservoir at St. 11+993	21d	50%	14-Apr-15 A	11-Jul-15	-24d
SHT0288	30" Pipe Connection & Bladder Tank Enclosure at Gush Ezyon- (MEKOROT Pumping Station) Including manufacturer structural	21d	100%	29-Apr-15 A	11-May-15 A	
Concrete walls		354d		16-Jan-14 A	08-Feb-15 A	
Concrete walls Phase One		210d		16-Jan-14 A	22-Jul-14 A	
SHT0304-new	Retaining wall from Sta. Sta.7+093 to Sta.7+220 LHS total length (127LM)	21d	100%	16-Jan-14 A	23-Jan-14 A	
SHT0306-new	Formwork Design for Retaining Work	21d	100%	26-Jan-14 A	29-Jan-14 A	
SHT0305-new	Retaining wall from Sta.7+389 to Sta.7+419.5 LHS and from Sta.7+441 to Sta.7+505 LHS	21d	100%	28-Jan-14 A	17-Mar-14 A	
SHT0308-new	Retaining Wall from Sta.7+220 to Sta.7+376 LHS	21d	100%	19-Mar-14 A	15-Apr-14 A	
SHT0307-new	Retaining Wall from Sta.7+375 to Sta.7+391 LHS and from Sta.7+432 to Sta.7+438 LHS	21d	100%	03-Apr-14 A	11-Jun-14 A	
SHT0313-new	Retaining Wall from Sta.7+200 to Sta.7+220 LHS	21d	100%	14-Apr-14 A	29-Jun-14 A	
SHT0373-new	Stair @ Sta.7+505 LHS	21d	100%	07-May-14 A	15-Jun-14 A	
SHT0309-new	Retaining Wall at the access road at Sta.7+185 LHS	21d	100%	22-May-14 A	22-Jul-14 A	
SHT0312-new	Boundary Wall from Sta.6+935 to Sta.6+966 RHS and Retaining Wall from Sta.6+971 to Sta.7+036 RHS	21d	100%	16-Jun-14 A	16-Jul-14 A	
SHT0314-new	Retaining Wall from Sta.7+425 to Sta.7+430 RHS	21d	100%	19-Jun-14 A	02-Jul-14 A	
SHT0316-new	Retaining Wall from Sta.6+873 to Sta.6+950 LHS	21d	100%	23-Jun-14 A	20-Jul-14 A	
Concrete walls PhaseTwo		77d		21-Sep-14 A	14-Dec-14 A	
SHT0340-new	Retaining Wall from Sta.4+345 to Sta.4+365 RHS	21d	100%	21-Sep-14 A	30-Sep-14 A	
SHT0335-new	Retaining Wall from Sta.4+422 to Sta.4+440 LHS	21d	100%	12-Nov-14 A	14-Dec-14 A	
Concrete walls Phase Three		181d		22-Jun-14 A	08-Feb-15 A	
SHT0315-new	Retaining Wall from Sta.3+226.97 to Sta.3+295 RHS	21d	100%	22-Jun-14 A	12-Nov-14 A	
SHT0313	Concrete Gravity Wall from Sta.3+523 to Sta.3+537 RHS and from Sta.3+555 to Sta.3+573 RHS	21d	100%	24-Jun-14 A	17-Jul-14 A	
SHT0318-new	Retaining Wall from Sta.3+380 to Sta.3+464.92 RHS	21d	100%	26-Jun-14 A	21-Jul-14 A	
SHT0319-new	Retaining Wall from Sta.3+150 to Sta.3+220 RHS	21d	100%	31-Dec-14 A	08-Feb-15 A	
Stone Walls		21d		12-Nov-14 A	19-Nov-14 A	
SHT0320-new	Stone Walls St.4+335-4+343 R , St.4+370-4+379 R, .4+386-4+401 R, St.4+404-4+480 R, 4+483-St.4+491 R& St.4+498-4+520	21d	100%	12-Nov-14 A	19-Nov-14 A	
SHT0330-new	Stone Walls from Sta.4+440 to Sta.4+475 LHS , from Sta.4+478 to Sta.4+505 LHS and from Sta.4+509 to Sta.4+640 LHS	21d	100%	12-Nov-14 A	19-Nov-14 A	
Pipe Culverts		181d		02-Jun-14 A	12-Jan-15 A	
SHT0317-new	Pipe Culvert at Sta.0+543 -Al Aroub Road	21d	100%	02-Jun-14 A	02-Jul-14 A	
SHT0333	Storm Water from Sta.7+940 to Sta.8+570	21d	100%	17-Sep-14 A	10-Nov-14 A	



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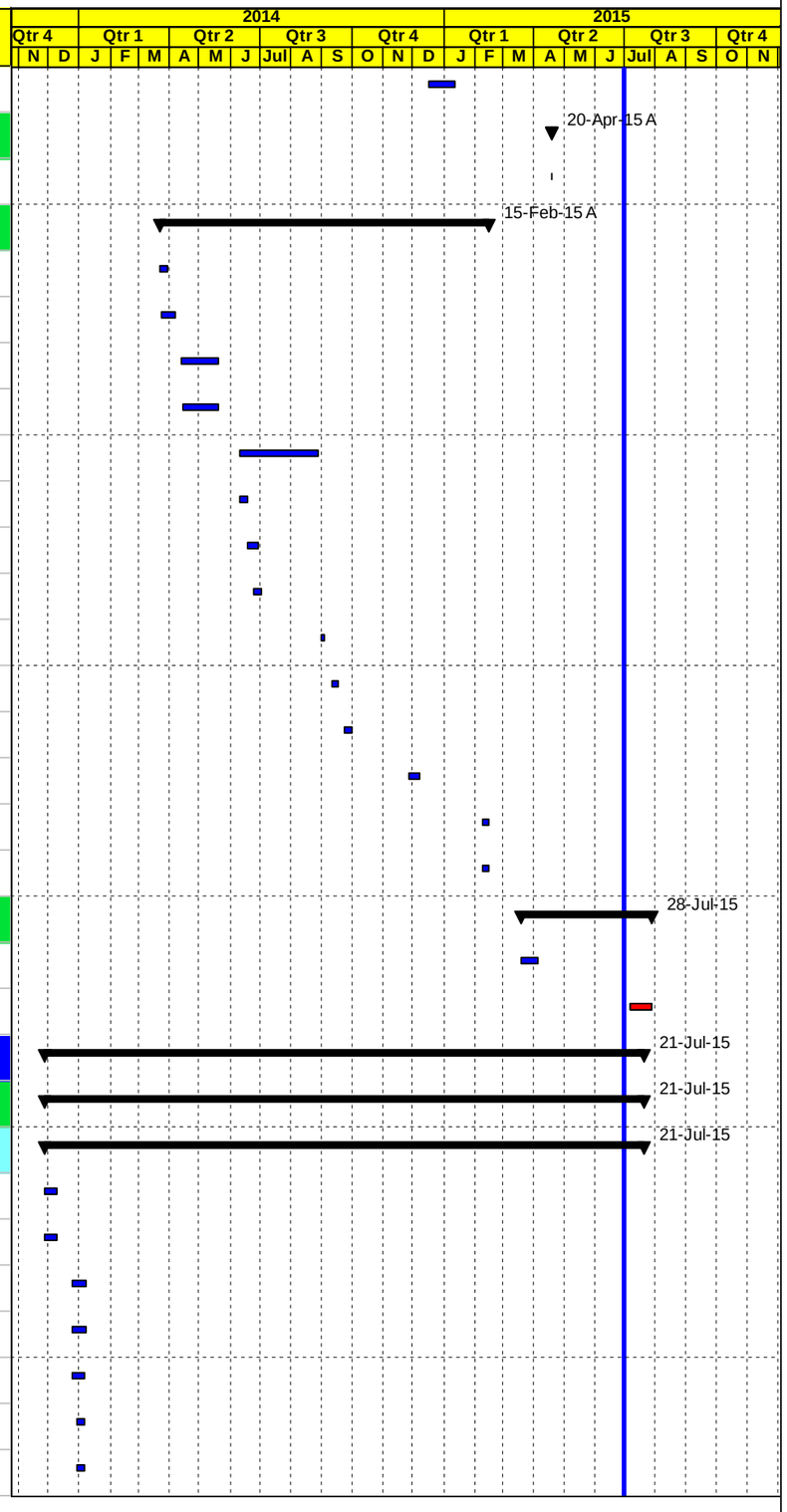
SHT0336	Storm concrete system from Sta.7+180 to Sta.7+240 and from Sta.7+300 to Sta.7+345	21d	100%	18-Dec-14 A	12-Jan-15 A	
Concrete curbstone and side walk		21d		19-Apr-15 A	20-Apr-15 A	
SHT0349	Plan and details for side walk from Sta.6+900 to Sta.7+520	21d	100%	19-Apr-15 A	20-Apr-15 A	
Mitered Bends Schedule and fabrication		359d		23-Mar-14 A	15-Feb-15 A	
SHT1060-new	Mitered Bends Schedule and fabrication -8" Beit Ummar Local Network	21d	100%	23-Mar-14 A	30-Mar-14 A	
SHT0370-new	Manufacturer "Bermad" sizing of Deir Shaar Pressure Reducing Valve	21d	100%	24-Mar-14 A	07-Apr-14 A	
SHT0371-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 0+000 to St. 1+200.	21d	100%	13-Apr-14 A	21-May-14 A	
SHT0372-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 6+780 to St. 7+500	21d	100%	15-Apr-14 A	21-May-14 A	
SHT0374-new	Tee Fabrication Shop Drawings and calculation sheets 760 x 150 mm and 760 x 250 mm	21d	100%	11-Jun-14 A	28-Aug-14 A	
SHT0375-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 1+200 to St. 2+780	21d	100%	11-Jun-14 A	18-Jun-14 A	
SHT0380-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 8+700 to St. 9+300	21d	100%	19-Jun-14 A	30-Jun-14 A	
SHT0381-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 2+780 to St. 3+900	21d	100%	24-Jun-14 A	02-Jul-14 A	
SHT0385-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 3+900 to St. 4+950	21d	100%	01-Sep-14 A	04-Sep-14 A	
SHT0386-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 7+500 to St. 8+700	21d	100%	11-Sep-14 A	18-Sep-14 A	
SHT0387-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 4+950 to St. 6+000	21d	100%	23-Sep-14 A	02-Oct-14 A	
SHT0388-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 6+000 to St. 6+780	21d	100%	27-Nov-14 A	08-Dec-14 A	
SHT0389-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 9+400 to St. 10+700	21d	100%	09-Feb-15 A	15-Feb-15 A	
SHT0390-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 10+700 to St. 11+610	21d	100%	09-Feb-15 A	15-Feb-15 A	
Others		96d		19-Mar-15 A	28-Jul-15	-22d
SHT0355	Street Lighting Details from Sta.7+110 to Sta.7+500	21d	100%	19-Mar-15 A	05-Apr-15 A	
SHT0361	Road Marking shop drawings	15d	0%	07-Jul-15	28-Jul-15	-22d
Material Submittals		597d		28-Nov-13 A	21-Jul-15	-9d
Submittals including Manufacturers Qualifications , Shop Test, Product Data		597d		28-Nov-13 A	21-Jul-15	-9d
Material Submittal Roads		446d		28-Nov-13 A	21-Jul-15	-5d
SHT0480	Cat eyes	21d	100%	28-Nov-13 A	09-Dec-13 A	
SHT0485	Thermoplastic paint	21d	100%	28-Nov-13 A	09-Dec-13 A	
SHT0500	Curbstone paint material	21d	100%	25-Dec-13 A	08-Jan-14 A	
SHT0445	Bituminous Wearing Course-Mix Design	21d	100%	25-Dec-13 A	08-Jan-14 A	
SHT0380	Concrete Mix Design including cement type	21d	100%	25-Dec-13 A	07-Jan-14 A	
SHT0490	Guard Rail	21d	100%	30-Dec-13 A	06-Jan-14 A	
SHT0460	Concrete joint sealant material	21d	100%	30-Dec-13 A	06-Jan-14 A	



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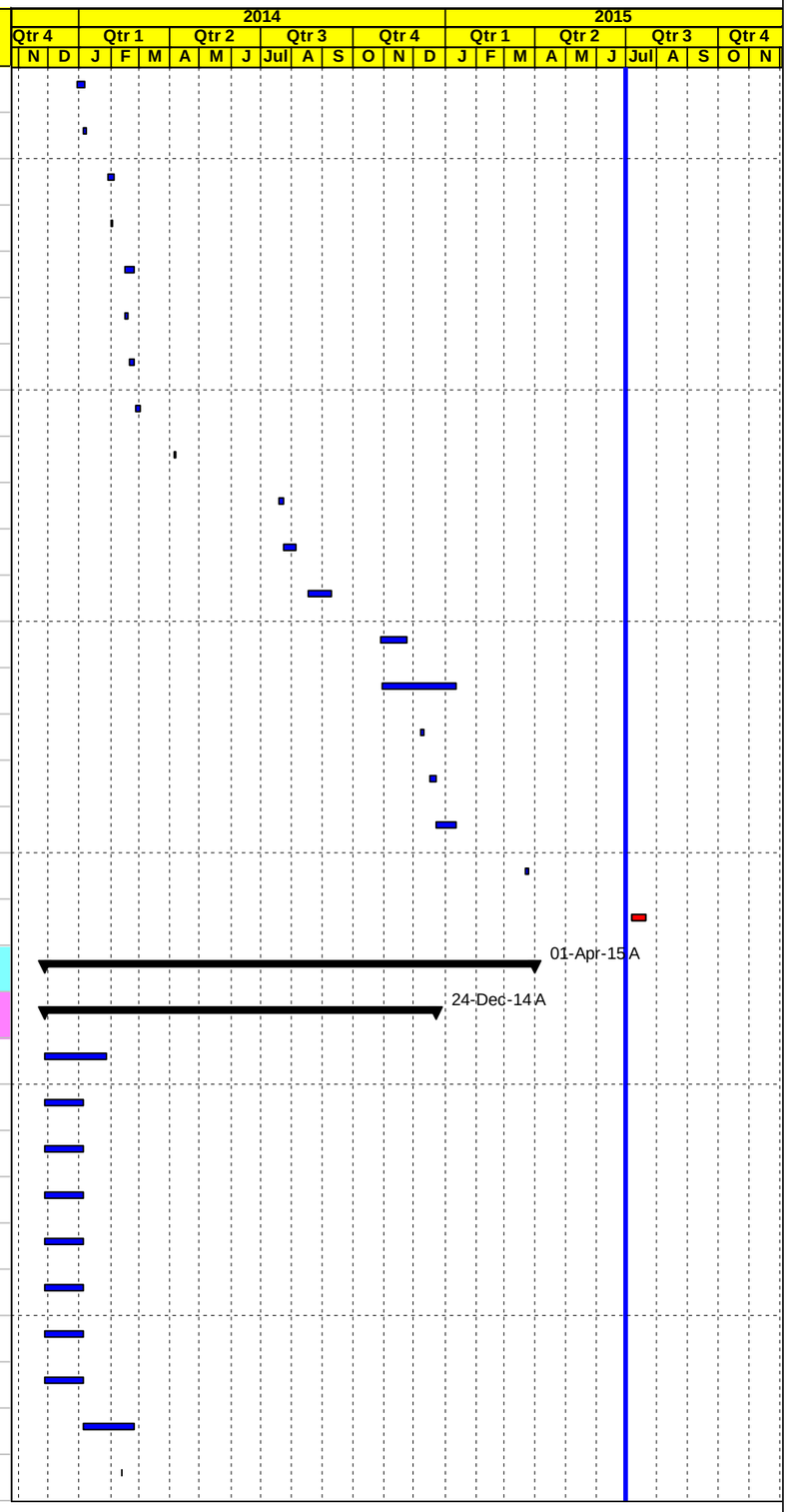
SHT0425	Curbstone	21d	100%	30-Dec-13 A	06-Jan-14 A	
SHT0495	Traffic sign	21d	100%	05-Jan-14 A	08-Jan-14 A	
SHT0405	Base Course Source	21d	100%	29-Jan-14 A	04-Feb-14 A	
SHT0390	Steel Reinforcement	21d	100%	02-Feb-14 A	03-Feb-14 A	
SHT0455	Concrete Repair	21d	100%	16-Feb-14 A	25-Feb-14 A	
SHT0385	Formwork material	21d	100%	16-Feb-14 A	18-Feb-14 A	
SHT0566-new	Damp proofing	21d	100%	20-Feb-14 A	24-Feb-14 A	
SHT0565-new	Protection Board Sample	21d	100%	26-Feb-14 A	03-Mar-14 A	
SHT0567-new	Second source of base course	21d	100%	06-Apr-14 A	08-Apr-14 A	
SHT0440	Asphalt wearing	21d	100%	20-Jul-14 A	24-Jul-14 A	
SHT0445-new	Concrete Ready-Mix Design Class B35-Size 20 mm	21d	100%	24-Jul-14 A	05-Aug-14 A	
SHT0395	Precast water manhole	21d	100%	17-Aug-14 A	09-Sep-14 A	
SHT0505	Flexible electrical conduit	21d	100%	29-Oct-14 A	24-Nov-14 A	
SHT0465	Street Lighting including poles	21d	100%	30-Oct-14 A	12-Jan-15 A	
SHT0680-new	Concrete curing compound material	21d	100%	08-Dec-14 A	11-Dec-14 A	
SHT0415	Storm water pipes- PCP factory	21d	100%	17-Dec-14 A	24-Dec-14 A	
SHT0640	Cover for Storm water	21d	100%	24-Dec-14 A	12-Jan-15 A	
SHT0470	Interlocking Blocks	21d	100%	22-Mar-15 A	25-Mar-15 A	
SHT0475	Steel Handrail (Sample Approval)	10d	0%	06-Jul-15	21-Jul-15	-5d
Material Submittals Pipelines including Hydraulic calculation and wiring diagrams, labeling schedule		533d		28-Nov-13 A	01-Apr-15 A	
Pipes		324d		28-Nov-13 A	24-Dec-14 A	
SHT0510	Steel pipeline 760 mm	21d	100%	28-Nov-13 A	28-Jan-14 A	
SHT0515	Steel pipeline 300 mm	21d	100%	28-Nov-13 A	05-Jan-14 A	
SHT0520	Steel pipeline 200 mm	21d	100%	28-Nov-13 A	05-Jan-14 A	
SHT0525	Steel pipeline 150 mm	21d	100%	28-Nov-13 A	05-Jan-14 A	
SHT0530	Steel pipeline 100 mm	21d	100%	28-Nov-13 A	05-Jan-14 A	
SHT0535	Steel pipeline 75 mm	21d	100%	28-Nov-13 A	05-Jan-14 A	
SHT0548	Steel pipeline 250 mm	21d	100%	28-Nov-13 A	05-Jan-14 A	
SHT0557	Steel pipeline 50 mm	21d	100%	28-Nov-13 A	05-Jan-14 A	
SHT0559	Shrinkable sheet	21d	100%	05-Jan-14 A	24-Feb-14 A	
SHT0543	Bedding material	21d	100%	12-Feb-14 A	13-Feb-14 A	



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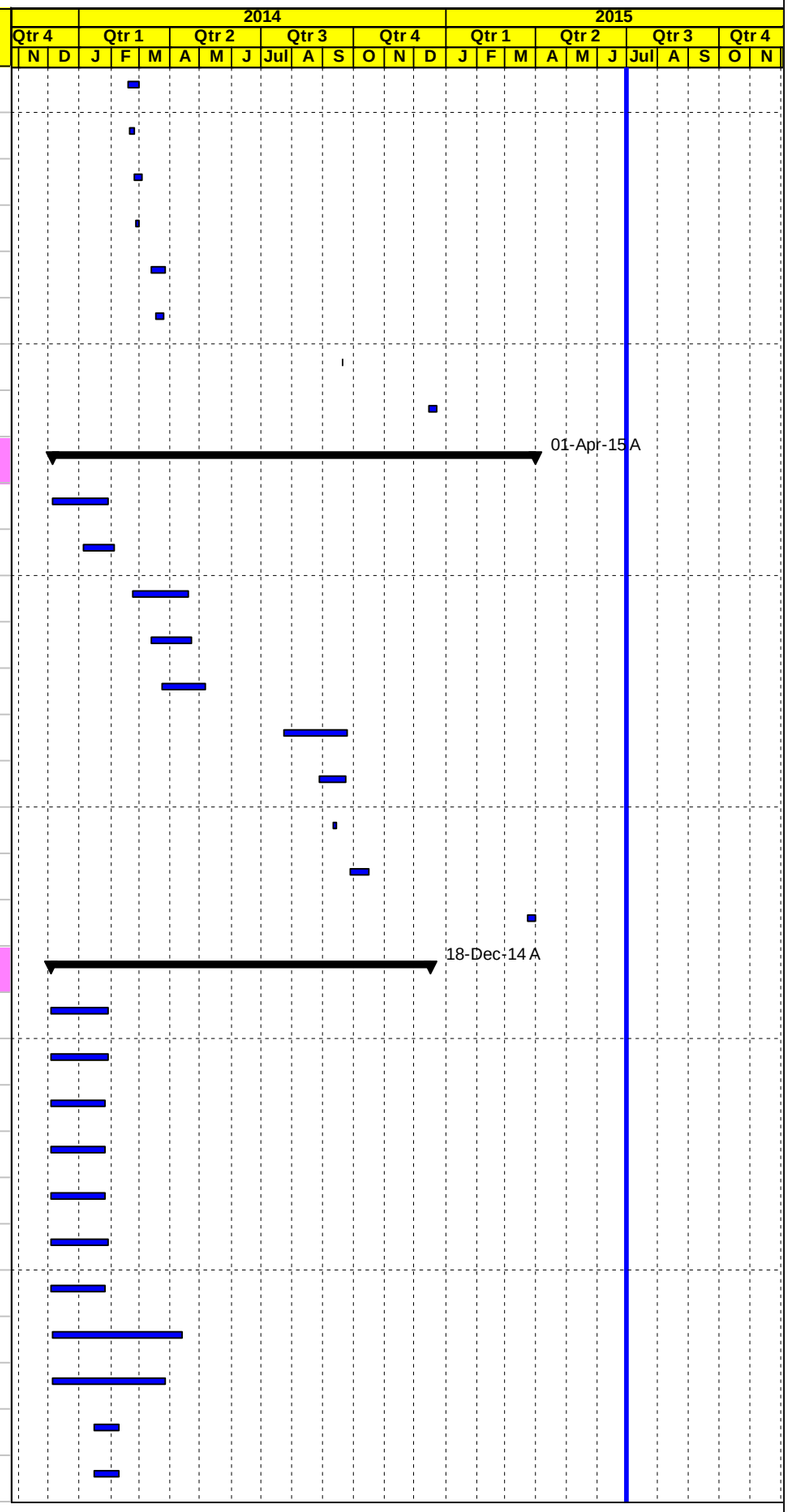
SHT0560	Warning tape	21d	100%	18-Feb-14 A	02-Mar-14 A	
SHT0547	Backfilling material	21d	100%	20-Feb-14 A	24-Feb-14 A	
SHT0561-new	Non-shrink cementation mortar - Fosroc	21d	100%	25-Feb-14 A	05-Mar-14 A	
SHT0562-new	4" PVC Weep Pipe	21d	100%	26-Feb-14 A	02-Mar-14 A	
SHT0564-new	Finish paint for exposed pipes/fittings and pipes/fittings inside chambers_ FOSROC_Nitocote EP	21d	100%	13-Mar-14 A	27-Mar-14 A	
SHT0563-new	Galvanized Steel pipeline 0.5", 0.75",1",1.5",2"	21d	100%	19-Mar-14 A	26-Mar-14 A	
SHT0569-new	Steel pipes -16", 20" and 24"	21d	100%	20-Sep-14 A	21-Sep-14 A	
SHT0570-new	400 mm UPVC pipes SN 8	21d	100%	15-Dec-14 A	24-Dec-14 A	
Manholes and chambers		495d		05-Dec-13 A	01-Apr-15 A	
SHT0563	Air ventilation pipes	21d	100%	05-Dec-13 A	30-Jan-14 A	
SHT0575	Steel flanges	21d	100%	05-Jan-14 A	04-Feb-14 A	
SHT0580	Flange Gaskets_Klinger	21d	100%	23-Feb-14 A	20-Apr-14 A	
SHT0590	Epoxy coating	21d	100%	13-Mar-14 A	23-Apr-14 A	
SHT0585	Bolts ,washers & nuts	21d	100%	24-Mar-14 A	07-May-14 A	
SHT0584-new	Pre Cast Concrete for Water Chamber 1.50m *1.5m*2.0m	21d	100%	24-Jul-14 A	25-Sep-14 A	
SHT0568	Steel Manhole Cover for Storm System and Water System	21d	100%	28-Aug-14 A	24-Sep-14 A	
SHT0592-new	Adjustable support for pipes & Fittings inside chambers.	21d	100%	11-Sep-14 A	15-Sep-14 A	
SHT0570	Manholes Rungs	21d	100%	28-Sep-14 A	16-Oct-14 A	
SHT0681-new	Flange adaptor - Steel pipe to Ductile Iron Pipe	21d	100%	24-Mar-15 A	01-Apr-15 A	
Valves & fittings including Design calculations of fitting		301d		04-Dec-13 A	18-Dec-14 A	
SHT0600	Butterfly. valves 760 mm	21d	100%	04-Dec-13 A	30-Jan-14 A	
SHT0605	Butterfly.valves 500 mm	21d	100%	04-Dec-13 A	30-Jan-14 A	
SHT0615	Gate valves 250. with Actuators	21d	100%	04-Dec-13 A	26-Jan-14 A	
SHT0625	Gate valves 100. with Actuators	21d	100%	04-Dec-13 A	26-Jan-14 A	
SHT0630	Gate valves 75.	21d	100%	04-Dec-13 A	26-Jan-14 A	
SHT0610	Butterfly. valves400 mm	21d	100%	04-Dec-13 A	30-Jan-14 A	
SHT0620	Gate valves 150 with Actuators	21d	100%	04-Dec-13 A	26-Jan-14 A	
SHT0645	Combination Air relief valves	21d	100%	05-Dec-13 A	14-Apr-14 A	
SHT0655	Dismantling Joint	21d	100%	05-Dec-13 A	27-Mar-14 A	
SHT0665	Steel Tees	21d	100%	16-Jan-14 A	09-Feb-14 A	
SHT0670	Steel reducers	21d	100%	16-Jan-14 A	09-Feb-14 A	



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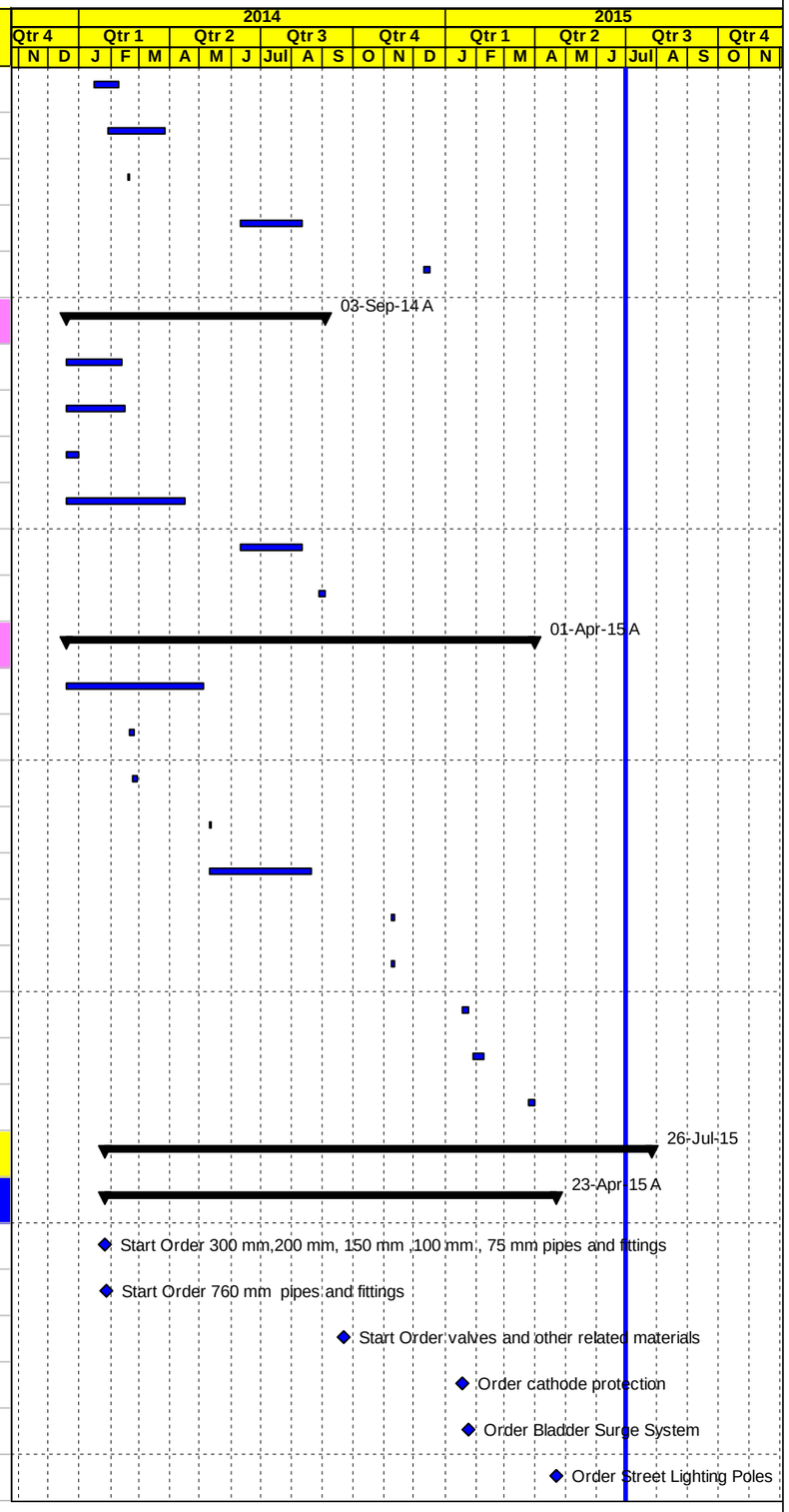
SHT0660	Steel Elbows	21d	100%	16-Jan-14 A	09-Feb-14 A	
SHT0650	Mechanical coupling	21d	100%	29-Jan-14 A	27-Mar-14 A	
SHT0691-new	Galvanized Malleable Iron Fittings up to 2"- Modal	21d	100%	18-Feb-14 A	20-Feb-14 A	
SHT0675	Electro magnetic flow Water meters	21d	100%	11-Jun-14 A	12-Aug-14 A	
SHT0685-new	Washout Flap Valve	21d	100%	11-Dec-14 A	18-Dec-14 A	
Control Valves		210d		19-Dec-13 A	03-Sep-14 A	
SHT0700	Pressure reducing valves	21d	100%	19-Dec-13 A	13-Feb-14 A	
SHT0705	Flow control valves	21d	100%	19-Dec-13 A	16-Feb-14 A	
SHT0710	Pressure relief valves	21d	100%	19-Dec-13 A	31-Dec-13 A	
SHT0740	Swing check valve (8"-PN16)	21d	100%	19-Dec-13 A	17-Apr-14 A	
SHT0730	Electro-Magnetic water meter-Siemens	21d	100%	11-Jun-14 A	12-Aug-14 A	
SHT0750-new	Ball Valve-Tyco F120 for Pressure Gauge	21d	100%	28-Aug-14 A	03-Sep-14 A	
Others		490d		19-Dec-13 A	01-Apr-15 A	
SHT0785	Strainers.	21d	100%	19-Dec-13 A	05-May-14 A	
SHT0788	protective lining and coating	21d	100%	20-Feb-14 A	24-Feb-14 A	
SHT0911-new	Spacers	5d	100%	23-Feb-14 A	27-Feb-14 A	
SHT1067-new	Elcometer 280	21d	100%	11-May-14 A	12-May-14 A	
SHT1065-new	Pressure Gauge	21d	100%	11-May-14 A	21-Aug-14 A	
SHT1070-new	Electrical cables for lighting poles	21d	100%	09-Nov-14 A	12-Nov-14 A	
SHT1075-new	Street luminaries-lamp and accessories	21d	100%	09-Nov-14 A	12-Nov-14 A	
SHT1001	Bladder Surge System	21d	100%	18-Jan-15 A	25-Jan-15 A	
SHT1011-new	Electrical panel for water metering chambers	21d	100%	29-Jan-15 A	09-Feb-15 A	
SHT1013-new	Adjustable support for pipes & Fittings inside chambers for small diameters pipes	21d	100%	26-Mar-15 A	01-Apr-15 A	
Procurements		566d		27-Jan-14 A	26-Jul-15	-17d
Order		384d		27-Jan-14 A	23-Apr-15 A	
SHT0920	Start Order 300 mm,200 mm, 150 mm ,100 mm , 75 mm pipes and fittings	0d	100%	27-Jan-14 A		
SHT0930	Start Order 760 mm pipes and fittings	0d	100%	27-Jan-14 A		
SHT0940	Start Order valves and other related materials	0d	100%	22-Sep-14 A		
SHT1120-new	Order cathode protection	0d	100%	19-Jan-15 A		
SHT1071-new	Order Bladder Surge System	0d	100%	25-Jan-15 A		
SHT0950	Order Street Lighting Poles	0d	100%	23-Apr-15 A		



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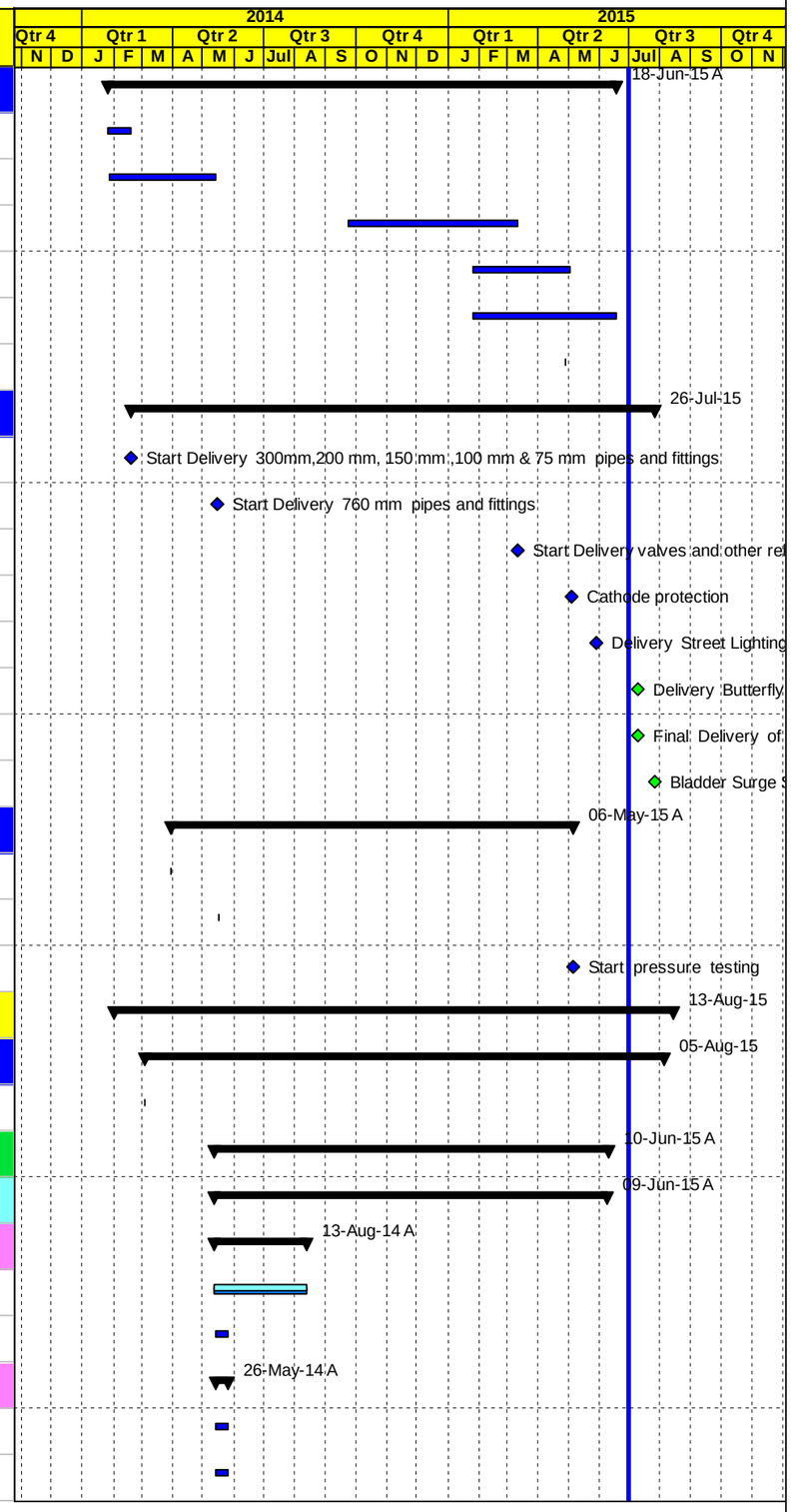
Manufacturing		492d		27-Jan-14 A	18-Jun-15 A	
SHT0960	300 mm,200 mm, 150 mm ,100 mm , 75 mm pipes and fittings	46d	100%	27-Jan-14 A	18-Feb-14 A	
SHT0970	760 mm pipes and fittings	87d	100%	27-Jan-14 A	14-May-14 A	
SHT0980	valves and other related materials	100d	100%	23-Sep-14 A	11-Mar-15 A	
SHT1130-new	Cathode protection	70d	100%	26-Jan-15 A	04-May-15 A	
SHT1080-new	Bladder Surge System	70d	100%	26-Jan-15 A	18-Jun-15 A	
SHT0990	Street Lighting Poles	10d	100%	29-Apr-15 A	29-Apr-15 A	
Delivery		513d		19-Feb-14 A	26-Jul-15	-17d
SHT1000	Start Delivery 300mm,200 mm, 150 mm ,100 mm & 75 mm pipes and fittings	0d	100%	19-Feb-14 A		
SHT1010	Start Delivery 760 mm pipes and fittings	0d	100%	15-May-14 A		
SHT1020	Start Delivery valves and other related materials	0d	100%	12-Mar-15 A		
SHT1140-new	Cathode protection	0d	100%	05-May-15 A		
SHT1030	Delivery Street Lighting Poles	0d	100%	30-May-15 A		
SHT1095-new	Delivery Butterfly Valve- VANESSA PN 25 (Two Valves @ St. 2+857 & 7+192)	0d	0%	09-Jul-15*		-26d
SHT1092-new	Final Delivery of 760 mm pipes	0d	0%	10-Jul-15*		-34d
SHT1090-new	Bladder Surge System	0d	0%	26-Jul-15		-17d
Testing		403d		31-Mar-14 A	06-May-15 A	
SHT1040	Start Testing 300 mm,200 mm, 150 mm ,100 mm , 75 mm pipes and fittings	3d	100%	31-Mar-14 A	31-Mar-14 A	
SHT1050	Start Testing 760 mm pipes and fittings	3d	100%	18-May-14 A	18-May-14 A	
SHT1062-new	Start pressure testing	0d	100%	06-May-15 A		
Construction		517d		01-Feb-14 A	13-Aug-15	-30d
Phase #1 Beit Ummar, Al Arrub-Beit Ummar & Halhul Networks		492d		04-Mar-14 A	05-Aug-15	-31d
SHT1174	Start Implement traffic control Phase one	5d	100%	04-Mar-14 A	04-Mar-14 A	
Beit Ummar Water Distribution network		330d		13-May-14 A	10-Jun-15 A	
Beit Ummar Water Distribution network From Sta. 0+000 to Sta. 1+200		328d		13-May-14 A	09-Jun-15 A	
Safety, saw cut asphalt and milling		59d		13-May-14 A	13-Aug-14 A	
SHT1175	Maintain traffic control and safety plan ,coordination with local and all parties	59d	100%	13-May-14 A	13-Aug-14 A	
SHT1180	saw cut asphalt	3d	100%	14-May-14 A	26-May-14 A	
Pipe Installation		29d		14-May-14 A	26-May-14 A	
SHT1185	Trench excavation for 200 mm Dist. pipeline with length approx. (1200 LM)	21d	100%	14-May-14 A	26-May-14 A	
SHT1190	Bedding layer & install the above dist.Steel pipeline including required welding inspection	19d	100%	14-May-14 A	26-May-14 A	



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar — Level of Effort

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APCO/ArCon CONSTRUCTION AND SERVICES

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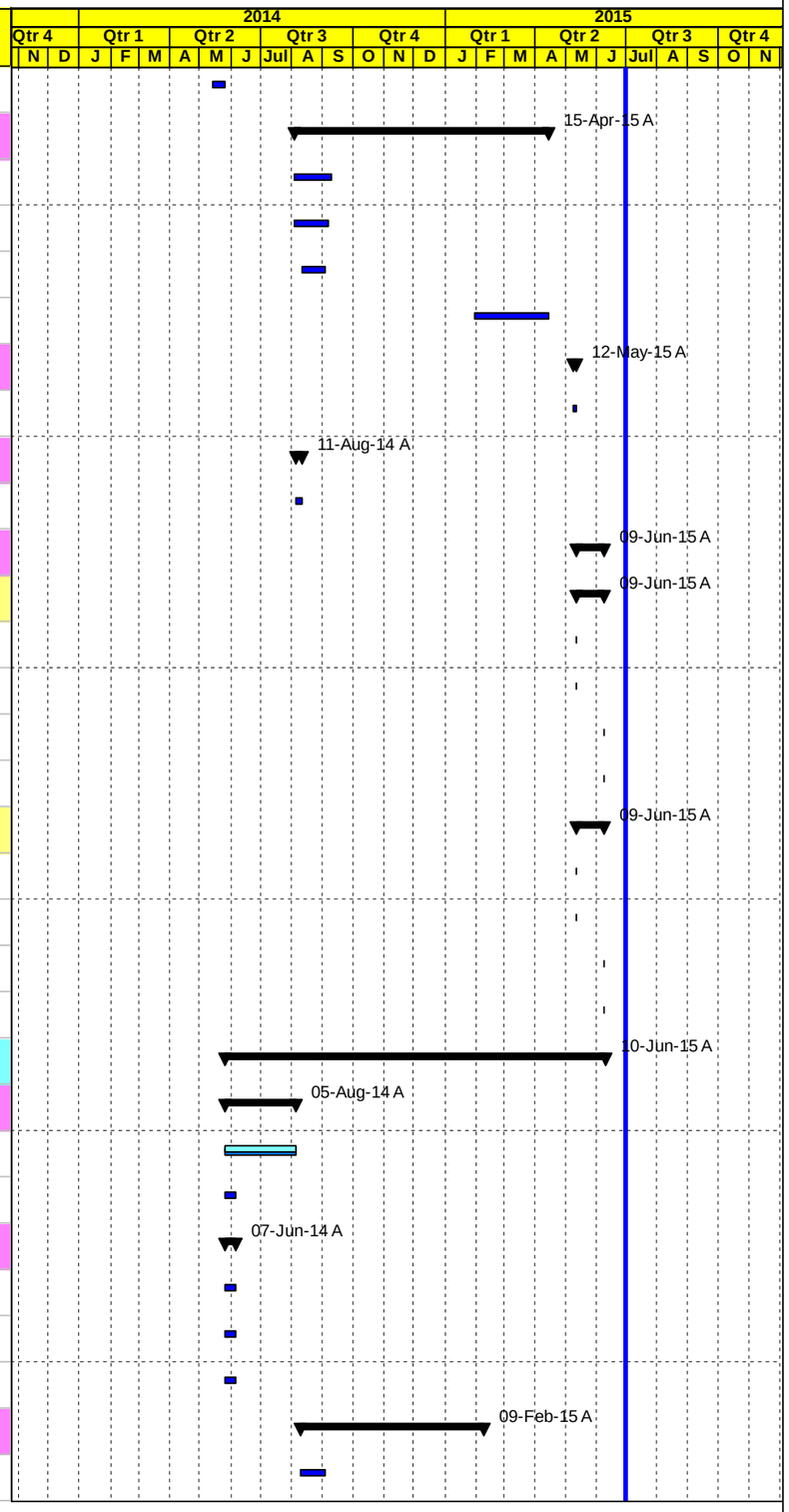
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT1195	Backfill the pipe trench with approved materials to the required level including 20 cm base course	19d	100%	14-May-14 A	26-May-14 A	
Civil Chamber work		127d		04-Aug-14 A	15-Apr-15 A	
SHT1200	Construct - Gate Valve chamber (DN 200mm, pipeline Dia 200mm, PN16) @ Sta.0+011	16d	100%	04-Aug-14 A	10-Sep-14 A	
SHT1205	Construct - Wash out chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.0+060	12d	100%	04-Aug-14 A	07-Sep-14 A	
SHT1255-new	Construct - ARV chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.1+092	12d	100%	11-Aug-14 A	03-Sep-14 A	
SHT1400-new	Construct - Gate Valve chamber (DN 150mm, pipeline Dia 200mm, PN16) @ Sta.0+804	12d	100%	31-Jan-15 A	15-Apr-15 A	
Testing		2d		10-May-15 A	12-May-15 A	
SHT1210	Pressure Testing	2d	100%	10-May-15 A	12-May-15 A	
Asphalt		7d		06-Aug-14 A	11-Aug-14 A	
SHT1215	Asphalt Reinstatement over pipe trench including prime coat and 5 cm asphalt wearing layer	7d	100%	06-Aug-14 A	11-Aug-14 A	
Mechanical Chambers work		19d		12-May-15 A	09-Jun-15 A	
Welding flanges		18d		12-May-15 A	09-Jun-15 A	
SHT-1010-MECH	Welding flanges for Wash out chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.0+060	1d	100%	12-May-15 A	12-May-15 A	
SHT-1030-MECH	Welding flanges for ARV chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.1+092	1d	100%	12-May-15 A	12-May-15 A	
SHT-1000-MECH	Welding flanges for Gate Valve chamber (DN 200mm, pipeline Dia 200mm, PN16) @ Sta.0+011	1d	100%	09-Jun-15 A	09-Jun-15 A	
SHT-1020-MECH	Welding flanges for Gate Valve chamber (DN 150mm, pipeline Dia 200mm, PN16) @ Sta.0+804	1d	100%	09-Jun-15 A	09-Jun-15 A	
Mechanical fittings installation		6d		12-May-15 A	09-Jun-15 A	
SHT-1050-MECH	Fittings installation for Wash out chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.0+060	1d	100%	12-May-15 A	12-May-15 A	
SHT-1070-MECH	Fittings installation for ARV chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.1+092	1d	100%	12-May-15 A	12-May-15 A	
SHT-1040-MECH	Fittings installation for Gate Valve chamber (DN 200mm, pipeline Dia 200mm, PN16) @ Sta.0+011	1d	100%	09-Jun-15 A	09-Jun-15 A	
SHT-1060-MECH	Fittings installation for Gate Valve chamber (DN 150mm, pipeline Dia 200mm, PN16) @ Sta.0+804	1d	100%	09-Jun-15 A	09-Jun-15 A	
Beit Ummar Water Distribution network From Sta. 1+200 to Sta. 2+311		285d		26-May-14 A	10-Jun-15 A	
Safety, saw cut asphalt and milling		56d		26-May-14 A	05-Aug-14 A	
SHT1220	Maintain traffic control and safety plan ,coordination with local and all parties	54d	100%	26-May-14 A	05-Aug-14 A	
SHT1225	Saw cut asphalt	3d	100%	26-May-14 A	07-Jun-14 A	
Pipe Installation		19d		27-May-14 A	07-Jun-14 A	
SHT1235	Bedding layer & install the above dist.Steel pipeline including required welding inspection	19d	100%	27-May-14 A	07-Jun-14 A	
SHT1240	Backfill the pipe trench with approved materials to the required level including 20 cm base course	19d	100%	27-May-14 A	07-Jun-14 A	
SHT1230	Trench excavation for 200 mm Dist. pipeline with length approx. (1111 LM)	19d	100%	27-May-14 A	07-Jun-14 A	
Civil Chamber work		36d		10-Aug-14 A	09-Feb-15 A	
SHT1245	Construct - Gate Valve chamber (DN 150mm, pipeline Dia 200mm, PN16) @ 1+227	12d	100%	10-Aug-14 A	03-Sep-14 A	



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar — Level of Effort

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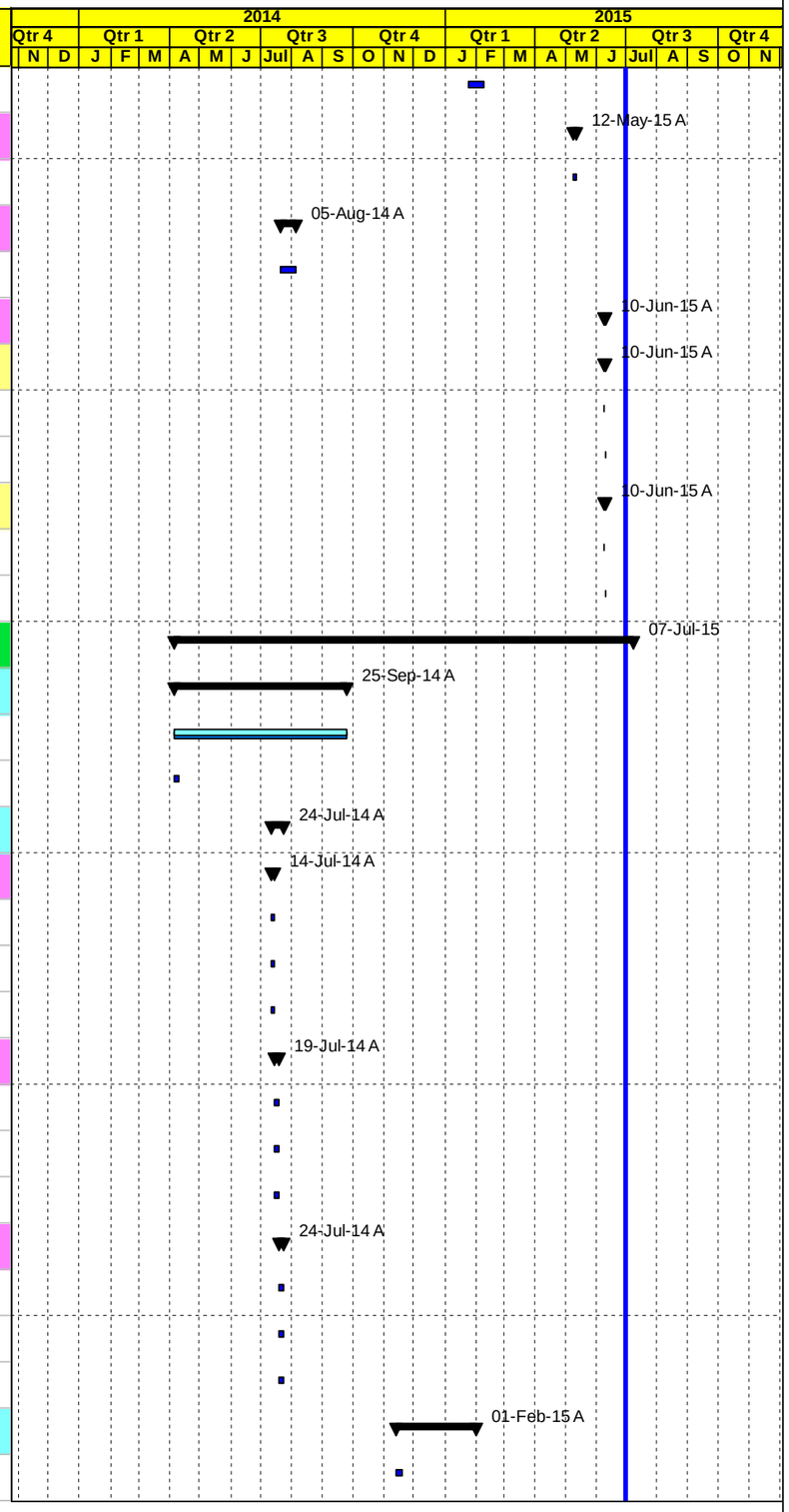
SHT1250	Construct - Connection to existing and Wash out chamber (DN 200&75mm, pipeline Dia 200mm, PN16) @ 2+272	23d	100%	24-Jan-15 A	09-Feb-15 A	
Testing		2d		10-May-15 A	12-May-15 A	
SHT1255	Pressure Testing	2d	100%	10-May-15 A	12-May-15 A	
Asphalt		7d		21-Jul-14 A	05-Aug-14 A	
SHT1260	Asphalt Reinstatement over pipe trench including prime coat and 5 cm asphalt wearing layer	7d	100%	21-Jul-14 A	05-Aug-14 A	
Mechanical Chambers work		3d		09-Jun-15 A	10-Jun-15 A	
Welding flanges		2d		09-Jun-15 A	10-Jun-15 A	
SHT-1080-MECH	Welding flanges for Gate Valve chamber (DN 150mm, pipeline Dia 200mm, PN16) @ 1+227	1d	100%	09-Jun-15 A	09-Jun-15 A	
SHT-1090-MECH	Welding flanges for Connection to existing and Wash out chamber (DN 200&75mm, pipeline Dia 200mm, PN16) @ 2+272	1d	100%	10-Jun-15 A	10-Jun-15 A	
Mechanical fittings installation		2d		09-Jun-15 A	10-Jun-15 A	
SHT-1100-MECH	Fittings installation for Gate Valve chamber (DN 150mm, pipeline Dia 200mm, PN16) @ 1+227	1d	100%	09-Jun-15 A	09-Jun-15 A	
SHT-1110-MECH	Fittings installation for Connection to existing and Wash out chamber (DN 200&75mm, pipeline Dia 200mm, PN16) @ 2+272	1d	100%	10-Jun-15 A	10-Jun-15 A	
Al Arrub-Beit Ummar Water Distribution network From Sta. 0+000 to Sta. 1+086		462d		05-Apr-14 A	07-Jul-15	-12d
Safety, saw cut asphalt and milling		112d		05-Apr-14 A	25-Sep-14 A	
SHT1265	Maintain traffic control and safety plan ,coordination with local and all parties	112d	100%	05-Apr-14 A	25-Sep-14 A	
SHT1270	Road excavation and backfilling to the required sub grade levels	3d	100%	06-Apr-14 A	11-Apr-14 A	
Pipe Installation		43d		12-Jul-14 A	24-Jul-14 A	
150 mm Dist. pipelines		24d		12-Jul-14 A	14-Jul-14 A	
SHT1275	Trench excavation for 150 mm Dist. pipelines from Sta. 0+000 - 0+200) with length approx. (200 LM)	5d	100%	12-Jul-14 A	14-Jul-14 A	
SHT1280	Bedding layer & install the above dist.Steel pipelines including required welding inspection	5d	100%	12-Jul-14 A	14-Jul-14 A	
SHT1282	Backfill the pipe trench with approved materials to the required level including 20 cm base course	5d	100%	12-Jul-14 A	14-Jul-14 A	
Double 150 & 100 mm Dist. pipelines		10d		14-Jul-14 A	19-Jul-14 A	
SHT1285	Trench excavation for Double 150 & 100 mm Dist. pipelines from Sta. 0+200 - 0+595 with length approx. (395 LM)	9d	100%	14-Jul-14 A	19-Jul-14 A	
SHT1287	Bedding layer & install the above dist.Steel pipelines including required welding inspection	9d	100%	14-Jul-14 A	19-Jul-14 A	
SHT1289	Backfill the pipe trench with approved materials to the required level including 20 cm base course	9d	100%	14-Jul-14 A	19-Jul-14 A	
100 mm Dist. pipeline		10d		19-Jul-14 A	24-Jul-14 A	
SHT1290	Trench excavation for 100 mm Dist. pipeline from sta. 0+595 to 1+086 with length approx. (491 LM)	8d	100%	19-Jul-14 A	24-Jul-14 A	
SHT1293	Bedding layer & install the above dist.Steel pipelines including required welding inspection	9d	100%	19-Jul-14 A	24-Jul-14 A	
SHT1298	Backfill the pipe trench with approved materials to the required level including 20 cm base course	9d	100%	19-Jul-14 A	24-Jul-14 A	
Civil Chamber work		106d		14-Nov-14 A	01-Feb-15 A	
SHT1295	Construct - Wash out chamber (DN 75mm, pipeline Dia 150mm, PN16) @ Sta.0+537	13d	100%	14-Nov-14 A	19-Nov-14 A	



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar — Level of Effort

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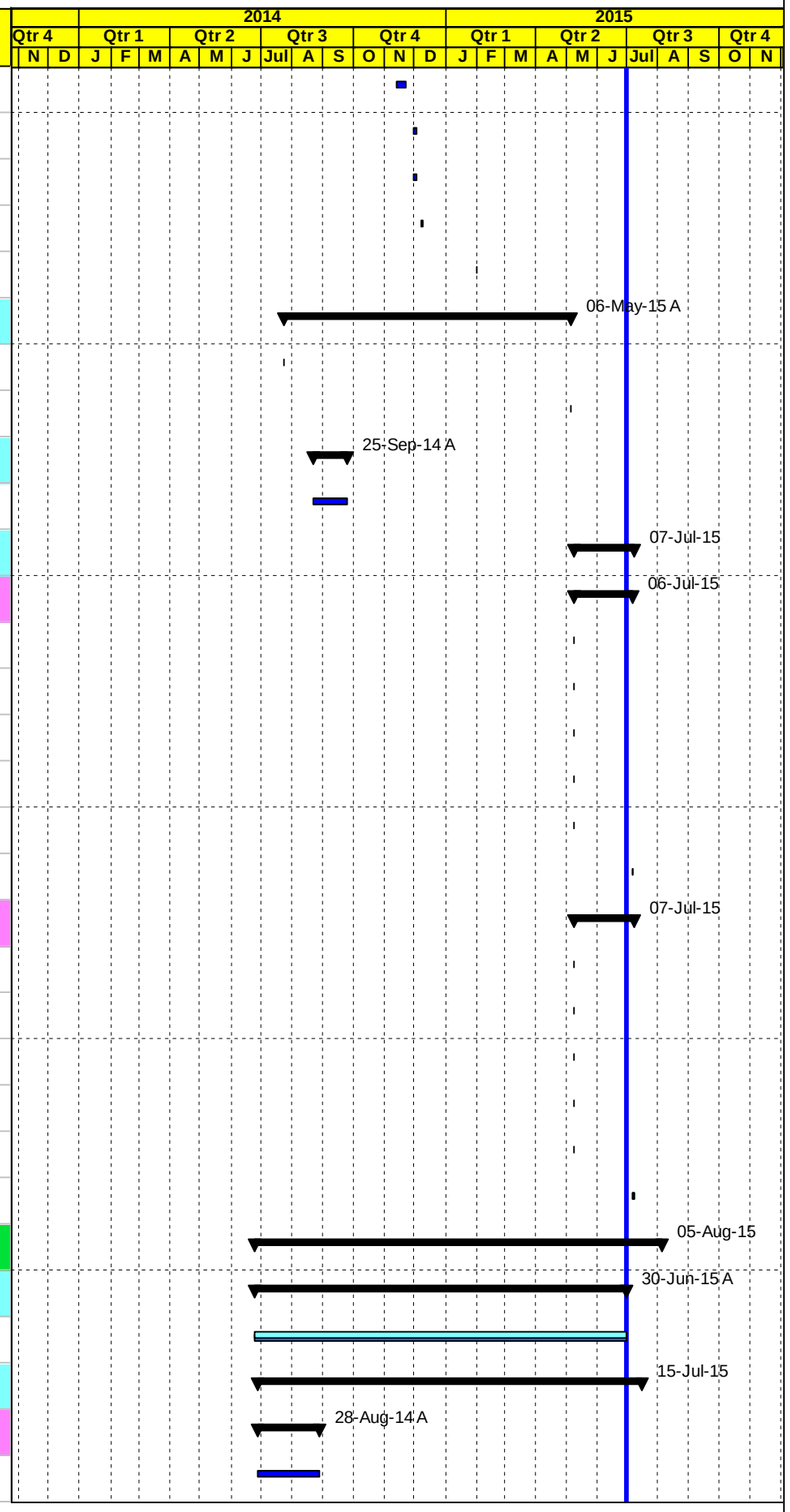
SHT1295-new	Construct - Wash out chamber (DN 50mm, pipeline Dia 100mm, PN16) @ Sta. 0+540	13d	100%	14-Nov-14 A	23-Nov-14 A	
SHT1305	Construct - Gate Valve chamber (DN 100mm, pipeline Dia 100mm, PN16) @ Sta.0+710,	13d	100%	30-Nov-14 A	03-Dec-14 A	
SHT1309-new	Construct - Connection chamber to existing (DN 150mm, pipeline Dia150mm, PN16) @ Sta.0+584	14d	100%	30-Nov-14 A	03-Dec-14 A	
SHT1307-new	Construct - Connection chamber to existing (DN 100mm, pipeline Dia100mm, PN16) @ Sta.0+204	13d	100%	08-Dec-14 A	09-Dec-14 A	
SHT1311-new	Construct - Connection chamber to existing (DN 100mm, pipeline Dia 100mm, PN16)@ Sta.1+214	12d	100%	01-Feb-15 A	01-Feb-15 A	
Testing		289d		24-Jul-14 A	06-May-15 A	
SHT1307	Radiographic Testing (RT)	1d	100%	24-Jul-14 A	24-Jul-14 A	
SHT1310	Pressure Testing	2d	100%	06-May-15 A	06-May-15 A	
Base course and Asphalt		12d		23-Aug-14 A	25-Sep-14 A	
SHT1324	Basecourse 20 cm layer	12d	100%	23-Aug-14 A	25-Sep-14 A	
Mechanical Chambers work		39d		09-May-15 A	07-Jul-15	-10d
Welding flanges		38d		09-May-15 A	06-Jul-15	-21d
SHT-1130-MECH	Welding flanges for Wash out chamber (DN 75mm, pipeline Dia 150mm, PN16) @ Sta.0+537	1d	100%	09-May-15 A	09-May-15 A	
SHT-1140-MECH	Welding flanges for Wash out chamber (DN 50mm, pipeline Dia 100mm, PN16) @ Sta. 0+540	1d	100%	09-May-15 A	09-May-15 A	
SHT-1120-MECH	Welding flanges for Connection chamber to existing (DN 100mm, pipeline Dia100mm, PN16) @ Sta.0+204	1d	100%	09-May-15 A	09-May-15 A	
SHT-1170-MECH	Welding flanges for Connection chamber to existing (DN 100mm, pipeline Dia 100mm, PN16)@ Sta.1+214	1d	100%	09-May-15 A	09-May-15 A	
SHT-1160-MECH	Welding flanges for Gate Valve chamber (DN 100mm, pipeline Dia 100mm, PN16) @ Sta.0+710,	1d	100%	09-May-15 A	09-May-15 A	
SHT-1150-MECH	Welding flanges for Connection chamber to existing (DN 150mm, pipeline Dia150mm, PN16) @ Sta.0+584	1d	0%	06-Jul-15	06-Jul-15	-21d
Mechanical fittings installation		26d		09-May-15 A	07-Jul-15	-10d
SHT-1190-MECH	Fittings installation for Wash out chamber (DN 75mm, pipeline Dia 150mm, PN16) @ Sta.0+537	1d	100%	09-May-15 A	09-May-15 A	
SHT-1200-MECH	Fittings installation for Wash out chamber (DN 50mm, pipeline Dia 100mm, PN16) @ Sta. 0+540	1d	100%	09-May-15 A	09-May-15 A	
SHT-1220-MECH	Fittings installation for Gate Valve chamber (DN 100mm, pipeline Dia 100mm, PN16) @ Sta.0+710,	1d	100%	09-May-15 A	09-May-15 A	
SHT-1180-MECH	Fittings installation for Connection chamber to existing (DN 100mm, pipeline Dia100mm, PN16) @ Sta.0+204	1d	100%	09-May-15 A	09-May-15 A	
SHT-1230-MECH	Fittings installation for Connection chamber to existing (DN 100mm, pipeline Dia 100mm, PN16)@ Sta.1+214	1d	100%	09-May-15 A	09-May-15 A	
SHT-1210-MECH	Fittings installation for Connection chamber to existing (DN 150mm, pipeline Dia150mm, PN16) @ Sta.0+584	1d	0%	07-Jul-15	07-Jul-15	-10d
Halhul Water Distribution Network All Segments		362d		24-Jun-14 A	05-Aug-15	-31d
Safety, saw cut asphalt and milling		104d		24-Jun-14 A	30-Jun-15 A	
SHT1320	Maintain traffic control and safety plan ,coordination with local and all parties	104d	100%	24-Jun-14 A	30-Jun-15 A	
Pipe Installation		269d		28-Jun-14 A	15-Jul-15	-15d
Zaboud-Halhul		22d		28-Jun-14 A	28-Aug-14 A	
SHT1330	Trench excavation ,Bedding ,install and backfill for 200 mm Dist.Zaboud Water Pipeline from Sta.0+000 to Sta.1+134	22d	100%	28-Jun-14 A	28-Aug-14 A	



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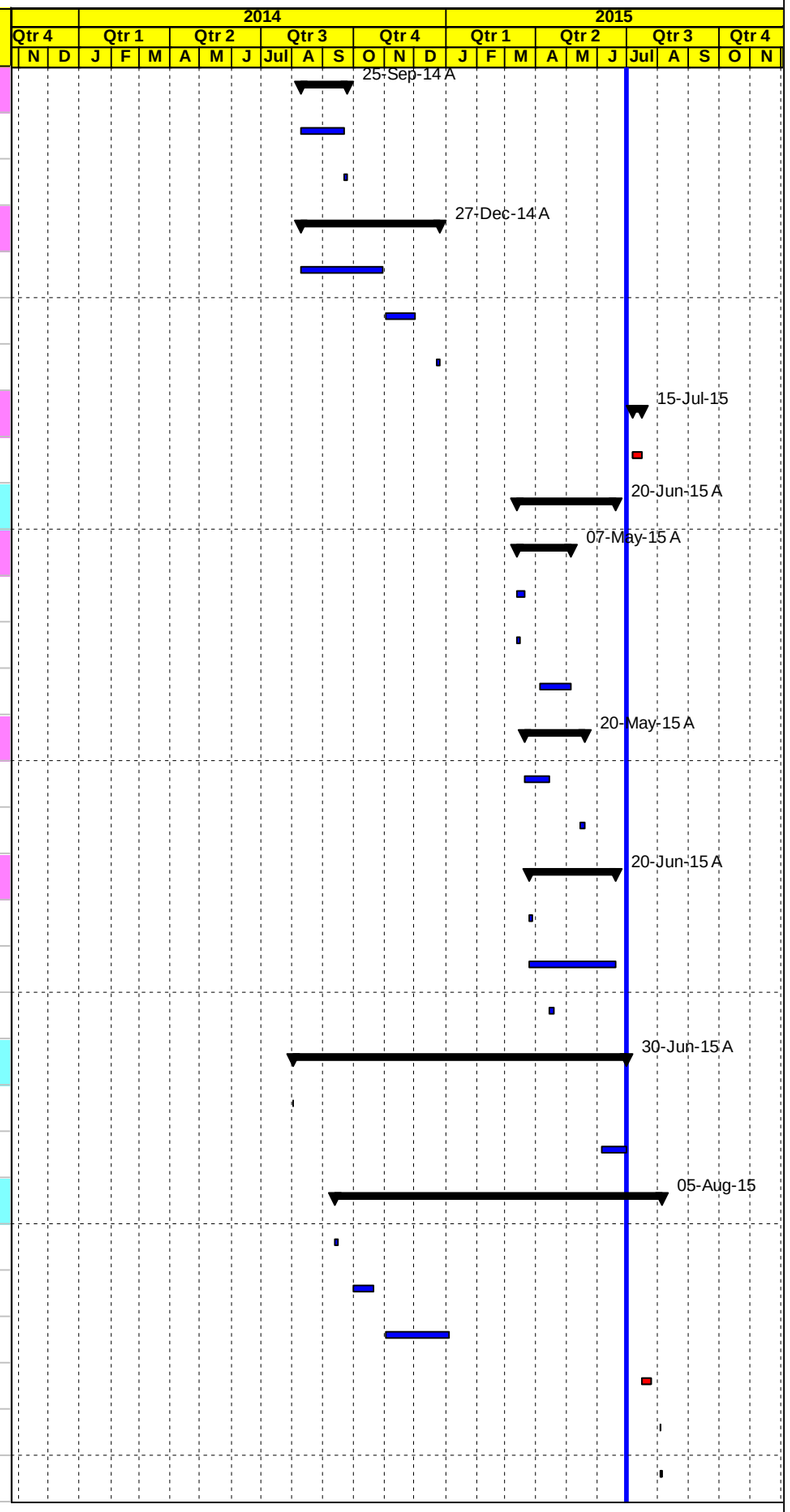
Shahera-Halhul		41d		10-Aug-14 A	25-Sep-14 A	
SHT3852-new	Trench excavation ,Bedding ,install and backfill for Shahera Pipeline 200 mm from St.0+000 -1+120	22d	100%	10-Aug-14 A	22-Sep-14 A	
SHT1340-new	Trench excavation ,Bedding ,install and backfill for Shahera Pipeline 100 mm 1+120 -1+334	4d	100%	22-Sep-14 A	25-Sep-14 A	
Nabi Yunis-Halhul		112d		10-Aug-14 A	27-Dec-14 A	
SHT3854-new	Trench excavation ,Bedding ,install and backfill for Al Nabi Younes 200 mm from St.0+000 -0+800	22d	100%	10-Aug-14 A	30-Oct-14 A	
SHT1335	Trench excavation ,Bedding ,install and backfill for Al Nabi Younes 150 mm 0+800 -1+750	8d	100%	02-Nov-14 A	02-Dec-14 A	
SHT1340	Trench excavation ,Bedding ,install and backfill Pipeline for Rmoaz 100 mm 0+800 -1+600	10d	100%	23-Dec-14 A	27-Dec-14 A	
Hawawer-Halhul		7d		07-Jul-15	15-Jul-15	-15d
SHT1345	Trench excavation ,Bedding ,install and backfill for 75 mm Dist. Hawawer Water Pipeline	7d	0%	07-Jul-15	15-Jul-15	-15d
Civil Chamber work		52d		13-Mar-15 A	20-Jun-15 A	
Zaboud-Halhul		38d		13-Mar-15 A	07-May-15 A	
SHT1350	Construct Gate Valves (DN 150mm, pipeline Dia 200mm, PN16) @ St. 0+180	8d	100%	13-Mar-15 A	21-Mar-15 A	
SHT1360	Construct Air Valves (DN 75mm, pipeline Dia 200mm, PN16) @ St. 0+208	8d	100%	14-Mar-15 A	17-Mar-15 A	
SHT1390-new	Construct - Connection chamber to existing (DN 200mm, pipeline Dia 200mm, PN16) @ Sta.1+133	21d	100%	06-Apr-15 A	07-May-15 A	
Shahera-Halhul		42d		21-Mar-15 A	20-May-15 A	
SHT1357-new	Construct - Connection chamber to existing (DN 200&100mm, pipeline Dia 200&100mm, PN16)@ Sta.1+115	21d	100%	21-Mar-15 A	14-Apr-15 A	
SHT1355-new	Construct Washout Valves (DN 75mm, pipeline Dia200mm, PN16) @ St. 0+557	8d	100%	16-May-15 A	20-May-15 A	
Nabi Yunis-Halhul		24d		25-Mar-15 A	20-Jun-15 A	
SHT1367-new	Construct - Connection chamber to existing and Wash out (DN 150&75mm, pipeline Dia 150mm, PN16) @ Sta.0+718	19d	100%	25-Mar-15 A	29-Mar-15 A	
SHT1369-new	Construct -Combined 3"ARV, 8"GV,6"GV,4"GV and connection to existing(DN100,200,150,100&200) @ St. 0+650	19d	100%	25-Mar-15 A	20-Jun-15 A	
SHT1359-new	Construct - Connection chamber to existing (DN 100mm, pipeline Dia 100mm, PN16) @ Sta.0+824	8d	100%	15-Apr-15 A	19-Apr-15 A	
Testing		86d		02-Aug-14 A	30-Jun-15 A	
SHT1365	Radiographic Testing (RT)	1d	100%	02-Aug-14 A	02-Aug-14 A	
SHT1370	Pressure Testing	7d	100%	06-Jun-15 A	30-Jun-15 A	
Asphalt		315d		13-Sep-14 A	05-Aug-15	-31d
SHT1485-new	Asphalt Reinstatement Zaboud	5d	100%	13-Sep-14 A	16-Sep-14 A	
SHT1375	Asphalt Reinstatement Shahera-	5d	100%	02-Oct-14 A	22-Oct-14 A	
SHT1380	Asphalt Reinstatement Nabi Yunis-Halhul	5d	100%	03-Nov-14 A	05-Jan-15 A	
SHT1410-new	Asphalt Reinstatement Hawawer-Halhul for 3 " pipe line	5d	0%	15-Jul-15	25-Jul-15	-15d
SHT1417-new	Milling for Shahera network pipeline RHS	1d	0%	03-Aug-15	03-Aug-15	-31d
SHT1419-new	Asphalt wearing course (5 cm) for Shahera network pipeline RHS	2d	0%	04-Aug-15	05-Aug-15	-31d



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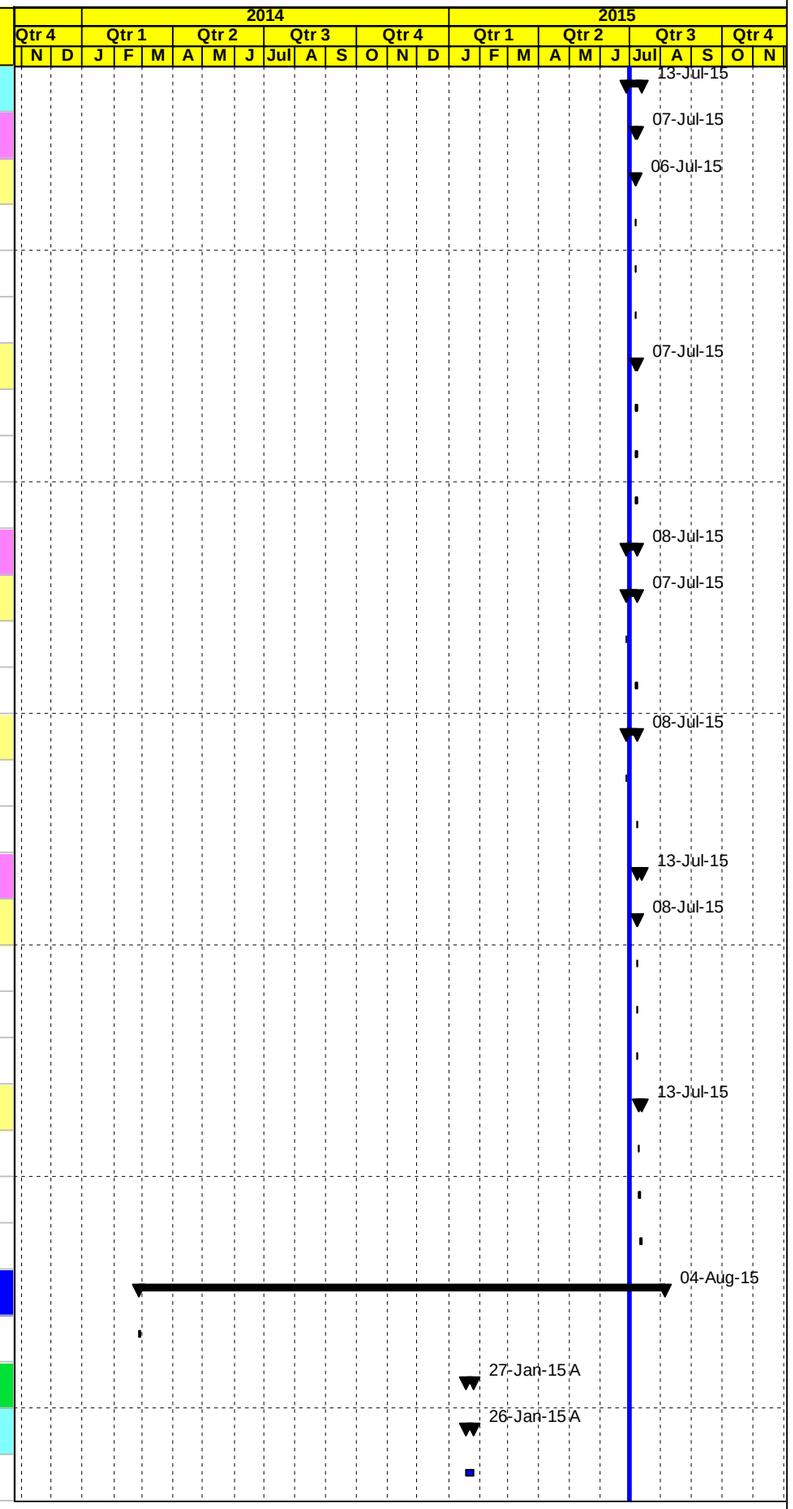
Mechanical Chambers work		10d		27-Jun-15 A	13-Jul-15	-15d
Zaboud-Halhul		2d		06-Jul-15	07-Jul-15	-21d
Welding flanges		1d		06-Jul-15	06-Jul-15	-21d
SHT-1240-MECH	Welding flanges for Gate Valves (DN 150mm, pipeline Dia 200mm, PN16) @ St. 0+180	1d	0%	06-Jul-15	06-Jul-15	-21d
SHT-1250-MECH	Welding flanges for Air Valves (DN 75mm, pipeline Dia 200mm, PN16) @ St. 0+208	1d	0%	06-Jul-15	06-Jul-15	-21d
SHT-1260-MECH	Welding flanges for Connection chamber to existing (DN 200mm, pipeline Dia 200mm, PN16) @ Sta.1+133	1d	0%	06-Jul-15	06-Jul-15	-21d
Mechanical fittings installation		1d		07-Jul-15	07-Jul-15	-21d
SHT-1270-MECH	Fittings installation for Gate Valves (DN 150mm, pipeline Dia 200mm, PN16) @ St. 0+180	1d	0%	07-Jul-15	07-Jul-15	-21d
SHT-1280-MECH	Fittings installation for Air Valves (DN 75mm, pipeline Dia 200mm, PN16) @ St. 0+208	1d	0%	07-Jul-15	07-Jul-15	-21d
SHT-1290-MECH	Fittings installation for Connection chamber to existing (DN 200mm, pipeline Dia 200mm, PN16) @ Sta.1+133	1d	0%	07-Jul-15	07-Jul-15	-21d
Shahera-Halhul		6d		27-Jun-15 A	08-Jul-15	-15d
Welding flanges		5d		27-Jun-15 A	07-Jul-15	-15d
SHT-1300-MECH	Welding flanges for Washout Valves (DN 75mm, pipeline Dia200mm, PN16) @ St. 0+557	1d	100%	27-Jun-15 A	27-Jun-15 A	
SHT-1310-MECH	Welding flanges for Connection chamber to existing (DN 200&100mm, pipeline Dia 200&100mm, PN16)@ Sta.1+115	1d	0%	07-Jul-15	07-Jul-15	-15d
Mechanical fittings installation		5d		27-Jun-15 A	08-Jul-15	-15d
SHT-1320-MECH	Fittings installation for Washout Valves (DN 75mm, pipeline Dia200mm, PN16) @ St. 0+557	1d	100%	27-Jun-15 A	27-Jun-15 A	
SHT-1330-MECH	Fittings installation for Connection chamber to existing (DN 200&100mm, pipeline Dia 200&100mm, PN16)@ Sta.1+115	1d	0%	08-Jul-15	08-Jul-15	-15d
Nabi Yunis-Halhul		5d		08-Jul-15	13-Jul-15	-15d
Welding flanges		1d		08-Jul-15	08-Jul-15	-13d
SHT-1360-MECH	Welding flanges for Connection chamber to existing (DN 100mm, pipeline Dia 100mm, PN16) @ Sta.0+824	1d	0%	08-Jul-15	08-Jul-15	-13d
SHT-1350-MECH	Welding flanges for Connection chamber to existing and Wash out (DN 150&75mm, pipeline Dia 150mm, PN16) @ Sta.0+718	1d	0%	08-Jul-15	08-Jul-15	-15d
SHT-1340-MECH	Welding flanges for Combined 3"ARV, 8"GV,6"GV,4"GV and connection to existing(DN100,200,150,100&200) @ St. 0+650	1d	0%	08-Jul-15	08-Jul-15	-15d
Mechanical fittings installation		4d		09-Jul-15	13-Jul-15	-15d
SHT-1380-MECH	Fittings installation for Conn .existing & Wash out (DN 150&75mm, pipeline Dia 150mm, PN16) @ Sta.0+718	1d	0%	09-Jul-15	09-Jul-15	-15d
SHT-1370-MECH	Fittings installation for Combined 3"ARV, 8"GV,6"GV,4"GV and connection to existing(DN100,200,150,100&200) @ St. 0+650	2d	0%	09-Jul-15	11-Jul-15	-15d
SHT-1390-MECH	Fittings installation for Connection chamber to existing (DN 100mm, pipeline Dia 100mm, PN16) @ Sta.0+824	3d	0%	11-Jul-15	13-Jul-15	-15d
Phase #2 Main pipelines, Network & Road Works St. 0+000 to 6+239		504d		26-Feb-14 A	04-Aug-15	-22d
SHT1097	Start Implement traffic control Phase Three	5d	100%	26-Feb-14 A	27-Feb-14 A	
Main pipelines St.0+000 to 0+143 (Reconstruction Agricultural Road)		17d		19-Jan-15 A	27-Jan-15 A	
Pipe Installation		7d		19-Jan-15 A	26-Jan-15 A	
SHT3880	Trench excavation for 760 mm main Pipeline with length approx. (143 LM)	7d	100%	19-Jan-15 A	26-Jan-15 A	



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar — Level of Effort

Date	Revision	Checked	Approved
02-Jul-15			

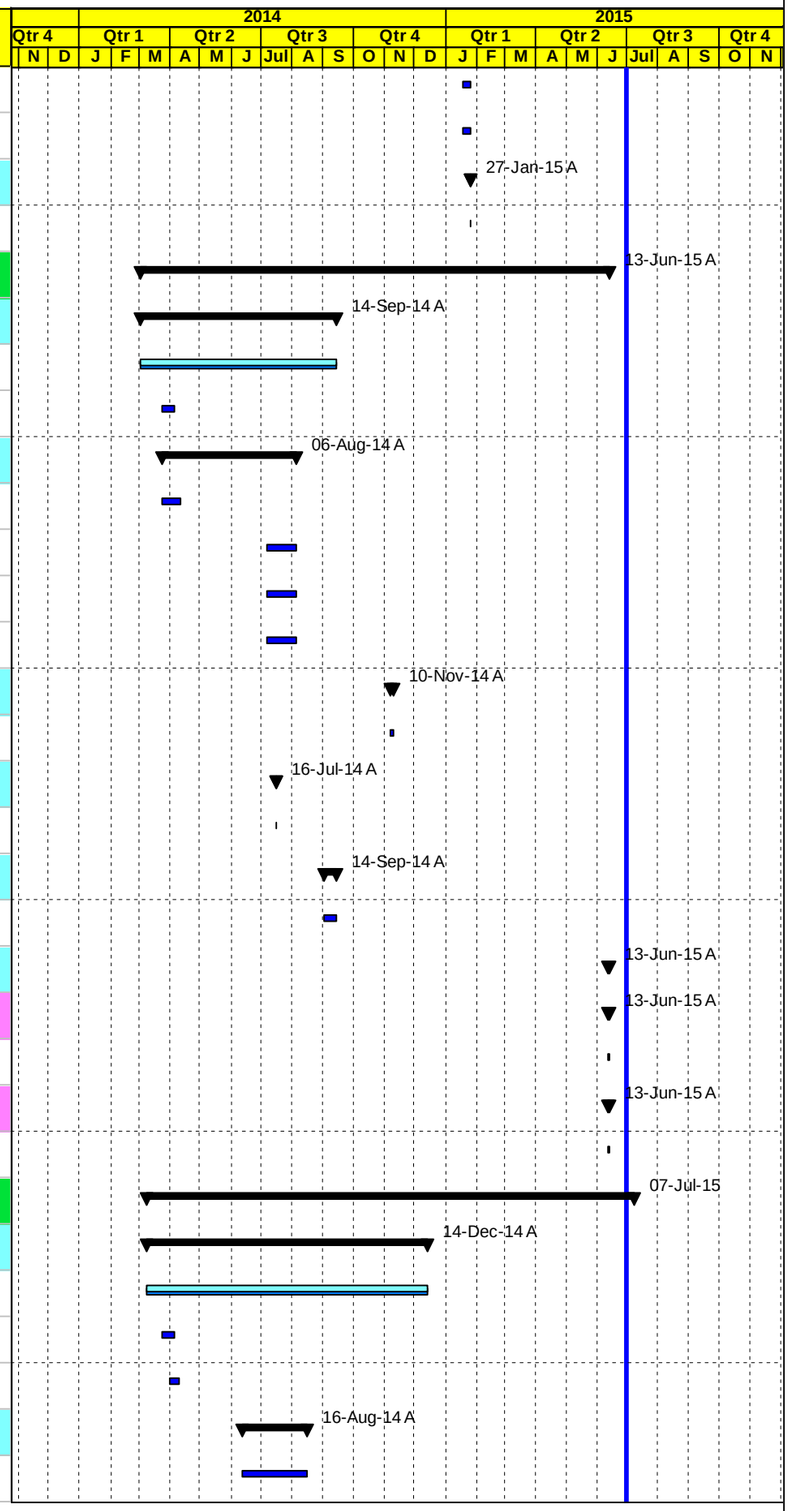
APCO ArCon
CONSTRUCTION AND SERVICES

Construction Program

Updated June 30, 2015

TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT3890	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	7d	100%	19-Jan-15 A	26-Jan-15 A	
SHT3900	Backfill the pipe trench with approved materials to the required level	7d	100%	19-Jan-15 A	26-Jan-15 A	
Topping		6d		26-Jan-15 A	27-Jan-15 A	
SHT3901	Final Finish Sub grade & Topping	6d	100%	26-Jan-15 A	27-Jan-15 A	
Main pipelines From Sta.0+143 to Sta.0+630 (Reconstruction Agricultural Road)		441d		02-Mar-14 A	13-Jun-15 A	
Safety and Excavation Works		131d		02-Mar-14 A	14-Sep-14 A	
SHT1506	Maintain traffic control plan including grading and widening the road ,coordination with local and all parties	131d	100%	02-Mar-14 A	14-Sep-14 A	
SHT1507	Road excavation and backfilling to the required sub grade levels	20d	100%	25-Mar-14 A	05-Apr-14 A	
Pipe Installation		115d		25-Mar-14 A	06-Aug-14 A	
SHT1507-new	Rock breaking (Digging)	10d	100%	25-Mar-14 A	12-Apr-14 A	
SHT1508	Trench excavation for 760 mm main pipeline from 0+143 to sta.0+630 with length approx. (487 LM)	18d	100%	07-Jul-14 A	06-Aug-14 A	
SHT1520	Backfill the pipe trench with approved materials to the required level	18d	100%	07-Jul-14 A	06-Aug-14 A	
SHT1510	Bedding layer & install the above main Steel pipeline with required welding inspection and sectional testing (UT)	18d	100%	07-Jul-14 A	06-Aug-14 A	
Civil Chamber work		11d		07-Nov-14 A	10-Nov-14 A	
SHT1550	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.0+620	11d	100%	07-Nov-14 A	10-Nov-14 A	
Testing		1d		16-Jul-14 A	16-Jul-14 A	
SHT1553	Radiographic Testing (RT)	1d	100%	16-Jul-14 A	16-Jul-14 A	
Base course & Stone Wall		13d		02-Sep-14 A	14-Sep-14 A	
SHT1560	Final Finish Sub grade & Topping st. 0+140 to st. 0+630	13d	100%	02-Sep-14 A	14-Sep-14 A	
Mechanical Chambers work-1		2d		13-Jun-15 A	13-Jun-15 A	
Welding flanges		1d		13-Jun-15 A	13-Jun-15 A	
SHT-1420-MECH	Welding flanges for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.0+620	1d	100%	13-Jun-15 A	13-Jun-15 A	
Mechanical fittings installation		1d		13-Jun-15 A	13-Jun-15 A	
SHT-1430-MECH	Fittings installation for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.0+620	1d	100%	13-Jun-15 A	13-Jun-15 A	
Main pipelines From Sta.0+630 to Sta.1+400 (Reconstruction Agricultural Road)		475d		08-Mar-14 A	07-Jul-15	-12d
Safety and Excavation Works		151d		08-Mar-14 A	14-Dec-14 A	
SHT1570	Maintain traffic control plan including grading and widening the road ,coordination with local and all parties	140d	100%	08-Mar-14 A	14-Dec-14 A	
SHT1580	Road excavation and backfilling to the required sub grade levels	22d	100%	25-Mar-14 A	05-Apr-14 A	
SHT1587-new	Rock breaking (Digging)	10d	100%	01-Apr-14 A	11-Apr-14 A	
Pipe Installation		20d		12-Jun-14 A	16-Aug-14 A	
SHT1590	Trench excavation for 760 mm main pipeline from 0+630 to sta.1+400 with length approx. (770 LM)	20d	100%	12-Jun-14 A	16-Aug-14 A	



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar — Level of Effort

Date	Revision	Checked	Approved
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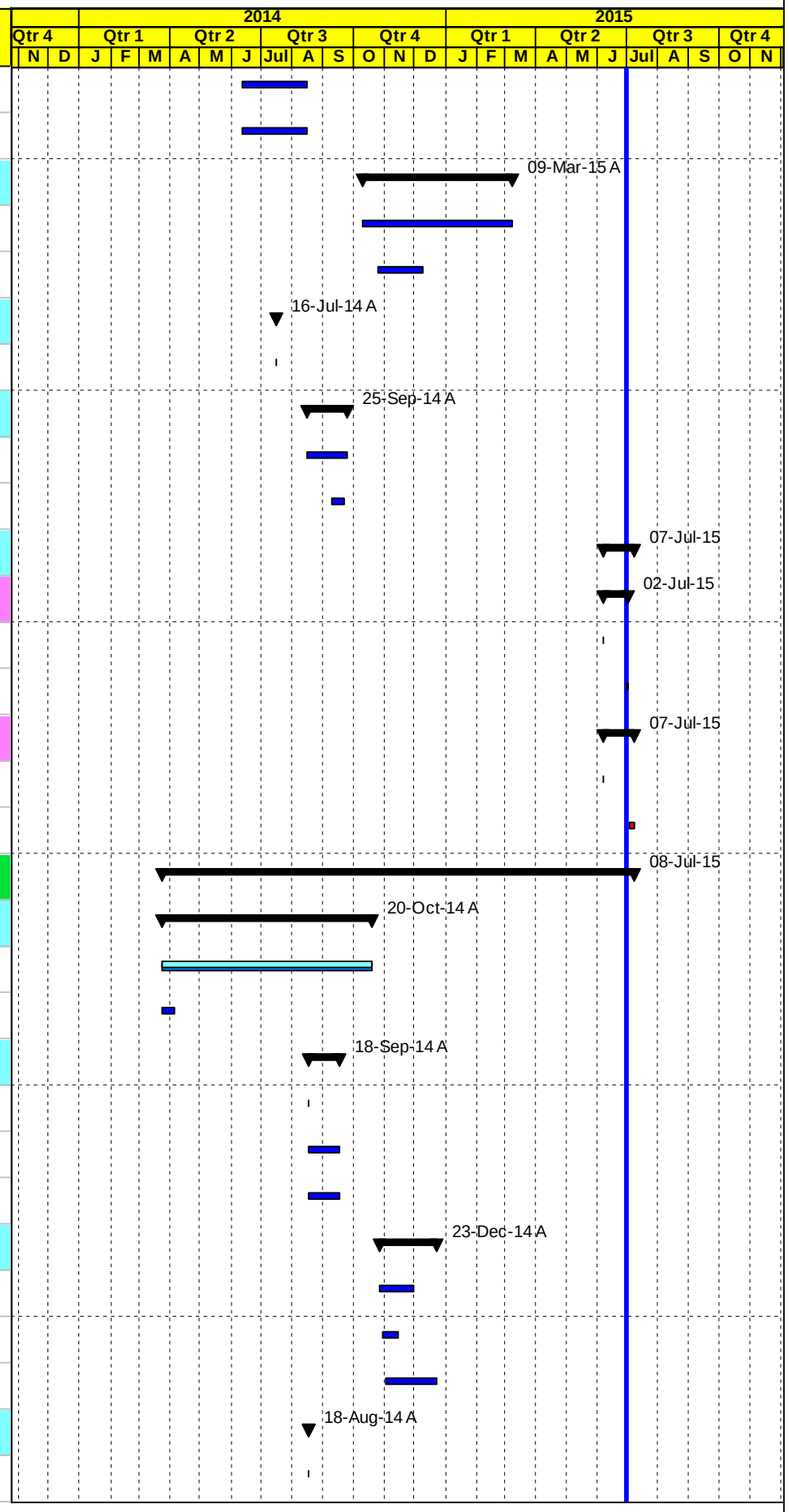
APCO/ArCon CONSTRUCTION AND SERVICES

Construction Program

Updated June 30, 2015

TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT1600	Bedding layer & install the above main Steel pipeline with required welding inspection and sectional testing (UT)	20d	100%	12-Jun-14 A	16-Aug-14 A	
SHT1610	Backfill the pipe trench with approved materials to the required level	20d	100%	12-Jun-14 A	16-Aug-14 A	
Civil Chamber work		31d		11-Oct-14 A	09-Mar-15 A	
SHT1540	Construct Main Connection chamber (DN 500mm, pipeline Dia 760mm, PN25)@ Sta.1+280	21d	100%	11-Oct-14 A	09-Mar-15 A	
SHT1620	Construct - ARV chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta.0+743	23d	100%	26-Oct-14 A	10-Dec-14 A	
Testing		1d		16-Jul-14 A	16-Jul-14 A	
SHT1623	Radiographic Testing (RT)	1d	100%	16-Jul-14 A	16-Jul-14 A	
Topping and Base course		91d		16-Aug-14 A	25-Sep-14 A	
SHT1630	20 cm base course layer from Sta.1+200 to 1+400	16d	100%	16-Aug-14 A	25-Sep-14 A	
SHT1920	Topping from Sta.0+630 to 1+200	13d	100%	10-Sep-14 A	22-Sep-14 A	
Mechanical Chambers work		31d		07-Jun-15 A	07-Jul-15	-10d
Welding flanges		27d		07-Jun-15 A	02-Jul-15	-25d
SHT-1440-MECH	Welding flanges for ARV chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta.0+743	1d	100%	07-Jun-15 A	07-Jun-15 A	
SHT-1450-MECH	Welding flanges for Main Connection chamber (DN 500mm, pipeline Dia 760mm, PN25)@ Sta.1+280	2d	0%	01-Jul-15	02-Jul-15	-25d
Mechanical fittings installation		30d		07-Jun-15 A	07-Jul-15	-10d
SHT-1460-MECH	Fittings installation for ARV chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta.0+743	1d	100%	07-Jun-15 A	07-Jun-15 A	
SHT-1470-MECH	Fittings installation for Main Connection chamber (DN 500mm, pipeline Dia 760mm, PN25)@ Sta.1+280	4d	0%	04-Jul-15	07-Jul-15	-10d
Main pipelines From Sta.1+400 to Sta.2+200 (Reconstruction Agricultural Road)		473d		24-Mar-14 A	08-Jul-15	-25d
Safety , Excavation Works and Pipe Culvert		202d		24-Mar-14 A	20-Oct-14 A	
SHT1640	Maintain traffic control plan including grading and widening the road ,coordination with local and all parties	201d	100%	24-Mar-14 A	20-Oct-14 A	
SHT1650	Road excavation and backfilling to the required sub grade levels	20d	100%	25-Mar-14 A	05-Apr-14 A	
Pipe Installation		21d		17-Aug-14 A	18-Sep-14 A	
SHT1670	Trench excavation for 760 mm main pipeline from 1+400 to sta.2+200 with length approx. (800 LM)	21d	100%	17-Aug-14 A	18-Aug-14 A	
SHT1680	Bedding layer & install the above main Steel pipeline with required welding inspection and sectional testing (UT)	21d	100%	17-Aug-14 A	18-Sep-14 A	
SHT1690	Backfill the pipe trench with approved materials to the required level	21d	100%	17-Aug-14 A	18-Sep-14 A	
Civil Chamber work		46d		27-Oct-14 A	23-Dec-14 A	
SHT1710	Construct - ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta. 1+942	21d	100%	27-Oct-14 A	01-Dec-14 A	
SHT1700	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.1+530	21d	100%	30-Oct-14 A	15-Nov-14 A	
SHT1720	Construct -Al Arrub Connection chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta.2+070 LHS	21d	100%	02-Nov-14 A	23-Dec-14 A	
Testing		1d		18-Aug-14 A	18-Aug-14 A	
SHT1724	Radiographic Testing (RT) Workshop	1d	100%	18-Aug-14 A	18-Aug-14 A	



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar — Level of Effort

Date	Revision	Checked	Approved
02-Jul-15			

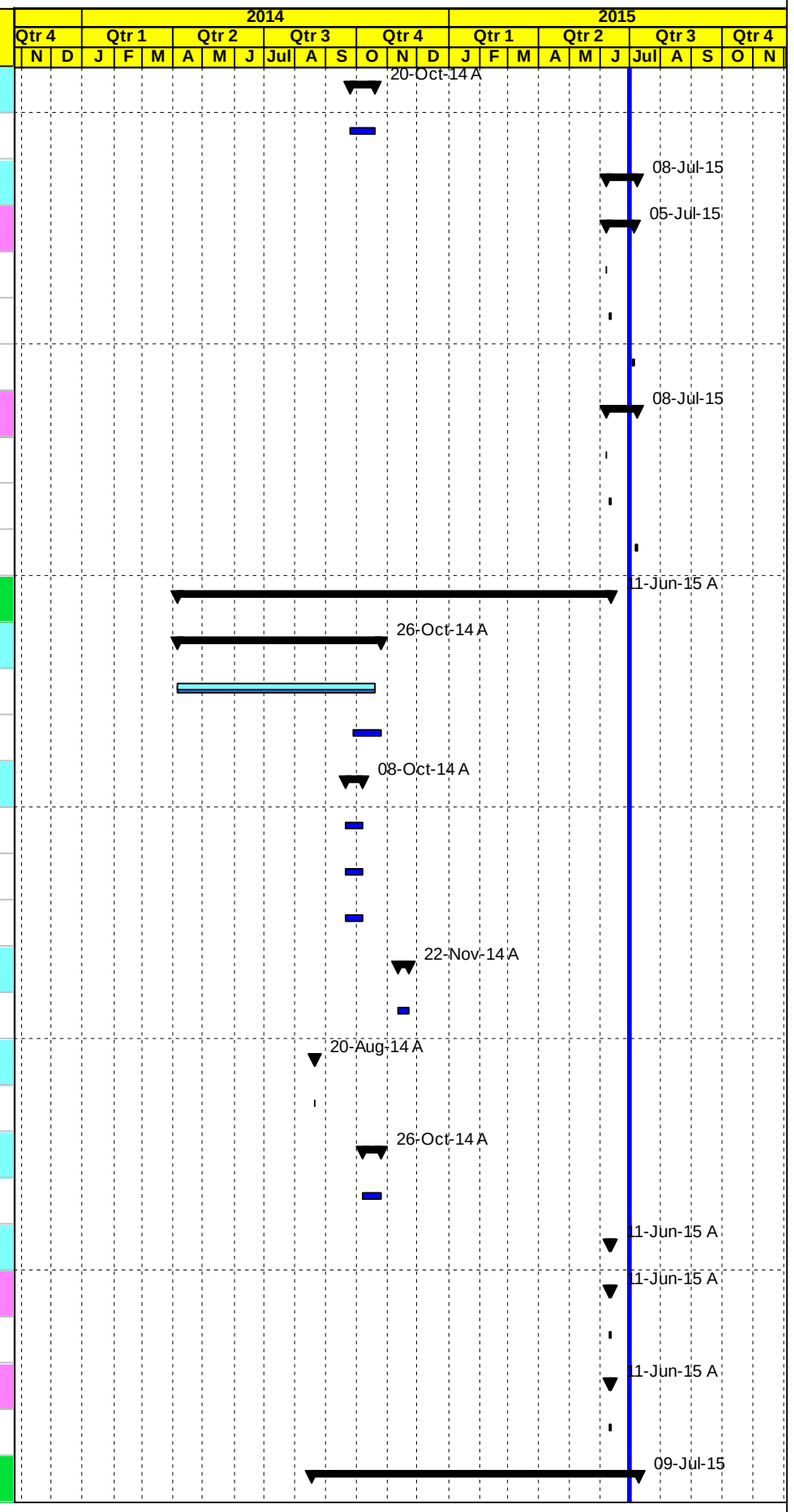
APCO ArCon CONSTRUCTION AND SERVICES

Construction Program

Updated June 30, 2015

TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
Base course & Stone Wall		16d		25-Sep-14 A	20-Oct-14 A	
SHT1730	Final Finish Sub grade & 20 cm base course layer from 1+400 to 2+200	16d	100%	25-Sep-14 A	20-Oct-14 A	
Mechanical Chambers work		32d		07-Jun-15 A	08-Jul-15	-22d
Welding flanges		29d		07-Jun-15 A	05-Jul-15	-25d
SHT-1490-MECH	Welding flanges for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta. 1+942	1d	100%	07-Jun-15 A	07-Jun-15 A	
SHT-1480-MECH	Welding flanges for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.1+530	1d	100%	11-Jun-15 A	11-Jun-15 A	
SHT-1500-MECH	Welding flanges for Al Arrub Connection chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta.2+070 LHS	2d	0%	04-Jul-15	05-Jul-15	-25d
Mechanical fittings installation		31d		07-Jun-15 A	08-Jul-15	-22d
SHT-1520-MECH	Fittings installation for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta. 1+942	1d	100%	07-Jun-15 A	07-Jun-15 A	
SHT-1510-MECH	Fittings installation for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.1+530	1d	100%	11-Jun-15 A	11-Jun-15 A	
SHT-1530-MECH	Fittings installation for Al Arrub Connection chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta.2+070 LHS	3d	0%	06-Jul-15	08-Jul-15	-22d
Main pipelines From Sta.2+200 to Sta.2+780		334d		05-Apr-14 A	11-Jun-15 A	
Safety , Excavation Works and Pipe Culvert		101d		05-Apr-14 A	26-Oct-14 A	
SHT1740	Maintain traffic control plan including grading and widening the road ,coordination with local and all parties	101d	100%	05-Apr-14 A	20-Oct-14 A	
SHT1750	Road excavation and backfilling to the required sub grade levels	22d	100%	28-Sep-14 A	26-Oct-14 A	
Pipe Installation		17d		20-Sep-14 A	08-Oct-14 A	
SHT1770	Trench excavation for 760 mm main pipeline from 2+200 to sta.2+780 with length approx. (580 LM)	17d	100%	20-Sep-14 A	08-Oct-14 A	
SHT1780	Bedding layer & install the above main Steel pipeline with required welding inspection and sectional testing (UT)	17d	100%	20-Sep-14 A	08-Oct-14 A	
SHT1790	Backfill the pipe trench with approved materials to the required level	17d	100%	20-Sep-14 A	08-Oct-14 A	
Civil Chamber work		8d		12-Nov-14 A	22-Nov-14 A	
SHT1800	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta. 2+230	8d	100%	12-Nov-14 A	22-Nov-14 A	
Testing		1d		20-Aug-14 A	20-Aug-14 A	
SHT1803	Radiographic Testing (RT) Workshop	1d	100%	20-Aug-14 A	20-Aug-14 A	
Basecourse		12d		08-Oct-14 A	26-Oct-14 A	
SHT1810	Final Finish Sub grade & 20 cm base course layer from 2+200 to 2+780	12d	100%	08-Oct-14 A	26-Oct-14 A	
Mechanical Chambers work		2d		11-Jun-15 A	11-Jun-15 A	
Welding flanges		1d		11-Jun-15 A	11-Jun-15 A	
SHT-1540-MECH	Welding flanges for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta. 2+230	1d	100%	11-Jun-15 A	11-Jun-15 A	
Mechanical fittings installation		1d		11-Jun-15 A	11-Jun-15 A	
SHT-1560-MECH	Fittings installation for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta. 2+230	1d	100%	11-Jun-15 A	11-Jun-15 A	
Main pipelines & (Milling & over lay 11m width existing asphalt Road) St. 2+780 to 3+030		271d		18-Aug-14 A	09-Jul-15	-14d



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar — Level of Effort

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APCO ArCon CONSTRUCTION AND SERVICES

Construction Program

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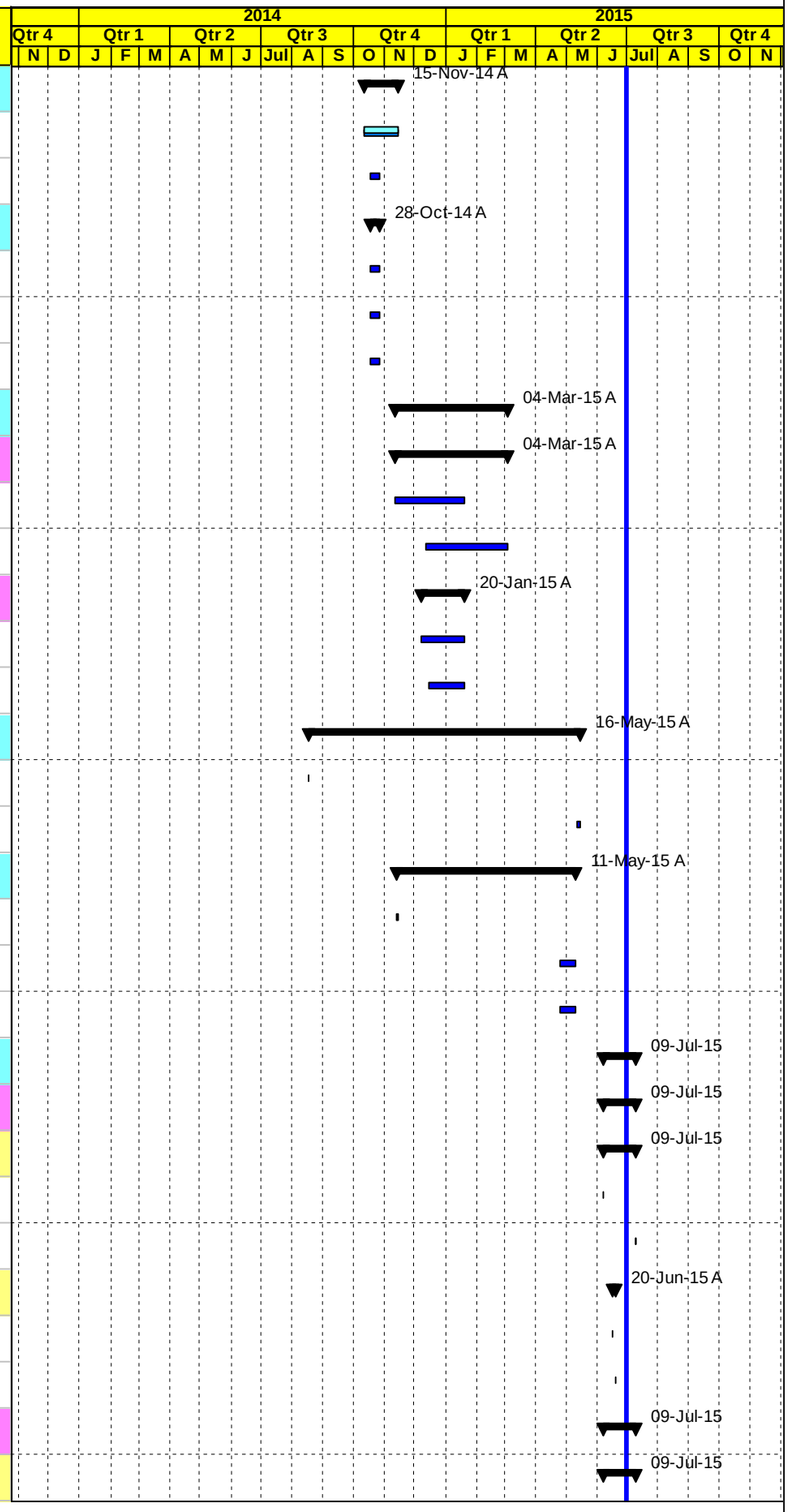
TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
Safety , Millings and Pipe Culvert		105d		11-Oct-14 A	15-Nov-14 A	
SHT1830	Maintain traffic control and safety plan ,coordination with local authorities and all other parties	105d	100%	11-Oct-14 A	15-Nov-14 A	
SHT1840	Saw cut asphalt/Road excavation	2d	100%	18-Oct-14 A	28-Oct-14 A	
Pipe Installation		7d		18-Oct-14 A	28-Oct-14 A	
SHT1850	Trench excavation for 760 mm main pipeline and 200mm dist. Pipeline with length approx. (250 LM)	7d	100%	18-Oct-14 A	28-Oct-14 A	
SHT1870	Backfill the pipe trench with approved materials to the required level including 20 cm base course	7d	100%	18-Oct-14 A	28-Oct-14 A	
SHT1860	Bedding layer & install the above main & dist. Steel pipeline with required welding inspection & sectional testing (UT)	7d	100%	18-Oct-14 A	28-Oct-14 A	
Civil Chamber work		57d		12-Nov-14 A	04-Mar-15 A	
Main pipeline chambers		57d		12-Nov-14 A	04-Mar-15 A	
SHT1940-new	Construct - ARV chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta.2+782	21d	100%	12-Nov-14 A	20-Jan-15 A	
SHT1880	Construct - Washout chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.2+857	19d	100%	13-Dec-14 A	04-Mar-15 A	
Networks chambers		35d		08-Dec-14 A	20-Jan-15 A	
SHT1880-new	Construct - chamber for Connection to existing (DN 200mm, pipeline Dia 200mm, PN16) @2+781	21d	100%	08-Dec-14 A	20-Jan-15 A	
SHT1885-new	Construct - Washout chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.2+858	5d	100%	15-Dec-14 A	20-Jan-15 A	
Testing		115d		18-Aug-14 A	16-May-15 A	
SHT1883	Radiographic Testing (RT) Workshop	1d	100%	18-Aug-14 A	18-Aug-14 A	
SHT1895	Pressure Testing for 200 mm dist. Pipelines	2d	100%	13-May-15 A	16-May-15 A	
Asphalt		64d		13-Nov-14 A	11-May-15 A	
SHT1900	Asphalt Reinstament over pipe trench including prime coat and 5 cm asphalt wearing layer	2d	100%	13-Nov-14 A	15-Nov-14 A	
SHT1910	5 cm asphalt wearing course including tack coat	2d	100%	26-Apr-15 A	11-May-15 A	
SHT1887	Milling	1d	100%	26-Apr-15 A	11-May-15 A	
Mechanical Chambers work		30d		07-Jun-15 A	09-Jul-15	-12d
Welding flanges		30d		07-Jun-15 A	09-Jul-15	-23d
Main pipeline chambers		30d		07-Jun-15 A	09-Jul-15	-23d
SHT-1570-MECH	Welding flanges for ARV chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta.2+782	1d	100%	07-Jun-15 A	07-Jun-15 A	
SHT-1580-MECH	Welding flanges for Washout chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.2+857	1d	0%	09-Jul-15	09-Jul-15	-23d
Networks chambers		8d		17-Jun-15 A	20-Jun-15 A	
SHT-1590-MECH	Welding flanges for Connection to existing (DN 200mm, pipeline Dia 200mm, PN16) @2+781	1d	100%	17-Jun-15 A	17-Jun-15 A	
SHT-1600-MECH	Welding flanges for Washout chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.2+858	1d	100%	20-Jun-15 A	20-Jun-15 A	
Mechanical fittings installation		29d		07-Jun-15 A	09-Jul-15	-12d
Main pipeline chambers		29d		07-Jun-15 A	09-Jul-15	-12d



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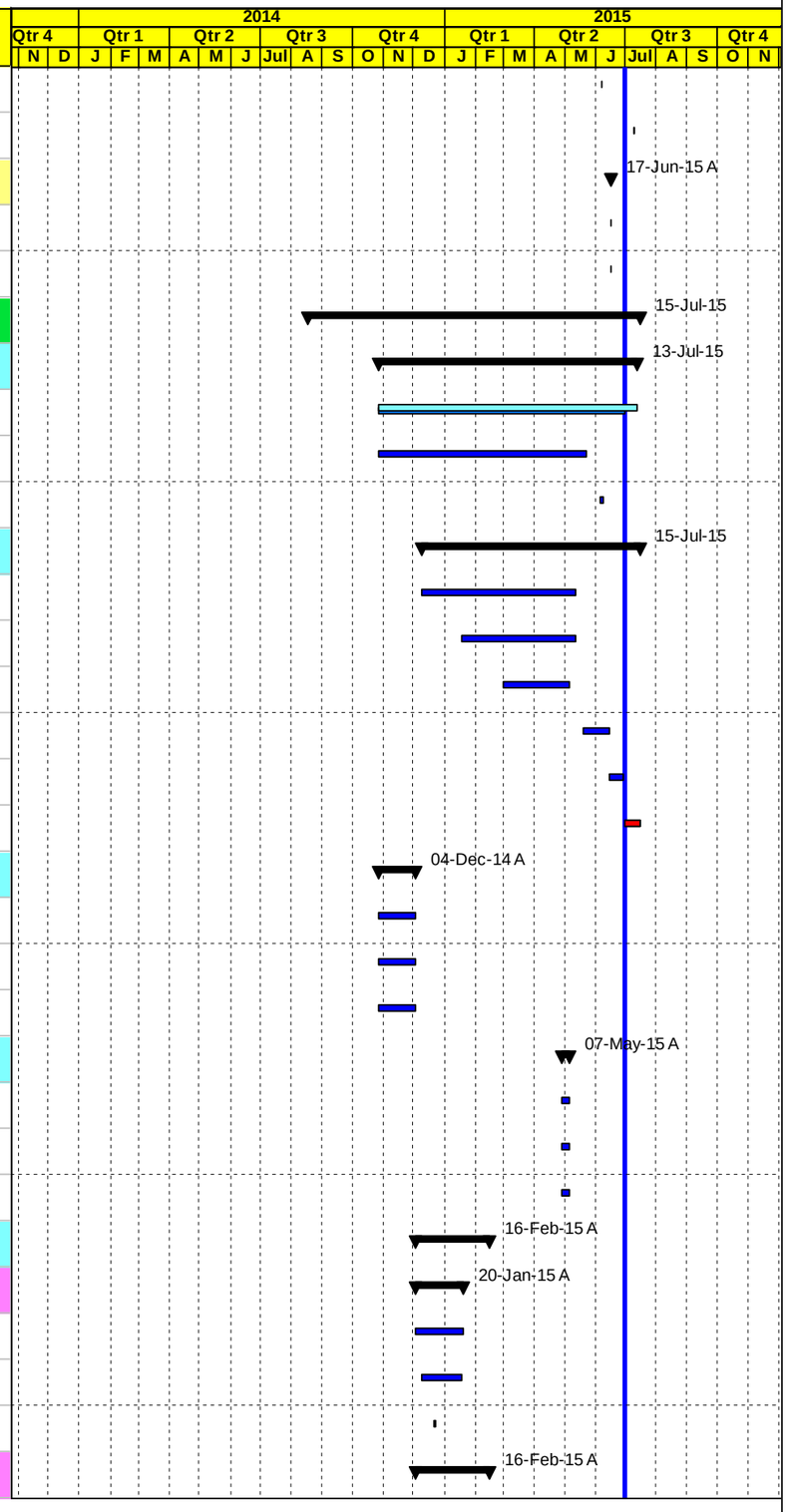
SHT-1610-MECH	Fittings installation for ARV chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta.2+782	1d	100%	07-Jun-15 A	07-Jun-15 A	
SHT-1620-MECH	Fittings installation for Washout chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.2+857	1d	0%	09-Jul-15	09-Jul-15	-12d
Networks chambers		8d		17-Jun-15 A	17-Jun-15 A	
SHT-1630-MECH	Fittings installation for Connection to existing (DN 200mm, pipeline Dia 200mm, PN16) @2+781	1d	100%	17-Jun-15 A	17-Jun-15 A	
SHT-1640-MECH	Fittings installation for Washout chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.2+858	1d	100%	17-Jun-15 A	17-Jun-15 A	
Main pipelines &(Reconstruction for exist asphalt Road at residanial area 6 width) St.3+030 to 3+780		262d		18-Aug-14 A	15-Jul-15	-2d
Safety and Excavation Works		222d		26-Oct-14 A	13-Jul-15	-27d
SHT1930	Maintain traffic control &safety plan to include local access to residance ,all corrdination & relocate utilities	49d	80%	26-Oct-14 A	13-Jul-15	-23d
SHT1950	Remove exist asphalt , Road excavation and backfilling to the required subgrade level from St. 3+070 -3+200 &3+640-3+780	20d	100%	28-Oct-14 A	23-May-15 A	
SHT2030	Road excavation and backfilling to the required subgrade level from St. 3+200 to St. 3+640	5d	100%	06-Jun-15 A	09-Jun-15 A	
Concrete Wall		221d		09-Dec-14 A	15-Jul-15	-2d
SHT1960	Retaining Wall from sta. 3+226to 3+295 RHS	26d	100%	09-Dec-14 A	12-May-15 A	
SHT2290	Retaining Wall from Sta.3+380 to Sta.3+464.92 RHS	40d	100%	19-Jan-15 A	12-May-15 A	
SHT2840	Retaining Wall from Sta.3+150 to Sta.3+205 RHS	19d	100%	01-Mar-15 A	06-May-15 A	
SHT2170	Concrete Gravity Wall from Sta.3+555 to Sta.3+573 RHS	15d	100%	20-May-15 A	15-Jun-15 A	
SHT2310	Concrete Founation for Retaining Wall from Sta.3+630- Sta.3+680 LHS	21d	100%	15-Jun-15 A	29-Jun-15 A	
SHT3040	Concrete Wall for Retaining Wall from Sta.3+630- Sta.3+680 LHS	15d	0%	01-Jul-15	15-Jul-15	-2d
Pipe Installation		21d		28-Oct-14 A	04-Dec-14 A	
SHT1970	Trench excavation for 760 mm main and 200 mm dist. Pipelines with length approx. (750 LM)	21d	100%	28-Oct-14 A	04-Dec-14 A	
SHT1980	Bedding layer & install the above main&dist.Steel pipeline including required welding inspection/sectional testing (UT)	21d	100%	28-Oct-14 A	04-Dec-14 A	
SHT1990	Backfill the pipe trench with approved materials to the required level	21d	100%	28-Oct-14 A	04-Dec-14 A	
Additional Pipe Installation		7d		28-Apr-15 A	07-May-15 A	
SHT2560-new	Trench excavation for 75 mm main Pipeline with length approx. (265 LM) from St. 3+515 to St. 3+780	7d	100%	28-Apr-15 A	07-May-15 A	
SHT2565-new	Bedding layer & install the above main Steel pipeline including required welding inspection	7d	100%	28-Apr-15 A	07-May-15 A	
SHT2570-new	Backfill the pipe trench with approved materials to the required level	7d	100%	28-Apr-15 A	07-May-15 A	
Civil Chamber work		62d		04-Dec-14 A	16-Feb-15 A	
Main pipeline chambers		26d		04-Dec-14 A	20-Jan-15 A	
SHT2010	Construct -Beit Ummar Connection chamber (DN 250mm, pipeline Dia 760mm, PN25)@ Sta.3+485 RHS	21d	100%	04-Dec-14 A	20-Jan-15 A	
SHT3850-new	Construct - ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta. 3+303	22d	100%	09-Dec-14 A	19-Jan-15 A	
SHT2000	Construct - ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta. 3+745	5d	100%	22-Dec-14 A	23-Dec-14 A	
Networks chambers		62d		04-Dec-14 A	16-Feb-15 A	



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar — Level of Effort

Date	Revision	Checked	Approved
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APCO ArCon
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Construction Program

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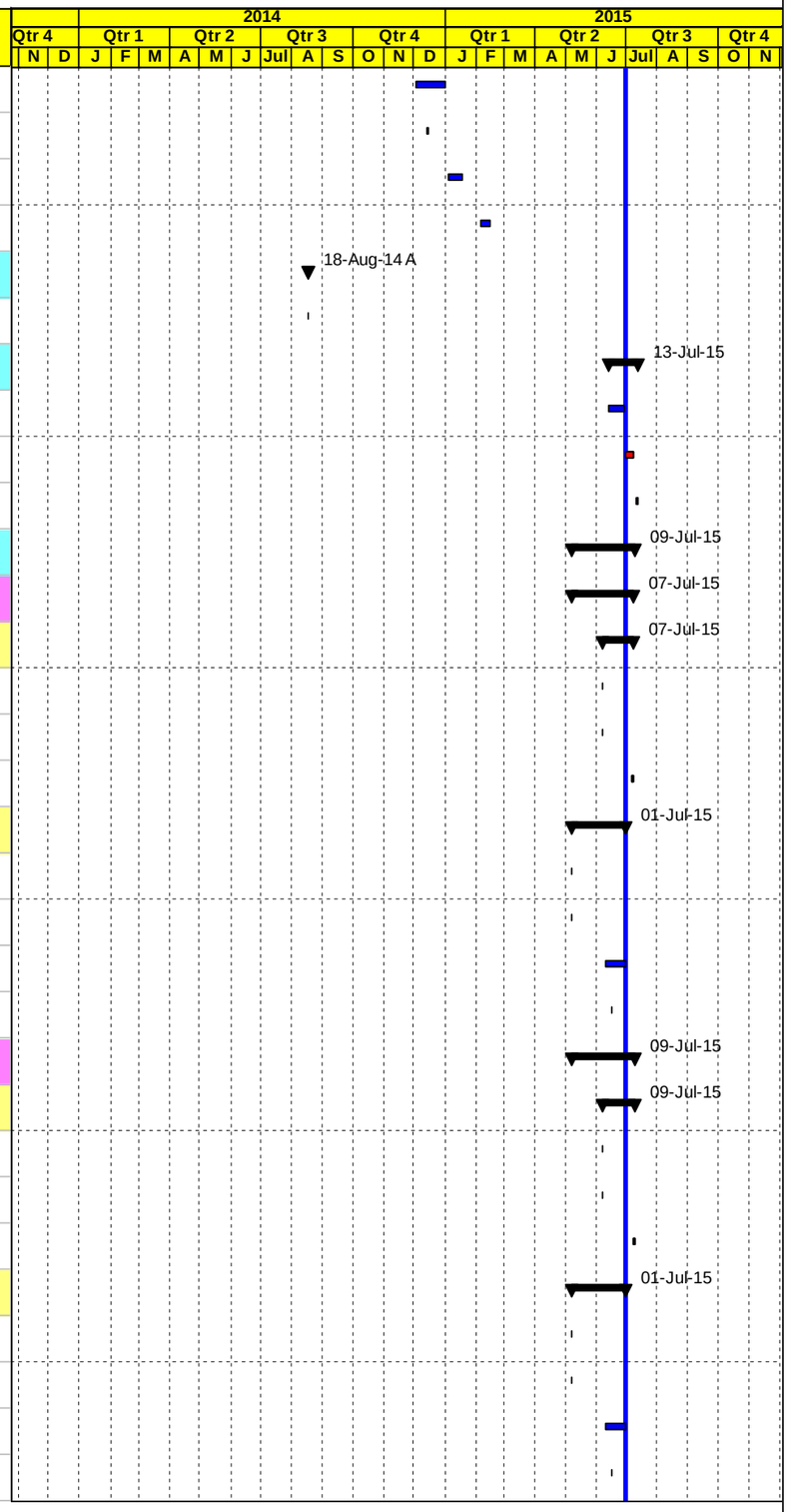
TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT2020-new	Construct - combined chamber gate valve (DN 200&200mm, pipeline Dia 200&200mm, PN16) @ Sta. 3+490	8d	100%	04-Dec-14 A	01-Jan-15 A	
SHT1895-new	Construct - ARV Valve chamber (DN 75mm, pipeline Dia 200mm, PN16@ Sta.3+743	7d	100%	14-Dec-14 A	15-Dec-14 A	
SHT1890-new	Construct - ARV Valve chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.3+301	9d	100%	04-Jan-15 A	19-Jan-15 A	
SHT1896-new	Construct - chamber for Connection to existing (DN 200&100mm, pipeline Dia 200&100mm, PN16) @3+780	21d	100%	06-Feb-15 A	16-Feb-15 A	
Testing		1d		18-Aug-14 A	18-Aug-14 A	
SHT2013	Radiographic Testing (RT) Workshop	1d	100%	18-Aug-14 A	18-Aug-14 A	
Base course , Stone Wall and Asphalt		23d		14-Jun-15 A	13-Jul-15	-27d
SHT2020	Final Finish Sub grade & 20cm base course layer Phase One	9d	100%	14-Jun-15 A	29-Jun-15 A	
SHT3080	Finish 20cm base course layer from St. 3+030 To St. 3+780	8d	0%	01-Jul-15	08-Jul-15	-24d
SHT2040	7 cm asphalt wearing course including prime coat from St. 3+030 To St. 3+780	2d	0%	11-Jul-15	13-Jul-15	-23d
Mechanical Chambers work		38d		08-May-15 A	09-Jul-15	-12d
Welding flanges		36d		08-May-15 A	07-Jul-15	-25d
Main pipeline chambers		26d		07-Jun-15 A	07-Jul-15	-25d
SHT-1670-MECH	Welding flanges for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta. 3+745	1d	100%	07-Jun-15 A	07-Jun-15 A	
SHT-1650-MECH	Welding flanges for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta. 3+303	1d	100%	07-Jun-15 A	07-Jun-15 A	
SHT-1660-MECH	Welding flanges for Beit Ummar Connection chamber (DN 250mm, pipeline Dia 760mm, PN25)@ Sta.3+485 RHS	2d	0%	06-Jul-15	07-Jul-15	-25d
Networks chambers		28d		08-May-15 A	01-Jul-15	-20d
SHT-1700-MECH	Welding flanges for ARV Valve chamber (DN 75mm, pipeline Dia 200mm, PN16@ Sta.3+743	1d	100%	08-May-15 A	08-May-15 A	
SHT-1680-MECH	Welding flanges for ARV Valve chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.3+301	1d	100%	08-May-15 A	08-May-15 A	
SHT-1710-MECH	Welding flanges for Connection to existing (DN 200&100mm, pipeline Dia 200&100mm, PN16) @3+780	1d	50%	10-Jun-15 A	01-Jul-15	-20d
SHT-1690-MECH	Welding flanges for combined chamber gate valve (DN 200&200mm, pipeline Dia 200&200mm, PN16) @ Sta. 3+490	1d	100%	17-Jun-15 A	17-Jun-15 A	
Mechanical fittings installation		27d		08-May-15 A	09-Jul-15	-12d
Main pipeline chambers		27d		07-Jun-15 A	09-Jul-15	-23d
SHT-1740-MECH	Fittings installation for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta. 3+745	1d	100%	07-Jun-15 A	07-Jun-15 A	
SHT-1720-MECH	Fittings installation for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta. 3+303	1d	100%	07-Jun-15 A	07-Jun-15 A	
SHT-1730-MECH	Fittings installation for Beit Ummar Connection chamber (DN 250mm, pipeline Dia 760mm, PN25)@ Sta.3+485 RHS	2d	0%	08-Jul-15	09-Jul-15	-23d
Networks chambers		15d		08-May-15 A	01-Jul-15	-5d
SHT-1770-MECH	Fittings installation for ARV Valve chamber (DN 75mm, pipeline Dia 200mm, PN16@ Sta.3+743	1d	100%	08-May-15 A	08-May-15 A	
SHT-1750-MECH	Fittings installation for ARV Valve chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.3+301	1d	100%	08-May-15 A	08-May-15 A	
SHT-1780-MECH	Fittings installation for Connection to existing (DN 200&100mm, pipeline Dia 200&100mm, PN16) @3+780	1d	50%	10-Jun-15 A	01-Jul-15	-5d
SHT-1760-MECH	Fittings installation for combined chamber gate valve (DN 200&200mm, pipeline Dia 200&200mm, PN16) @ Sta. 3+490	1d	100%	17-Jun-15 A	17-Jun-15 A	



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar — Level of Effort

Date	Revision	Checked	Approved
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CONSTRUCTION AND SERVICES

Construction Program

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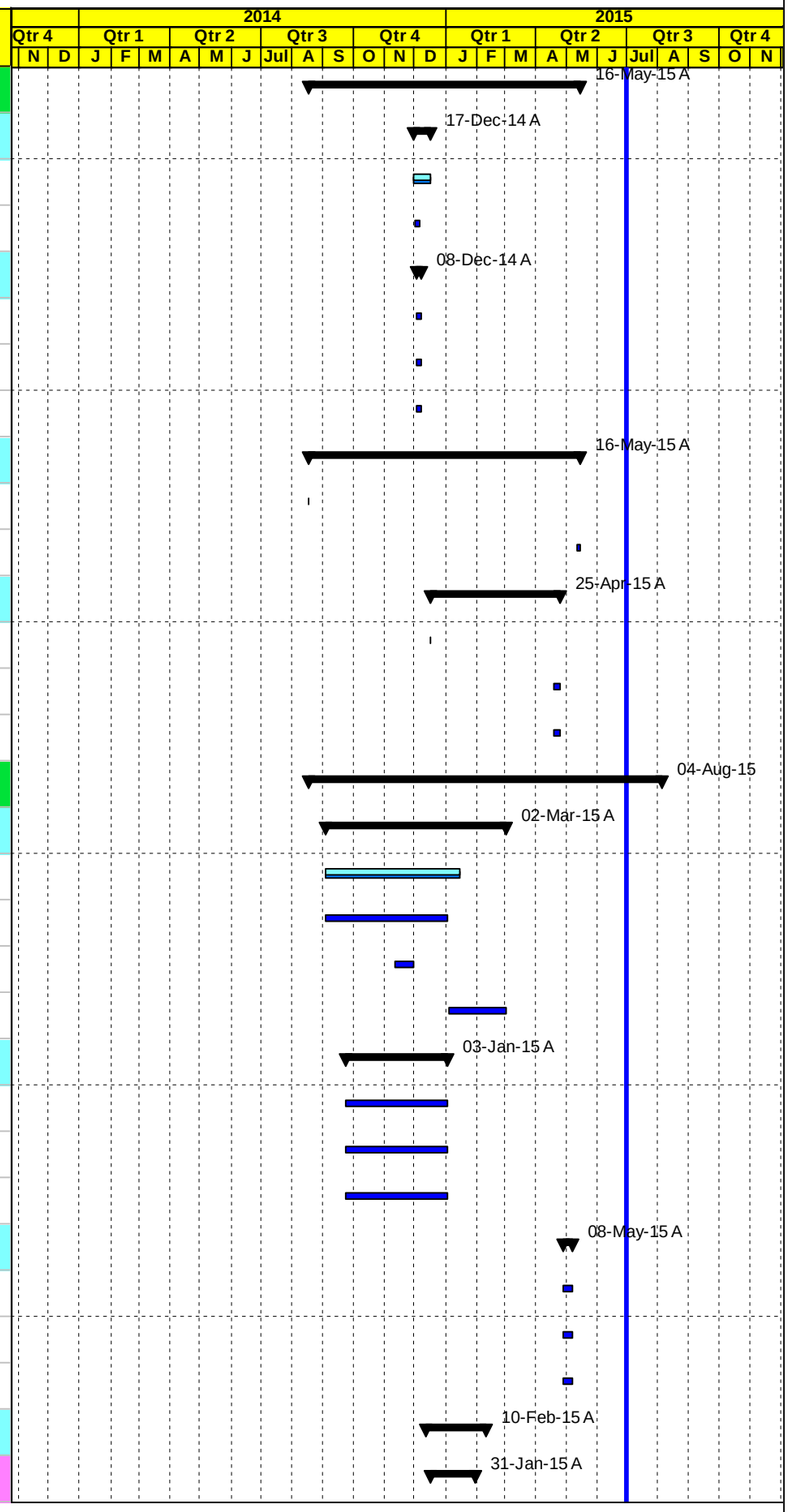
TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
Main pipelines & (Milling & overlay for 11-13 m width Exist. asphalt Road)St. 3+780 to3+900		167d		18-Aug-14 A	16-May-15 A	
Safety and Milling		76d		01-Dec-14 A	17-Dec-14 A	
SHT2050	Maintain traffic control and safety plan ,coordination with local authorities and all others parties	76d	100%	01-Dec-14 A	17-Dec-14 A	
SHT2060	Saw cut asphalt	1d	100%	02-Dec-14 A	06-Dec-14 A	
Pipe Installation		4d		04-Dec-14 A	08-Dec-14 A	
SHT2070	Trench excavation for 760 mm main and 100 mm dist. Pipelines with length approx. (120 LM) @ RHS	4d	100%	04-Dec-14 A	08-Dec-14 A	
SHT2080	Bedding layer & install the above main Steel pipeline with required welding inspection and sectional testing @ RHS (UT)	4d	100%	04-Dec-14 A	08-Dec-14 A	
SHT2090	Backfill the pipe trench with approved materials to the required level including 20 cm base course @ RHS	4d	100%	04-Dec-14 A	08-Dec-14 A	
Testing		115d		18-Aug-14 A	16-May-15 A	
SHT2094	Radiographic Testing (RT) Workshop	1d	100%	18-Aug-14 A	18-Aug-14 A	
SHT4172	Pressure Testing for 100 mm dist. Pipelines	2d	100%	13-May-15 A	16-May-15 A	
Asphalt		39d		17-Dec-14 A	25-Apr-15 A	
SHT2100	Asphalt Reinstatement over pipe trench including prime coat and 5 cm asphalt wearing layer	1d	100%	17-Dec-14 A	17-Dec-14 A	
SHT2110	5 cm asphalt wearing course including tack coat	1d	100%	20-Apr-15 A	25-Apr-15 A	
SHT2097	Milling	1d	100%	20-Apr-15 A	25-Apr-15 A	
Main pipelines & (Reconstruction for 4m width Exist. Asphalt or Dirt Road) St. 3+900 to 4+640		314d		18-Aug-14 A	04-Aug-15	-31d
Safety , Excavation Works and Pipe Culvert		166d		03-Sep-14 A	02-Mar-15 A	
SHT2120	Maintain traffic control plan including grading and widening the road ,coordination with local and all parties	166d	100%	03-Sep-14 A	15-Jan-15 A	
SHT2130	Remove exist asphalt or Road excavation and backfilling to the required subgrade level	22d	100%	04-Sep-14 A	03-Jan-15 A	
SHT2540	Retaining Wall from Sta.4+345 to Sta.4+365 RHS	27d	100%	12-Nov-14 A	30-Nov-14 A	
SHT2590	Retaining Wall from Sta.4+422 to Sta.4+440 LHS	26d	100%	04-Jan-15 A	02-Mar-15 A	
Pipe Installation		17d		24-Sep-14 A	03-Jan-15 A	
SHT2150	Bedding layer & install the above main & dist.Steel pipeline including required welding inspection/sectional testing(UT)	17d	100%	24-Sep-14 A	03-Jan-15 A	
SHT2160	Backfill the pipe trench with approved materials to the required level	17d	100%	24-Sep-14 A	03-Jan-15 A	
SHT2140	Trench excavation for 760 mm main and 100 mm dist. Pipelines with length approx. (740 LM)	17d	100%	24-Sep-14 A	03-Jan-15 A	
Additional Pipe Installation		8d		28-Apr-15 A	08-May-15 A	
SHT2140-new	Trench excavation for 75 mm main Pipeline with length approx. (470 LM) from St. 3+900 to St. 4+370	8d	100%	28-Apr-15 A	08-May-15 A	
SHT2150-new	Bedding layer & install the above main Steel pipeline including required welding inspection	8d	100%	28-Apr-15 A	08-May-15 A	
SHT2160-new	Backfill the pipe trench with approved materials to the required level	8d	100%	28-Apr-15 A	08-May-15 A	
Civil Chamber work		23d		13-Dec-14 A	10-Feb-15 A	
Main pipeline chambers		23d		17-Dec-14 A	31-Jan-15 A	



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar — Level of Effort

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APCO/ArCon CONSTRUCTION AND SERVICES

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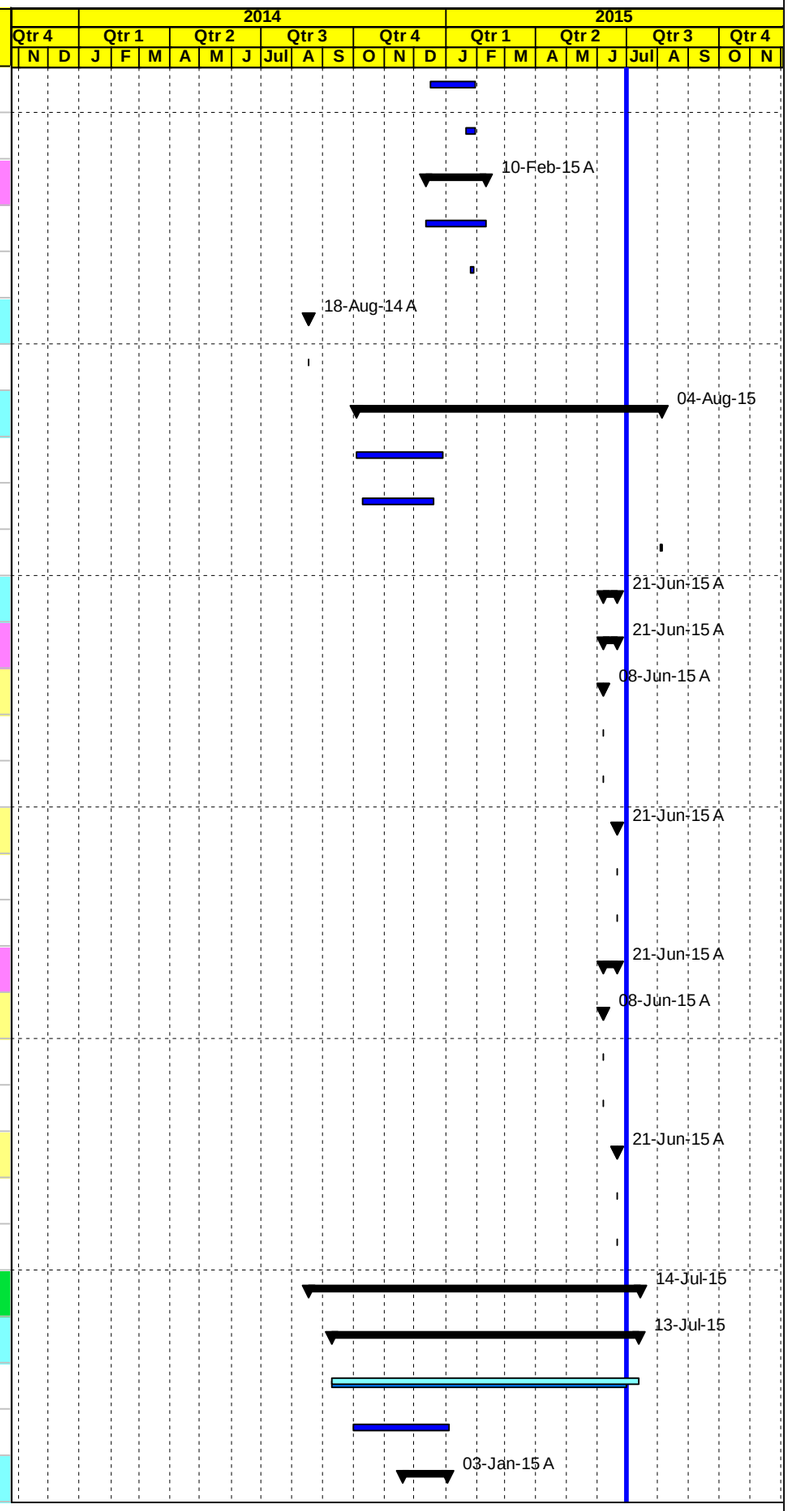
TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT2190	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25)@ Sta.4+593	17d	100%	17-Dec-14 A	31-Jan-15 A	
SHT2180	Construct - ARV Valve chamber (DN 250mm, pipeline Dia 760mm, PN25)@ Sta.4+082	9d	100%	21-Jan-15 A	31-Jan-15 A	
Networks chambers		8d		13-Dec-14 A	10-Feb-15 A	
SHT2185-new	Construct - Wash out and Gate valve Valve chamber (DN 50&100mm, pipeline Dia 100mm, PN16@ Sta.4+593	7d	100%	13-Dec-14 A	10-Feb-15 A	
SHT2190-new	Construct - ARV Valve chamber (DN 50mm, pipeline Dia 100mm, PN16)@ Sta.4+082	7d	100%	27-Jan-15 A	29-Jan-15 A	
Testing		1d		18-Aug-14 A	18-Aug-14 A	
SHT2193	Radiographic Testing (RT)	1d	100%	18-Aug-14 A	18-Aug-14 A	
Base course and Asphalt		173d		05-Oct-14 A	04-Aug-15	-31d
SHT4122	Final Finish Sub grade & 20 cm base course layer From St.4+270 to St. 4+640	7d	100%	05-Oct-14 A	30-Dec-14 A	
SHT2200	Final Finish Sub grade & 20 cm base course layer From St.3+900 to St. 4+270	7d	100%	11-Oct-14 A	20-Dec-14 A	
SHT2210	5 cm asphalt wearing course including tack coat From St.3+900 to St. 4+350	2d	0%	03-Aug-15	04-Aug-15	-31d
Mechanical Chambers work		9d		08-Jun-15 A	21-Jun-15 A	
Welding flanges		8d		08-Jun-15 A	21-Jun-15 A	
Main pipeline chambers		2d		08-Jun-15 A	08-Jun-15 A	
SHT-1790-MECH	Welding flanges for ARV Valve chamber (DN 250mm, pipeline Dia 760mm, PN25)@ Sta.4+082	1d	100%	08-Jun-15 A	08-Jun-15 A	
SHT-1800-MECH	Welding flanges for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25)@ Sta.4+593	1d	100%	08-Jun-15 A	08-Jun-15 A	
Networks chambers		2d		21-Jun-15 A	21-Jun-15 A	
SHT-1820-MECH	Welding flanges for Wash out and Gate valve Valve chamber (DN 50&100mm, pipeline Dia 100mm, PN16@ Sta.4+593	1d	100%	21-Jun-15 A	21-Jun-15 A	
SHT-1810-MECH	Welding flanges for ARV Valve chamber (DN 50mm, pipeline Dia 100mm, PN16)@ Sta.4+082	1d	100%	21-Jun-15 A	21-Jun-15 A	
Mechanical fittings installation		5d		08-Jun-15 A	21-Jun-15 A	
Main pipeline chambers		2d		08-Jun-15 A	08-Jun-15 A	
SHT-1830-MECH	Fittings installation for ARV Valve chamber (DN 250mm, pipeline Dia 760mm, PN25)@ Sta.4+082	1d	100%	08-Jun-15 A	08-Jun-15 A	
SHT-1840-MECH	Fittings installation for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25)@ Sta.4+593	1d	100%	08-Jun-15 A	08-Jun-15 A	
Networks chambers		2d		21-Jun-15 A	21-Jun-15 A	
SHT-1860-MECH	Fittings installation for Wash out and Gate valve Valve chamber (DN 50&100mm, pipeline Dia 100mm, PN16@ Sta.4+593	1d	100%	21-Jun-15 A	21-Jun-15 A	
SHT-1850-MECH	Fittings installation for ARV Valve chamber (DN 50mm, pipeline Dia 100mm, PN16)@ Sta.4+082	1d	100%	21-Jun-15 A	21-Jun-15 A	
Main pipelines including (Reconstruction 4m width dirt road at agricultural area)St. 4+640-5+300		293d		18-Aug-14 A	14-Jul-15	-12d
Safety and Excavation Works		120d		09-Sep-14 A	13-Jul-15	-19d
SHT2220	Maintain traffic control plan including road grading and widening ,coordination with local and all parties	64d	80%	09-Sep-14 A	13-Jul-15	-19d
SHT2230	Road excavation and backfilling to the required subgrade level	16d	100%	02-Oct-14 A	05-Jan-15 A	
Pipe Installation		18d		20-Nov-14 A	03-Jan-15 A	



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar — Level of Effort

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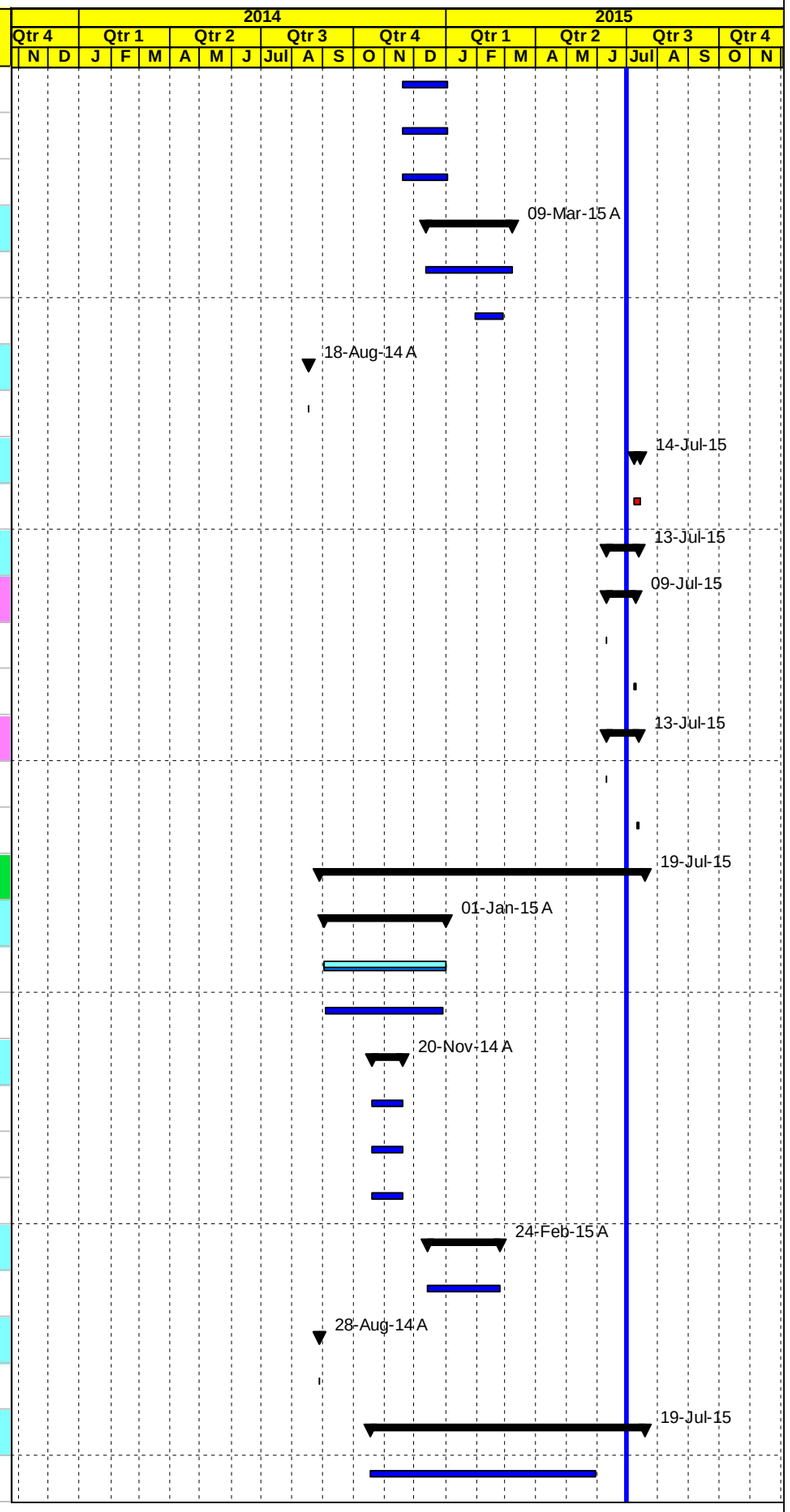
TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT2240	Trench excavation for 760 mm main Pipeline with length approx. (660 LM)	18d	100%	20-Nov-14 A	03-Jan-15 A	
SHT2250	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	18d	100%	20-Nov-14 A	03-Jan-15 A	
SHT2260	Backfill the pipe trench with approved materials to the required level	18d	100%	20-Nov-14 A	03-Jan-15 A	
Chamber work		33d		13-Dec-14 A	09-Mar-15 A	
SHT2280	Construct -Beit Ummar Flow Monitoring chamber (DN 500mm, pipeline Dia 760mm, PN25) @ Sta 4+625	24d	100%	13-Dec-14 A	09-Mar-15 A	
SHT2270	Construct -ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.4+993	18d	100%	31-Jan-15 A	28-Feb-15 A	
Testing		1d		18-Aug-14 A	18-Aug-14 A	
SHT2283	Radiographic Testing (RT) Workshop	1d	100%	18-Aug-14 A	18-Aug-14 A	
Base course		5d		08-Jul-15	14-Jul-15	-10d
SHT2300	Finish Sub grade & 20 cm base course layer 4+640-5+300	5d	0%	08-Jul-15	14-Jul-15	-10d
Mechanical Chambers work		29d		10-Jun-15 A	13-Jul-15	-19d
Welding flanges		26d		10-Jun-15 A	09-Jul-15	-25d
SHT-1900-MECH	Welding flanges for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.4+993	1d	100%	10-Jun-15 A	10-Jun-15 A	
SHT-1890-MECH	Welding flanges for Beit Ummar Flow Monitoring chamber (DN 500mm, pipeline Dia 760mm, PN25) @ Sta 4+625	2d	0%	08-Jul-15	09-Jul-15	-25d
Mechanical fittings installation		28d		10-Jun-15 A	13-Jul-15	-19d
SHT-1920-MECH	Fittings installation for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.4+993	1d	100%	10-Jun-15 A	10-Jun-15 A	
SHT-1910-MECH	Fittings installation for Beit Ummar Flow Monitoring chamber (DN 500mm, pipeline Dia 760mm, PN25) @ Sta 4+625	3d	0%	11-Jul-15	13-Jul-15	-19d
Main pipelines including (Reconstruction 4m width dirt road at agricultural area)St. 5+300-5+837		287d		28-Aug-14 A	19-Jul-15	-11d
Safety and Excavation Works		71d		02-Sep-14 A	01-Jan-15 A	
SHT2320	Maintain traffic control plan including road grading and widening ,coordination with local and all parties	53d	100%	02-Sep-14 A	01-Jan-15 A	
SHT2330	Road excavation and backfilling to the required subgrade level	19d	100%	03-Sep-14 A	29-Dec-14 A	
Pipe Installation		20d		19-Oct-14 A	20-Nov-14 A	
SHT2340	Trench excavation for 760 mm main Pipeline with length approx. (537 LM)	18d	100%	19-Oct-14 A	20-Nov-14 A	
SHT2350	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	18d	100%	20-Oct-14 A	20-Nov-14 A	
SHT2360	Backfill the pipe trench with approved materials to the required level	18d	100%	20-Oct-14 A	20-Nov-14 A	
Civil Chamber work		21d		14-Dec-14 A	24-Feb-15 A	
SHT2380	Construct -AR/AV Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.5+607	21d	100%	14-Dec-14 A	24-Feb-15 A	
Testing		1d		28-Aug-14 A	28-Aug-14 A	
SHT2383	Radiographic Testing (RT) Workshop	1d	100%	28-Aug-14 A	28-Aug-14 A	
Base course		158d		18-Oct-14 A	19-Jul-15	-11d
SHT2390	Final Finish Sub grade & 20 cm base course layer	21d	100%	18-Oct-14 A	31-May-15 A	



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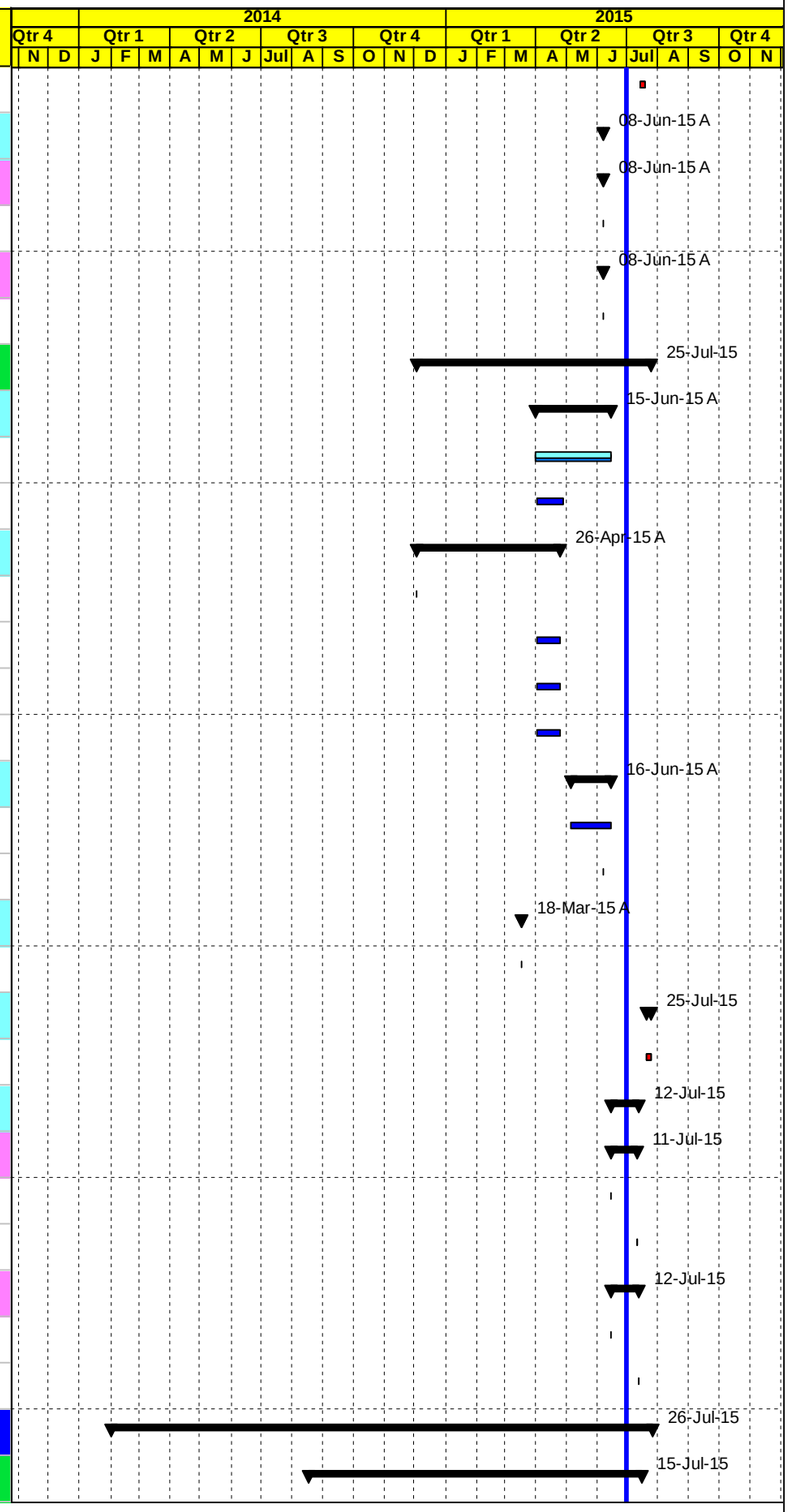
Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT2400	Finish 20 cm base course layer from St. 5+300 To St. 5+837	5d	0%	15-Jul-15	19-Jul-15	-11d
Mechanical Chambers work		3d		08-Jun-15 A	08-Jun-15 A	
Welding flanges		1d		08-Jun-15 A	08-Jun-15 A	
SHT-1930-MECH	Welding flanges for AR/AV Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.5+607	1d	100%	08-Jun-15 A	08-Jun-15 A	
Mechanical fittings installation		1d		08-Jun-15 A	08-Jun-15 A	
SHT-1940-MECH	Fittings installation for AR/AV Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.5+607	1d	100%	08-Jun-15 A	08-Jun-15 A	
Main pipelines & (Area C intersection to Karmi Tzur) From St. 5+837 to 6+220		175d		04-Dec-14 A	25-Jul-15	-12d
Safety and Pipe Culvert		17d		01-Apr-15 A	15-Jun-15 A	
SHT3390	Maintain traffic control & safety plan to include local access to residance , corrdination with israile authorities	17d	100%	01-Apr-15 A	15-Jun-15 A	
SHT3909	Road excavation and backfilling to the required subgrade level from St. 5+837 to St. 6+000	8d	100%	02-Apr-15 A	28-Apr-15 A	
Pipe Installation		86d		04-Dec-14 A	26-Apr-15 A	
SHT3397	Road Crossing Karm Tzur (Working night shift)	1d	100%	04-Dec-14 A	04-Dec-14 A	
SHT3400	Trench excavation side the road for 760 mm main Pipeline with length approx. (383 LM)	21d	100%	02-Apr-15 A	26-Apr-15 A	
SHT3405	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	21d	100%	02-Apr-15 A	26-Apr-15 A	
SHT3407	Backfill the pipe trench with approved materials to the required level	21d	100%	02-Apr-15 A	26-Apr-15 A	
Civil Chamber work		34d		06-May-15 A	16-Jun-15 A	
SHT2370	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.5+894	21d	100%	06-May-15 A	16-Jun-15 A	
SHT3410	Construct - ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.6+060	8d	100%	07-Jun-15 A	07-Jun-15 A	
Testing		1d		18-Mar-15 A	18-Mar-15 A	
SHT3412	Radiographic Testing (RT)	1d	100%	18-Mar-15 A	18-Mar-15 A	
Base course		4d		21-Jul-15	25-Jul-15	-7d
SHT3941	Final Finish Sub grade & 20 cm base course layer from St. 5+837 to St. 6+000	4d	0%	21-Jul-15	25-Jul-15	-7d
Mechanical Chambers work		27d		15-Jun-15 A	12-Jul-15	-25d
Welding flanges		26d		15-Jun-15 A	11-Jul-15	-25d
SHT-1970-MECH	Welding flanges for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.6+060	1d	100%	15-Jun-15 A	15-Jun-15 A	
SHT-1960-MECH	Welding flanges for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.5+894	1d	0%	11-Jul-15	11-Jul-15	-25d
Mechanical fittings installation		26d		15-Jun-15 A	12-Jul-15	-25d
SHT-1990-MECH	Fittings installation for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.6+060	1d	100%	15-Jun-15 A	15-Jun-15 A	
SHT-1980-MECH	Fittings installation for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.5+894	1d	0%	12-Jul-15	12-Jul-15	-25d
Phase #3 Main pipelines, Network & Road Works St.6+239 to 7+950		499d		01-Feb-14 A	26-Jul-15	-13d
Main pipelines & (Reconstruct 4m width Exist asphalt or dirt road at agricultural) St.6+239 to 6+824		173d		18-Aug-14 A	15-Jul-15	-23d



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar — Level of Effort

Date	Revision	Checked	Approved
02-Jul-15			

Construction Program

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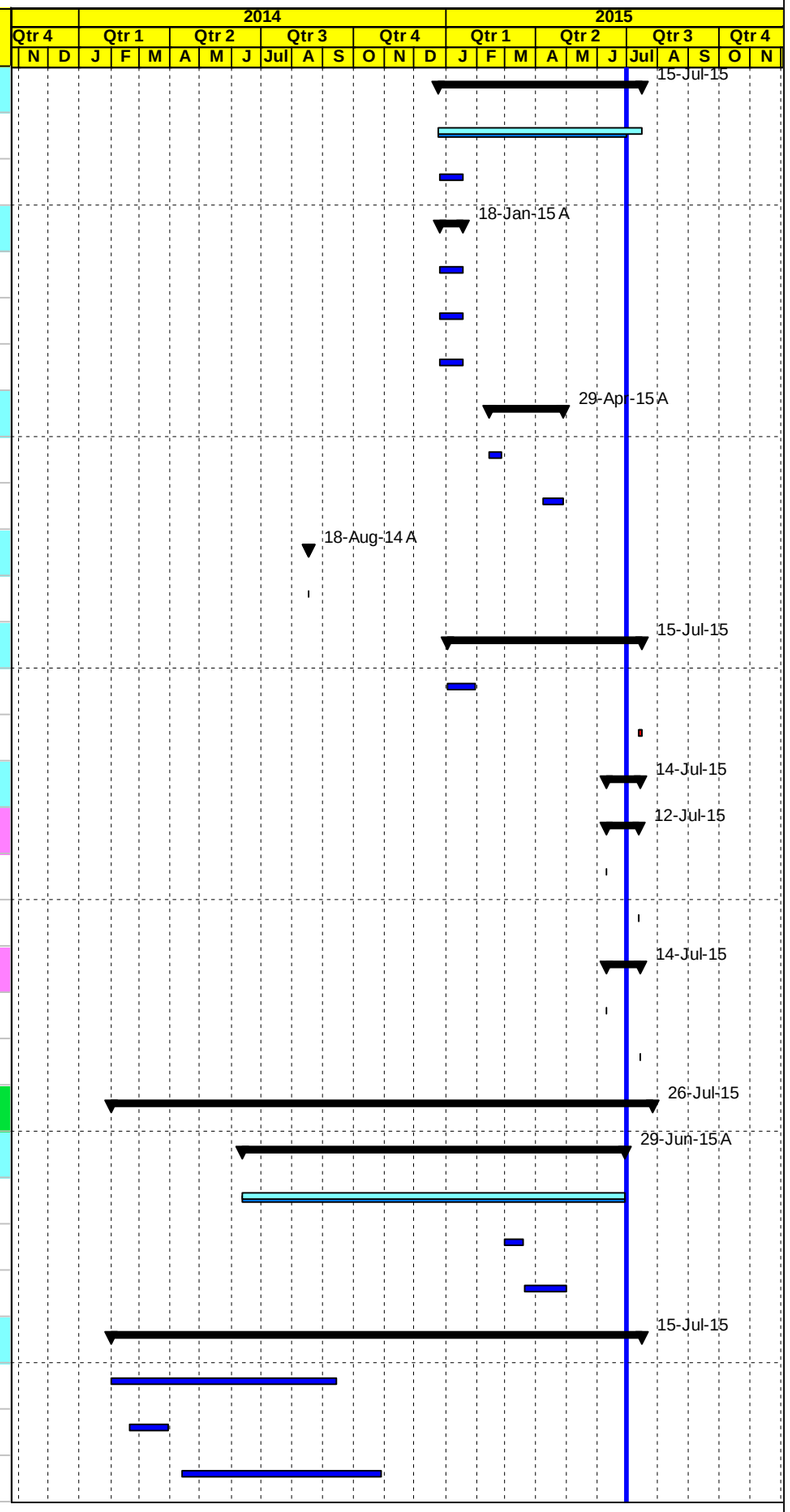
TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
Safety and Excavation Works		49d		24-Dec-14 A	15-Jul-15	-23d
SHT3300	Maintain traffic control and safety plan to include local access to residence ,all coordination	49d	80%	24-Dec-14 A	15-Jul-15	-23d
SHT3310	Remove exist asphalt , Road excavation and backfilling to the required subgrade level	6d	100%	27-Dec-14 A	18-Jan-15 A	
Pipe Installation		16d		27-Dec-14 A	18-Jan-15 A	
SHT3320	Trench excavation for 760 mm main Pipeline with length approx. (620 LM)	16d	100%	27-Dec-14 A	18-Jan-15 A	
SHT3330	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	16d	100%	27-Dec-14 A	18-Jan-15 A	
SHT3340	Backfill the pipe trench with approved materials to the required level	16d	100%	27-Dec-14 A	18-Jan-15 A	
Civil Chamber work		44d		14-Feb-15 A	29-Apr-15 A	
SHT3350	Construct - ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.6+600	21d	100%	14-Feb-15 A	26-Feb-15 A	
SHT3360	Construct - Karm Tzur Deir Sha'ar connection chamber (DN 75mm, pipeline Dia 760mm, PN16) @ Sta. 6+240 RHS	19d	100%	08-Apr-15 A	29-Apr-15 A	
Testing		1d		18-Aug-14 A	18-Aug-14 A	
SHT3362	Radiographic Testing (RT) Workshop	1d	100%	18-Aug-14 A	18-Aug-14 A	
Base course and Asphalt		134d		03-Jan-15 A	15-Jul-15	-23d
SHT3370	Final Finish Sub grade & 20 cm base course layer	9d	100%	03-Jan-15 A	31-Jan-15 A	
SHT3380	5 cm asphalt wearing course including prime coat 6+400 to st. 6+824	2d	0%	13-Jul-15	15-Jul-15	-23d
Mechanical Chambers work		29d		10-Jun-15 A	14-Jul-15	-19d
Welding flanges		27d		10-Jun-15 A	12-Jul-15	-23d
SHT-2010-MECH	Welding flanges for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.6+600	1d	100%	10-Jun-15 A	10-Jun-15 A	
SHT-2000-MECH	Welding flanges for Karm Tzur Deir Sha'ar connection chamber (DN 75mm, pipeline Dia 760mm, PN16) @ Sta. 6+240 RHS	1d	0%	12-Jul-15	12-Jul-15	-23d
Mechanical fittings installation		28d		10-Jun-15 A	14-Jul-15	-19d
SHT-2030-MECH	Fittings installation for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.6+600	1d	100%	10-Jun-15 A	10-Jun-15 A	
SHT-2020-MECH	Fittings installation for Karm Tzur Deir Sha'ar connection chamber (DN 75mm, pipeline Dia 760mm, PN16) @ Sta. 6+240 RHS	1d	0%	14-Jul-15	14-Jul-15	-19d
Main pipelines(Reconstruct four lane width of Exist road at residential area)St.6+824 to 7+515		499d		01-Feb-14 A	26-Jul-15	-13d
Safety and Excavation Works		84d		12-Jun-14 A	29-Jun-15 A	
SHT3010	Implement traffic control and safety plan ,all coordination and relocate utilities if required	73d	100%	12-Jun-14 A	29-Jun-15 A	
SHT3020	Road excavation and backfilling to the required subgrade level RHS & LHS	20d	100%	01-Mar-15 A	20-Mar-15 A	
SHT3220	Storm concrete system &crossing pipes and catch basin from Sta.7+180 to Sta.7+240 and from Sta.7+300 to Sta.7+345	15d	100%	21-Mar-15 A	02-May-15 A	
Concrete Walls		377d		01-Feb-14 A	15-Jul-15	-2d
SHT1117	Structural excavation for retaining walls	21d	100%	01-Feb-14 A	15-Sep-14 A	
SHT1385-new	Concrete retaining wall Retaining Wall from Sta.7+095 to Sta. 7+204.23 LHS (110 LM)	51d	100%	20-Feb-14 A	30-Mar-14 A	
SHT1387-new	Concrete Retaining Wall from Sta.7+389.32 to Sta. 7+505 LHS = length (115 LM)	61d	100%	14-Apr-14 A	29-Oct-14 A	



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar — Level of Effort

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Deir Sha'aar Main Pipeline Project

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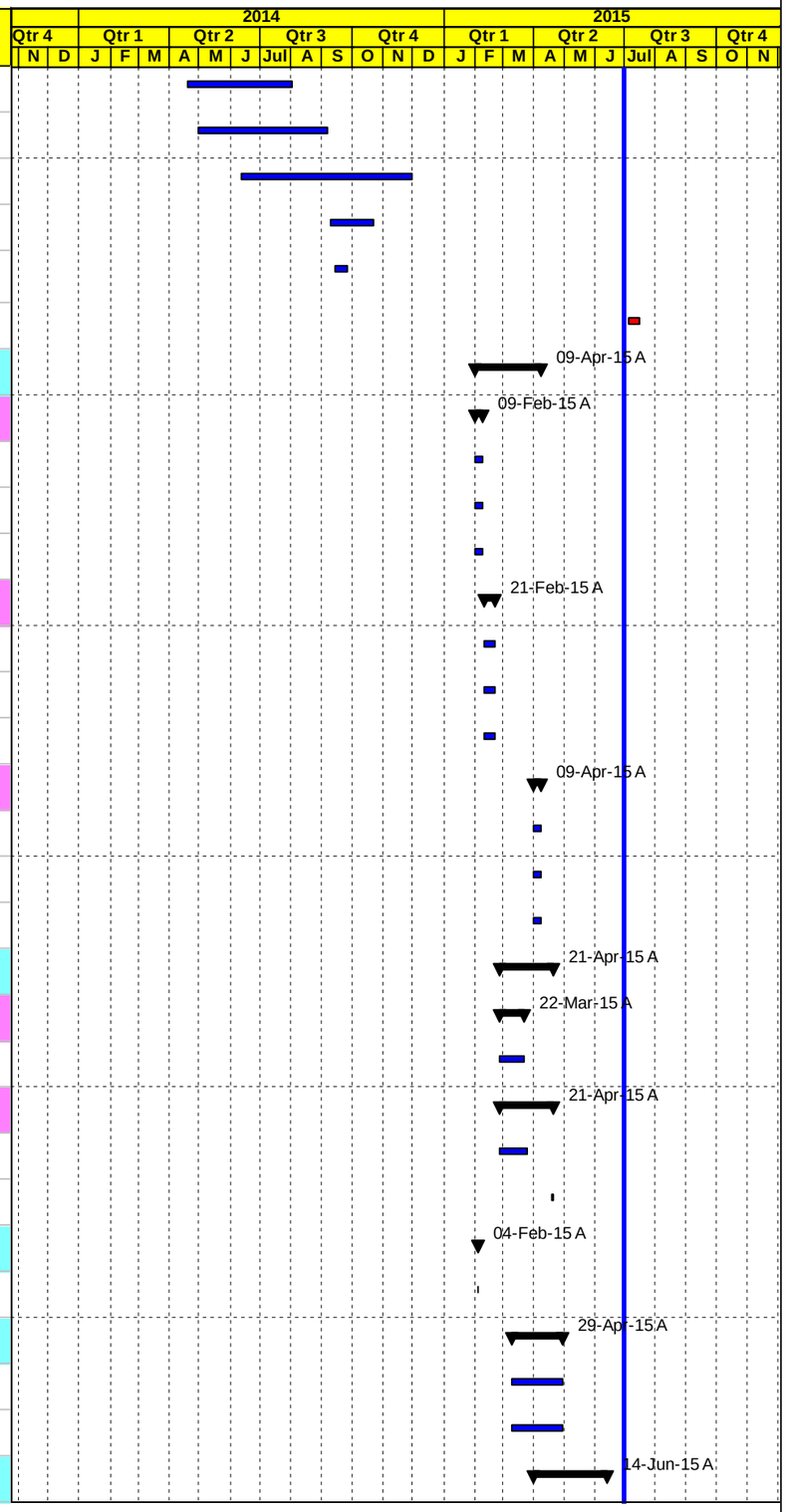
SHT1389-new	Concrete Retaining Wall from Sta.7+364.35 to Sta. 7+389.32 LHS = length (25 LM)	21d	100%	20-Apr-14 A	03-Aug-14 A	
SHT1388-new	Concrete Retaining Wall from Sta.7+204.23 to Sta. 7+364.35 LHS = length (160 LM)	76d	100%	30-Apr-14 A	06-Sep-14 A	
SHT3190	Backfilling behind retaining wall	37d	100%	12-Jun-14 A	01-Dec-14 A	
SHT1165	Boundary Wall from Sta.6+971 to Sta.7+036 RHS	23d	100%	09-Sep-14 A	22-Oct-14 A	
SHT1135	Concrete retaining wall from sta.7+180 to access road.	21d	100%	15-Sep-14 A	27-Sep-14 A	
SHT1145	Boundary Wall from Sta.6+840 to Sta.6+971 RHS	10d	0%	05-Jul-15	15-Jul-15	-2d
Pipe Installation		102d		02-Feb-15 A	09-Apr-15 A	
760 mm main pipeline and 150 mm dist.pipeline		8d		02-Feb-15 A	09-Feb-15 A	
SHT3070	Backfill the pipe trench with approved materials to the required level RHS	8d	100%	02-Feb-15 A	09-Feb-15 A	
SHT3050	Trench excavation for 760 mm main pipeline and 150 mm dist.pipeline from 7+515 to 7+157 with length approx. (358LM) R	8d	100%	02-Feb-15 A	09-Feb-15 A	
SHT3060	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT) RHS	8d	100%	02-Feb-15 A	09-Feb-15 A	
760 mm main pipeline and 100 mm dist.pipeline		4d		10-Feb-15 A	21-Feb-15 A	
SHT3072	Trench excavation for 760 mm main pipeline and 100 mm dist.pipeline from 7+157 to 6+824 with length approx. (333 LM)	4d	100%	10-Feb-15 A	21-Feb-15 A	
SHT3074	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT) RHS	4d	100%	10-Feb-15 A	21-Feb-15 A	
SHT3076	Backfill the pipe trench with approved materials to the required level RHS	4d	100%	10-Feb-15 A	21-Feb-15 A	
Additional Pipe Installation		8d		01-Apr-15 A	09-Apr-15 A	
SHT2140-new10	Trench excavation for 75 mm main Pipeline (Road crossing)with length approx. (136 LM	8d	100%	01-Apr-15 A	09-Apr-15 A	
SHT2150-new10	Bedding layer & install the above main Steel pipeline including required welding inspection	8d	100%	01-Apr-15 A	09-Apr-15 A	
SHT2160-new10	Backfill the pipe trench with approved materials to the required level	8d	100%	01-Apr-15 A	09-Apr-15 A	
Civil Chamber work		39d		26-Feb-15 A	21-Apr-15 A	
Main pipeline chambers		21d		26-Feb-15 A	22-Mar-15 A	
SHT3100	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.7+192 RHS	21d	100%	26-Feb-15 A	22-Mar-15 A	
Networks chambers		39d		26-Feb-15 A	21-Apr-15 A	
SHT3103-new	Construct - Wash out Valve chamber (DN 75mm, pipeline Dia 150mm, PN16) @ Sta.7+199	8d	100%	26-Feb-15 A	25-Mar-15 A	
SHT3101-new	Construct - Gate valve (DN 100mm, pipeline Dia 100mm, PN16) @ Sta. 6+822	8d	100%	20-Apr-15 A	21-Apr-15 A	
Testing		1d		04-Feb-15 A	04-Feb-15 A	
SHT3102	Radiographic Testing (RT)	1d	100%	04-Feb-15 A	04-Feb-15 A	
Topping		20d		10-Mar-15 A	29-Apr-15 A	
SHT3110	Final Finish Sub grade & 20 cm thick for toping layer RHS	10d	100%	10-Mar-15 A	29-Apr-15 A	
SHT3230	Final Finish Sub grade & 20 cm thick for toping layer LHS	11d	100%	11-Mar-15 A	29-Apr-15 A	
PVC, Base course		31d		01-Apr-15 A	14-Jun-15 A	



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar — Level of Effort

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APCO ArCon CONSTRUCTION AND SERVICES

Construction Program

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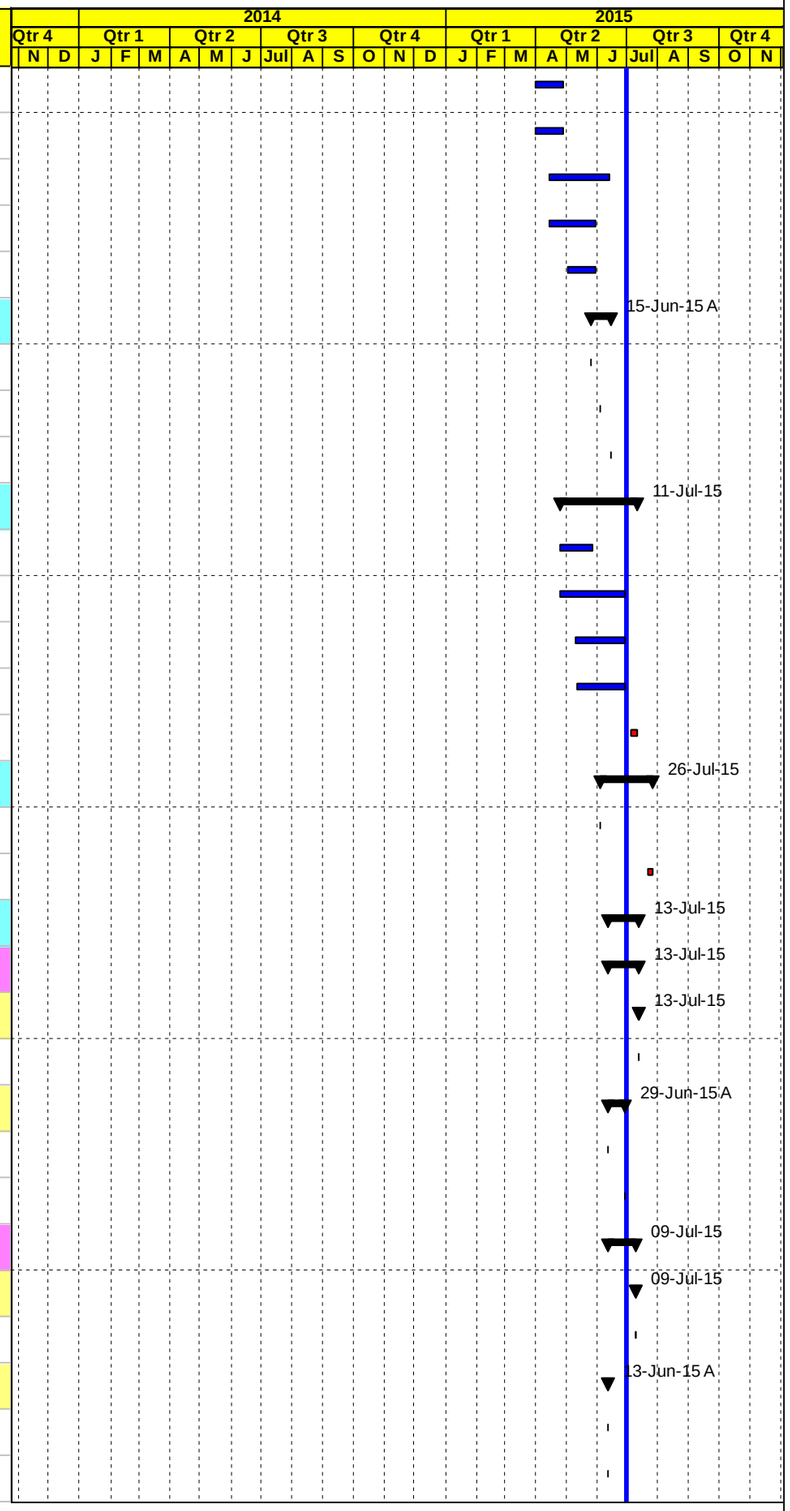
TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT3130	20 cm thick for first base course layer RHS	10d	100%	01-Apr-15 A	28-Apr-15 A	
SHT3240	20 cm thick for first base course layer LHS	10d	100%	01-Apr-15 A	28-Apr-15 A	
SHT3140	20 cm thick for second base course layer RHS	21d	100%	15-Apr-15 A	14-Jun-15 A	
SHT3250	20 cm thick for second base course layer LHS	21d	100%	15-Apr-15 A	31-May-15 A	
SHT3120	Reinf.concrete foundation and PVC conduit cable for street lighting RHS	12d	100%	03-May-15 A	31-May-15 A	
Binder Asphalt		15d		26-May-15 A	15-Jun-15 A	
SHT3260	5cm asphalt binder course including prime coat from St. 6+824 to St. 7+080	2d	100%	26-May-15 A	26-May-15 A	
SHT4192	5cm asphalt binder course including prime coat from St. 7+080 to St. 7+515 LHS	2d	100%	04-Jun-15 A	04-Jun-15 A	
SHT3150	5cm asphalt binder course including prime coat from St. 7+080 to St. 7+515 RHS	2d	100%	15-Jun-15 A	15-Jun-15 A	
Side Walk		59d		25-Apr-15 A	11-Jul-15	-3d
SHT3270	construct curbstone after Saw cut the edge of asphalt binder course LHS	10d	100%	25-Apr-15 A	28-May-15 A	
SHT3160	Construct curbstone after Saw cut the edge of asphalt binder course RHS	21d	100%	26-Apr-15 A	29-Jun-15 A	
SHT3280	Reinforced concrete side walks, ramps including 15 cm base course under side walk LHS	21d	100%	11-May-15 A	29-Jun-15 A	
SHT3170	Reinforced concrete side walks, ramps including 15 cm base course under side walk RHS	21d	100%	12-May-15 A	29-Jun-15 A	
SHT3180	Finishing Reinforced concrete for side walks from St. 6+824 to st. 7+515	7d	0%	05-Jul-15	11-Jul-15	-3d
Wearing Asphalt		45d		04-Jun-15 A	26-Jul-15	-23d
SHT3530	install street lighting units	5d	100%	04-Jun-15 A	04-Jun-15 A	
SHT3290	5 cm asphalt wearing course including tack coat LHS &RHS from St. 6+824 to st. 7+515	3d	0%	22-Jul-15	26-Jul-15	-23d
Mechanical Chambers work		26d		13-Jun-15 A	13-Jul-15	-15d
Welding flanges		26d		13-Jun-15 A	13-Jul-15	-23d
Main pipeline chambers		1d		13-Jul-15	13-Jul-15	-23d
SHT-2050-MECH	Welding flanges for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.7+192 RHS	1d	0%	13-Jul-15	13-Jul-15	-23d
Networks chambers		16d		13-Jun-15 A	29-Jun-15 A	
SHT-2070-MECH	Welding flanges for Wash out Valve chamber (DN 75mm, pipeline Dia 150mm, PN16) @ Sta.7+199	1d	100%	13-Jun-15 A	13-Jun-15 A	
SHT-2060-MECH	Welding flanges for Gate valve (DN 100mm, pipeline Dia 100mm, PN16) @ Sta. 6+822	1d	100%	29-Jun-15 A	29-Jun-15 A	
Mechanical fittings installation		22d		13-Jun-15 A	09-Jul-15	-12d
Main pipeline chambers		1d		09-Jul-15	09-Jul-15	-12d
SHT-2080-MECH	Fittings installation for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.7+192 RHS	1d	0%	09-Jul-15	09-Jul-15	-12d
Networks chambers		3d		13-Jun-15 A	13-Jun-15 A	
SHT-2090-MECH	Fittings installation for Gate valve (DN 100mm, pipeline Dia 100mm, PN16) @ Sta. 6+822	1d	100%	13-Jun-15 A	13-Jun-15 A	
SHT-2100-MECH	Fittings installation for Wash out Valve chamber (DN 75mm, pipeline Dia 150mm, PN16) @ Sta.7+199	1d	100%	13-Jun-15 A	13-Jun-15 A	



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APCO ArCon CONSTRUCTION AND SERVICES

Construction Program

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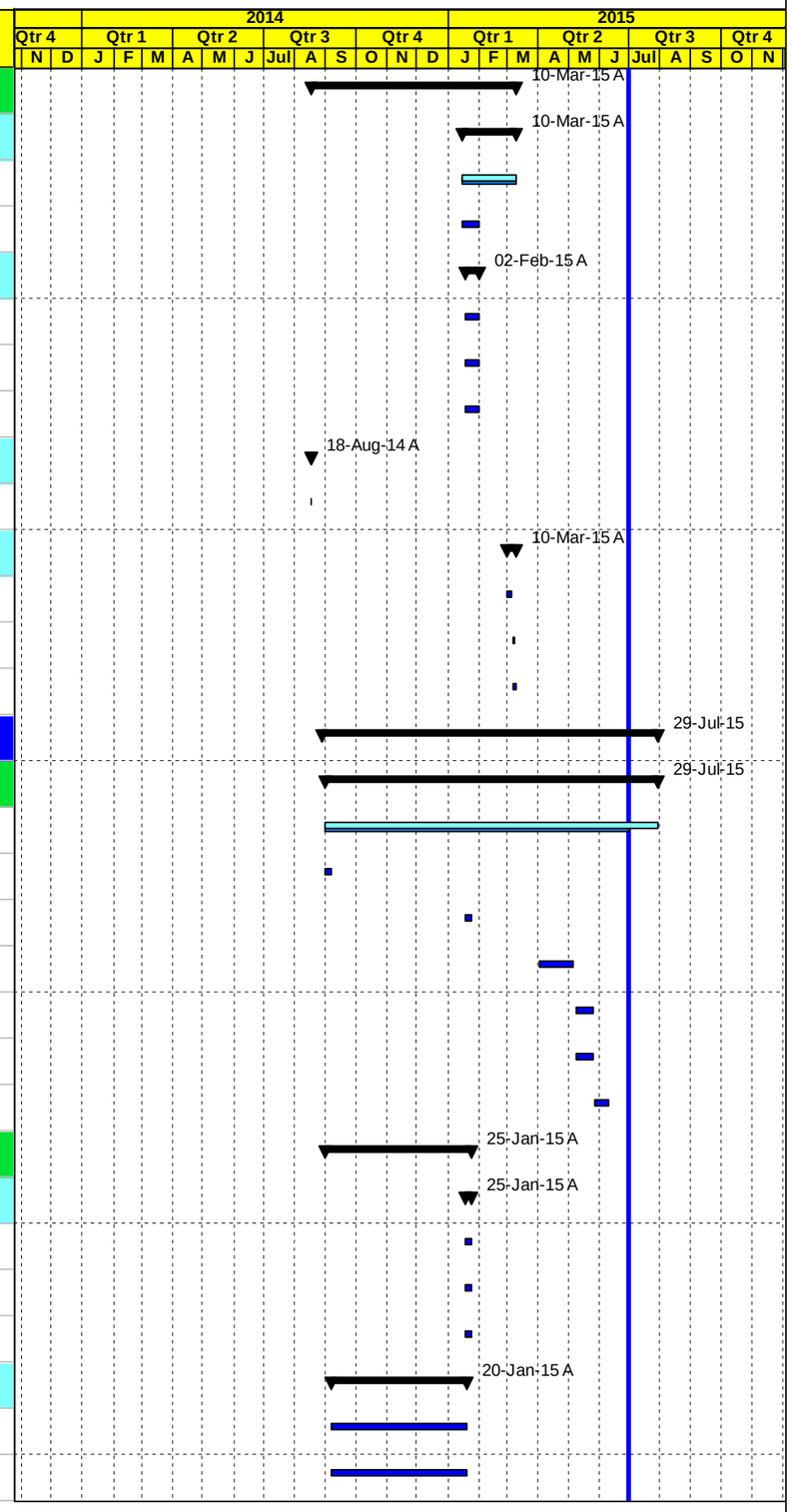
TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
Main pipelines &(Milling & over lay two lane width Exist road at residential area) St.7+515 to 7+950		104d		18-Aug-14 A	10-Mar-15 A	
Safety and Milling		81d		15-Jan-15 A	10-Mar-15 A	
SHT2910	Maintain traffic control and safety plan RHS , coordination with local and all parties	81d	100%	15-Jan-15 A	10-Mar-15 A	
SHT2920	Saw cut asphalt	15d	100%	16-Jan-15 A	02-Feb-15 A	
Pipe Installation		12d		19-Jan-15 A	02-Feb-15 A	
SHT2930	Trench excavation for 760 mm main pipeline and 150mm dist.pipeline 7+515 to 7+950 (435 LM)	12d	100%	19-Jan-15 A	02-Feb-15 A	
SHT2940	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	12d	100%	19-Jan-15 A	02-Feb-15 A	
SHT2950	Backfill the pipe trench with approved materials to the required level including base course	12d	100%	19-Jan-15 A	02-Feb-15 A	
Testing		1d		18-Aug-14 A	18-Aug-14 A	
SHT2952	Radiographic Testing (RT) Workshop	1d	100%	18-Aug-14 A	18-Aug-14 A	
Asphalt		32d		01-Mar-15 A	10-Mar-15 A	
SHT2957	Milling	1d	100%	01-Mar-15 A	05-Mar-15 A	
SHT2960	Asphalt Reinstatements over pipe trench including prime coat and 5 cm asphalt wearing layer	2d	100%	07-Mar-15 A	09-Mar-15 A	
SHT3000	5 cm asphalt wearing course including tack coat from St. 7+515 to St. 7+935	2d	100%	08-Mar-15 A	10-Mar-15 A	
Phase #4 Main pipelines &(Milling & over lay two lane width Exist road) St.7+950 to 9+027		318d		28-Aug-14 A	29-Jul-15	-30d
Safety , Milling and Storm system		279d		31-Aug-14 A	29-Jul-15	-30d
SHT2800	Maintain traffic control and safety plan , coordination with local and all parties	92d	76.22%	31-Aug-14 A	29-Jul-15	-23d
SHT2810	Saw cut asphalt from 8+271 To 9+027	2d	100%	01-Sep-14 A	06-Sep-14 A	
SHT4162	Saw cut asphalt from 7+950 To 8+270	2d	100%	19-Jan-15 A	25-Jan-15 A	
SHT2970	Concrete Pipes for storm system From St. 8+230 to St. 8+570	35d	100%	02-Apr-15 A	06-May-15 A	
SHT2980	400 mm crossing pipes and catch basin From St. 7+230 to St. 8+570	15d	100%	09-May-15 A	26-May-15 A	
SHT2890	Concrete Pipes for storm system From St. 7+950 to St. 8+240	30d	100%	09-May-15 A	27-May-15 A	
SHT4182	400 mm crossing pipes and catch basin From St. 7+950 to St. 8+240	20d	100%	28-May-15 A	10-Jun-15 A	
Pipe Installation		101d		01-Sep-14 A	25-Jan-15 A	
760 mm main pipeline and 150mm dist.pipeline- 7+950 to St. 8+271		11d		19-Jan-15 A	25-Jan-15 A	
SHT4132	Trench excavation for 760 mm main pipeline and 150mm dist.pipeline 7+950 to 8+271 (321 LM)	11d	100%	19-Jan-15 A	25-Jan-15 A	
SHT4142	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	11d	100%	19-Jan-15 A	25-Jan-15 A	
SHT4152	Backfill the pipe trench with approved materials to the required level including base course	11d	100%	19-Jan-15 A	25-Jan-15 A	
760 mm main pipeline and 150mm dist.pipeline		17d		06-Sep-14 A	20-Jan-15 A	
SHT2862	Bedding layer & install the all main Steel pipeline including required welding inspection / sectional testing (UT)	17d	100%	06-Sep-14 A	20-Jan-15 A	
SHT2864	Backfill the pipe trench with approved materials to the required level including base course	17d	100%	06-Sep-14 A	20-Jan-15 A	



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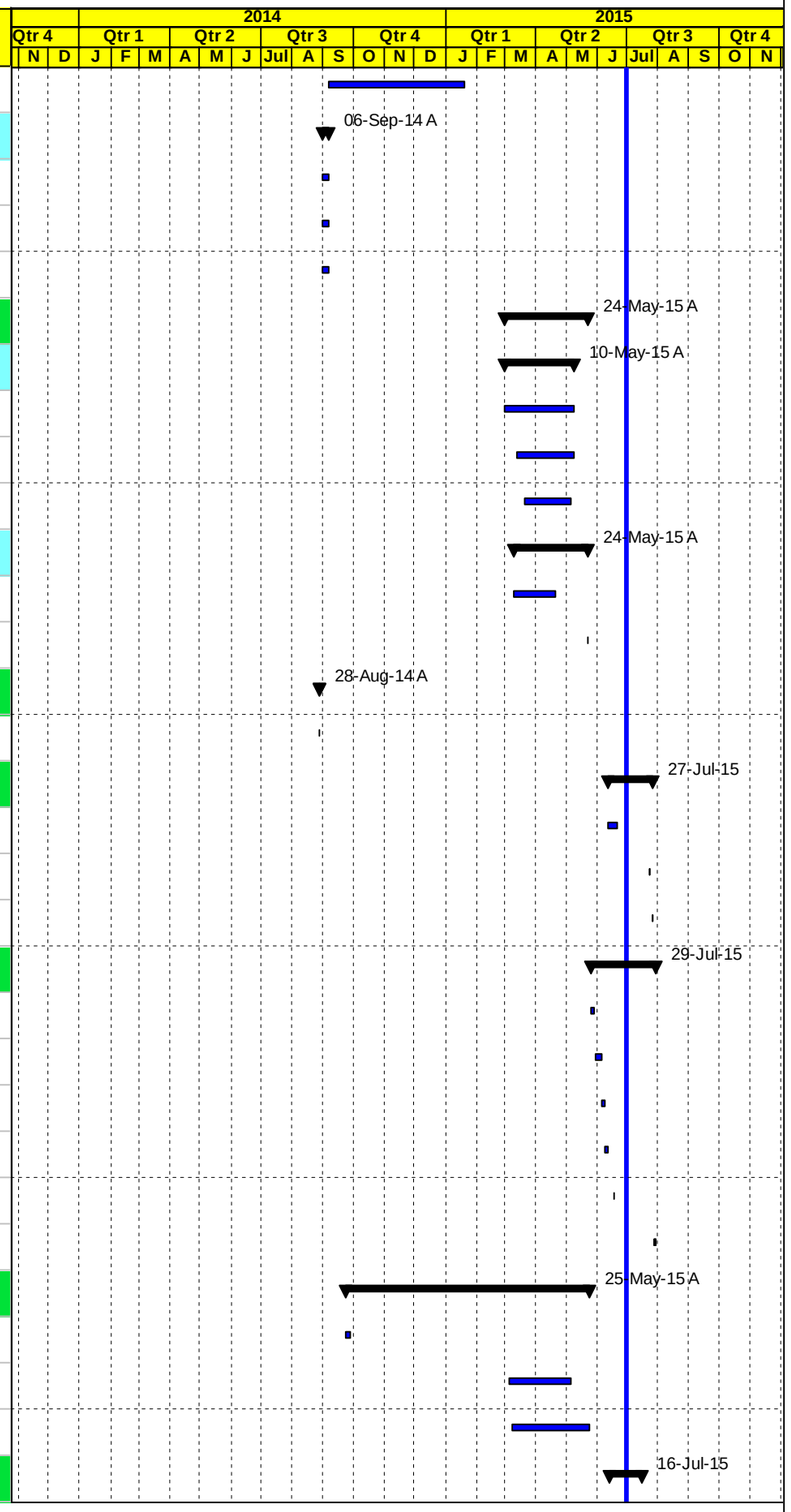
SHT2860	Trench excavation for 760 mm main pipeline and 150mm dist.pipeline 8+271 TO 8+880 (633 LM)	17d	100%	06-Sep-14 A	20-Jan-15 A	
760 mm main pipeline and 300mm dist.pipeline		7d		01-Sep-14 A	06-Sep-14 A	
SHT2820	Trench excavation for 760 mm main pipeline and 300mm dist.pipeline from 8+904 TO 9+027 (123 LM)	6d	100%	01-Sep-14 A	06-Sep-14 A	
SHT2830	Bedding layer & install the all main Steel pipeline including required welding inspection / sectional testing (UT)	6d	100%	01-Sep-14 A	06-Sep-14 A	
SHT2850	Backfill the pipe trench with approved materials to the required level including base course	6d	100%	01-Sep-14 A	06-Sep-14 A	
Civil Chamber work		66d		01-Mar-15 A	24-May-15 A	
Main pipeline chambers		37d		01-Mar-15 A	10-May-15 A	
SHT2870	Construct - Halhul connection chamber (DN 300mm, pipeline Dia 760mm, PN16) @ Sta. 8+889 RHS	20d	100%	01-Mar-15 A	10-May-15 A	
SHT2865	Construct - 150 AR/AV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.8+875	21d	100%	14-Mar-15 A	09-May-15 A	
SHT2880	Construct - ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta. 8+400	20d	100%	21-Mar-15 A	06-May-15 A	
Networks chambers		48d		10-Mar-15 A	24-May-15 A	
SHT2884-new	Construct - Halhul Connection to Halhul existing chamber (DN 150mm, pipeline Dia 150mm, PN16)@St. 8+875	21d	100%	10-Mar-15 A	21-Apr-15 A	
SHT2882-new	Construct - ARV Valve chamber (DN 75mm, pipeline Dia150mm, PN16) @ Sta. 8+397	8d	100%	23-May-15 A	24-May-15 A	
Testing		1d		28-Aug-14 A	28-Aug-14 A	
SHT2883	Radiographic Testing (RT) Workshop	1d	100%	28-Aug-14 A	28-Aug-14 A	
Milling & over lay from St. 7+935 to St. 8+230		42d		13-Jun-15 A	27-Jul-15	-30d
SHT4093-new	Asphalt Reinstatement	5d	100%	13-Jun-15 A	21-Jun-15 A	
SHT4083	Milling from St. 7+935 to St. 8+230	1d	0%	23-Jul-15	23-Jul-15	-27d
SHT4089	5 cm asphalt wearing course including tack coat from St. 7+935 to St. 8+230	1d	0%	27-Jul-15	27-Jul-15	-30d
Change Original scoping of project works (reconstruction road from St. 8+230 to St. 8+570)		59d		27-May-15 A	29-Jul-15	-30d
SHT4080-new	Road excavation and backfilling to the required subgrade level From St. 8+230 to St. 8+570	5d	100%	27-May-15 A	30-May-15 A	
SHT4090-new	Finish sub-grade layer	8d	100%	31-May-15 A	06-Jun-15 A	
SHT4100-new	15 cm thick for first base course layer From St. 8+230 to St. 8+570	6d	100%	06-Jun-15 A	09-Jun-15 A	
SHT4110-new	15 cm thick for second base course layer From St. 8+230 to St. 8+570	6d	100%	09-Jun-15 A	13-Jun-15 A	
SHT4140-new	5 cm asphalt binder course including prime coat From St. 8+230 to St. 8+570	2d	100%	18-Jun-15 A	18-Jun-15 A	
SHT4150-new	5 cm asphalt wearing course including tack coat from St. 8+230 to St. 8+570	2d	0%	28-Jul-15	29-Jul-15	-30d
Milling & over lay from 8+570 to St. 9+027		73d		24-Sep-14 A	25-May-15 A	
SHT2900	Asphalt Reinstatements over pipe trench including prime coat and 5 cm asphalt wearing layer	4d	100%	24-Sep-14 A	28-Sep-14 A	
SHT2888	Milling from 8+570 to St. 9+027	1d	100%	05-Mar-15 A	06-May-15 A	
SHT4080	5 cm asphalt wearing course including tack coat from 8+570 to St. 9+027	2d	100%	09-Mar-15 A	25-May-15 A	
Mechanical Chambers work		28d		14-Jun-15 A	16-Jul-15	-23d



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar — Level of Effort

Date	Revision	Checked	Approved
02-Jul-15			

APCO ArCon CONSTRUCTION AND SERVICES

Construction Program

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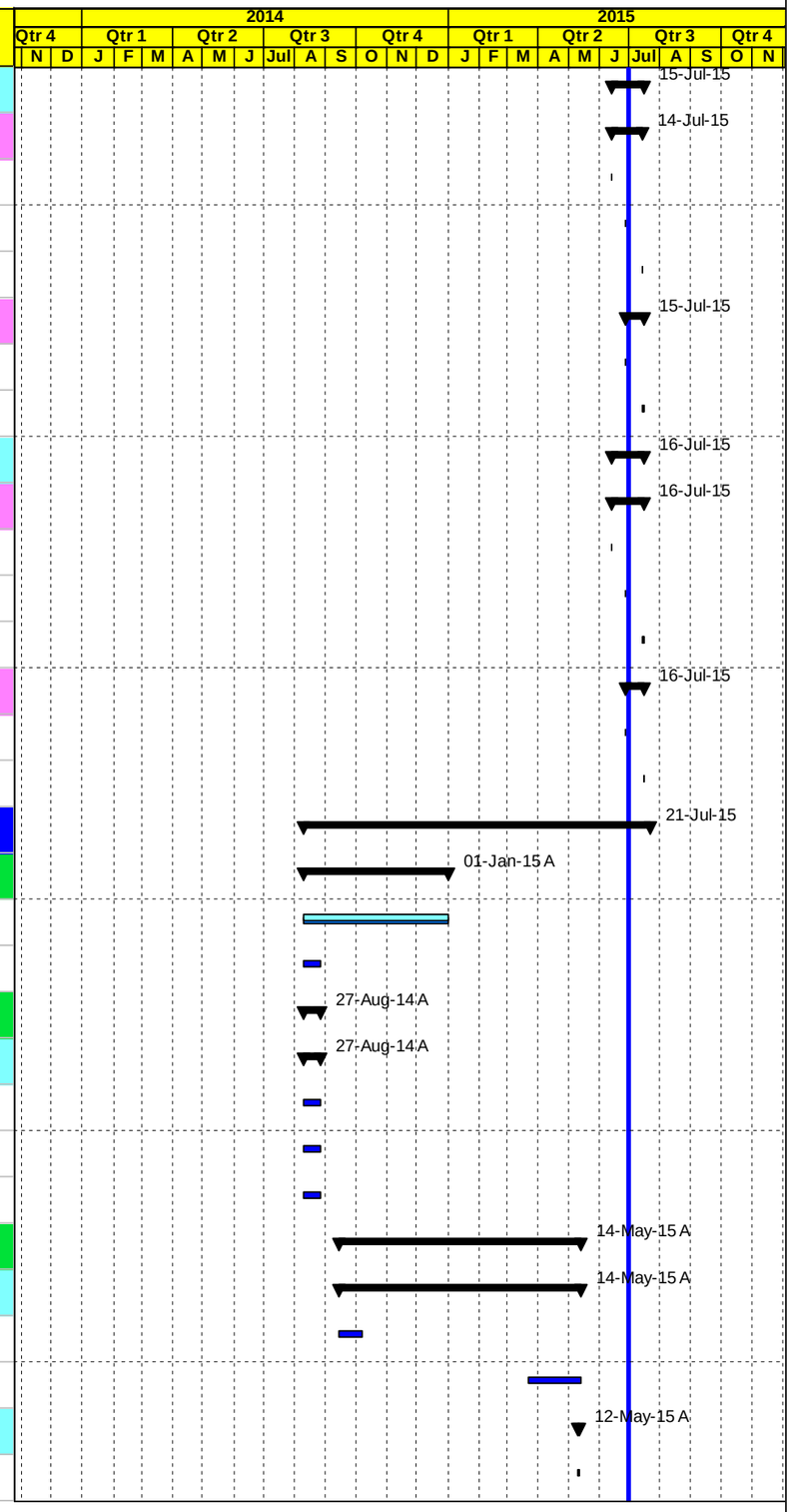
TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
Welding flanges		27d		14-Jun-15 A	15-Jul-15	-23d
Main pipeline chambers		26d		14-Jun-15 A	14-Jul-15	-23d
SHT-2120-MECH	Welding flanges for 150 AR/AV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.8+875	1d	100%	14-Jun-15 A	14-Jun-15 A	
SHT-2110-MECH	Welding flanges for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta. 8+400	1d	100%	28-Jun-15 A	28-Jun-15 A	
SHT-2130-MECH	Welding flanges for Halhul connection chamber (DN 300mm, pipeline Dia 760mm, PN16) @ Sta. 8+889 RHS	1d	0%	14-Jul-15	14-Jul-15	-23d
Networks chambers		12d		27-Jun-15 A	15-Jul-15	-23d
SHT-2140-MECH	Welding flanges for ARV Valve chamber (DN 75mm, pipeline Dia150mm, PN16) @ Sta. 8+397	1d	100%	27-Jun-15 A	27-Jun-15 A	
SHT-2150-MECH	Welding flanges for Halhul Connection to Halhul existing chamber (DN 150mm, pipeline Dia 150mm, PN16)@St. 8+875	1d	0%	15-Jul-15	15-Jul-15	-23d
Mechanical fittings installation		26d		14-Jun-15 A	16-Jul-15	-23d
Main pipeline chambers		26d		14-Jun-15 A	16-Jul-15	-23d
SHT-2170-MECH	Fittings installation for 150 AR/AV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.8+875	1d	100%	14-Jun-15 A	14-Jun-15 A	
SHT-2160-MECH	Fittings installation for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta. 8+400	1d	100%	28-Jun-15 A	28-Jun-15 A	
SHT-2180-MECH	Fittings installation for Halhul connection chamber (DN 300mm, pipeline Dia 760mm, PN16) @ Sta. 8+889 RHS	2d	0%	15-Jul-15	16-Jul-15	-23d
Networks chambers		12d		27-Jun-15 A	16-Jul-15	-23d
SHT-2190-MECH	Fittings installation for ARV Valve chamber (DN 75mm, pipeline Dia150mm, PN16) @ Sta. 8+397	1d	100%	27-Jun-15 A	27-Jun-15 A	
SHT-2200-MECH	Fittings installation for Halhul Connection to Halhul existing chamber (DN 150mm, pipeline Dia 150mm, PN16)@St. 8+875	1d	0%	16-Jul-15	16-Jul-15	-23d
Phase #5 Main pipelines&(Milling & overlay 11-13m width Exist road) St. 9+027 to 9+418		347d		09-Aug-14 A	21-Jul-15	-30d
Safety and Milling		96d		09-Aug-14 A	01-Jan-15 A	
SHT2700	Maintain traffic control & safety plan to include local access to residance ,all corrdination & relocate utilities	96d	100%	09-Aug-14 A	01-Jan-15 A	
SHT2710	saw cut asphalt	2d	100%	10-Aug-14 A	27-Aug-14 A	
Pipe Installation		16d		10-Aug-14 A	27-Aug-14 A	
760 mm main pipeline & 200mm dist.pipeline		16d		10-Aug-14 A	27-Aug-14 A	
SHT2750	Trench excavation for 760 mm main pipeline & 200mm dist.pipeline from 9+027 TO 9+418 (391 LM)	16d	100%	10-Aug-14 A	27-Aug-14 A	
SHT2753	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	16d	100%	10-Aug-14 A	27-Aug-14 A	
SHT2755	Backfill the pipe trench with approved materials to the required level	16d	100%	10-Aug-14 A	27-Aug-14 A	
Civil Chamber work		160d		15-Sep-14 A	14-May-15 A	
Main pipeline chambers		134d		15-Sep-14 A	14-May-15 A	
SHT2770	Construct - Halhul distribution connection chamber (Kharas junction)-(DN200mm, pipeline Dia300mm,PN16) @ Sta.9+052 RHS	22d	100%	15-Sep-14 A	08-Oct-14 A	
SHT2760	Construct - ARV Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.9+210	20d	100%	22-Mar-15 A	14-May-15 A	
Networks chambers		8d		11-May-15 A	12-May-15 A	
SHT2785-new	Construct - ARV Valve chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.9+180	8d	100%	11-May-15 A	12-May-15 A	



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar — Level of Effort

Date	Revision	Checked	Approved
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APCO ArCon CONSTRUCTION AND SERVICES

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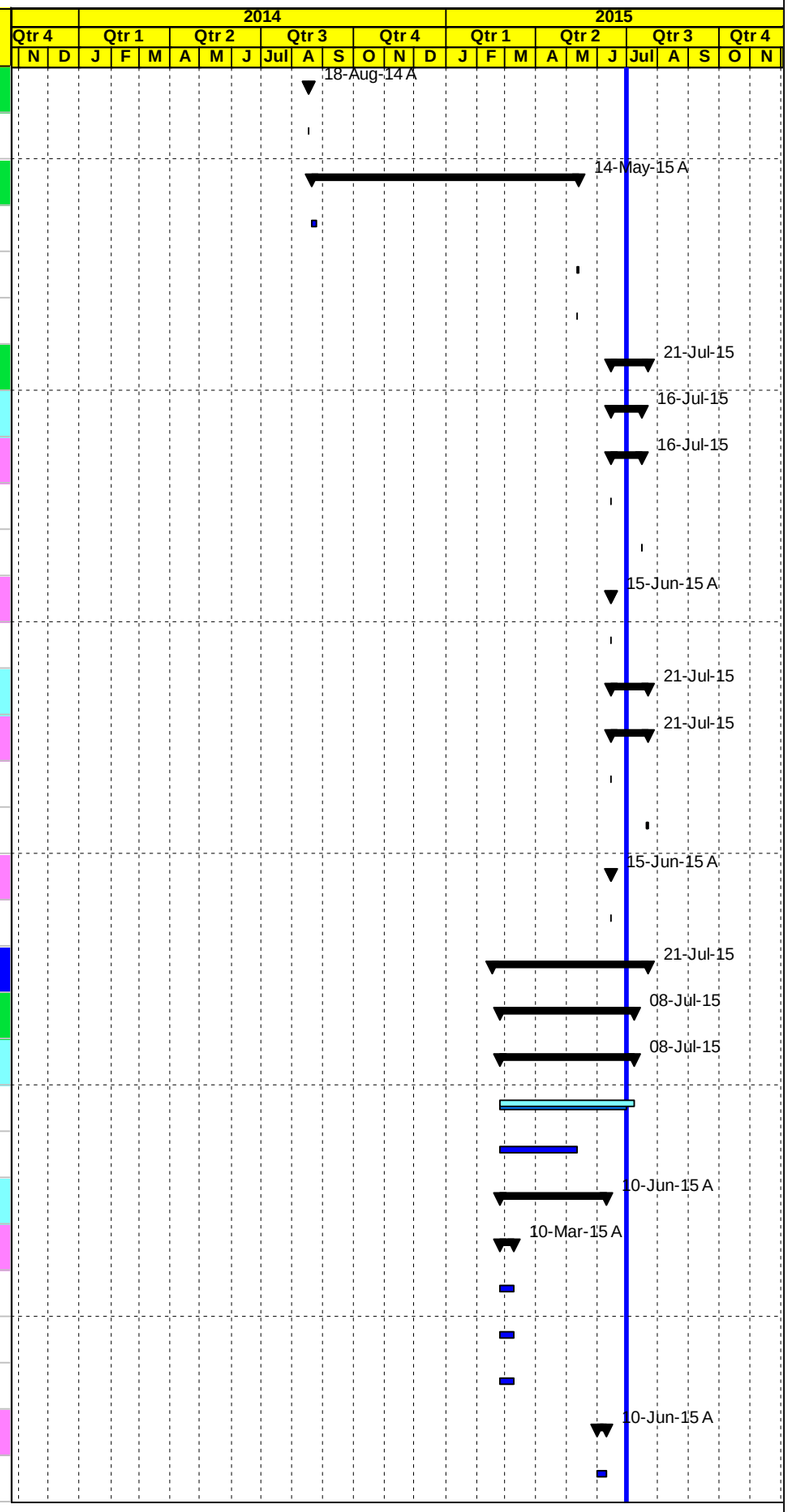
TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
Testing		1d		18-Aug-14 A	18-Aug-14 A	
SHT2772	Radiographic Testing (RT) Workshop	1d	100%	18-Aug-14 A	18-Aug-14 A	
Basecourse and Asphalt		84d		20-Aug-14 A	14-May-15 A	
SHT2780	Asphalt Reinstatement over pipe trench including prime coat from St. 9+027-9+220& St. 9+390 -9+418	2d	100%	20-Aug-14 A	25-Aug-14 A	
SHT2790	5 cm asphalt wearing course including tack coat	2d	100%	12-May-15 A	14-May-15 A	
SHT2777	Milling	1d	100%	12-May-15 A	12-May-15 A	
Mechanical Chambers work		26d		15-Jun-15 A	21-Jul-15	-23d
Welding flanges		25d		15-Jun-15 A	16-Jul-15	-23d
Main pipeline chambers		25d		15-Jun-15 A	16-Jul-15	-23d
SHT-2220-MECH	Welding flanges for ARV Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.9+210	1d	100%	15-Jun-15 A	15-Jun-15 A	
SHT-2210-MECH	Welding flanges Halhul distribution connection chamber (Kharas)-(DN200mm, pipeline Dia300mm,PN16) @ Sta.9+052	1d	0%	16-Jul-15	16-Jul-15	-23d
Networks chambers		1d		15-Jun-15 A	15-Jun-15 A	
SHT-2230-MECH	Welding flanges for ARV Valve chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.9+180	1d	100%	15-Jun-15 A	15-Jun-15 A	
Mechanical fittings installation		23d		15-Jun-15 A	21-Jul-15	-23d
Main pipeline chambers		23d		15-Jun-15 A	21-Jul-15	-23d
SHT-2250-MECH	Fittings installation for ARV Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.9+210	1d	100%	15-Jun-15 A	15-Jun-15 A	
SHT-2240-MECH	Fittings installation for Halhul distribution connection chamber (Kharas)-(DN200mm, pipeline Dia300mm,PN16) @ Sta.9+052	1d	0%	21-Jul-15	21-Jul-15	-23d
Networks chambers		1d		15-Jun-15 A	15-Jun-15 A	
SHT-2260-MECH	Fittings installation for ARV Valve chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.9+180	1d	100%	15-Jun-15 A	15-Jun-15 A	
Phase #6 Main pipelines, Network & Road Works St.9+418 to 11+000		150d		17-Feb-15 A	21-Jul-15	-30d
Main pipelines&(Rehabilitation Exist road at residential area)St.9+418 to 9+880		137d		24-Feb-15 A	08-Jul-15	-28d
Safety and Excavation Works		52d		24-Feb-15 A	08-Jul-15	-24d
SHT4000	Maintain traffic control & safety plan to include local access to residance ,all corrdination & relocate utilities	52d	50%	24-Feb-15 A	08-Jul-15	-24d
SHT4010	Remove exist asphalt , Road excavation and backfilling to the required subgrade level and milling	9d	100%	25-Feb-15 A	12-May-15 A	
Pipe Installation		104d		25-Feb-15 A	10-Jun-15 A	
760 mm main pipeline & dist.pipe150 mm		11d		25-Feb-15 A	10-Mar-15 A	
SHT2720	Trench excavation for 760 mm main pipeline & dist.pipe150 mm from 9+418 to 9+880 (462 LM)	11d	100%	25-Feb-15 A	10-Mar-15 A	
SHT2730	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	11d	100%	25-Feb-15 A	10-Mar-15 A	
SHT2740	Backfill the pipe trench with approved materials to the required level	11d	100%	25-Feb-15 A	10-Mar-15 A	
Additional Pipe Installation		5d		01-Jun-15 A	10-Jun-15 A	
SHT2562-new	Trench excavation for 75 mm main Pipeline with length approx. (200 LM) from St. 9+680 to St. 9+880	5d	100%	01-Jun-15 A	10-Jun-15 A	



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar — Level of Effort

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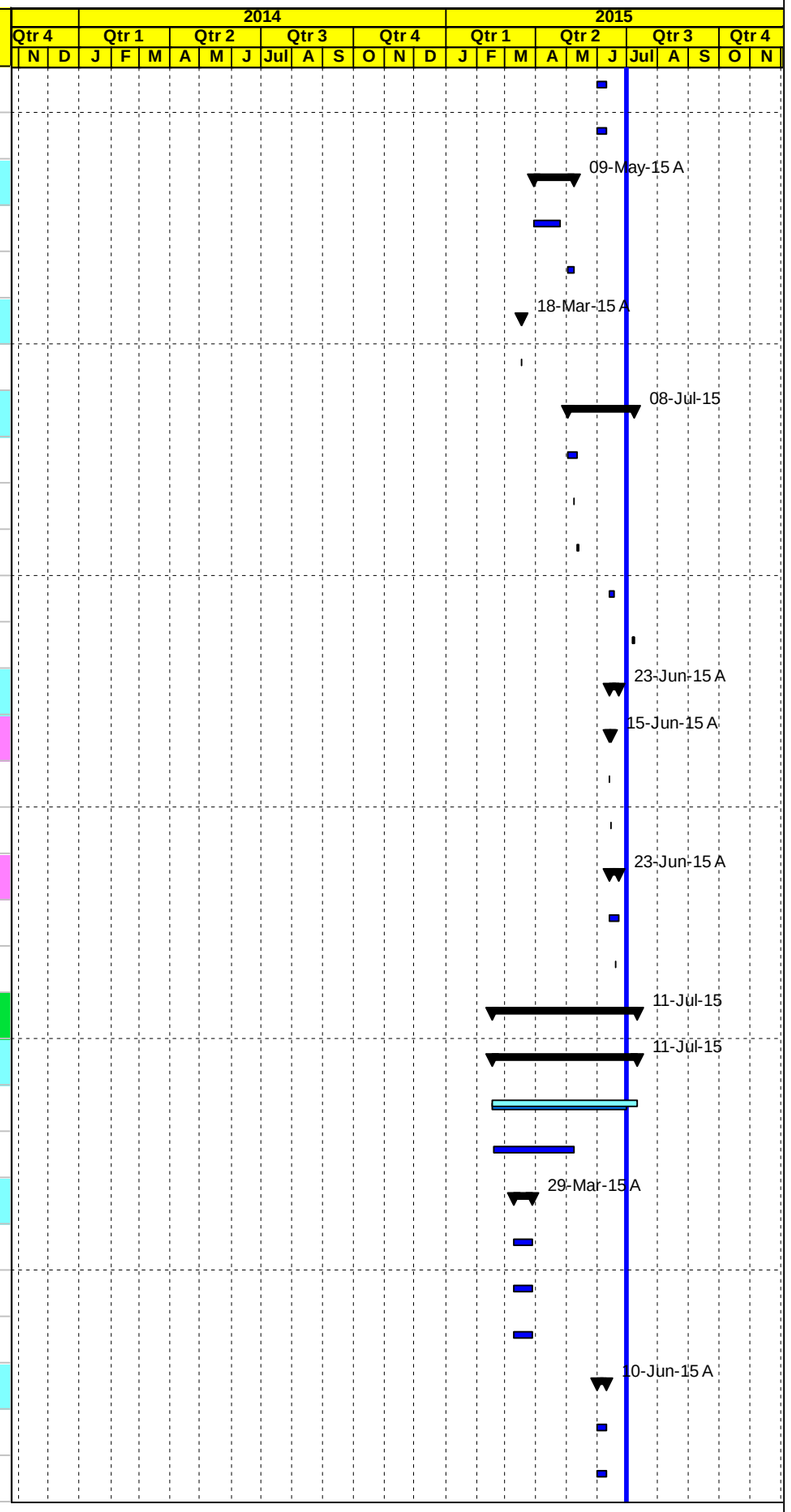
Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT2568-new	Backfill the pipe trench with approved materials to the required level	5d	100%	01-Jun-15 A	10-Jun-15 A	
SHT2566-new	Bedding layer & install the above main Steel pipeline including required welding inspection	5d	100%	01-Jun-15 A	10-Jun-15 A	
Chamber work		53d		31-Mar-15 A	09-May-15 A	
SHT2760-new	Construct - AR/AV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.9+680	20d	100%	31-Mar-15 A	25-Apr-15 A	
SHT2770-new	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.9+600	21d	100%	03-May-15 A	09-May-15 A	
Testing		1d		18-Mar-15 A	18-Mar-15 A	
SHT4050	Radiographic Testing (RT) Workshop	1d	100%	18-Mar-15 A	18-Mar-15 A	
Base course and Asphalt		68d		04-May-15 A	08-Jul-15	-28d
SHT4020	Finish Sub grade & leveling base course layer and 15 cm thick for course layer	4d	100%	04-May-15 A	13-May-15 A	
SHT4040	Asphalt Reinstatement From St. 9+418- 9+680	2d	100%	09-May-15 A	09-May-15 A	
SHT4030	5 cm asphalt wearing couse including prime coat From St. 9+418 to St. 9+640	1d	100%	13-May-15 A	14-May-15 A	
SHT4152-new	Restoration of base course layer	3d	100%	14-Jun-15 A	18-Jun-15 A	
SHT4100	5 cm asphalt wearing couse including prime coat From St. 9+640 to St. 9+880	2d	0%	07-Jul-15*	08-Jul-15	-28d
Mechanical Chambers work		7d		14-Jun-15 A	23-Jun-15 A	
Welding flanges		2d		14-Jun-15 A	15-Jun-15 A	
SHT-2270-MECH	Welding flanges for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.9+600	1d	100%	14-Jun-15 A	14-Jun-15 A	
SHT-2280-MECH	Welding flanges for AR/AV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.9+680	1d	100%	15-Jun-15 A	15-Jun-15 A	
Mechanical fittings installation		6d		14-Jun-15 A	23-Jun-15 A	
SHT-2290-MECH	Fittings installation for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.9+600	1d	100%	14-Jun-15 A	23-Jun-15 A	
SHT-2300-MECH	Fittings installation for AR/AV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.9+680	1d	100%	20-Jun-15 A	20-Jun-15 A	
Main pipelines & (Rehabilitation at residential area) St.9+880 to 10+460		126d		17-Feb-15 A	11-Jul-15	-28d
Safety and Excavation Works		39d		17-Feb-15 A	11-Jul-15	-24d
SHT2620	Maintain traffic control & safety plan to include local access to residance ,all corrdination & relocate utilities	26d	50%	17-Feb-15 A	11-Jul-15	-24d
SHT2630	Remove exist asphalt , Road excavation and backfilling to the required subgrade level and milling	11d	100%	19-Feb-15 A	09-May-15 A	
Pipe Installation		12d		11-Mar-15 A	29-Mar-15 A	
SHT2640	Trench excavation for 760 mm main Pipeline with length approx. (580 LM)	11d	100%	11-Mar-15 A	29-Mar-15 A	
SHT2650	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	11d	100%	11-Mar-15 A	29-Mar-15 A	
SHT2660	Backfill the pipe trench with approved materials to required level & single size lateral trench from St. 9+920 -10+070	12d	100%	11-Mar-15 A	29-Mar-15 A	
Additional Pipe Installation		9d		01-Jun-15 A	10-Jun-15 A	
SHT2567-new	Trench excavation for 75 mm main Pipeline with length approx. (620 LM) from St. 9+880 to St. 10+500	9d	100%	01-Jun-15 A	10-Jun-15 A	
SHT2569-new	Bedding layer & install the above main Steel pipeline including required welding inspection	9d	100%	01-Jun-15 A	10-Jun-15 A	



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CONSTRUCTION AND SERVICES

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TO16
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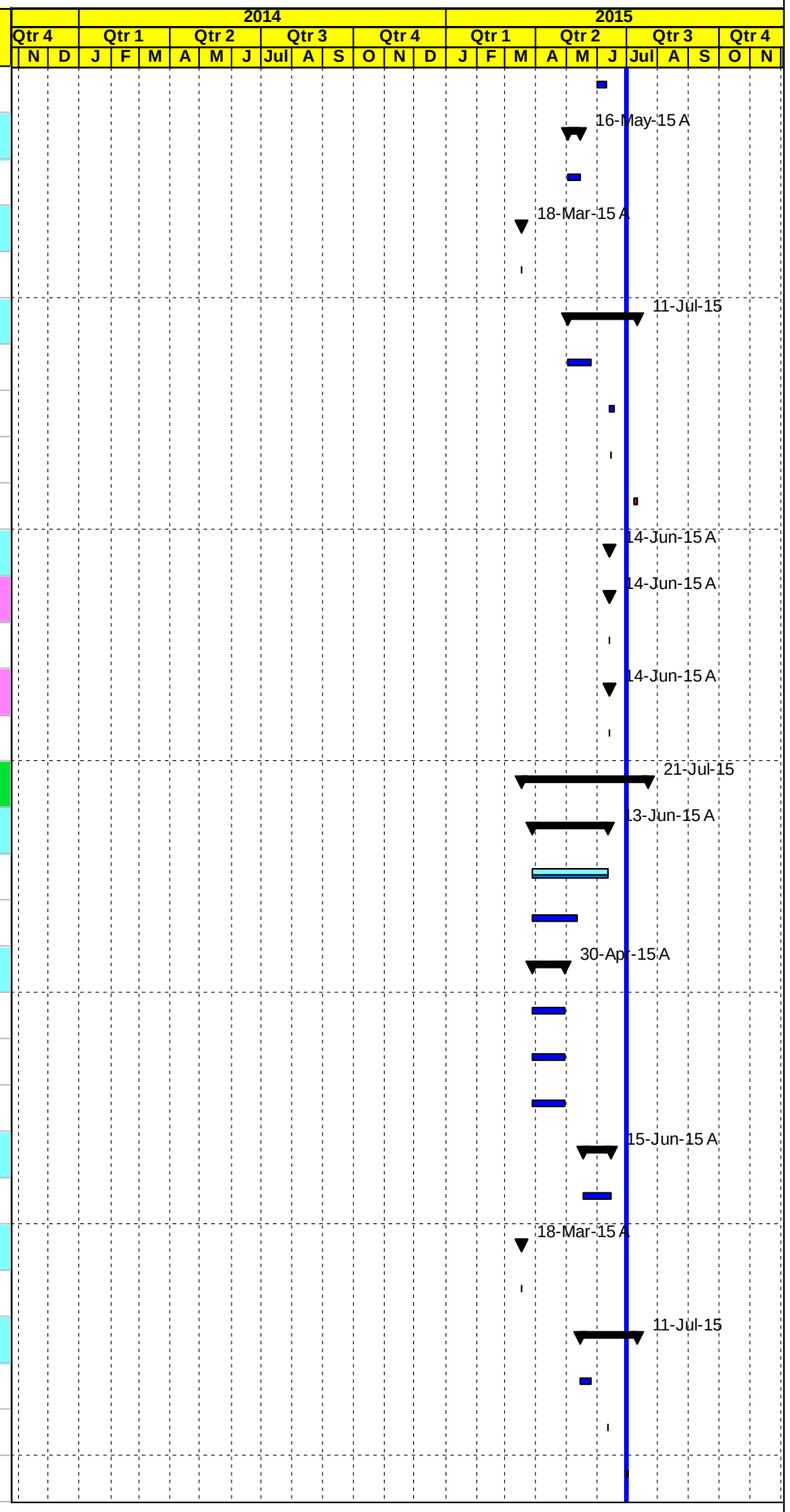
Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT2580-new	Backfill the pipe trench with approved materials to the required level	9d	100%	01-Jun-15 A	10-Jun-15 A	
Chamber work		21d		03-May-15 A	16-May-15 A	
SHT2670	Construct - ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.10+430	21d	100%	03-May-15 A	16-May-15 A	
Testing		1d		18-Mar-15 A	18-Mar-15 A	
SHT2673	Radiographic Testing (RT) Workshop	1d	100%	18-Mar-15 A	18-Mar-15 A	
Base course and Asphalt		71d		04-May-15 A	11-Jul-15	-28d
SHT2680	Finish Sub grade & 15 cm thick base course layer from St. 9+880 To St. 9+940 & from St. 10+000 to St.10+460	4d	100%	04-May-15 A	26-May-15 A	
SHT4154-new	Restoration of base course layer	4d	100%	14-Jun-15 A	18-Jun-15 A	
SHT2990	15 cm thick base course layer from St. 9+940 To St. 10+000	2d	100%	15-Jun-15 A	16-Jun-15 A	
SHT2690	5 cm asphalt wearing couse including prime coat 9+880 to St. 10+460	2d	0%	08-Jul-15	11-Jul-15	-24d
Mechanical Chambers work		6d		14-Jun-15 A	14-Jun-15 A	
Welding flanges		1d		14-Jun-15 A	14-Jun-15 A	
SHT-2310-MECH	Welding flanges for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.10+430	1d	100%	14-Jun-15 A	14-Jun-15 A	
Mechanical fittings installation		1d		14-Jun-15 A	14-Jun-15 A	
SHT-2320-MECH	Fittings installation for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.10+430	1d	100%	14-Jun-15 A	14-Jun-15 A	
Main pipelines & (Rehabilitation Exist road) St. 10+460 to 10+900		93d		18-Mar-15 A	21-Jul-15	-30d
Safety , Excavation Works ,Pipe Culvert and concrete wall		27d		28-Mar-15 A	13-Jun-15 A	
SHT2510	Maintain traffic control plan including grading and widening the road ,coordination with local and all parties	27d	100%	28-Mar-15 A	13-Jun-15 A	
SHT2520	Remove exist asphalt , Road excavation and backfilling to the required subgrade level	14d	100%	29-Mar-15 A	12-May-15 A	
Pipe Installation		12d		29-Mar-15 A	30-Apr-15 A	
SHT2530	Trench excavation for 760 mm main Pipeline with length approx. (440 LM)	12d	100%	29-Mar-15 A	30-Apr-15 A	
SHT2550	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	12d	100%	29-Mar-15 A	30-Apr-15 A	
SHT2560	Backfill the pipe trench with approved materials to the required level	12d	100%	29-Mar-15 A	30-Apr-15 A	
Civil Chamber work		21d		19-May-15 A	15-Jun-15 A	
SHT2580	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.10+600	21d	100%	19-May-15 A	15-Jun-15 A	
Testing		1d		18-Mar-15 A	18-Mar-15 A	
SHT2583	Radiographic Testing (RT) Workshop	1d	100%	18-Mar-15 A	18-Mar-15 A	
Base course , Stone Wall and Asphalt		60d		16-May-15 A	11-Jul-15	-27d
SHT2600	Finish Sub grade & 15 cm thick base course layer from St. 10+460 to St. 10+560 & 10+ 640 to St. 10+900	4d	100%	16-May-15 A	27-May-15 A	
SHT2610	5 cm asphalt wearing course including prime coat 10+640 10+840	2d	100%	13-Jun-15 A	13-Jun-15 A	
SHT3030	Finish Sub grade & 15 cm thick base course layer from St. 10+560 to St. 10+640	2d	0%	01-Jul-15	02-Jul-15	-20d



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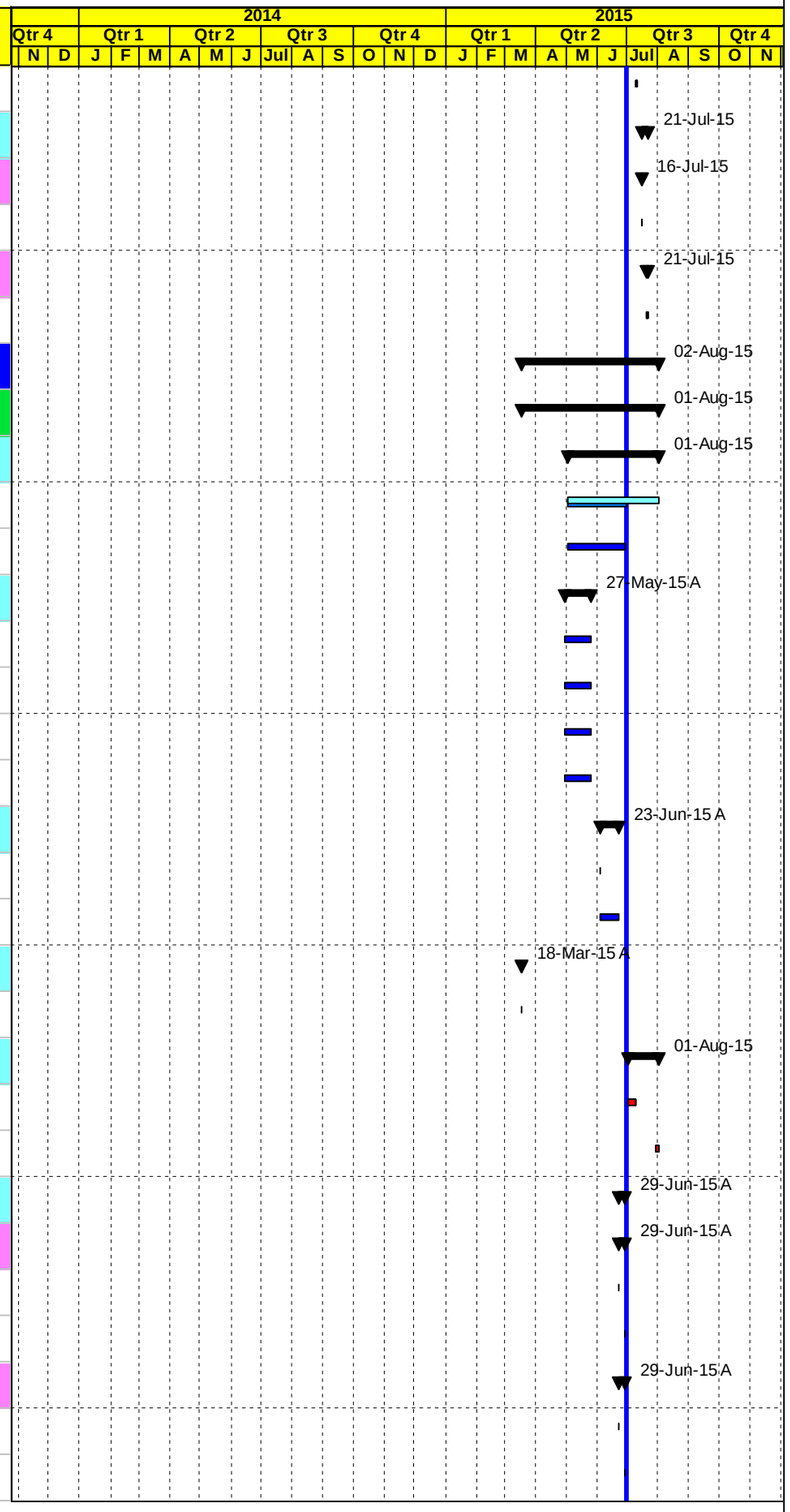
Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT3090	5 cm asphalt wearing course including prime coat from St. 10+460 to St. 10+560 & 10+640 to St. 10+900	2d	0%	10-Jul-15	11-Jul-15	-27d
Mechanical Chambers work		2d		16-Jul-15	21-Jul-15	-23d
Welding flanges		1d		16-Jul-15	16-Jul-15	-23d
SHT-2330-MECH	Welding flanges for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.10+600	1d	0%	16-Jul-15	16-Jul-15	-23d
Mechanical fittings installation		1d		21-Jul-15	21-Jul-15	-23d
SHT-2340-MECH	Fittings installation for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.10+600	1d	0%	21-Jul-15	21-Jul-15	-23d
Phase #7 Main pipelines, Network & Road Works St.10+900 to 12+000		118d		18-Mar-15 A	02-Aug-15	-31d
Main pipelines & (Rehabilitation Exist road) St. 10+900 to 11+500		75d		18-Mar-15 A	01-Aug-15	-23d
Safety and Excavation Works		35d		03-May-15 A	01-Aug-15	-23d
SHT2410	Maintain traffic control plan including grading and widening the road ,coordination with local and all parties	35d	31.39%	03-May-15 A	01-Aug-15	-23d
SHT2420	Remove exist asphalt , Road excavation and backfilling to the required subgrade level	21d	100%	03-May-15 A	29-Jun-15 A	
Pipe Installation		11d		30-Apr-15 A	27-May-15 A	
SHT2430	Trench excavation for 760 mm main Pipeline with length approx. (600 LM)	11d	100%	30-Apr-15 A	27-May-15 A	
SHT2440	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	11d	100%	30-Apr-15 A	27-May-15 A	
SHT2450	Concrete encasement for main pipeline from sta.11+000 to 11+40 length (500 LM)	11d	100%	30-Apr-15 A	27-May-15 A	
SHT2460	Backfill the pipe trench with approved materials to the required level	11d	100%	30-Apr-15 A	27-May-15 A	
Civil Chamber work		21d		04-Jun-15 A	23-Jun-15 A	
SHT2570	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.11+390	21d	100%	04-Jun-15 A	04-Jun-15 A	
SHT2480	Construct - ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.11+210	21d	100%	04-Jun-15 A	23-Jun-15 A	
Testing		1d		18-Mar-15 A	18-Mar-15 A	
SHT2482	Radiographic Testing (RT) Workshop	1d	100%	18-Mar-15 A	18-Mar-15 A	
Base course , Stone Wall and Asphalt		22d		02-Jul-15	01-Aug-15	-23d
SHT2490	Finish Sub grade & 15 cm thick base course layer from St. 10+900 -10+980 & 20cm thick from St. 10+980 -11+500	6d	0%	02-Jul-15	09-Jul-15	-15d
SHT2500	5 cm asphalt wearing course including prime coat From St. 10+900 to st. 11+500	2d	0%	29-Jul-15	01-Aug-15	-23d
Mechanical Chambers work		13d		23-Jun-15 A	29-Jun-15 A	
Welding flanges		13d		23-Jun-15 A	29-Jun-15 A	
SHT-2350-MECH	Welding flanges for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.11+210	1d	100%	23-Jun-15 A	23-Jun-15 A	
SHT-2360-MECH	Welding flanges for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.11+390	1d	100%	29-Jun-15 A	29-Jun-15 A	
Mechanical fittings installation		12d		23-Jun-15 A	29-Jun-15 A	
SHT-2370-MECH	Fittings installation for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.11+210	1d	100%	23-Jun-15 A	23-Jun-15 A	
SHT-2380-MECH	Fittings installation for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.11+390	1d	100%	29-Jun-15 A	29-Jun-15 A	



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar — Level of Effort

Date	Revision	Checked	Approved
02-Jul-15			

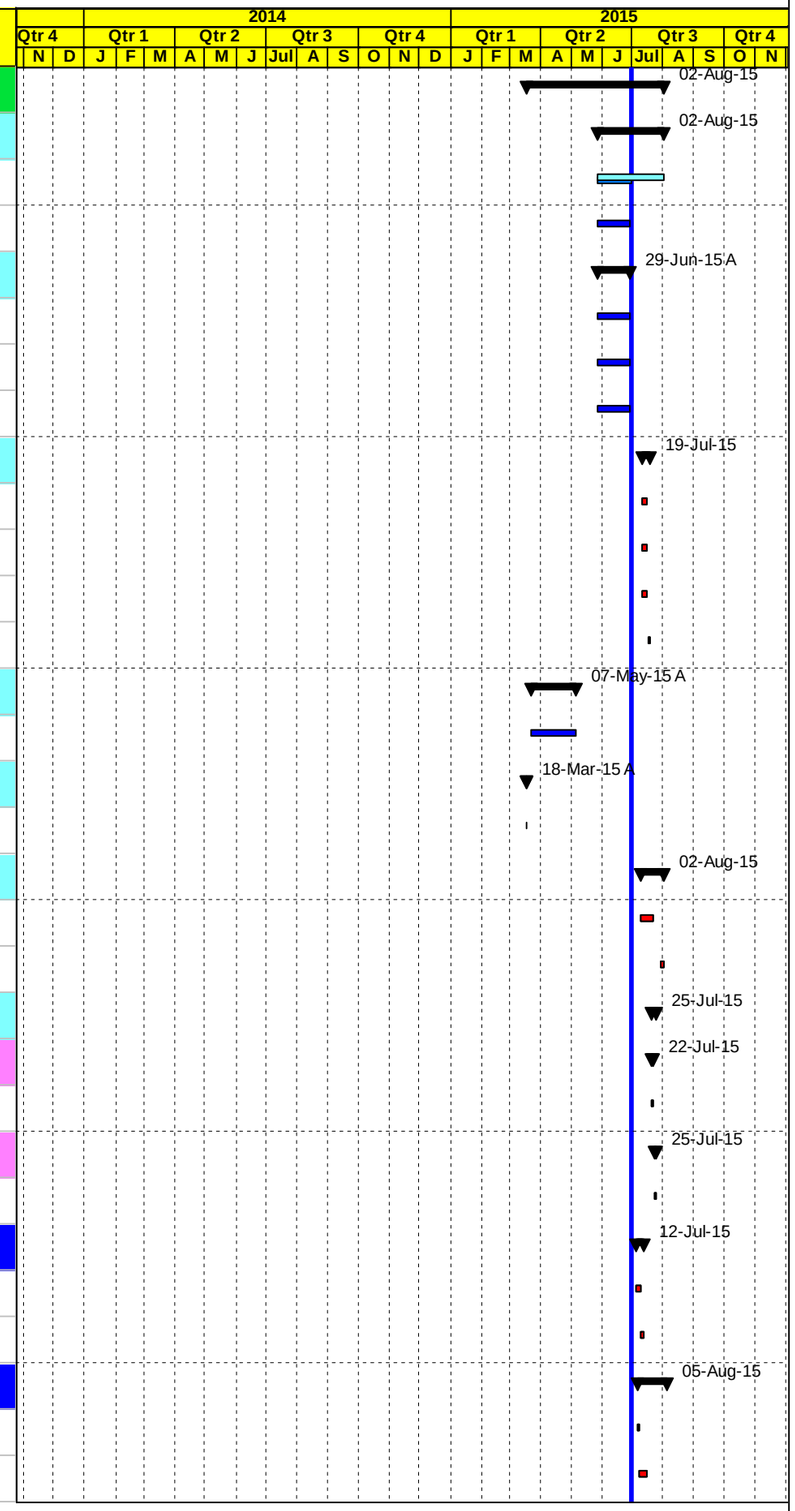
APCO/ArCon CONSTRUCTION AND SERVICES

Construction Program

Updated June 30, 2015

TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
Main pipelines & (Rehabilitation Exist road) St. 11+500 to 12+000		118d		18-Mar-15 A	02-Aug-15	-31d
Safety and Excavation Works		31d		28-May-15 A	02-Aug-15	-23d
SHT3950	Maintain traffic control plan including grading and widening the road ,coordination with local and all parties	31d	5%	28-May-15 A	02-Aug-15	-23d
SHT3960	Remove exist asphalt , Road excavation and backfilling to the required subgrade level	21d	100%	28-May-15 A	29-Jun-15 A	
Pipe Installation From St. 11+500 to St.11+800		15d		28-May-15 A	29-Jun-15 A	
SHT3850	Trench excavation for 760 mm main Pipeline with length approx. (300 LM)	15d	100%	28-May-15 A	29-Jun-15 A	
SHT3860	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	15d	100%	28-May-15 A	29-Jun-15 A	
SHT3870	Backfill the pipe trench with approved materials to the required level	15d	100%	28-May-15 A	29-Jun-15 A	
Pipe Installation From St. 11+800 to St.11+980		9d		11-Jul-15	19-Jul-15	-28d
SHT4202	Trench excavation for 760 mm main Pipeline with length approx. (180 LM)	6d	0%	11-Jul-15	16-Jul-15	-30d
SHT4212	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	6d	0%	11-Jul-15	16-Jul-15	-30d
SHT4222	Backfill the pipe trench with approved materials to the required level	6d	0%	11-Jul-15	16-Jul-15	-22d
SHT-2510-MECH	Connections 30" Pipeline @ Halhul reservoir	3d	0%	17-Jul-15	19-Jul-15	-34d
Civil Chamber work		19d		22-Mar-15 A	07-May-15 A	
SHT2470	Construct - Halhul reservoir connection chamber (DN 500mm, pipeline Dia 760mm, PN16) @ Sta.11+900	19d	100%	22-Mar-15 A	07-May-15 A	
Testing		1d		18-Mar-15 A	18-Mar-15 A	
SHT3980	Radiographic Testing (RT) Workshop	1d	100%	18-Mar-15 A	18-Mar-15 A	
Base course , Stone Wall and Asphalt		17d		09-Jul-15	02-Aug-15	-23d
SHT3970	Finish Sub grade & 20 cm thick base course layer from St. 11+500 to St. 11+900	7d	0%	09-Jul-15	21-Jul-15	-15d
SHT4070	5 cm asphalt wearing course including prime coat from St. 11+500 to St. 11+900	2d	0%	30-Jul-15	02-Aug-15	-23d
Mechanical Chambers work		4d		21-Jul-15	25-Jul-15	-27d
Welding flanges		2d		21-Jul-15	22-Jul-15	-27d
SHT-2390-MECH	Welding flanges for Halhul reservoir connection chamber (DN 500mm, pipeline Dia 760mm, PN16) @ St.11+850 &St.11+900	2d	0%	21-Jul-15	22-Jul-15	-27d
Mechanical fittings installation		2d		23-Jul-15	25-Jul-15	-27d
SHT-2400-MECH	Fittings installation for Halhul reservoir connection chamber (DN 500mm,pipeline Dia 760mm, PN16) @ St.11+850 &St.11+900	2d	0%	23-Jul-15	25-Jul-15	-27d
final connection to the booster station		8d		05-Jul-15	12-Jul-15	-29d
SHT-2520-MECH	Connections 30" Pipeline a @ Gush Ezyon (installation 30" Pipeline and 20" Pipeline)	5d	0%	05-Jul-15*	09-Jul-15	-29d
SHT-2530-MECH	Mekerot connections @ Gush Ezyon pumping station (Mekerot)	3d	0%	10-Jul-15	12-Jul-15	-29d
Surge Control System		23d		07-Jul-15	05-Aug-15	-18d
SHT3465	Geotechnical testing (Report submission to CMC)	1d	0%	07-Jul-15*	07-Jul-15	-18d
SHT3475	Shop drawing Preparation	7d	0%	08-Jul-15	15-Jul-15	-18d



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar — Level of Effort

Date	Revision	Checked	Approved
02-Jul-15			

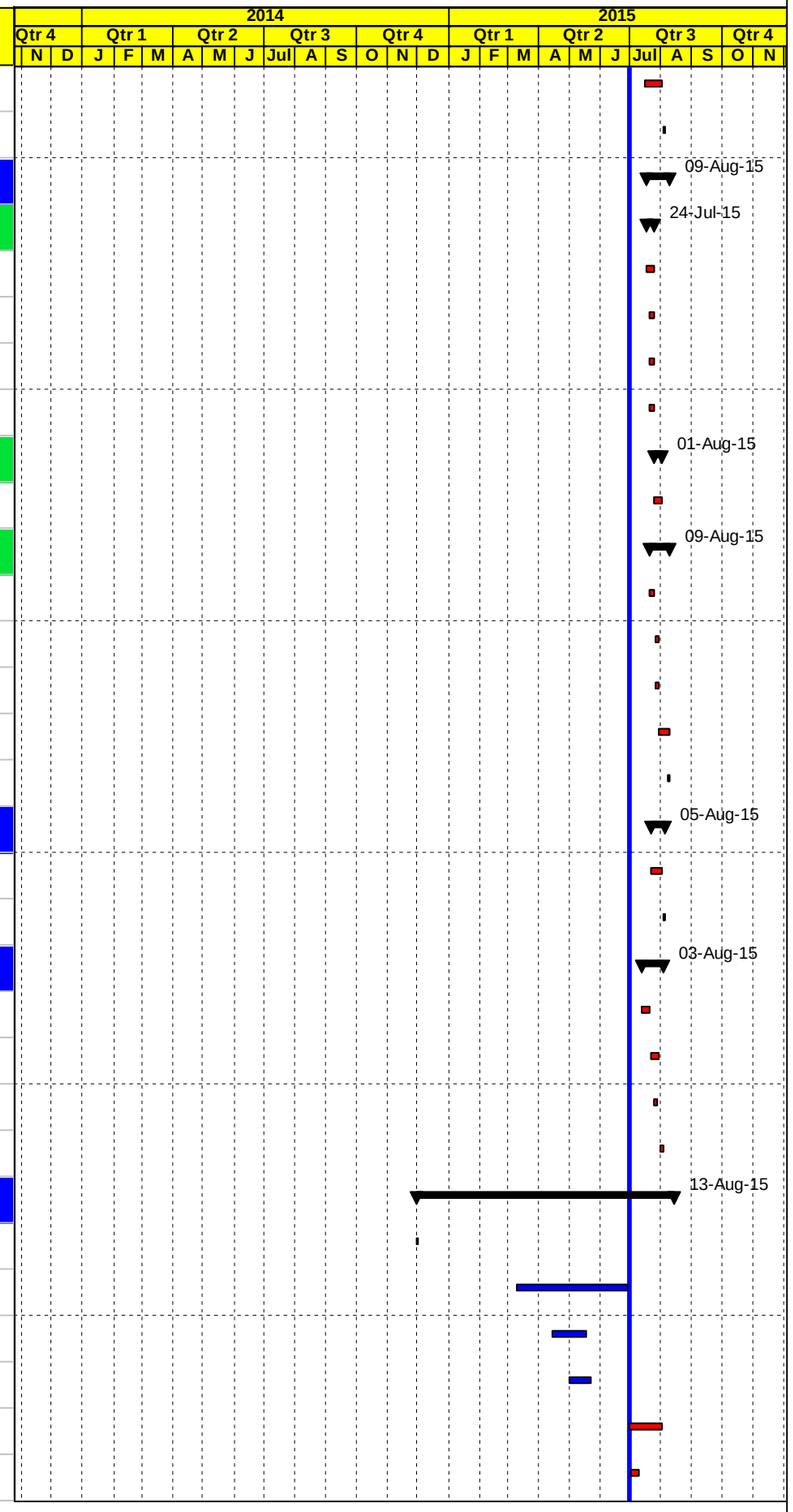
APCO/ArCon CONSTRUCTION AND SERVICES

Construction Program

Updated June 30, 2015

TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT3535	Excavation , concrete foundation and concrete walls	12d	0%	16-Jul-15	02-Aug-15	-18d
SHT3455	Mechanical installation for Bladder Surge System	3d	0%	03-Aug-15	05-Aug-15	-18d
Reservoir		24d		17-Jul-15	09-Aug-15	-27d
Reservoir Yard		8d		17-Jul-15	24-Jul-15	-11d
A1020	Install 250 mm thick removable roof panels for all existing water chamber in Halhule reservoir	8d	0%	17-Jul-15	24-Jul-15	-11d
A1000	Install 2" galvanized steel handrail over the reservoir 1m height.	5d	0%	20-Jul-15	24-Jul-15	-11d
A1010	Install 600 mm dia. concrete hand-hole	5d	0%	20-Jul-15	24-Jul-15	-11d
A1030	Heavy duty frame and cover.	5d	0%	20-Jul-15	24-Jul-15	-11d
Mechanical		8d		25-Jul-15	01-Aug-15	-19d
SHT3525	Install Diesel Generator Set and DC Uninterruptable Power Supply (UPS) for Halhoul Reservoir.	8d	0%	25-Jul-15	01-Aug-15	-19d
Instrumentations at Halhoul Reservoir		21d		20-Jul-15	09-Aug-15	-27d
SHT3555	Civil works trenches	5d	0%	20-Jul-15	24-Jul-15	-34d
SHT3545	Pressure transmitter	5d	0%	26-Jul-15	30-Jul-15	-31d
SHT3500	Water meter connection chambers and flow water	5d	0%	26-Jul-15	30-Jul-15	-27d
SHT3495	Elect. Work and conrol work for Halhul Reservoir Site	8d	0%	30-Jul-15	09-Aug-15	-24d
SHT3565	Electrical works for upgrade 1 phase electrical source to 3 phase (to be done by others)	2d	0%	08-Aug-15	09-Aug-15	-27d
Cathode protection		13d		22-Jul-15	05-Aug-15	-17d
SHT-2420-MECH	Installation cathode protections from St. 0+000 to St. 2+700 & St. 4+625 to St. 7+190	10d	0%	22-Jul-15*	02-Aug-15	-17d
SHT-2430-MECH	Testing and Commissioning of the system	3d	0%	03-Aug-15	05-Aug-15	-17d
Final Disinfection		22d		13-Jul-15	03-Aug-15	-29d
SHT3570	Flushing and Pressure Testing From St. 0+000 to St. 7+190	8d	0%	13-Jul-15	20-Jul-15	-29d
SHT3520	Final Disinfection For main Pipeline From St. 0+000 to St. 7+190	8d	0%	22-Jul-15	30-Jul-15	-19d
SHT3580	Flushing and Pressure Testing From St. 12+000 to St. 7+190	4d	0%	25-Jul-15	28-Jul-15	-33d
SHT3590	Final Disinfection For main Pipeline From St. 12+000 to St. 7+190	4d	0%	31-Jul-15	03-Aug-15	-35d
Concrete and Road Finishing work		194d		01-Dec-14 A	13-Aug-15	-30d
SHT3550	Additional geotechnical investigation for the new pipeline alignment	2d	100%	01-Dec-14 A	02-Dec-14 A	
SHT3252	Stone Wall Phase One	50d	100%	11-Mar-15 A	29-Jun-15 A	
SHT3515	8" UPVC pipes	10d	100%	15-Apr-15 A	19-May-15 A	
SHT3505	install of water pipeline for connection (road crossings and risers)	21d	100%	02-May-15 A	23-May-15 A	
SHT3262	Stone Wall Phase two	25d	0%	01-Jul-15	02-Aug-15	-20d
SHT3485	pipeline marking	7d	0%	01-Jul-15*	09-Jul-15	0d



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar — Level of Effort

Date	Revision	Checked	Approved
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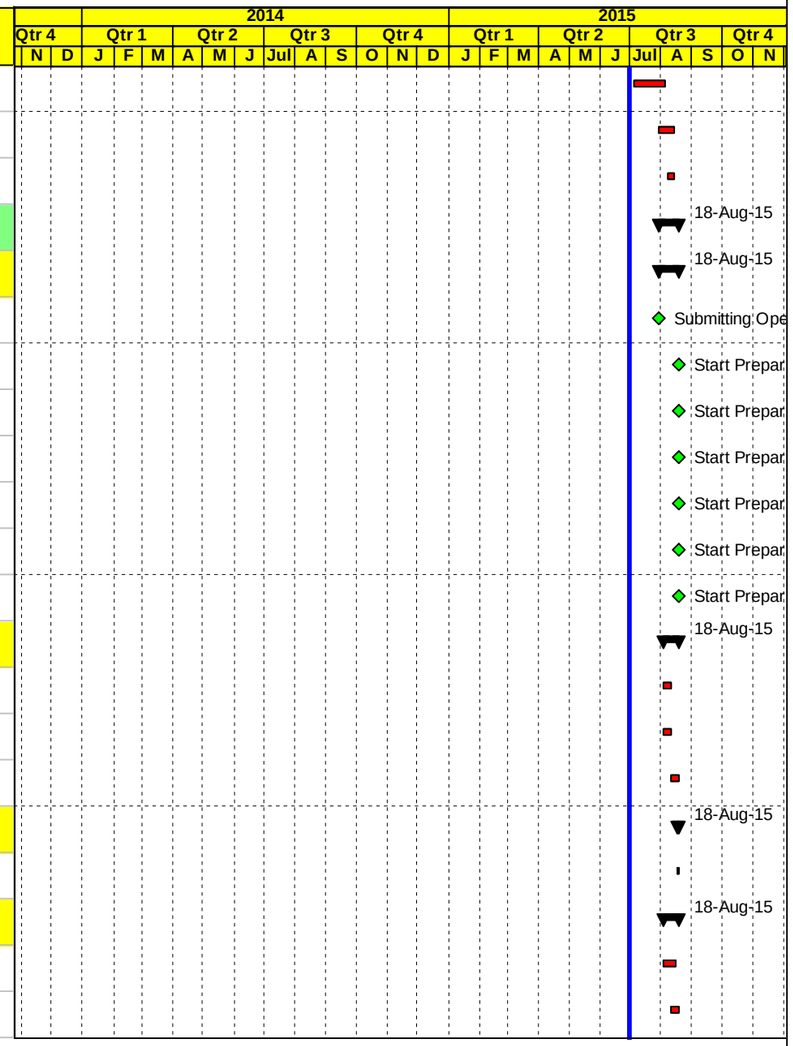
APCO/ArCon CONSTRUCTION AND SERVICES

Construction Program

Updated June 30, 2015

TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT3540	Construct concrete protection and ditch work	25d	0%	04-Jul-15	05-Aug-15	-17d
SHT3560	Guard rail, traffic signs , Road furnishing	12d	0%	30-Jul-15	13-Aug-15	-24d
SHT3570-new	Miscellaneous activities - If any as location is not determined yet	5d	0%	08-Aug-15	13-Aug-15	-23d
Post Construction Phase		19d		30-Jul-15	18-Aug-15	-35d
Post Construction Submittals		16d		30-Jul-15	18-Aug-15	-27d
SHT3690	Submitting Operation and Maintenance Manuals	0d	0%	30-Jul-15		-24d
SHT3630	Start Preparation Final Acceptance Certificate	0d	0%	18-Aug-15		-27d
SHT3640	Start Preparation Release of liens and waiver of debts and claims against the government	0d	0%	18-Aug-15		-27d
SHT3650	Start Preparation Final payment	0d	0%	18-Aug-15		-27d
SHT3660	Start Preparation Final Report	0d	0%	18-Aug-15		-27d
SHT3680	Start Preparation Clearance certificate from local entities/ Authorities involved	0d	0%	18-Aug-15		-27d
SHT3620	Start Preparation Warranties (to USAID)	0d	0%	18-Aug-15		-27d
Start up, Training and commissioning		15d		04-Aug-15	18-Aug-15	-35d
SHT3800	Training	8d	0%	04-Aug-15	11-Aug-15	-28d
SHT3700	Pre commissioning (balancing, adjustments, calibration, loop checks, and loop validation)	7d	0%	04-Aug-15	10-Aug-15	-35d
SHT3790	Commissioning	8d	0%	11-Aug-15	18-Aug-15	-35d
Demobilization		1d		17-Aug-15	18-Aug-15	-27d
SHT3810	Start Demobilization	1d	0%	17-Aug-15	18-Aug-15	-27d
Post Construction activities		13d		03-Aug-15	18-Aug-15	-27d
SHT3830	Start Preparation As-built drawings	10d	0%	03-Aug-15	15-Aug-15	-24d
SHT3840	Walk through and check Punch list	7d	0%	10-Aug-15	18-Aug-15	-27d



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar — Level of Effort

Date	Revision	Checked	Approved
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B | One Month Look ahead

APCO ArCon CONSTRUCTION AND SERVICES

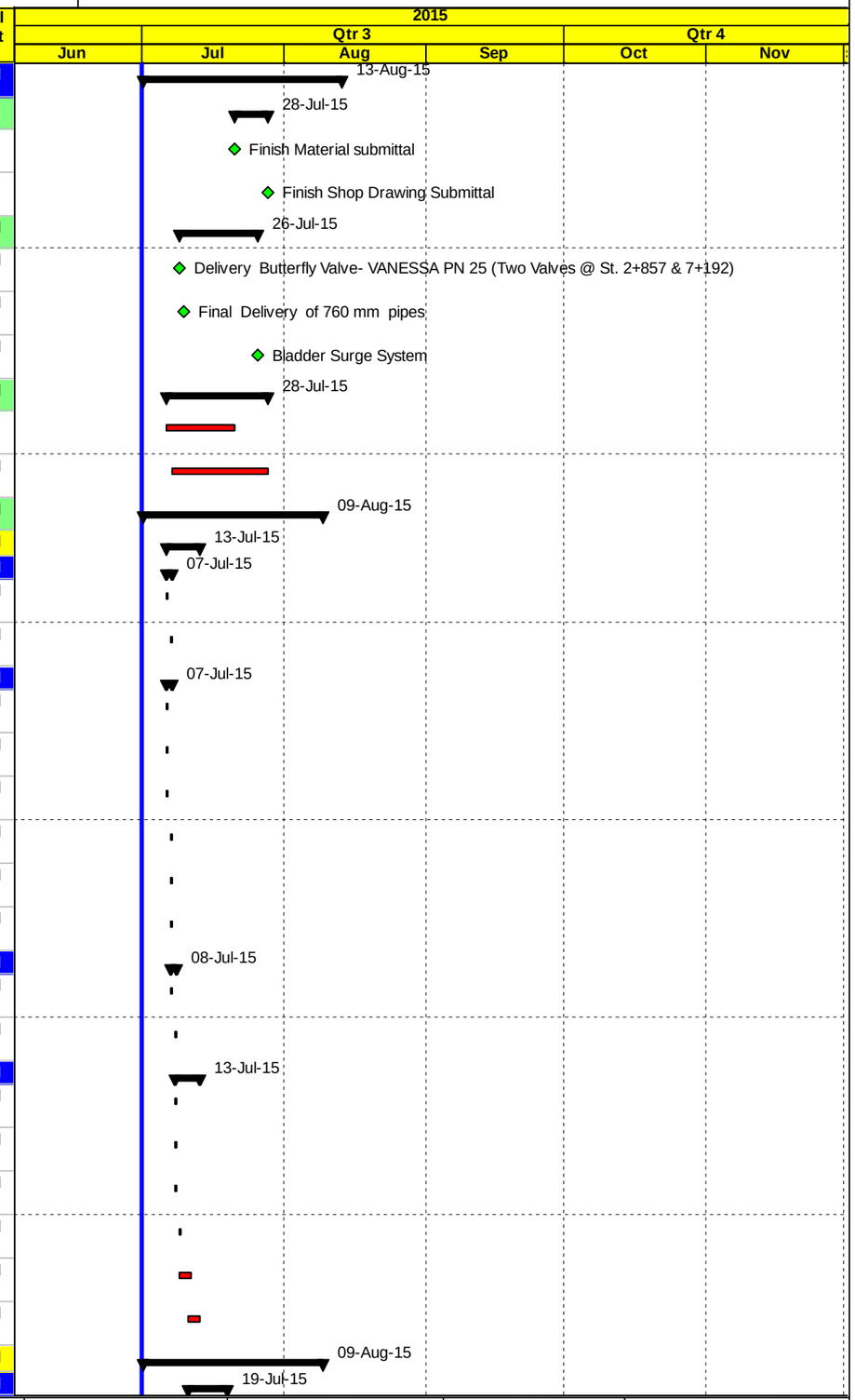
Updated Construction Program

One Month look ahead June 30, 2015

TO16

Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
Deir Sha'aar Main Pipeline Project		44d		01-Jul-15	13-Aug-15	-30d
Milestones		7d		21-Jul-15	28-Jul-15	-9d
SHT0095	Finish Material submittal	0d	0%		21-Jul-15	-2d
SHT0080	Finish Shop Drawing Submittal	0d	0%		28-Jul-15	-9d
Delivery		17d		09-Jul-15	26-Jul-15	-17d
SHT1095-new	Delivery Butterfly Valve- VANESSA PN 25 (Two Valves @ St. 2+857 & 7+192)	0d	0%	09-Jul-15*		-26d
SHT1092-new	Final Delivery of 760 mm pipes	0d	0%	10-Jul-15*		-34d
SHT1090-new	Bladder Surge System	0d	0%	26-Jul-15		-17d
Submittals		17d		06-Jul-15	28-Jul-15	-12d
SHT0475	Steel Handrail (Sample Approval)	10d	0%	06-Jul-15	21-Jul-15	-5d
SHT0361	Road Marking shop drawings	15d	0%	07-Jul-15	28-Jul-15	-22d
Water Scope of Work		40d		01-Jul-15	09-Aug-15	-27d
Network		7d		06-Jul-15	13-Jul-15	-15d
Al Arrub network		2d		06-Jul-15	07-Jul-15	-10d
SHT-1150-MECH	Welding flanges for Connection chamber to existing (DN 150mm, pipeline Dia150mm, PN16) @ Sta.0+584	1d	0%	06-Jul-15	06-Jul-15	-21d
SHT-1210-MECH	Fittings installation for Connection chamber to existing (DN 150mm, pipeline Dia150mm, PN16) @ Sta.0+584	1d	0%	07-Jul-15	07-Jul-15	-10d
Zaboud network		2d		06-Jul-15	07-Jul-15	-21d
SHT-1240-MECH	Welding flanges for Gate Valves (DN 150mm, pipeline Dia 200mm, PN16) @ St. 0+180	1d	0%	06-Jul-15	06-Jul-15	-21d
SHT-1250-MECH	Welding flanges for Air Valves (DN 75mm, pipeline Dia 200mm, PN16) @ St. 0+208	1d	0%	06-Jul-15	06-Jul-15	-21d
SHT-1260-MECH	Welding flanges for Connection chamber to existing (DN 200mm, pipeline Dia 200mm, PN16) @ Sta.1+133	1d	0%	06-Jul-15	06-Jul-15	-21d
SHT-1270-MECH	Fittings installation for Gate Valves (DN 150mm, pipeline Dia 200mm, PN16) @ St. 0+180	1d	0%	07-Jul-15	07-Jul-15	-21d
SHT-1280-MECH	Fittings installation for Air Valves (DN 75mm, pipeline Dia 200mm, PN16) @ St. 0+208	1d	0%	07-Jul-15	07-Jul-15	-21d
SHT-1290-MECH	Fittings installation for Connection chamber to existing (DN 200mm, pipeline Dia 200mm, PN16) @ Sta.1+133	1d	0%	07-Jul-15	07-Jul-15	-21d
Shahera network		2d		07-Jul-15	08-Jul-15	-15d
SHT-1310-MECH	Welding flanges for Connection chamber to existing (DN 200&100mm, pipeline Dia 200&100mm, PN16)@ Sta.1+115	1d	0%	07-Jul-15	07-Jul-15	-15d
SHT-1330-MECH	Fittings installation for Connection chamber to existing (DN 200&100mm, pipeline Dia 200&100mm, PN16)@ Sta.1+115	1d	0%	08-Jul-15	08-Jul-15	-15d
Nabi Younis network		5d		08-Jul-15	13-Jul-15	-15d
SHT-1360-MECH	Welding flanges for Connection chamber to existing (DN 100mm, pipeline Dia 100mm, PN16) @ Sta.0+824	1d	0%	08-Jul-15	08-Jul-15	-13d
SHT-1350-MECH	Welding flanges for Connection chamber to existing and Wash out (DN 150&75mm, pipeline Dia 150mm, PN16) @ Sta.0+718	1d	0%	08-Jul-15	08-Jul-15	-15d
SHT-1340-MECH	Welding flanges for Combined 3"ARV, 8"GV,6"GV,4"GV and connection to existing(DN100,200,150,100&200) @ St. 0+650	1d	0%	08-Jul-15	08-Jul-15	-15d
SHT-1380-MECH	Fittings installation for Conn .existing & Wash out (DN 150&75mm, pipeline Dia 150mm, PN16) @ Sta.0+718	1d	0%	09-Jul-15	09-Jul-15	-15d
SHT-1370-MECH	Fittings installation for Combined 3"ARV, 8"GV,6"GV,4"GV and connection to existing(DN100,200,150,100&200) @ St. 0+650	2d	0%	09-Jul-15	11-Jul-15	-15d
SHT-1390-MECH	Fittings installation for Connection chamber to existing (DN 100mm, pipeline Dia 100mm, PN16) @ Sta.0+824	3d	0%	11-Jul-15	13-Jul-15	-15d
Main Pipeline		40d		01-Jul-15	09-Aug-15	-27d
Installation 30" from St. 11+800 to St. 11+980		9d		11-Jul-15	19-Jul-15	-28d



◇ Milestone Early Bar — Actual Level of Effort — Level of Effort
Actual Work — Early Bar — Summary
◆ Milestone Actual — Critical Bar

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APCO/ArCon CONSTRUCTION AND SERVICES

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One Month look ahead June 30, 2015

TO16

Deir Sha'aar Main Pipeline Project

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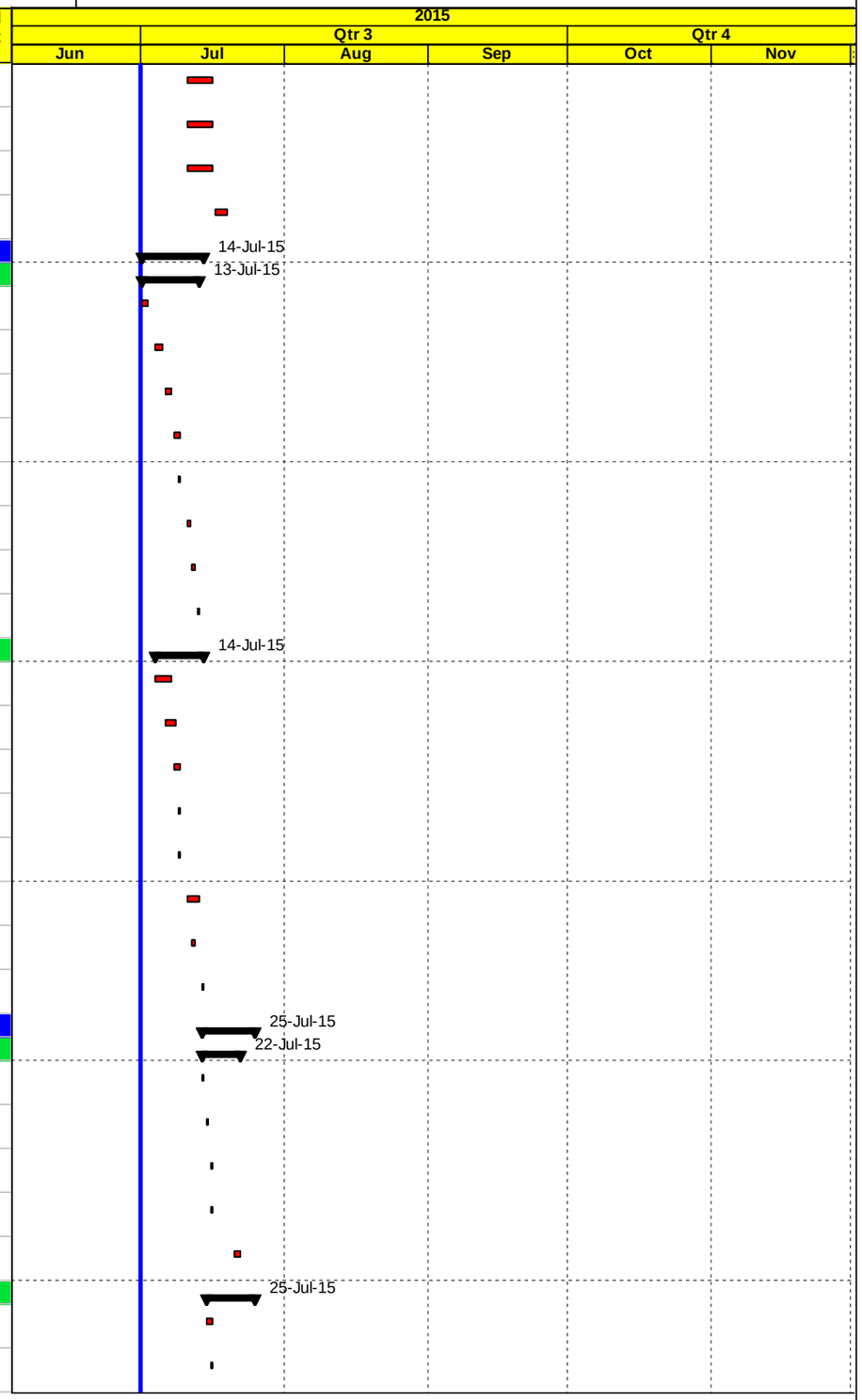
SHT4202	Trench excavation for 760 mm main Pipeline with length approx. (180 LM)	6d	0%	11-Jul-15	16-Jul-15	-30d
SHT4212	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	6d	0%	11-Jul-15	16-Jul-15	-30d
SHT4222	Backfill the pipe trench with approved materials to the required level	6d	0%	11-Jul-15	16-Jul-15	-22d
SHT-2510-MECH	Connections 30" Pipeline @ Halhul reservoir	3d	0%	17-Jul-15	19-Jul-15	-34d
Chambers from St. 0+000 to St. 7+190		12d		01-Jul-15	14-Jul-15	-16d
Welding flanges		11d		01-Jul-15	13-Jul-15	-23d
SHT-1450-MECH	Welding flanges for Main Connection chamber (DN 500mm, pipeline Dia 760mm, PN25)@ Sta.1+280	2d	0%	01-Jul-15	02-Jul-15	-25d
SHT-1500-MECH	Welding flanges for Al Arrub Connection chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta.2+070 LHS	2d	0%	04-Jul-15	05-Jul-15	-25d
SHT-1660-MECH	Welding flanges for Beit Ummar Connection chamber (DN 250mm, pipeline Dia 760mm, PN25)@ Sta.3+485 RHS	2d	0%	06-Jul-15	07-Jul-15	-25d
SHT-1890-MECH	Welding flanges for Beit Ummar Flow Monitoring chamber (DN 500mm, pipeline Dia 760mm, PN25) @ Sta 4+625	2d	0%	08-Jul-15	09-Jul-15	-25d
SHT-1580-MECH	Welding flanges for Washout chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.2+857	1d	0%	09-Jul-15	09-Jul-15	-23d
SHT-1960-MECH	Welding flanges for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.5+894	1d	0%	11-Jul-15	11-Jul-15	-25d
SHT-2000-MECH	Welding flanges for Karm Tzur Deir Sha'ar connection chamber (DN 75mm, pipeline Dia 760mm, PN16) @ Sta. 6+240 RHS	1d	0%	12-Jul-15	12-Jul-15	-23d
SHT-2050-MECH	Welding flanges for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.7+192 RHS	1d	0%	13-Jul-15	13-Jul-15	-23d
Mechanical fittings installation		10d		04-Jul-15	14-Jul-15	-16d
SHT-1470-MECH	Fittings installation for Main Connection chamber (DN 500mm, pipeline Dia 760mm, PN25)@ Sta.1+280	4d	0%	04-Jul-15	07-Jul-15	-10d
SHT-1530-MECH	Fittings installation for Al Arrub Connection chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta.2+070 LHS	3d	0%	06-Jul-15	08-Jul-15	-22d
SHT-1730-MECH	Fittings installation for Beit Ummar Connection chamber (DN 250mm, pipeline Dia 760mm, PN25)@ Sta.3+485 RHS	2d	0%	08-Jul-15	09-Jul-15	-23d
SHT-2080-MECH	Fittings installation for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.7+192 RHS	1d	0%	09-Jul-15	09-Jul-15	-12d
SHT-1620-MECH	Fittings installation for Washout chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.2+857	1d	0%	09-Jul-15	09-Jul-15	-12d
SHT-1910-MECH	Fittings installation for Beit Ummar Flow Monitoring chamber (DN 500mm, pipeline Dia 760mm, PN25) @ Sta 4+625	3d	0%	11-Jul-15	13-Jul-15	-19d
SHT-1980-MECH	Fittings installation for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.5+894	1d	0%	12-Jul-15	12-Jul-15	-25d
SHT-2020-MECH	Fittings installation for Karm Tzur Deir Sha'ar connection chamber (DN 75mm, pipeline Dia 760mm, PN16) @ Sta. 6+240 RHS	1d	0%	14-Jul-15	14-Jul-15	-19d
Chambers from St. 7+190 to St. 11+980		7d		14-Jul-15	25-Jul-15	-26d
Welding flanges		5d		14-Jul-15	22-Jul-15	-25d
SHT-2130-MECH	Welding flanges for Halhul connection chamber (DN 300mm, pipeline Dia 760mm, PN16) @ Sta. 8+889 RHS	1d	0%	14-Jul-15	14-Jul-15	-23d
SHT-2150-MECH	Welding flanges for Halhul Connection to Halhul existing chamber (DN 150mm, pipeline Dia 150mm, PN16)@St. 8+875	1d	0%	15-Jul-15	15-Jul-15	-23d
SHT-2330-MECH	Welding flanges for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.10+600	1d	0%	16-Jul-15	16-Jul-15	-23d
SHT-2210-MECH	Welding flanges Halhul distribution connection chamber (Kharas)-(DN200mm, pipeline Dia300mm,PN16) @ Sta.9+052	1d	0%	16-Jul-15	16-Jul-15	-23d
SHT-2390-MECH	Welding flanges for Halhul reservoir connection chamber (DN 500mm, pipeline Dia 760mm, PN16) @ St.11+850 &St.11+900	2d	0%	21-Jul-15	22-Jul-15	-27d
Mechanical fittings installation		6d		15-Jul-15	25-Jul-15	-26d
SHT-2180-MECH	Fittings installation for Halhul connection chamber (DN 300mm, pipeline Dia 760mm, PN16) @ Sta. 8+889 RHS	2d	0%	15-Jul-15	16-Jul-15	-23d
SHT-2200-MECH	Fittings installation for Halhul Connection to Halhul existing chamber (DN 150mm, pipeline Dia 150mm, PN16)@St. 8+875	1d	0%	16-Jul-15	16-Jul-15	-23d



◇ Milestone Early Bar
Actual Level of Effort
Level of Effort
Actual Work
Early Bar
Summary
◆ Milestone Actual
Critical Bar

Date	Revision	Checked	Approved
02-Jul-15			

APCO/ArCon CONSTRUCTION AND SERVICES

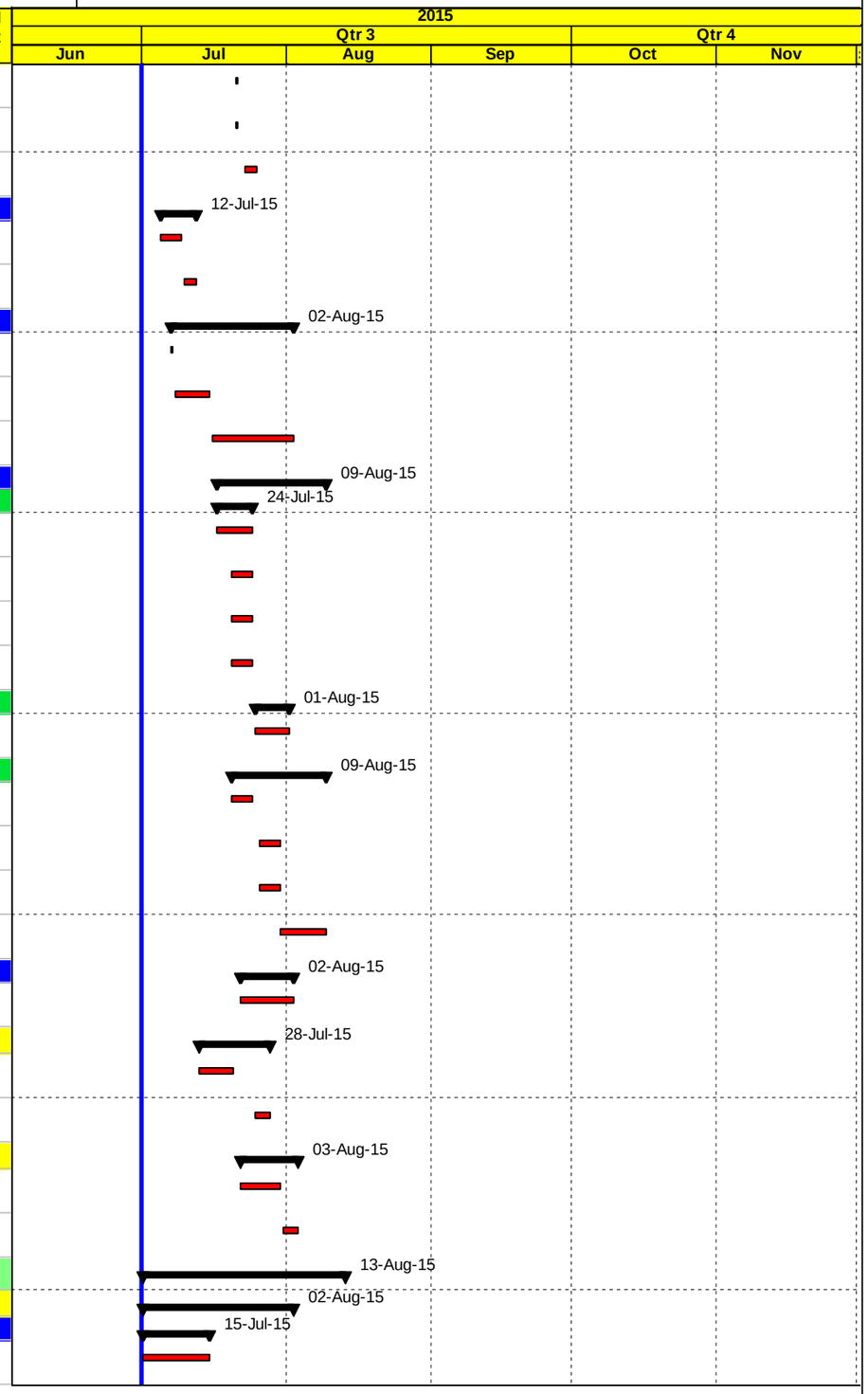
Updated Construction Program

One Month look ahead June 30, 2015

TO16

Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT-2340-MECH	Fittings installation for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.10+600	1d	0%	21-Jul-15	21-Jul-15	-23d
SHT-2240-MECH	Fittings installation for Halhul distribution connection chamber (Kharas)-(DN200mm, pipeline Dia300mm,PN16) @ Sta.9+052	1d	0%	21-Jul-15	21-Jul-15	-23d
SHT-2400-MECH	Fittings installation for Halhul reservoir connection chamber (DN 500mm,pipeline Dia 760mm, PN16) @ St.11+850 &St.11+900	2d	0%	23-Jul-15	25-Jul-15	-27d
final connection to the booster station		8d		05-Jul-15	12-Jul-15	-29d
SHT-2520-MECH	Connections 30" Pipeline a @ Gush Ezyon (installation 30" Pipeline and 20" Pipeline)	5d	0%	05-Jul-15*	09-Jul-15	-29d
SHT-2530-MECH	Mekerot connections @ Gush Ezyon pumping station (Mekerot)	3d	0%	10-Jul-15	12-Jul-15	-29d
Surge Control System		20d		07-Jul-15	02-Aug-15	-18d
SHT3465	Geotechnical testing (Report submission to CMC)	1d	0%	07-Jul-15*	07-Jul-15	-18d
SHT3475	Shop drawing Preparation	7d	0%	08-Jul-15	15-Jul-15	-18d
SHT3535	Excavation , concrete foundation and concrete walls	12d	0%	16-Jul-15	02-Aug-15	-18d
Reservoir		24d		17-Jul-15	09-Aug-15	-27d
Reservoir Yard		8d		17-Jul-15	24-Jul-15	-11d
A1020	Install 250 mm thick removable roof panels for all existing water chamber in Halhule reservoir	8d	0%	17-Jul-15	24-Jul-15	-11d
A1000	Install 2" galvanized steel handrail over the reservoir 1m height.	5d	0%	20-Jul-15	24-Jul-15	-11d
A1010	Install 600 mm dia. concrete hand-hole	5d	0%	20-Jul-15	24-Jul-15	-11d
A1030	Heavy duty frame and cover.	5d	0%	20-Jul-15	24-Jul-15	-11d
Mechanical		8d		25-Jul-15	01-Aug-15	-19d
SHT3525	Install Diesel Generator Set and DC Uninterruptable Power Supply (UPS) for Halhoul Reservoir.	8d	0%	25-Jul-15	01-Aug-15	-19d
Instrumentations at Halhoul Reservoir		21d		20-Jul-15	09-Aug-15	-32d
SHT3555	Civil works trenches	5d	0%	20-Jul-15	24-Jul-15	-34d
SHT3545	Pressure transmitter	5d	0%	26-Jul-15	30-Jul-15	-31d
SHT3500	Water meter connection chambers and flow water	5d	0%	26-Jul-15	30-Jul-15	-27d
SHT3495	Elect. Work and conrol work for Halhul Reservoir Site	8d	0%	30-Jul-15	09-Aug-15	-24d
Cathode protection		10d		22-Jul-15	02-Aug-15	-17d
SHT-2420-MECH	Installation cathode protections from St. 0+000 to St. 2+700 & St. 4+625 to St. 7+190	10d	0%	22-Jul-15*	02-Aug-15	-17d
Pressure Testing		16d		13-Jul-15	28-Jul-15	-33d
SHT3570	Flushing and Pressure Testing From St. 0+000 to St. 7+190	8d	0%	13-Jul-15	20-Jul-15	-29d
SHT3580	Flushing and Pressure Testing From St. 12+000 to St. 7+190	4d	0%	25-Jul-15	28-Jul-15	-33d
Final Disinfection		13d		22-Jul-15	03-Aug-15	-29d
SHT3520	Final Disinfection For main Pipeline From St. 0+000 to St. 7+190	8d	0%	22-Jul-15	30-Jul-15	-19d
SHT3590	Final Disinfection For main Pipeline From St. 12+000 to St. 7+190	4d	0%	31-Jul-15	03-Aug-15	-35d
Road Scope of Work		44d		01-Jul-15	13-Aug-15	-31d
Main Road		33d		01-Jul-15	02-Aug-15	-20d
Concrete Wall		15d		01-Jul-15	15-Jul-15	-2d
SHT3040	Concrete Wall for Retaining Wall from Sta.3+630- Sta.3+680 LHS	15d	0%	01-Jul-15	15-Jul-15	-2d



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Milestone Actual
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Deir Sha'aar Main Pipeline Project

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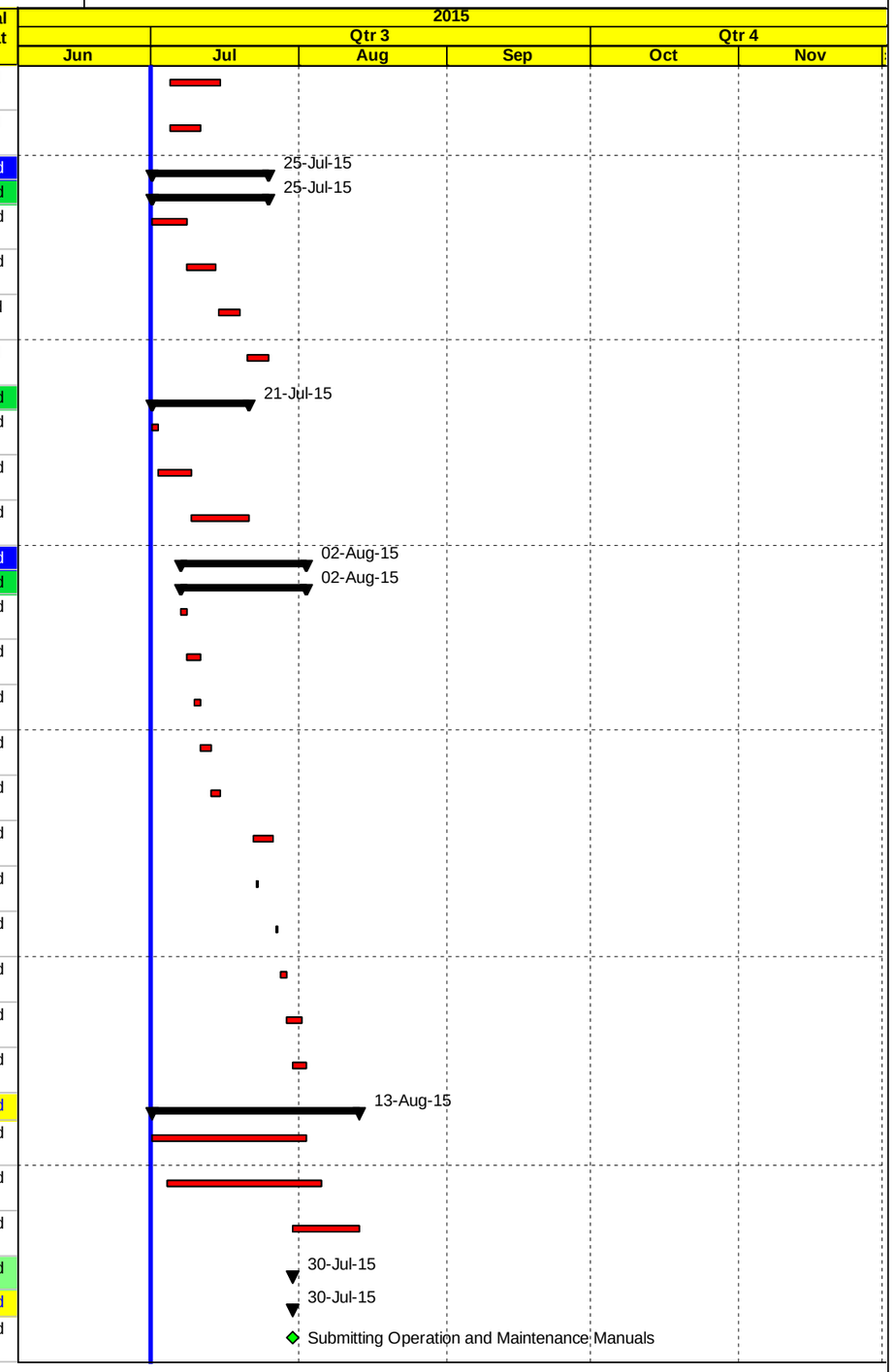
SHT1145	Boundary Wall from Sta.6+840 to Sta.6+971 RHS	10d	0%	05-Jul-15	15-Jul-15	-2d
SHT3180	Finishing Reinforced concrete for side walks from St. 6+824 to st. 7+515	7d	0%	05-Jul-15	11-Jul-15	-3d
Base Course		25d		01-Jul-15	25-Jul-15	-12d
Crew #1		25d		01-Jul-15	25-Jul-15	-12d
SHT3080	Finish 20cm base course layer from St. 3+030 To St. 3+780	8d	0%	01-Jul-15	08-Jul-15	-24d
SHT2300	Finish Sub grade & 20 cm base course layer 4+640-5+300	5d	0%	08-Jul-15	14-Jul-15	-10d
SHT2400	Finish 20 cm base course layer from St. 5+300 To St. 5+837	5d	0%	15-Jul-15	19-Jul-15	-11d
SHT3941	Final Finish Sub grade & 20 cm base course layer from St. 5+837 to St. 6+000	4d	0%	21-Jul-15	25-Jul-15	-7d
Crew #2		21d		01-Jul-15	21-Jul-15	-21d
SHT3030	Finish Sub grade & 15 cm thick base course layer from St. 10+560 to St. 10+640	2d	0%	01-Jul-15	02-Jul-15	-20d
SHT2490	Finish Sub grade & 15 cm thick base course layer from St. 10+900 -10+980 & 20cm thick from St. 10+980 -11+500	6d	0%	02-Jul-15	09-Jul-15	-15d
SHT3970	Finish Sub grade & 20 cm thick base course layer from St. 11+500 to St. 11+900	7d	0%	09-Jul-15	21-Jul-15	-15d
Asphalt		27d		07-Jul-15	02-Aug-15	-31d
Main Pipeline		27d		07-Jul-15	02-Aug-15	-31d
SHT4100	5 cm asphalt wearing couse including prime coat From St. 9+640 to St. 9+880	2d	0%	07-Jul-15*	08-Jul-15	-28d
SHT2690	5 cm asphalt wearing couse including prime coat 9+880 to St. 10+460	2d	0%	08-Jul-15	11-Jul-15	-24d
SHT3090	5 cm asphalt wearing course including prime coat from St. 10+460 to St. 10+560 & 10+640 to St. 10+900	2d	0%	10-Jul-15	11-Jul-15	-27d
SHT2040	7 cm asphalt wearing course including prime coat from St. 3+030 To St. 3+780	2d	0%	11-Jul-15	13-Jul-15	-23d
SHT3380	5 cm asphalt wearing course including prime coat 6+400 to st. 6+824	2d	0%	13-Jul-15	15-Jul-15	-23d
SHT3290	5 cm asphalt wearing course including tack coat LHS &RHS from St. 6+824 to st. 7+515	3d	0%	22-Jul-15	26-Jul-15	-23d
SHT4083	Milling from St. 7+935 to St. 8+230	1d	0%	23-Jul-15	23-Jul-15	-27d
SHT4089	5 cm asphalt wearing course including tack coat from St. 7+935 to St. 8+230	1d	0%	27-Jul-15	27-Jul-15	-30d
SHT4150-new	5 cm asphalt wearing course including tack coat from St. 8+230 to St. 8+570	2d	0%	28-Jul-15	29-Jul-15	-30d
SHT2500	5 cm asphalt wearing course including prime coat From St. 10+900 to st. 11+500	2d	0%	29-Jul-15	01-Aug-15	-23d
SHT4070	5 cm asphalt wearing course including prime coat from St. 11+500 to St. 11+900	2d	0%	30-Jul-15	02-Aug-15	-23d
Concrete and Road Finishing work		35d		01-Jul-15	13-Aug-15	-24d
SHT3262	Stone Wall Phase two	25d	0%	01-Jul-15	02-Aug-15	-20d
SHT3540	Construct concrete protection and ditch work	25d	0%	04-Jul-15	05-Aug-15	-17d
SHT3560	Guard rail, traffic signs , Road furnishing	12d	0%	30-Jul-15	13-Aug-15	-24d
Post Construction Phase		0d		30-Jul-15	30-Jul-15	-24d
Post Construction Submittals		0d		30-Jul-15	30-Jul-15	-24d
SHT3690	Submitting Operation and Maintenance Manuals	0d	0%	30-Jul-15		-24d



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Construction Program
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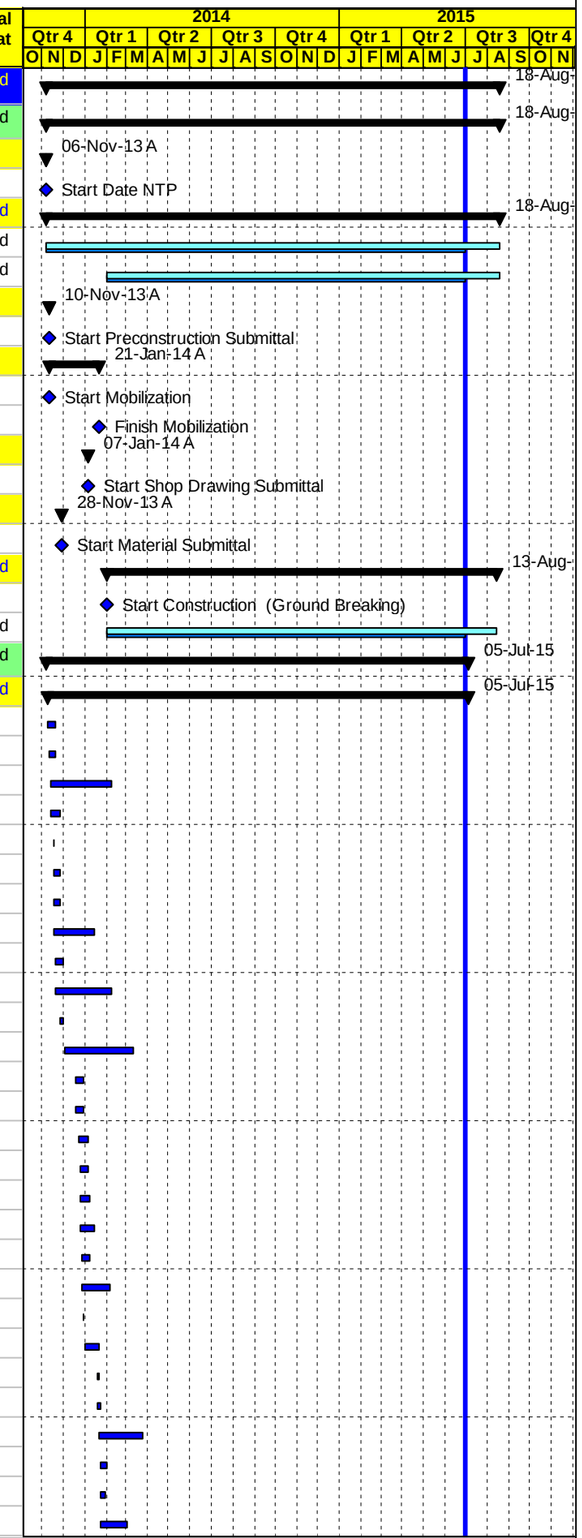
TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
Deir Sha'aar Main Pipeline Project		628d		06-Nov-13 A	18-Aug-15	-35d
Milestones		555d		06-Nov-13 A	18-Aug-15	-35d
General Milestones		0d		06-Nov-13 A	06-Nov-13 A	
SHT0010	Start Date NTP	0d	100%	06-Nov-13 A		
Task order Duration		555d		06-Nov-13 A	18-Aug-15	-35d
SHT0030	Project Duration (Calendar Days)	550d	91.11%	06-Nov-13 A	18-Aug-15	-35d
SHT0040	Project Duration (Working Days)	425d	90.84%	01-Feb-14 A	18-Aug-15	-27d
Pre Construction Milestones		0d		10-Nov-13 A	10-Nov-13 A	
SHT0050	Start Preconstruction Submittal	0d	100%	10-Nov-13 A		
Mobilization Milestones		24d		10-Nov-13 A	21-Jan-14 A	
SHT0065	Start Mobilization	0d	100%	10-Nov-13 A		
SHT0070	Finish Mobilization	0d	100%		21-Jan-14 A	
Shop Drawing Milestones		0d		07-Jan-14 A	07-Jan-14 A	
SHT0075	Start Shop Drawing Submittal	0d	100%	07-Jan-14 A		
Material Milestones		0d		28-Nov-13 A	28-Nov-13 A	
SHT0090	Start Material Submittal	0d	100%	28-Nov-13 A		
Construction Milestones		322d		01-Feb-14 A	13-Aug-15	-24d
SHT1100	Start Construction (Ground Breaking)	0d	100%	01-Feb-14 A		
SHT1105	Construction Duration (Working Days)	322d	89.17%	01-Feb-14 A	13-Aug-15	-24d
Pre Construction Phase		547d		06-Nov-13 A	05-Jul-15	-22d
Pre Construction Submittals		543d		10-Nov-13 A	05-Jul-15	-22d
SHT0120	Scheduling Qualification Submittals	10d	100%	10-Nov-13 A	20-Nov-13 A	
SHT0114	Bank Guarantee Certificates	10d	100%	10-Nov-13 A	20-Nov-13 A	
SHT0118	Field Offices Furniture & Equipment Plan	10d	100%	13-Nov-13 A	09-Feb-14 A	
SHT0116	Field Offices Location & Layout	10d	100%	13-Nov-13 A	27-Nov-13 A	
SHT0136	Temporary and Permanent Project Sign Plan	10d	100%	17-Nov-13 A	19-Nov-13 A	
SHT0138	60-Day Plan of Operation	10d	100%	17-Nov-13 A	27-Nov-13 A	
SHT0140	Project Overview Bar Chart	10d	100%	17-Nov-13 A	27-Nov-13 A	
SHT0122	Submittals Schedule	10d	100%	17-Nov-13 A	16-Jan-14 A	
SHT0124	Testing Lab	10d	100%	20-Nov-13 A	01-Dec-13 A	
SHT0134	Existing Survey Plan from Sta.0+000 to Sta.2+700	10d	100%	21-Nov-13 A	09-Feb-14 A	
SHT0146	Coordination with local Authorities Plan including list of permits & and licenses	10d	100%	26-Nov-13 A	01-Dec-13 A	
SHT0150	CPM-Construction Schedule and S-Curve	10d	100%	03-Dec-13 A	11-Mar-14 A	
SHT0134-new	Survey Plan from Sta.2+700 to Sta.6+000	10d	100%	19-Dec-13 A	31-Dec-13 A	
SHT0135-new	Survey Plan from Sta.6+000 to Sta.7+650	10d	100%	19-Dec-13 A	31-Dec-13 A	
SHT0128	Insurances	10d	100%	23-Dec-13 A	07-Jan-14 A	
SHT0152	USAID Branding Plan	10d	100%	25-Dec-13 A	07-Jan-14 A	
SHT0143	QCP-Quality Control Program (QC/QA PLAN)	10d	100%	25-Dec-13 A	08-Jan-14 A	
SHT0142	Safety Plan	10d	100%	25-Dec-13 A	14-Jan-14 A	
SHT0144-new	Traffic Control Plan from Sta.7+090 to Sta.7+500 LHS	5d	100%	29-Dec-13 A	08-Jan-14 A	
SHT0144	Method Statement including asphalt disposal,pipeline install,formworks,curing,storm sys., paint curb., patching &R. mark	10d	100%	29-Dec-13 A	06-Feb-14 A	
SHT0126	Key Personnel Plan	10d	100%	30-Dec-13 A	31-Dec-13 A	
SHT0155	Dilapidation Survey/Phase 01- From St. 0+700 to St. 4+400 and From St. 6+230 to St. 11+460	10d	100%	02-Jan-14 A	22-Jan-14 A	
SHT0155-new	Dilapidation Survey - Phase 02- From St. 0+000 to St.0+700 and From St. 4+400 to St. 6+200.	10d	100%	20-Jan-14 A	22-Jan-14 A	
SHT0148	Proposed Staging and Storage area location	10d	100%	20-Jan-14 A	23-Jan-14 A	
SHT0163	Welding procedure	10d	100%	22-Jan-14 A	26-Mar-14 A	
SHT0157	Environmental Mitigation Plan	10d	100%	23-Jan-14 A	02-Feb-14 A	
SHT0156	Risk Management Program - Phase 01- From St. 0+000 to St.2+700 and From St. 6+800 to St. 7+515	10d	100%	23-Jan-14 A	30-Jan-14 A	
SHT0158	Traffic Control Plan from Sta.0+000 to Sta.2+374 -Deir Sha'ar distribution pipeline 8" pipe in Beit Ummer town	10d	100%	23-Jan-14 A	02-Mar-14 A	



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar

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APCO ArCon CONSTRUCTION AND SERVICES

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TO16
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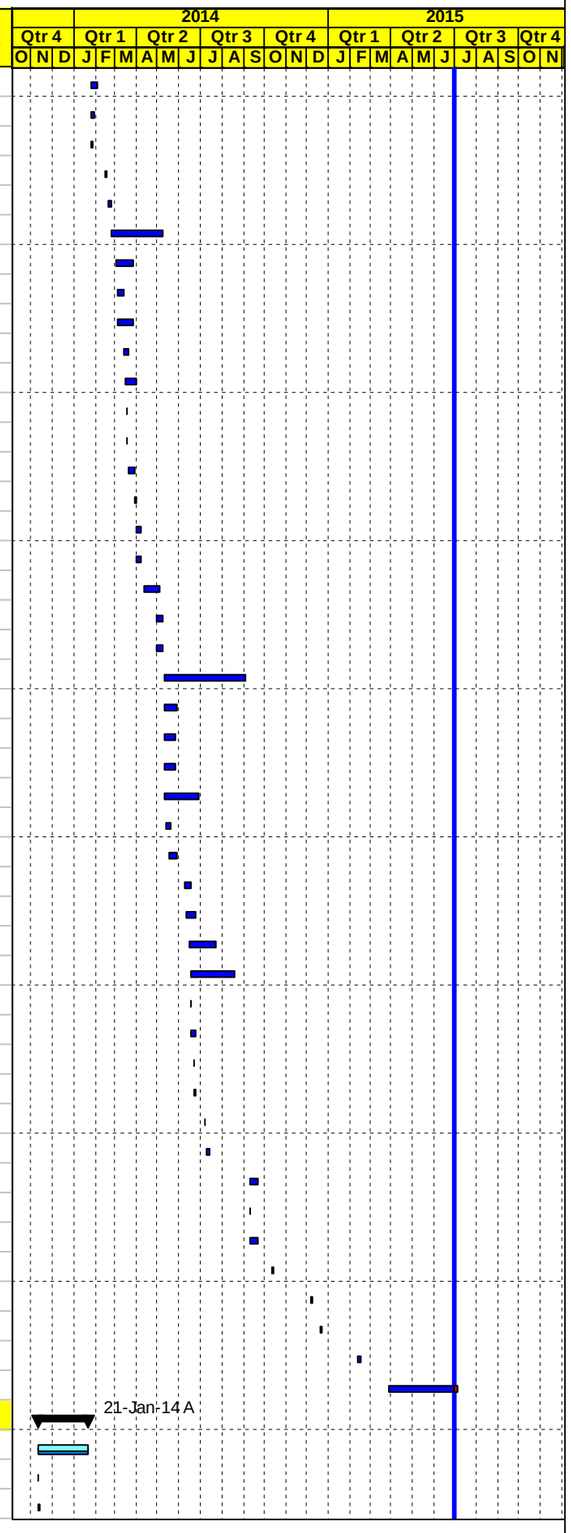
SHT0136-new	Survey Plan from Sta.7+093 to Sta.7+220	10d	100%	26-Jan-14 A	03-Feb-14 A	
SHT0157-new	Proposed Dumping area	10d	100%	26-Jan-14 A	30-Jan-14 A	
SHT0162	Public relation plan	10d	100%	27-Jan-14 A	29-Jan-14 A	
SHT0160	Trench safety plan	10d	100%	16-Feb-14 A	17-Feb-14 A	
SHT0164-new	3 inch Procedure Qualification Record (PQR)	10d	100%	20-Feb-14 A	24-Feb-14 A	
SHT0159-new	Traffic Control Plan -Phase I -from Sta.0+000 to Sta.2+800-Deir Sha'ar Water Transmission Project	10d	100%	24-Feb-14 A	08-May-14 A	
SHT0200-new	Radiographic Testing Safety Plan	10d	100%	03-Mar-14 A	27-Mar-14 A	
SHT0165	Welders Qualifications (Certificate for Welder Fadi Shuebeha)	10d	100%	05-Mar-14 A	13-Mar-14 A	
SHT0166-new	8"-12" Procedure Qualification Record (PQR)	10d	100%	05-Mar-14 A	27-Mar-14 A	
SHT0203-new	Radiographic Testing (RT) Method Statement	10d	100%	15-Mar-14 A	20-Mar-14 A	
SHT0138-new	Specific Method Statement -3" To 12" Pipeline Installation ,welding procedure and Testing	10d	100%	16-Mar-14 A	02-Apr-14 A	
SHT0168-new	Dilapidation Survey -Beit Ummar 8" Network	10d	100%	18-Mar-14 A	19-Mar-14 A	
SHT0196-new	Risk Management Program - Beit Ummar 8" Network	10d	100%	18-Mar-14 A	19-Mar-14 A	
SHT0167-new	Survey Plan from Sta.0+000 to Sta.1+225-Al Aroub Road	10d	100%	20-Mar-14 A	30-Mar-14 A	
SHT0197-new	Dilapidation Survey -Al-Aroub Connection 4" & 6"	10d	100%	30-Mar-14 A	02-Apr-14 A	
SHT0198-new	Risk Management Program -Al-Aroub Connection 4" & 6"	10d	100%	31-Mar-14 A	08-Apr-14 A	
SHT0199-new	8" Water steel pipe work installation -Method of Statement	10d	100%	31-Mar-14 A	08-Apr-14 A	
SHT0137-new	Survey Plan from Sta. 9+890 to Sta. 11+463	10d	100%	13-Apr-14 A	05-May-14 A	
SHT0201-new	Survey Plan from Sta. 7+650 to Sta. 9+890	5d	100%	29-Apr-14 A	08-May-14 A	
SHT0209-new	Revised Survey Plan from Sta. 4+200 to Sta. 5+700	10d	100%	30-Apr-14 A	08-May-14 A	
SHT0202-new	Specific Method Statement -Testing (Hydrostatic, Disinfection /Flushing) -760 mm steel pipe Sch 20 /WT 12.7 mm	10d	100%	11-May-14 A	04-Sep-14 A	
SHT0204-new	30 inch Pipeline Entry -Safety Method Statement (Confined Space)	10d	100%	11-May-14 A	29-May-14 A	
SHT0207-new	Internal Cement Lining Repair Method Statement	10d	100%	11-May-14 A	26-May-14 A	
SHT0208-new	Mortar Fill after welding / layback Space closure Method Statement	10d	100%	11-May-14 A	26-May-14 A	
SHT0206-new	Pipes Loading & Unloading -Specific Method Statement	10d	100%	11-May-14 A	29-Jun-14 A	
SHT0178-new	Traffic Control Plan from Sta.6+800 to Sta.7+500	10d	100%	13-May-14 A	20-May-14 A	
SHT0177-new	30 inch Pipe Welding Procedure Qualification Record	10d	100%	18-May-14 A	28-May-14 A	
SHT0180-new	Risk Management Program –Phase 02 from Sta.2+800 to Sta.6+800 and from Sta. 7 +515 to the End of the Project	10d	100%	10-Jun-14 A	17-Jun-14 A	
SHT0185-new	Specific Method Statement - 30" pipe installation 0+000 - 1+200	10d	100%	11-Jun-14 A	24-Jun-14 A	
SHT0190-new	Ultrasonic Weld Inspection Procedure 12" -30" Pipe line welds	10d	100%	15-Jun-14 A	23-Jul-14 A	
SHT0195-new	Traffic Control Plan from Sta.0+000 to Sta.1+350 -Halhul Water Distribution Network -Shahera Water Pipeline	10d	100%	18-Jun-14 A	20-Aug-14 A	
SHT0220-new	Traffic Control Plan from Sta.0+000 to Sta.1+110 -Halhul Water Distribution Network -Zaboud Water Pipeline	10d	100%	18-Jun-14 A	19-Jun-14 A	
SHT0225-new	Dilapidation Survey- 8" Halhul Network (Zaboud)	10d	100%	19-Jun-14 A	25-Jun-14 A	
SHT0300-new	Qualified Welder Resume and Certificates (Jihad Ghatasheh)	10d	100%	22-Jun-14 A	22-Jun-14 A	
SHT0310-new	Risk Management Program - 8" Halhul Network (Zaboud)	10d	100%	22-Jun-14 A	25-Jun-14 A	
SHT0325-new	Traffic Control Plan for Al Arrub Water Networks	10d	100%	08-Jul-14 A	09-Jul-14 A	
SHT0326-new	Traffic Control Plan for Al Nabi Younes Intersection	10d	100%	10-Jul-14 A	15-Jul-14 A	
SHT0327-new	Traffic Control Plan for Al Nabi Younes Intersection 6" & 8" from Sta.0+000 to Sta.1+300	10d	100%	11-Sep-14 A	22-Sep-14 A	
SHT0328-new	Traffic Control Plan from Sta.7+500 to Sta.9+100	10d	100%	11-Sep-14 A	11-Sep-14 A	
SHT0329-new	Traffic Control Plan from Sta.4+220 to Sta.5+500	10d	100%	11-Sep-14 A	22-Sep-14 A	
SHT0332-new	Traffic Control Plan from Sta.2+800 to Sta.4+200 –Beit Ummar -30" Main Pipeline	10d	100%	13-Oct-14 A	15-Oct-14 A	
SHT0345-new	Risk Management Program for Al Ramooz -Al Nabi Younis 4" Network	10d	100%	08-Dec-14 A	09-Dec-14 A	
SHT0350-new	A second third party source for Radiography and ultrasound testing	10d	100%	21-Dec-14 A	22-Dec-14 A	
SHT0360-new	Traffic Control Plan from Sta.9+400 to Sta. 12+007	10d	100%	11-Feb-15 A	16-Feb-15 A	
SHT0362-new	Specific Plan for Testing (Hydrostatic, Disinfection / Flushing) -30" Main Pipeline from Sta.0+000 to Sta.12+000	10d	50%	29-Mar-15 A	05-Jul-15	-22d
Mobilization		24d		11-Nov-13 A	21-Jan-14 A	
SHT0168	Mobilization Total Cost (4.0%)	24d	100%	11-Nov-13 A	21-Jan-14 A	
SHT0170	Site Hand Over	1d	100%	11-Nov-13 A	11-Nov-13 A	
SHT0172	Checking With CMC Existing-Bench Marks, Survey Control Points	2d	100%	11-Nov-13 A	12-Nov-13 A	



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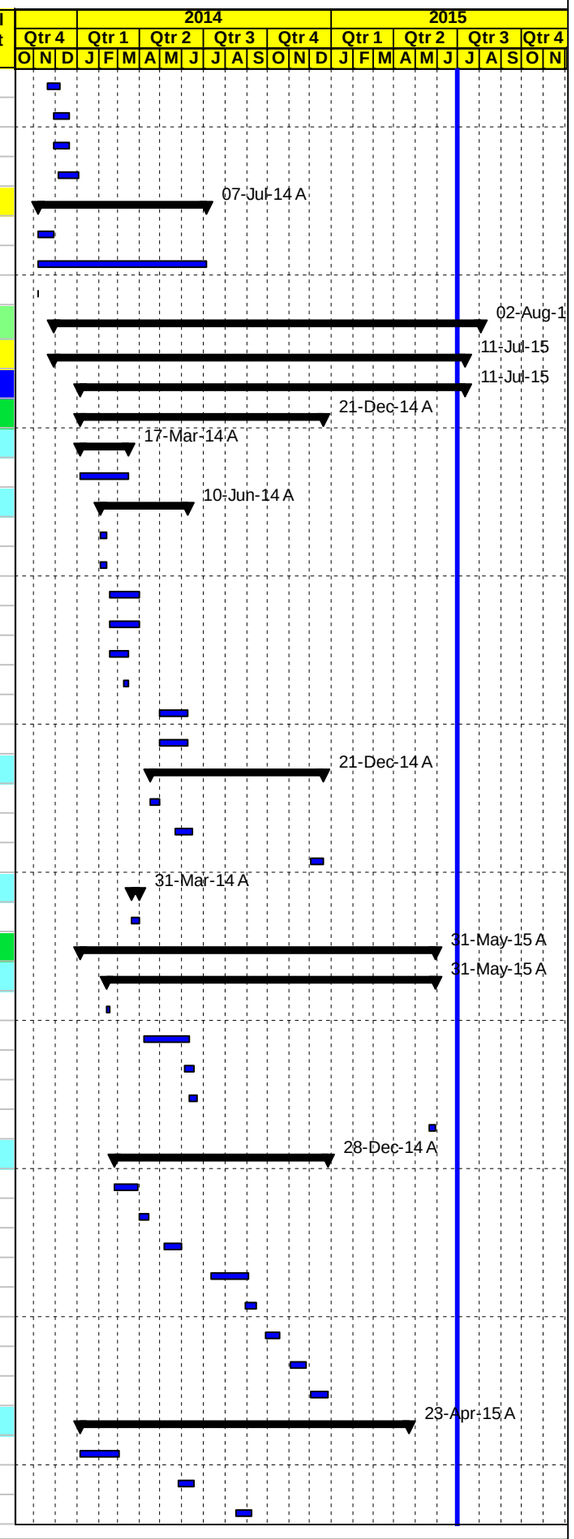
Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT0174	Start Preparation Construction Submittals (Survey plan , Shop Drawings & Materials)	15d	100%	19-Nov-13 A	08-Dec-13 A	
SHT0176	Supply and install Office Furniture's and Supplies	5d	100%	30-Nov-13 A	22-Dec-13 A	
SHT0178	Supply and install Office IT Equipments & Applience	5d	100%	30-Nov-13 A	22-Dec-13 A	
SHT0180	Install Temporary Project Sign	1d	100%	04-Dec-13 A	04-Jan-14 A	
Conformed Drawings and Coordination		40d		06-Nov-13 A	07-Jul-14 A	
SHT0286	Coordination with local Authorities before Construction Project	40d	100%	06-Nov-13 A	30-Nov-13 A	
SHT0266	Coordination with Israeli authorities for approval and permit area C	40d	100%	06-Nov-13 A	07-Jul-14 A	
SHT0106	Final for Construction Drawing (Conformed)	1d	100%	06-Nov-13 A	06-Nov-13 A	
Construction Phase		628d		28-Nov-13 A	02-Aug-15	-31d
Construction Submittals		593d		28-Nov-13 A	11-Jul-15	-24d
Shop Drawing Submittals		593d		07-Jan-14 A	11-Jul-15	-24d
Plan Profile and Cross Sections		302d		07-Jan-14 A	21-Dec-14 A	
Plan Profile and Cross Sections From St.7+515 to 6+840 Phase One		21d		07-Jan-14 A	17-Mar-14 A	
SHT0188	From St.7+515 to 6+840	21d	100%	07-Jan-14 A	17-Mar-14 A	
Plan Profile and Cross Sections from St. 0+000 to 5+980 Phase Three		144d		03-Feb-14 A	10-Jun-14 A	
SHT0192	From St.0+630 to 1+200	21d	100%	03-Feb-14 A	13-Feb-14 A	
SHT0190	From St.0+000 to 0+630	21d	100%	03-Feb-14 A	13-Feb-14 A	
SHT0200	From St.3+030 to 3+780	21d	100%	17-Feb-14 A	31-Mar-14 A	
SHT0198	From St. 2+780 to 3+030	21d	100%	17-Feb-14 A	31-Mar-14 A	
SHT0202	From St. 3+780 to 3+900	21d	100%	17-Feb-14 A	17-Mar-14 A	
SHT0194	From St.1+200 to 2+780	21d	100%	09-Mar-14 A	17-Mar-14 A	
SHT0206	From St.4+950 to 6+000	21d	100%	30-Apr-14 A	09-Jun-14 A	
SHT0204	From St. 3+900 to 4+950	21d	100%	30-Apr-14 A	10-Jun-14 A	
Plan Profile and Cross Sections from St. 12+000 to 7+515 & 6+840 to 5+980 Phase Four		201d		17-Apr-14 A	21-Dec-14 A	
SHT0210	From St. 11+460 to 09+890 old	21d	100%	17-Apr-14 A	30-Apr-14 A	
SHT0217	Milling and Overlay from Sta.7+515 to Sta.9+880	21d	100%	22-May-14 A	15-Jun-14 A	
SHT0218	From St.6+850 to 6+150	21d	100%	02-Dec-14 A	21-Dec-14 A	
Plan Profile and Cross Sections Networks		21d		20-Mar-14 A	31-Mar-14 A	
SHT0219-new	from Sta.0+000 to Sta.1+225-Al Aroub Road	21d	100%	20-Mar-14 A	31-Mar-14 A	
Pipeline		547d		07-Jan-14 A	31-May-15 A	
Waterline Beit Ummar, Al Arrub-Beit Ummar & Halhul Networks		547d		12-Feb-14 A	31-May-15 A	
SHT0220	Beit Ummar Water Distribution network From Sta. 0+000 to Sta. 2+295	21d	100%	12-Feb-14 A	18-Feb-14 A	
SHT0221	Al Arrub-Beit Ummar Water Distribution network From Sta. 0+000 to Sta. 1+218	21d	100%	07-Apr-14 A	11-Jun-14 A	
SHT0222	Zaboud Water Pipeline-Halhul Distribution Network from Sta.0+000 to Sta.1+110	21d	100%	04-Jun-14 A	17-Jun-14 A	
SHT0226-new	Water Distribution Network -Shahera Water Pipeline from Sta.0+000 to Sta.1+350-Halhul	21d	100%	11-Jun-14 A	22-Jun-14 A	
A1040	Water: 3" Pipeline from St. 9+675 to St. 9+931 and from St. 9+980 to St. 10+457	21d	100%	21-May-15 A	31-May-15 A	
Waterline from St. 0+000 to 6+000		296d		24-Feb-14 A	28-Dec-14 A	
SHT0224	Waterline From St.0+000 to 1+200	21d	100%	24-Feb-14 A	30-Mar-14 A	
SHT0228	Waterline From St.1+200 to 2+780	21d	100%	02-Apr-14 A	14-Apr-14 A	
SHT0232	Waterline From St. 2+780 to 3+900	21d	100%	07-May-14 A	01-Jun-14 A	
SHT0238	Waterline From St. 3+900 to 4+950	21d	100%	13-Jul-14 A	04-Sep-14 A	
SHT0240	Waterline From St. 4+950 to 6+000	21d	100%	31-Aug-14 A	15-Sep-14 A	
SHT0250-new	Waterline from Sta.0+100 to Sta.0+725 -Al Nabi Younis Water Pipeline (8")	21d	100%	29-Sep-14 A	20-Oct-14 A	
SHT0255-new	Waterline from Sta.0+000 to Sta.0+810 - Al Nabi Younis Water Pipeline (6")	21d	100%	03-Nov-14 A	27-Nov-14 A	
SHT0260-new	Waterline 3" from Sta.0+000 to Sta.0+385 -Al Hawawer Water Pipeline	21d	100%	03-Dec-14 A	28-Dec-14 A	
Waterline from St. 12+000 to 6+000		236d		07-Jan-14 A	23-Apr-15 A	
SHT0254	Waterline From St.7+515 to 6+840	21d	100%	07-Jan-14 A	03-Mar-14 A	
SHT0252	Waterline:Typical Section from Sta.8+700 to Sta.9+300	21d	100%	26-May-14 A	19-Jun-14 A	
SHT0268-new	Waterline from Sta.9+090 to Sta.9+450 - New Alignment for water pipe line	21d	100%	17-Aug-14 A	09-Sep-14 A	



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar

Date	Revision	Checked	Approved
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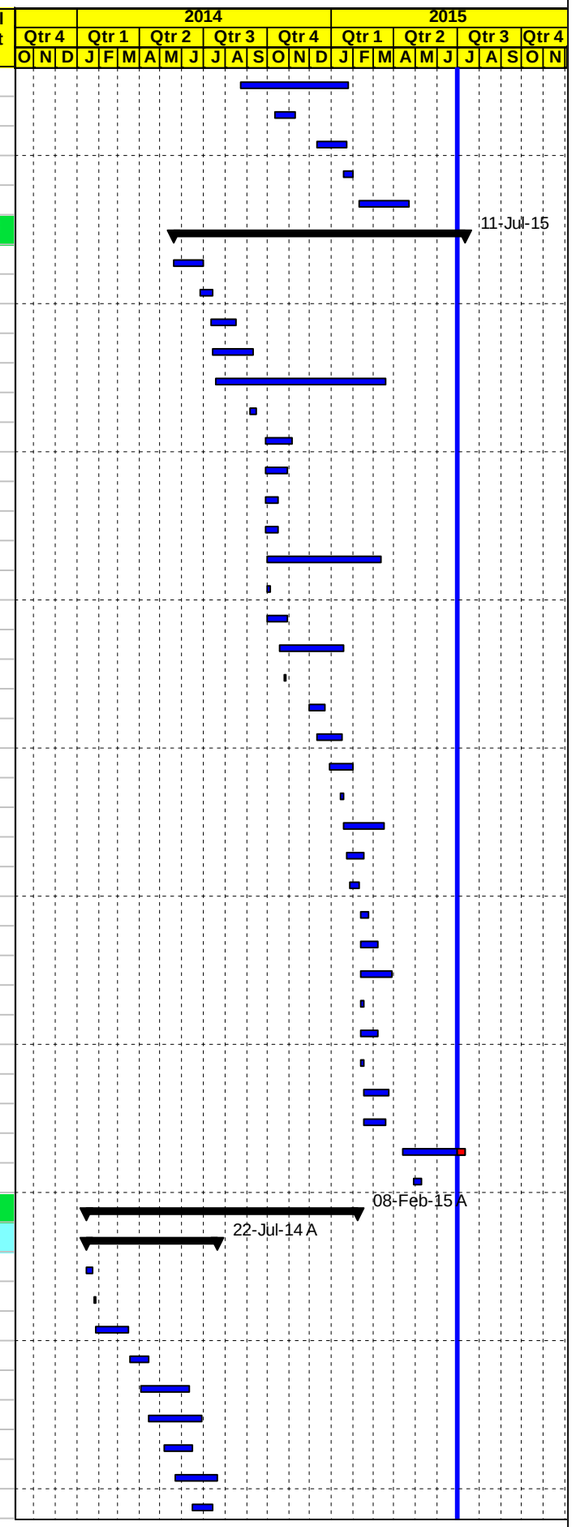
APCO/ArCon CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT0256	Waterline From St.7+500 to 8+700	21d	100%	24-Aug-14 A	25-Jan-15 A	
SHT0258	Waterline From St. 6+780 to 6+000	21d	100%	12-Oct-14 A	11-Nov-14 A	
SHT0244	Waterline From Sta. 9+415 to Sta.10+730	21d	100%	11-Dec-14 A	22-Jan-15 A	
SHT0264	Waterline From Sta. 10+730 to Sta.11+610	21d	100%	18-Jan-15 A	01-Feb-15 A	
SHT0274	Waterline From Sta. 11+610 to Sta.12+010	21d	100%	09-Feb-15 A	23-Apr-15 A	
Connection and Valves Chambers		363d		21-May-14 A	11-Jul-15	-24d
SHT0259-new	Structural and Mechanical Detail for valve chambers for 8" Beit Ummar Internal Network Water Pipeline	21d	100%	21-May-14 A	02-Jul-14 A	
SHT0227-new	Structural and Mechanical Detail for valve chambers for 8" Zaboud Internal Network Water Pipeline	21d	100%	26-Jun-14 A	15-Jul-14 A	
SHT0276	Halhul distribution connection chamber (Kharas junction) @ Sta.9+070 RHS	21d	100%	13-Jul-14 A	18-Aug-14 A	
SHT0269-new	Structural and Mechanical Detail for wash out Chamber at Sta.0+620 & ARV Valve Chamber @ Sta.0+743	21d	100%	14-Jul-14 A	11-Sep-14 A	
SHT0259	Structural and Mechanical detail For wash out Chamber For 30"*10" at St .7+223& Wash out chamb For 6"*3" at St.7+230	21d	100%	20-Jul-14 A	19-Mar-15 A	
SHT0277-new	Structural and Mechanical Detail for Washout at Sta.1+530 and Washout at Sta.2+230 & ARV Valve at Sta.1+942	21d	100%	07-Sep-14 A	15-Sep-14 A	
SHT3855-new	Structural&Mechanical detail For ARV Chamber@St.2+782& ARV Chamber@St.3+303& ARV Chamber@St.3+745&WO Chamber(	21d	100%	28-Sep-14 A	05-Nov-14 A	
SHT3860-new	Structural and Mechanical detail For ALAROUB CAMP Connection @ Sta.0+020	21d	100%	28-Sep-14 A	29-Oct-14 A	
SHT3865-new	Structural&Mechanical Detail For AlAROUB-75mm WO@St.0+537&50mmWO@St.0+540&100mm GV@St.0+710	21d	100%	28-Sep-14 A	16-Oct-14 A	
SHT3870-new	Structural & Mechanical Detail For AlAROUB- Gate Valve @ Sta.0+584&Gate Valve @ Sta.1+214	21d	100%	28-Sep-14 A	16-Oct-14 A	
SHT3875-new	Structural & Mechanical Detail For Washout@Sta.5+894&Washout@Sta.7+192 &Washout @ Sta.10+600	21d	100%	30-Sep-14 A	12-Mar-15 A	
SHT0289	Structural & Mechanical for ARV at4+082 ,W.O at Sta.4+593 , ARV.4+991 , ARV 5+607 , ARV 6+040 & ARV 6+600	21d	100%	02-Oct-14 A	05-Oct-14 A	
SHT0281	Structural and Mechanical Detail for Beit Ummar Connection Chamber at Sta.3+485	21d	100%	02-Oct-14 A	29-Oct-14 A	
SHT0279	Structural and Mechanical Detail for Beit Ummar Flow Monitoring Chamber at Sta.4+625	21d	100%	20-Oct-14 A	19-Jan-15 A	
SHT0267	Structural and Mechanical detail For Deir Sha'ar Connection Chamber @ Sta.1+280	21d	100%	26-Oct-14 A	28-Oct-14 A	
SHT0280-new	Structural &Mech detail for 6" ARV Chamber at St.8+400, 6" ARV Chamber at St.8+878 &10" ARV Chamber at Sta.9+210	21d	100%	30-Nov-14 A	22-Dec-14 A	
SHT0273	Beit Ummar Connection & Washout at Sta.2+290 –and Al Aroub Connection at Sta.0+204	21d	100%	11-Dec-14 A	17-Jan-15 A	
SHT0287	Structural and Mechanical Detail for Karmi Tzure Connection Chamber at Sta.6+240	21d	100%	29-Dec-14 A	02-Feb-15 A	
SHT0297	Structural and Mechanical Detail for 100mm G.V at Sta.6+820 , 75mm ARV at Sta.8+397 and 75mm ARV at Sta.9+210	21d	100%	14-Jan-15 A	18-Jan-15 A	
SHT0278	Structural and Mechanical detail for Halhul Main Connection Chamber and Halhul Connection to Existing at Sta.8+890	21d	100%	18-Jan-15 A	18-Mar-15 A	
SHT0265-new	Structural and Mechanical detail for Halhul Reservoir Flow Monitoring Chamber at Sta.11+900	21d	100%	22-Jan-15 A	16-Feb-15 A	
SHT0280	Structural and Mechanical 10" Indirect WO at St.9+600, 6" Indirect ARV at St.9+680 and 6" Indirect ARV at St. 10+460	21d	100%	28-Jan-15 A	09-Feb-15 A	
SHT0290	Structural and Mechanical Detail for Connection to Existing for Shahera Sta.1+111	21d	100%	11-Feb-15 A	23-Feb-15 A	
SHT4090	Structural and Mechanical Detail for Al Nabi Younis Gate Valve and Washout at Sta. 0+815	21d	100%	11-Feb-15 A	08-Mar-15 A	
SHT4110	Structural and Mechanical Detail for Zaboud Connection to existing @ Sta. 1+113	21d	100%	11-Feb-15 A	29-Mar-15 A	
SHT4130-new	Structural and Mechanical Detail for Al Nabi Younis Connection to Existing at Sta.0+780	21d	100%	11-Feb-15 A	16-Feb-15 A	
SHT0266-new	Structural and Mechanical Detail for Al Nabi Younis Connection to Existing at Sta.0+000	21d	100%	11-Feb-15 A	08-Mar-15 A	
SHT4120-new	Structural and Mechanical Detail for 75mm Washout at Shahera Sta.0+557	21d	100%	11-Feb-15 A	16-Feb-15 A	
SHT0300	Structural and Mechanical detail for: 6" Indirect ARV at Sta.11+210 and 10" Indirect W.O. at Sta.11+390	21d	100%	17-Feb-15 A	24-Mar-15 A	
SHT0270	Structural and Mechanical Detail for Halhul Reservoir Connection at Sta.11+850	21d	100%	17-Feb-15 A	19-Mar-15 A	
SHT0298	Mechanical Details for the 30" pipes connection at Halhul reservoir at St. 11+993	21d	50%	14-Apr-15 A	11-Jul-15	-24d
SHT0288	30" Pipe Connection & Bladder Tank Enclosure at Gush Ezyon- (MEKOROT Pumping Station) Including manufacturer structural	21d	100%	29-Apr-15 A	11-May-15 A	
Concrete walls		354d		16-Jan-14 A	08-Feb-15 A	
Concrete walls Phase One		210d		16-Jan-14 A	22-Jul-14 A	
SHT0304-new	Retaining wall from Sta. Sta.7+093 to Sta.7+220 LHS total length (127LM)	21d	100%	16-Jan-14 A	23-Jan-14 A	
SHT0306-new	Formwork Design for Retaining Work	21d	100%	26-Jan-14 A	29-Jan-14 A	
SHT0305-new	Retaining wall from Sta.7+389 to Sta.7+419.5 LHS and from Sta.7+441 to Sta.7+505 LHS	21d	100%	28-Jan-14 A	17-Mar-14 A	
SHT0308-new	Retaining Wall from Sta.7+220 to Sta.7+376 LHS	21d	100%	19-Mar-14 A	15-Apr-14 A	
SHT0307-new	Retaining Wall from Sta.7+375 to Sta.7+391 LHS and from Sta.7+432 to Sta.7+438 LHS	21d	100%	03-Apr-14 A	11-Jun-14 A	
SHT0313-new	Retaining Wall from Sta.7+200 to Sta.7+220 LHS	21d	100%	14-Apr-14 A	29-Jun-14 A	
SHT0373-new	Stair @ Sta.7+505 LHS	21d	100%	07-May-14 A	15-Jun-14 A	
SHT0309-new	Retaining Wall at the access road at Sta.7+185 LHS	21d	100%	22-May-14 A	22-Jul-14 A	
SHT0312-new	Boundary Wall from Sta.6+935 to Sta.6+966 RHS and Retaining Wall from Sta.6+971 to Sta.7+036 RHS	21d	100%	16-Jun-14 A	16-Jul-14 A	



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar

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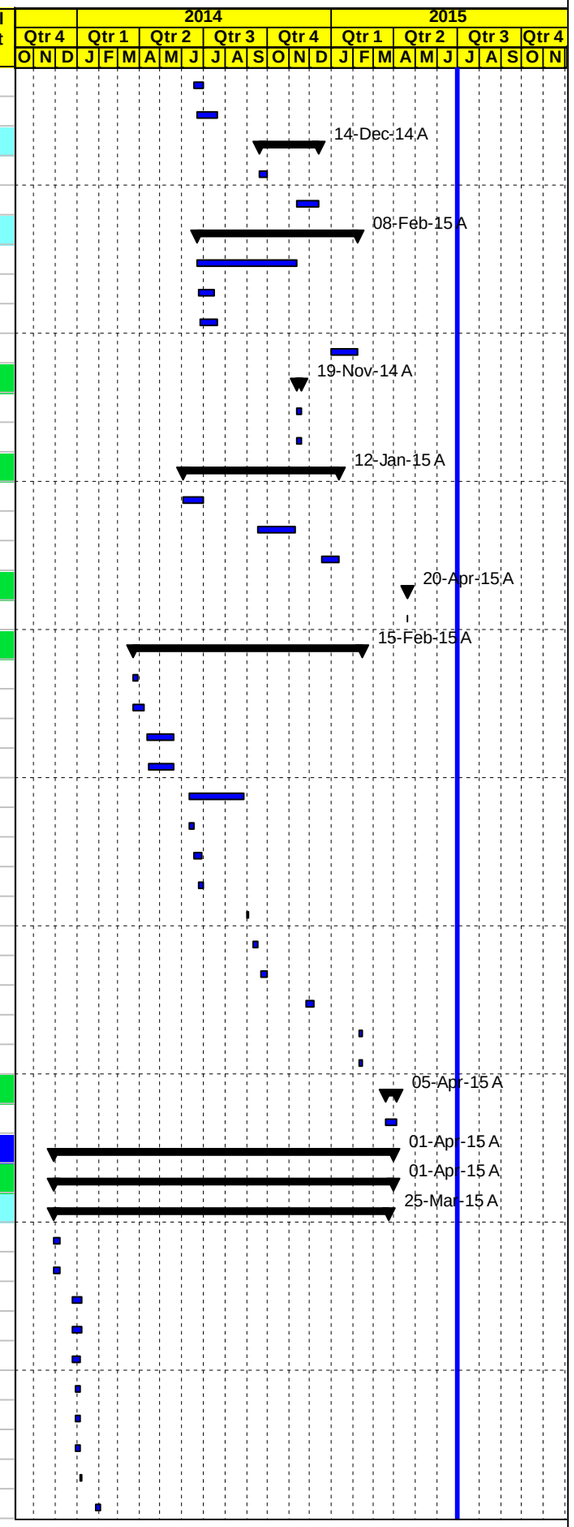
APCO/ArCon CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT0314-new	Retaining Wall from Sta.7+425 to Sta.7+430 RHS	21d	100%	19-Jun-14 A	02-Jul-14 A	
SHT0316-new	Retaining Wall from Sta.6+873 to Sta.6+950 LHS	21d	100%	23-Jun-14 A	20-Jul-14 A	
Concrete walls PhaseTwo		77d		21-Sep-14 A	14-Dec-14 A	
SHT0340-new	Retaining Wall from Sta.4+345 to Sta.4+365 RHS	21d	100%	21-Sep-14 A	30-Sep-14 A	
SHT0335-new	Retaining Wall from Sta.4+422 to Sta.4+440 LHS	21d	100%	12-Nov-14 A	14-Dec-14 A	
Concrete walls Phase Three		181d		22-Jun-14 A	08-Feb-15 A	
SHT0315-new	Retaining Wall from Sta.3+226.97 to Sta.3+295 RHS	21d	100%	22-Jun-14 A	12-Nov-14 A	
SHT0313	Concrete Gravity Wall from Sta.3+523 to Sta.3+537 RHS and from Sta.3+555 to Sta.3+573 RHS	21d	100%	24-Jun-14 A	17-Jul-14 A	
SHT0318-new	Retaining Wall from Sta.3+380 to Sta.3+464.92 RHS	21d	100%	26-Jun-14 A	21-Jul-14 A	
SHT0319-new	Retaining Wall from Sta.3+150 to Sta.3+220 RHS	21d	100%	31-Dec-14 A	08-Feb-15 A	
Stone Walls		21d		12-Nov-14 A	19-Nov-14 A	
SHT0320-new	Stone Walls St.4+335-4+343 R , St.4+370-4+379 R, .4+386-4+401 R, St.4+404-4+480 R, 4+483-St.4+491 R& St.4+498-4+520	21d	100%	12-Nov-14 A	19-Nov-14 A	
SHT0330-new	Stone Walls from Sta.4+440 to Sta.4+475 LHS , from Sta.4+478 to Sta.4+505 LHS and from Sta.4+509 to Sta.4+640 LHS	21d	100%	12-Nov-14 A	19-Nov-14 A	
Pipe Culverts		181d		02-Jun-14 A	12-Jan-15 A	
SHT0317-new	Pipe Culvert at Sta.0+543 -Al Aroub Road	21d	100%	02-Jun-14 A	02-Jul-14 A	
SHT0333	Storm Water from Sta.7+940 to Sta.8+570	21d	100%	17-Sep-14 A	10-Nov-14 A	
SHT0336	Storm concrete system from Sta.7+180 to Sta.7+240 and from Sta.7+300 to Sta.7+345	21d	100%	18-Dec-14 A	12-Jan-15 A	
Concrete curbstone and side walk		21d		19-Apr-15 A	20-Apr-15 A	
SHT0349	Plan and details for side walk from Sta.6+900 to Sta.7+520	21d	100%	19-Apr-15 A	20-Apr-15 A	
Mitered Bends Schedule and fabrication		359d		23-Mar-14 A	15-Feb-15 A	
SHT1060-new	Mitered Bends Schedule and fabrication -8" Beit Ummar Local Network	21d	100%	23-Mar-14 A	30-Mar-14 A	
SHT0370-new	Manufacturer "Bermad" sizing of Deir Shaar Pressure Reducing Valve	21d	100%	24-Mar-14 A	07-Apr-14 A	
SHT0371-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 0+000 to St. 1+200.	21d	100%	13-Apr-14 A	21-May-14 A	
SHT0372-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 6+780 to St. 7+500	21d	100%	15-Apr-14 A	21-May-14 A	
SHT0374-new	Tee Fabrication Shop Drawings and calculation sheets 760 x 150 mm and 760 x 250 mm	21d	100%	11-Jun-14 A	28-Aug-14 A	
SHT0375-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 1+200 to St. 2+780	21d	100%	11-Jun-14 A	18-Jun-14 A	
SHT0380-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 8+700 to St. 9+300	21d	100%	19-Jun-14 A	30-Jun-14 A	
SHT0381-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 2+780 to St. 3+900	21d	100%	24-Jun-14 A	02-Jul-14 A	
SHT0385-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 3+900 to St. 4+950	21d	100%	01-Sep-14 A	04-Sep-14 A	
SHT0386-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 7+500 to St. 8+700	21d	100%	11-Sep-14 A	18-Sep-14 A	
SHT0387-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 4+950 to St. 6+000	21d	100%	23-Sep-14 A	02-Oct-14 A	
SHT0388-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 6+000 to St. 6+780	21d	100%	27-Nov-14 A	08-Dec-14 A	
SHT0389-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 9+400 to St. 10+700	21d	100%	09-Feb-15 A	15-Feb-15 A	
SHT0390-new	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 10+700 to St. 11+610	21d	100%	09-Feb-15 A	15-Feb-15 A	
Others		21d		19-Mar-15 A	05-Apr-15 A	
SHT0355	Street Lighting Details from Sta.7+110 to Sta.7+500	21d	100%	19-Mar-15 A	05-Apr-15 A	
Material Submittals		536d		28-Nov-13 A	01-Apr-15 A	
Submittals including Manufacturers Qualifications , Shop Test, Product Data		536d		28-Nov-13 A	01-Apr-15 A	
Material Submittal Roads		396d		28-Nov-13 A	25-Mar-15 A	
SHT0480	Cat eyes	21d	100%	28-Nov-13 A	09-Dec-13 A	
SHT0485	Thermoplastic paint	21d	100%	28-Nov-13 A	09-Dec-13 A	
SHT0500	Curbstone paint material	21d	100%	25-Dec-13 A	08-Jan-14 A	
SHT0445	Bituminous Wearing Course-Mix Design	21d	100%	25-Dec-13 A	08-Jan-14 A	
SHT0380	Concrete Mix Design including cement type	21d	100%	25-Dec-13 A	07-Jan-14 A	
SHT0490	Guard Rail	21d	100%	30-Dec-13 A	06-Jan-14 A	
SHT0460	Concrete joint sealant material	21d	100%	30-Dec-13 A	06-Jan-14 A	
SHT0425	Curbstone	21d	100%	30-Dec-13 A	06-Jan-14 A	
SHT0495	Traffic sign	21d	100%	05-Jan-14 A	08-Jan-14 A	
SHT0405	Base Course Source	21d	100%	29-Jan-14 A	04-Feb-14 A	



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar

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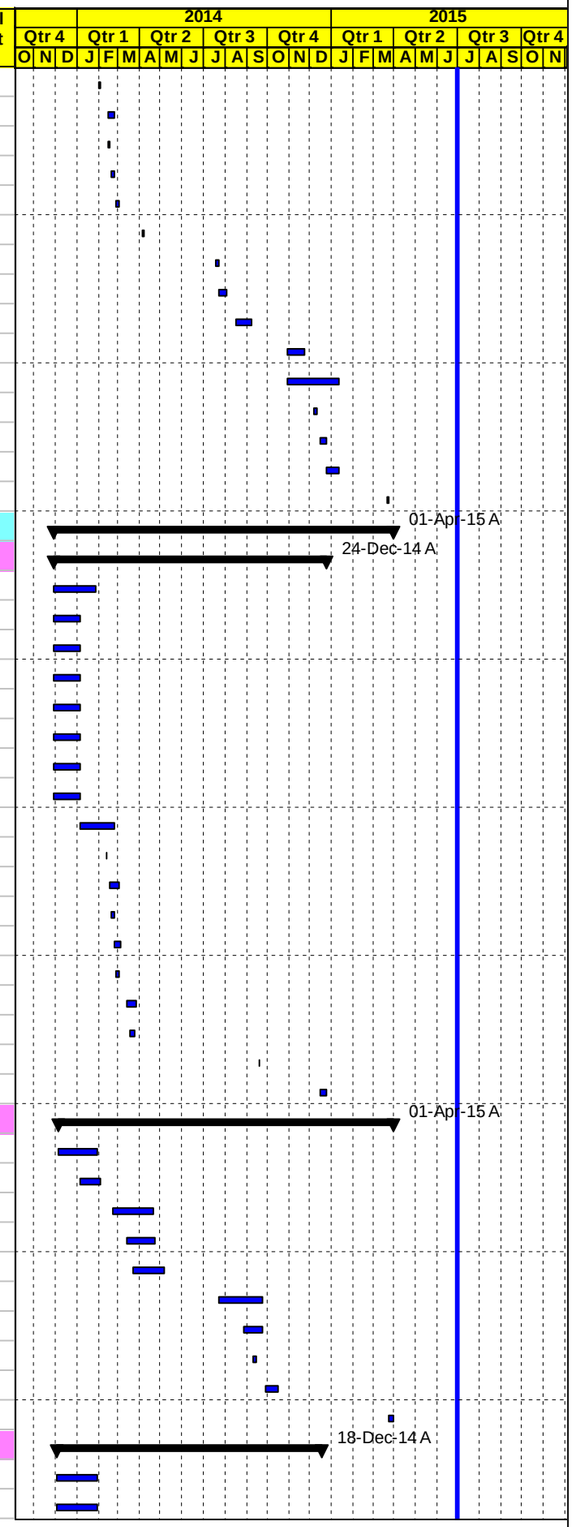
APCO ArCon CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT0390	Steel Reinforcement	21d	100%	02-Feb-14 A	03-Feb-14 A	
SHT0455	Concrete Repair	21d	100%	16-Feb-14 A	25-Feb-14 A	
SHT0385	Formwork material	21d	100%	16-Feb-14 A	18-Feb-14 A	
SHT0566-new	Damp proofing	21d	100%	20-Feb-14 A	24-Feb-14 A	
SHT0565-new	Protection Board Sample	21d	100%	26-Feb-14 A	03-Mar-14 A	
SHT0567-new	Second source of base course	21d	100%	06-Apr-14 A	08-Apr-14 A	
SHT0440	Asphalt wearing	21d	100%	20-Jul-14 A	24-Jul-14 A	
SHT0445-new	Concrete Ready-Mix Design Class B35-Size 20 mm	21d	100%	24-Jul-14 A	05-Aug-14 A	
SHT0395	Precast water manhole	21d	100%	17-Aug-14 A	09-Sep-14 A	
SHT0505	Flexible electrical conduit	21d	100%	29-Oct-14 A	24-Nov-14 A	
SHT0465	Street Lighting including poles	21d	100%	30-Oct-14 A	12-Jan-15 A	
SHT0680-new	Concrete curing compound material	21d	100%	08-Dec-14 A	11-Dec-14 A	
SHT0415	Storm water pipes- PCP factory	21d	100%	17-Dec-14 A	24-Dec-14 A	
SHT0640	Cover for Storm water	21d	100%	24-Dec-14 A	12-Jan-15 A	
SHT0470	Interlocking Blocks	21d	100%	22-Mar-15 A	25-Mar-15 A	
Material Submittals Pipelines including Hydraulic calculation and wiring diagrams, labeling schedule		533d		28-Nov-13 A	01-Apr-15 A	
Pipes		324d		28-Nov-13 A	24-Dec-14 A	
SHT0510	Steel pipeline 760 mm	21d	100%	28-Nov-13 A	28-Jan-14 A	
SHT0515	Steel pipeline 300 mm	21d	100%	28-Nov-13 A	05-Jan-14 A	
SHT0520	Steel pipeline 200 mm	21d	100%	28-Nov-13 A	05-Jan-14 A	
SHT0525	Steel pipeline 150 mm	21d	100%	28-Nov-13 A	05-Jan-14 A	
SHT0530	Steel pipeline 100 mm	21d	100%	28-Nov-13 A	05-Jan-14 A	
SHT0535	Steel pipeline 75 mm	21d	100%	28-Nov-13 A	05-Jan-14 A	
SHT0548	Steel pipeline 250 mm	21d	100%	28-Nov-13 A	05-Jan-14 A	
SHT0557	Steel pipeline 50 mm	21d	100%	28-Nov-13 A	05-Jan-14 A	
SHT0559	Shrinkable sheet	21d	100%	05-Jan-14 A	24-Feb-14 A	
SHT0543	Bedding material	21d	100%	12-Feb-14 A	13-Feb-14 A	
SHT0560	Warning tape	21d	100%	18-Feb-14 A	02-Mar-14 A	
SHT0547	Backfilling material	21d	100%	20-Feb-14 A	24-Feb-14 A	
SHT0561-new	Non-shrink cementation mortar - Fosroc	21d	100%	25-Feb-14 A	05-Mar-14 A	
SHT0562-new	4" PVC Weep Pipe	21d	100%	26-Feb-14 A	02-Mar-14 A	
SHT0564-new	Finish paint for exposed pipes/fittings and pipes/fittings inside chambers_ FOSROC_Nitocote EP	21d	100%	13-Mar-14 A	27-Mar-14 A	
SHT0563-new	Galvanized Steel pipeline 0.5", 0.75",1",1.5",2"	21d	100%	19-Mar-14 A	26-Mar-14 A	
SHT0569-new	Steel pipes -16", 20" and 24"	21d	100%	20-Sep-14 A	21-Sep-14 A	
SHT0570-new	400 mm UPVC pipes SN 8	21d	100%	15-Dec-14 A	24-Dec-14 A	
Manholes and chambers		495d		05-Dec-13 A	01-Apr-15 A	
SHT0563	Air ventilation pipes	21d	100%	05-Dec-13 A	30-Jan-14 A	
SHT0575	Steel flanges	21d	100%	05-Jan-14 A	04-Feb-14 A	
SHT0580	Flange Gaskets_Klinger	21d	100%	23-Feb-14 A	20-Apr-14 A	
SHT0590	Epoxy coating	21d	100%	13-Mar-14 A	23-Apr-14 A	
SHT0585	Bolts ,washers & nuts	21d	100%	24-Mar-14 A	07-May-14 A	
SHT0584-new	Pre Cast Concrete for Water Chamber 1.50m *1.5m*2.0m	21d	100%	24-Jul-14 A	25-Sep-14 A	
SHT0568	Steel Manhole Cover for Storm System and Water System	21d	100%	28-Aug-14 A	24-Sep-14 A	
SHT0592-new	Adjustable support for pipes & Fittings inside chambers.	21d	100%	11-Sep-14 A	15-Sep-14 A	
SHT0570	Manholes Rungs	21d	100%	28-Sep-14 A	16-Oct-14 A	
SHT0681-new	Flange adaptor - Steel pipe to Ductile Iron Pipe	21d	100%	24-Mar-15 A	01-Apr-15 A	
Valves & fittings including Design calculations of fitting		301d		04-Dec-13 A	18-Dec-14 A	
SHT0600	Butterfly. valves 760 mm	21d	100%	04-Dec-13 A	30-Jan-14 A	
SHT0605	Butterfly.valves 500 mm	21d	100%	04-Dec-13 A	30-Jan-14 A	



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar

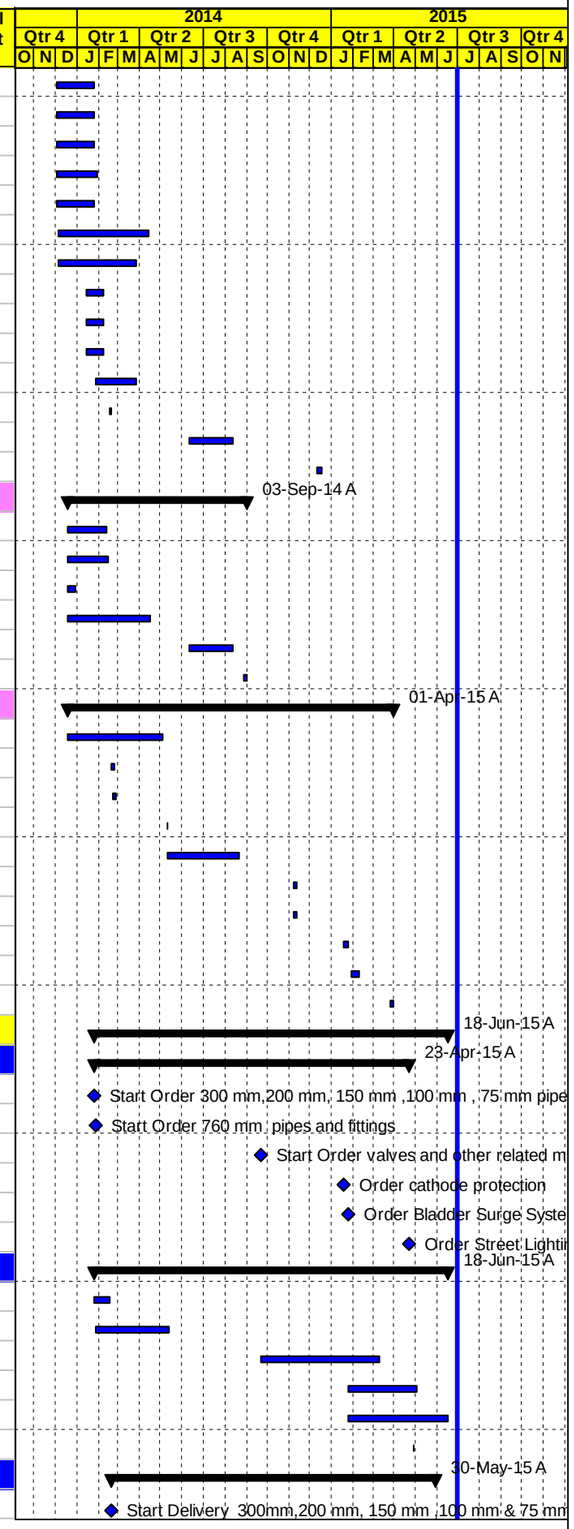
Date	Revision	Checked	Approved
02-Jul-15			

APCO/ArCon CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT0615	Gate valves 250. with Actuators	21d	100%	04-Dec-13 A	26-Jan-14 A	
SHT0625	Gate valves 100. with Actuators	21d	100%	04-Dec-13 A	26-Jan-14 A	
SHT0630	Gate valves 75.	21d	100%	04-Dec-13 A	26-Jan-14 A	
SHT0610	Butterfly. valves400 mm	21d	100%	04-Dec-13 A	30-Jan-14 A	
SHT0620	Gate valves 150 with Actuators	21d	100%	04-Dec-13 A	26-Jan-14 A	
SHT0645	Combination Air relief valves	21d	100%	05-Dec-13 A	14-Apr-14 A	
SHT0655	Dismantling Joint	21d	100%	05-Dec-13 A	27-Mar-14 A	
SHT0665	Steel Tees	21d	100%	16-Jan-14 A	09-Feb-14 A	
SHT0670	Steel reducers	21d	100%	16-Jan-14 A	09-Feb-14 A	
SHT0660	Steel Elbows	21d	100%	16-Jan-14 A	09-Feb-14 A	
SHT0650	Mechanical coupling	21d	100%	29-Jan-14 A	27-Mar-14 A	
SHT0691-new	Galvanized Malleable Iron Fittings up to 2"- Modal	21d	100%	18-Feb-14 A	20-Feb-14 A	
SHT0675	Electro magnetic flow Water meters	21d	100%	11-Jun-14 A	12-Aug-14 A	
SHT0685-new	Washout Flap Valve	21d	100%	11-Dec-14 A	18-Dec-14 A	
Control Valves		210d		19-Dec-13 A	03-Sep-14 A	
SHT0700	Pressure reducing valves	21d	100%	19-Dec-13 A	13-Feb-14 A	
SHT0705	Flow control valves	21d	100%	19-Dec-13 A	16-Feb-14 A	
SHT0710	Pressure relief valves	21d	100%	19-Dec-13 A	31-Dec-13 A	
SHT0740	Swing check valve (8"-PN16)	21d	100%	19-Dec-13 A	17-Apr-14 A	
SHT0730	Electro-Magnetic water meter-Siemens	21d	100%	11-Jun-14 A	12-Aug-14 A	
SHT0750-new	Ball Valve-Tyco F120 for Pressure Gauge	21d	100%	28-Aug-14 A	03-Sep-14 A	
Others		490d		19-Dec-13 A	01-Apr-15 A	
SHT0785	Strainers.	21d	100%	19-Dec-13 A	05-May-14 A	
SHT0788	protective lining and coating	21d	100%	20-Feb-14 A	24-Feb-14 A	
SHT0911-new	Spacers	5d	100%	23-Feb-14 A	27-Feb-14 A	
SHT1067-new	Elcometer 280	21d	100%	11-May-14 A	12-May-14 A	
SHT1065-new	Pressure Gauge	21d	100%	11-May-14 A	21-Aug-14 A	
SHT1070-new	Electrical cables for lighting poles	21d	100%	09-Nov-14 A	12-Nov-14 A	
SHT1075-new	Street luminaries-lamp and accessories	21d	100%	09-Nov-14 A	12-Nov-14 A	
SHT1001	Bladder Surge System	21d	100%	18-Jan-15 A	25-Jan-15 A	
SHT1011-new	Electrical panel for water metering chambers	21d	100%	29-Jan-15 A	09-Feb-15 A	
SHT1013-new	Adjustable support for pipes & Fittings inside chambers for small diameters pipes	21d	100%	26-Mar-15 A	01-Apr-15 A	
Procurements		536d		27-Jan-14 A	18-Jun-15 A	
Order		384d		27-Jan-14 A	23-Apr-15 A	
SHT0920	Start Order 300 mm,200 mm, 150 mm ,100 mm , 75 mm pipes and fittings	0d	100%	27-Jan-14 A		
SHT0930	Start Order 760 mm pipes and fittings	0d	100%	27-Jan-14 A		
SHT0940	Start Order valves and other related materials	0d	100%	22-Sep-14 A		
SHT1120-new	Order cathode protection	0d	100%	19-Jan-15 A		
SHT1071-new	Order Bladder Surge System	0d	100%	25-Jan-15 A		
SHT0950	Order Street Lighting Poles	0d	100%	23-Apr-15 A		
Manufacturing		492d		27-Jan-14 A	18-Jun-15 A	
SHT0960	300 mm,200 mm, 150 mm ,100 mm , 75 mm pipes and fittings	46d	100%	27-Jan-14 A	18-Feb-14 A	
SHT0970	760 mm pipes and fittings	87d	100%	27-Jan-14 A	14-May-14 A	
SHT0980	valves and other related materials	100d	100%	23-Sep-14 A	11-Mar-15 A	
SHT1130-new	Cathode protection	70d	100%	26-Jan-15 A	04-May-15 A	
SHT1080-new	Bladder Surge System	70d	100%	26-Jan-15 A	18-Jun-15 A	
SHT0990	Street Lighting Poles	10d	100%	29-Apr-15 A	29-Apr-15 A	
Delivery		483d		19-Feb-14 A	30-May-15 A	
SHT1000	Start Delivery 300mm,200 mm, 150 mm ,100 mm & 75 mm pipes and fittings	0d	100%	19-Feb-14 A		



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar

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APCO ArCon CONSTRUCTION AND SERVICES

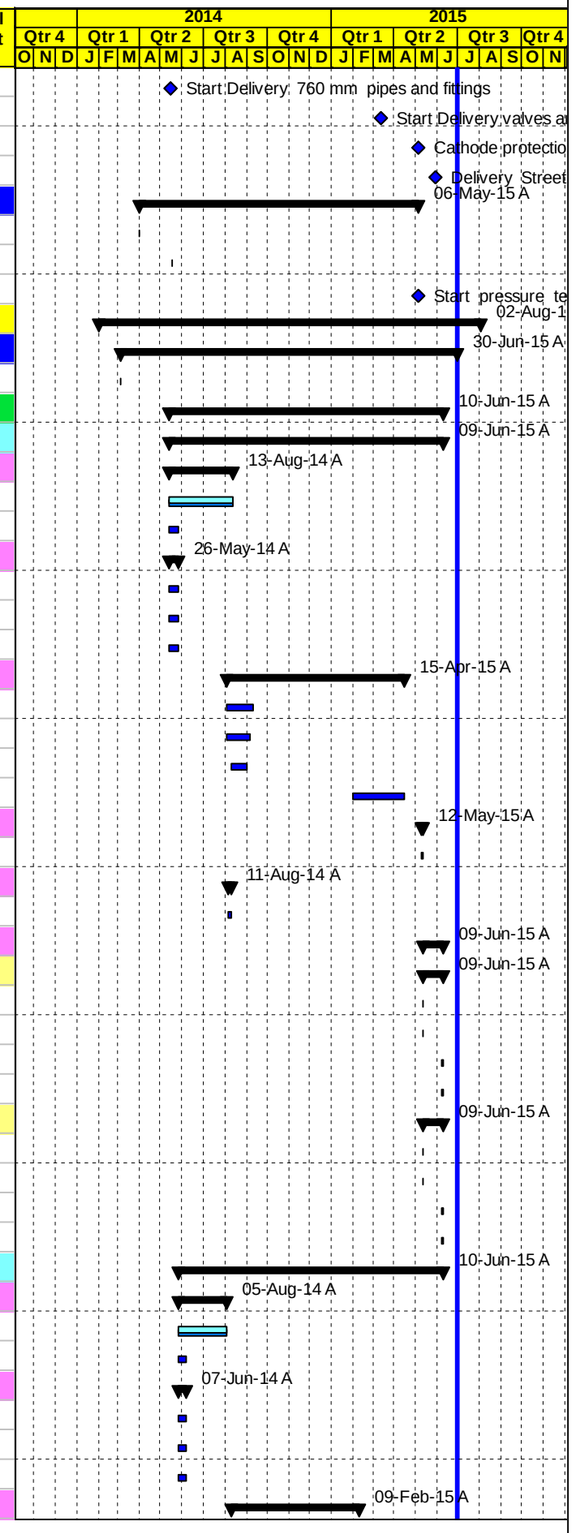
Construction Program

Completed & In Progress Activities

TO16

Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT1010	Start Delivery 760 mm pipes and fittings	0d	100%	15-May-14 A		
SHT1020	Start Delivery valves and other related materials	0d	100%	12-Mar-15 A		
SHT1140-new	Cathode protection	0d	100%	05-May-15 A		
SHT1030	Delivery Street Lighting Poles	0d	100%	30-May-15 A		
Testing		403d		31-Mar-14 A	06-May-15 A	
SHT1040	Start Testing 300 mm,200 mm, 150 mm ,100 mm , 75 mm pipes and fittings	3d	100%	31-Mar-14 A	31-Mar-14 A	
SHT1050	Start Testing 760 mm pipes and fittings	3d	100%	18-May-14 A	18-May-14 A	
SHT1062-new	Start pressure testing	0d	100%	06-May-15 A		
Construction		499d		01-Feb-14 A	02-Aug-15	-31d
Phase #1 Beit Ummar, Al Arrub-Beit Ummar & Halhul Networks		482d		04-Mar-14 A	30-Jun-15 A	
SHT1174	Start Implement traffic control Phase one	5d	100%	04-Mar-14 A	04-Mar-14 A	
Beit Ummar Water Distribution network		330d		13-May-14 A	10-Jun-15 A	
Beit Ummar Water Distribution network From Sta. 0+000 to Sta. 1+200		328d		13-May-14 A	09-Jun-15 A	
Safety, saw cut asphalt and milling		59d		13-May-14 A	13-Aug-14 A	
SHT1175	Maintain traffic control and safety plan ,coordination with local and all parties	59d	100%	13-May-14 A	13-Aug-14 A	
SHT1180	saw cut asphalt	3d	100%	14-May-14 A	26-May-14 A	
Pipe Installation		29d		14-May-14 A	26-May-14 A	
SHT1185	Trench excavation for 200 mm Dist. pipeline with length approx. (1200 LM)	21d	100%	14-May-14 A	26-May-14 A	
SHT1190	Bedding layer & install the above dist.Steel pipeline including required welding inspection	19d	100%	14-May-14 A	26-May-14 A	
SHT1195	Backfill the pipe trench with approved materials to the required level including 20 cm base course	19d	100%	14-May-14 A	26-May-14 A	
Civil Chamber work		127d		04-Aug-14 A	15-Apr-15 A	
SHT1200	Construct - Gate Valve chamber (DN 200mm, pipeline Dia 200mm, PN16) @ Sta.0+011	16d	100%	04-Aug-14 A	10-Sep-14 A	
SHT1205	Construct - Wash out chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.0+060	12d	100%	04-Aug-14 A	07-Sep-14 A	
SHT1255-new	Construct - ARV chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.1+092	12d	100%	11-Aug-14 A	03-Sep-14 A	
SHT1400-new	Construct - Gate Valve chamber (DN 150mm, pipeline Dia 200mm, PN16) @ Sta.0+804	12d	100%	31-Jan-15 A	15-Apr-15 A	
Testing		2d		10-May-15 A	12-May-15 A	
SHT1210	Pressure Testing	2d	100%	10-May-15 A	12-May-15 A	
Asphalt		7d		06-Aug-14 A	11-Aug-14 A	
SHT1215	Asphalt Reinstatement over pipe trench including prime coat and 5 cm asphalt wearing layer	7d	100%	06-Aug-14 A	11-Aug-14 A	
Mechanical Chambers work		19d		12-May-15 A	09-Jun-15 A	
Welding flanges		18d		12-May-15 A	09-Jun-15 A	
SHT-1010-MECH	Welding flanges for Wash out chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.0+060	1d	100%	12-May-15 A	12-May-15 A	
SHT-1030-MECH	Welding flanges for ARV chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.1+092	1d	100%	12-May-15 A	12-May-15 A	
SHT-1000-MECH	Welding flanges for Gate Valve chamber (DN 200mm, pipeline Dia 200mm, PN16) @ Sta.0+011	1d	100%	09-Jun-15 A	09-Jun-15 A	
SHT-1020-MECH	Welding flanges for Gate Valve chamber (DN 150mm, pipeline Dia 200mm, PN16) @ Sta.0+804	1d	100%	09-Jun-15 A	09-Jun-15 A	
Mechanical fittings installation		6d		12-May-15 A	09-Jun-15 A	
SHT-1050-MECH	Fittings installation for Wash out chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.0+060	1d	100%	12-May-15 A	12-May-15 A	
SHT-1070-MECH	Fittings installation for ARV chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.1+092	1d	100%	12-May-15 A	12-May-15 A	
SHT-1040-MECH	Fittings installation for Gate Valve chamber (DN 200mm, pipeline Dia 200mm, PN16) @ Sta.0+011	1d	100%	09-Jun-15 A	09-Jun-15 A	
SHT-1060-MECH	Fittings installation for Gate Valve chamber (DN 150mm, pipeline Dia 200mm, PN16) @ Sta.0+804	1d	100%	09-Jun-15 A	09-Jun-15 A	
Beit Ummar Water Distribution network From Sta. 1+200 to Sta. 2+311		285d		26-May-14 A	10-Jun-15 A	
Safety, saw cut asphalt and milling		56d		26-May-14 A	05-Aug-14 A	
SHT1220	Maintain traffic control and safety plan ,coordination with local and all parties	54d	100%	26-May-14 A	05-Aug-14 A	
SHT1225	Saw cut asphalt	3d	100%	26-May-14 A	07-Jun-14 A	
Pipe Installation		19d		27-May-14 A	07-Jun-14 A	
SHT1235	Bedding layer & install the above dist.Steel pipeline including required welding inspection	19d	100%	27-May-14 A	07-Jun-14 A	
SHT1240	Backfill the pipe trench with approved materials to the required level including 20 cm base course	19d	100%	27-May-14 A	07-Jun-14 A	
SHT1230	Trench excavation for 200 mm Dist. pipeline with length approx. (1111 LM)	19d	100%	27-May-14 A	07-Jun-14 A	
Civil Chamber work		36d		10-Aug-14 A	09-Feb-15 A	



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar

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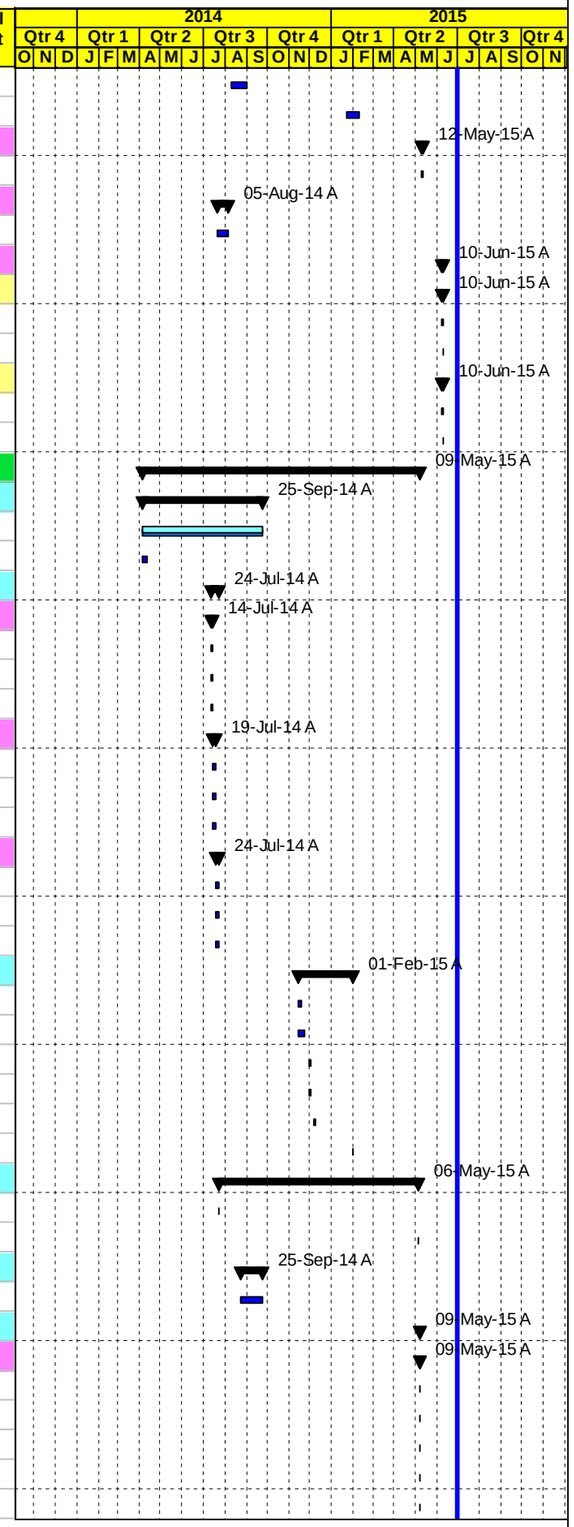
APCO ArCon CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT1245	Construct - Gate Valve chamber (DN 150mm, pipeline Dia 200mm, PN16) @ 1+227	12d	100%	10-Aug-14 A	03-Sep-14 A	
SHT1250	Construct - Connection to existing and Wash out chamber (DN 200&75mm, pipeline Dia 200mm, PN16) @ 2+272	23d	100%	24-Jan-15 A	09-Feb-15 A	
Testing		2d		10-May-15 A	12-May-15 A	
SHT1255	Pressure Testing	2d	100%	10-May-15 A	12-May-15 A	
Asphalt		7d		21-Jul-14 A	05-Aug-14 A	
SHT1260	Asphalt Reinstatement over pipe trench including prime coat and 5 cm asphalt wearing layer	7d	100%	21-Jul-14 A	05-Aug-14 A	
Mechanical Chambers work		3d		09-Jun-15 A	10-Jun-15 A	
Welding flanges		2d		09-Jun-15 A	10-Jun-15 A	
SHT-1080-MECH	Welding flanges for Gate Valve chamber (DN 150mm, pipeline Dia 200mm, PN16) @ 1+227	1d	100%	09-Jun-15 A	09-Jun-15 A	
SHT-1090-MECH	Welding flanges for Connection to existing and Wash out chamber (DN 200&75mm, pipeline Dia 200mm, PN16) @ 2+272	1d	100%	10-Jun-15 A	10-Jun-15 A	
Mechanical fittings installation		2d		09-Jun-15 A	10-Jun-15 A	
SHT-1100-MECH	Fittings installation for Gate Valve chamber (DN 150mm, pipeline Dia 200mm, PN16) @ 1+227	1d	100%	09-Jun-15 A	09-Jun-15 A	
SHT-1110-MECH	Fittings installation for Connection to existing and Wash out chamber (DN 200&75mm, pipeline Dia 200mm, PN16) @ 2+272	1d	100%	10-Jun-15 A	10-Jun-15 A	
Al Arrub-Beit Ummar Water Distribution network From Sta. 0+000 to Sta. 1+086		439d		05-Apr-14 A	09-May-15 A	
Safety, saw cut asphalt and milling		112d		05-Apr-14 A	25-Sep-14 A	
SHT1265	Maintain traffic control and safety plan ,coordination with local and all parties	112d	100%	05-Apr-14 A	25-Sep-14 A	
SHT1270	Road excavation and backfilling to the required sub grade levels	3d	100%	06-Apr-14 A	11-Apr-14 A	
Pipe Installation		43d		12-Jul-14 A	24-Jul-14 A	
150 mm Dist. pipelines		24d		12-Jul-14 A	14-Jul-14 A	
SHT1275	Trench excavation for 150 mm Dist. pipelines from Sta. 0+000 - 0+200) with length approx. (200 LM)	5d	100%	12-Jul-14 A	14-Jul-14 A	
SHT1280	Bedding layer & install the above dist.Steel pipelines including required welding inspection	5d	100%	12-Jul-14 A	14-Jul-14 A	
SHT1282	Backfill the pipe trench with approved materials to the required level including 20 cm base course	5d	100%	12-Jul-14 A	14-Jul-14 A	
Double 150 & 100 mm Dist. pipelines		10d		14-Jul-14 A	19-Jul-14 A	
SHT1285	Trench excavation for Double 150 & 100 mm Dist. pipelines from Sta. 0+200 - 0+595 with length approx. (395 LM)	9d	100%	14-Jul-14 A	19-Jul-14 A	
SHT1287	Bedding layer & install the above dist.Steel pipelines including required welding inspection	9d	100%	14-Jul-14 A	19-Jul-14 A	
SHT1289	Backfill the pipe trench with approved materials to the required level including 20 cm base course	9d	100%	14-Jul-14 A	19-Jul-14 A	
100 mm Dist. pipeline		10d		19-Jul-14 A	24-Jul-14 A	
SHT1290	Trench excavation for 100 mm Dist. pipeline from sta. 0+595 to 1+086 with length approx. (491 LM)	8d	100%	19-Jul-14 A	24-Jul-14 A	
SHT1293	Bedding layer & install the above dist.Steel pipelines including required welding inspection	9d	100%	19-Jul-14 A	24-Jul-14 A	
SHT1298	Backfill the pipe trench with approved materials to the required level including 20 cm base course	9d	100%	19-Jul-14 A	24-Jul-14 A	
Civil Chamber work		106d		14-Nov-14 A	01-Feb-15 A	
SHT1295	Construct - Wash out chamber (DN 75mm, pipeline Dia 150mm, PN16) @ Sta.0+537	13d	100%	14-Nov-14 A	19-Nov-14 A	
SHT1295-new	Construct - Wash out chamber (DN 50mm, pipeline Dia 100mm, PN16) @ Sta. 0+540	13d	100%	14-Nov-14 A	23-Nov-14 A	
SHT1305	Construct - Gate Valve chamber (DN 100mm, pipeline Dia 100mm, PN16) @ Sta.0+710,	13d	100%	30-Nov-14 A	03-Dec-14 A	
SHT1309-new	Construct - Connection chamber to existing (DN 150mm, pipeline Dia150mm, PN16) @ Sta.0+584	14d	100%	30-Nov-14 A	03-Dec-14 A	
SHT1307-new	Construct - Connection chamber to existing (DN 100mm, pipeline Dia100mm, PN16) @ Sta.0+204	13d	100%	08-Dec-14 A	09-Dec-14 A	
SHT1311-new	Construct - Connection chamber to existing (DN 100mm, pipeline Dia 100mm, PN16)@ Sta.1+214	12d	100%	01-Feb-15 A	01-Feb-15 A	
Testing		289d		24-Jul-14 A	06-May-15 A	
SHT1307	Radiographic Testing (RT)	1d	100%	24-Jul-14 A	24-Jul-14 A	
SHT1310	Pressure Testing	2d	100%	06-May-15 A	06-May-15 A	
Base course and Asphalt		12d		23-Aug-14 A	25-Sep-14 A	
SHT1324	Basecourse 20 cm layer	12d	100%	23-Aug-14 A	25-Sep-14 A	
Mechanical Chambers work		19d		09-May-15 A	09-May-15 A	
Welding flanges		6d		09-May-15 A	09-May-15 A	
SHT-1130-MECH	Welding flanges for Wash out chamber (DN 75mm, pipeline Dia 150mm, PN16) @ Sta.0+537	1d	100%	09-May-15 A	09-May-15 A	
SHT-1140-MECH	Welding flanges for Wash out chamber (DN 50mm, pipeline Dia 100mm, PN16) @ Sta. 0+540	1d	100%	09-May-15 A	09-May-15 A	
SHT-1120-MECH	Welding flanges for Connection chamber to existing (DN 100mm, pipeline Dia100mm, PN16) @ Sta.0+204	1d	100%	09-May-15 A	09-May-15 A	
SHT-1170-MECH	Welding flanges for Connection chamber to existing (DN 100mm, pipeline Dia 100mm, PN16)@ Sta.1+214	1d	100%	09-May-15 A	09-May-15 A	
SHT-1160-MECH	Welding flanges for Gate Valve chamber (DN 100mm, pipeline Dia 100mm, PN16) @ Sta.0+710,	1d	100%	09-May-15 A	09-May-15 A	



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APCO ArCon CONSTRUCTION AND SERVICES

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TO16
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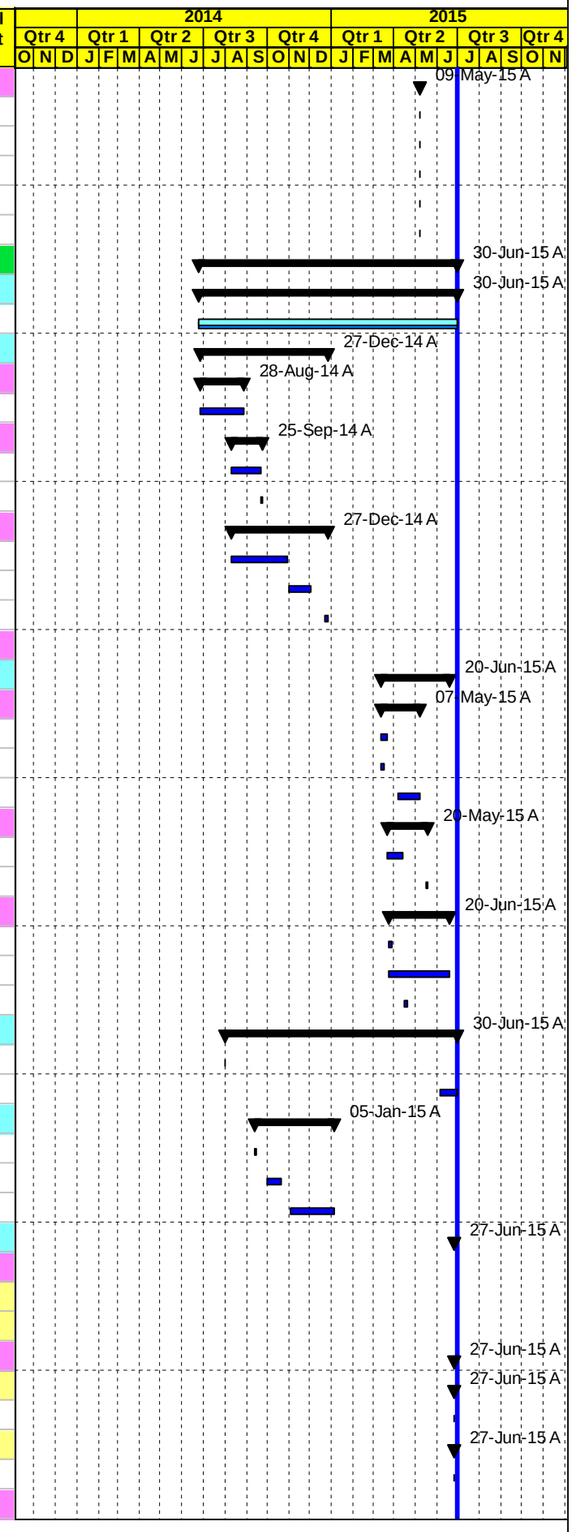
Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
Mechanical fittings installation		6d		09-May-15 A	09-May-15 A	
SHT-1190-MECH	Fittings installation for Wash out chamber (DN 75mm, pipeline Dia 150mm, PN16) @ Sta.0+537	1d	100%	09-May-15 A	09-May-15 A	
SHT-1200-MECH	Fittings installation for Wash out chamber (DN 50mm, pipeline Dia 100mm, PN16) @ Sta. 0+540	1d	100%	09-May-15 A	09-May-15 A	
SHT-1220-MECH	Fittings installation for Gate Valve chamber (DN 100mm, pipeline Dia 100mm, PN16) @ Sta.0+710,	1d	100%	09-May-15 A	09-May-15 A	
SHT-1180-MECH	Fittings installation for Connection chamber to existing (DN 100mm, pipeline Dia100mm, PN16) @ Sta.0+204	1d	100%	09-May-15 A	09-May-15 A	
SHT-1230-MECH	Fittings installation for Connection chamber to existing (DN 100mm, pipeline Dia 100mm, PN16)@ Sta.1+214	1d	100%	09-May-15 A	09-May-15 A	
Halhul Water Distribution Network All Segments		352d		24-Jun-14 A	30-Jun-15 A	
Safety, saw cut asphalt and milling		104d		24-Jun-14 A	30-Jun-15 A	
SHT1320	Maintain traffic control and safety plan ,coordination with local and all parties	104d	100%	24-Jun-14 A	30-Jun-15 A	
Pipe Installation		141d		28-Jun-14 A	27-Dec-14 A	
Zaboud-Halhul		22d		28-Jun-14 A	28-Aug-14 A	
SHT1330	Trench excavation ,Bedding ,install and backfill for 200 mm Dist.Zaboud Water Pipeline from Sta.0+000 to Sta.1+134	22d	100%	28-Jun-14 A	28-Aug-14 A	
Shahera-Halhul		41d		10-Aug-14 A	25-Sep-14 A	
SHT3852-new	Trench excavation ,Bedding ,install and backfill for Shahera Pipeline 200 mm from St.0+000 -1+120	22d	100%	10-Aug-14 A	22-Sep-14 A	
SHT1340-new	Trench excavation ,Bedding ,install and backfill for Shahera Pipeline 100 mm 1+120 -1+334	4d	100%	22-Sep-14 A	25-Sep-14 A	
Nabi Yunis-Halhul		112d		10-Aug-14 A	27-Dec-14 A	
SHT3854-new	Trench excavation ,Bedding ,install and backfill for Al Nabi Younes 200 mm from St.0+000 -0+800	22d	100%	10-Aug-14 A	30-Oct-14 A	
SHT1335	Trench excavation ,Bedding ,install and backfill for Al Nabi Younes 150 mm 0+800 -1+750	8d	100%	02-Nov-14 A	02-Dec-14 A	
SHT1340	Trench excavation ,Bedding ,install and backfill Pipeline for Rmoaz 100 mm 0+800 -1+600	10d	100%	23-Dec-14 A	27-Dec-14 A	
Hawawer-Halhul		0d				0d
Civil Chamber work		52d		13-Mar-15 A	20-Jun-15 A	
Zaboud-Halhul		38d		13-Mar-15 A	07-May-15 A	
SHT1350	Construct Gate Valves (DN 150mm, pipeline Dia 200mm, PN16) @ St. 0+180	8d	100%	13-Mar-15 A	21-Mar-15 A	
SHT1360	Construct Air Valves (DN 75mm, pipeline Dia 200mm, PN16) @ St. 0+208	8d	100%	14-Mar-15 A	17-Mar-15 A	
SHT1390-new	Construct - Connection chamber to existing (DN 200mm, pipeline Dia 200mm, PN16) @ Sta.1+133	21d	100%	06-Apr-15 A	07-May-15 A	
Shahera-Halhul		42d		21-Mar-15 A	20-May-15 A	
SHT1357-new	Construct - Connection chamber to existing (DN 200&100mm, pipeline Dia 200&100mm, PN16)@ Sta.1+115	21d	100%	21-Mar-15 A	14-Apr-15 A	
SHT1355-new	Construct Washout Valves (DN 75mm, pipeline Dia200mm, PN16) @ St. 0+557	8d	100%	16-May-15 A	20-May-15 A	
Nabi Yunis-Halhul		24d		25-Mar-15 A	20-Jun-15 A	
SHT1367-new	Construct - Connection chamber to existing and Wash out (DN 150&75mm, pipeline Dia 150mm, PN16) @ Sta.0+718	19d	100%	25-Mar-15 A	29-Mar-15 A	
SHT1369-new	Construct -Combined 3"ARV, 8"GV,6"GV,4"GV and connection to existing(DN100,200,150,100&200) @ St. 0+650	19d	100%	25-Mar-15 A	20-Jun-15 A	
SHT1359-new	Construct - Connection chamber to existing (DN 100mm, pipeline Dia 100mm, PN16) @ Sta.0+824	8d	100%	15-Apr-15 A	19-Apr-15 A	
Testing		86d		02-Aug-14 A	30-Jun-15 A	
SHT1365	Radiographic Testing (RT)	1d	100%	02-Aug-14 A	02-Aug-14 A	
SHT1370	Pressure Testing	7d	100%	06-Jun-15 A	30-Jun-15 A	
Asphalt		72d		13-Sep-14 A	05-Jan-15 A	
SHT1485-new	Asphalt Reinstatement Zaboud	5d	100%	13-Sep-14 A	16-Sep-14 A	
SHT1375	Asphalt Reinstatement Shahera-	5d	100%	02-Oct-14 A	22-Oct-14 A	
SHT1380	Asphalt Reinstatement Nabi Yunis-Halhul	5d	100%	03-Nov-14 A	05-Jan-15 A	
Mechanical Chambers work		3d		27-Jun-15 A	27-Jun-15 A	
Zaboud-Halhul		0d				0d
Welding flanges		0d				0d
Mechanical fittings installation		0d				0d
Shahera-Halhul		2d		27-Jun-15 A	27-Jun-15 A	
Welding flanges		1d		27-Jun-15 A	27-Jun-15 A	
SHT-1300-MECH	Welding flanges for Washout Valves (DN 75mm, pipeline Dia200mm, PN16) @ St. 0+557	1d	100%	27-Jun-15 A	27-Jun-15 A	
Mechanical fittings installation		1d		27-Jun-15 A	27-Jun-15 A	
SHT-1320-MECH	Fittings installation for Washout Valves (DN 75mm, pipeline Dia200mm, PN16) @ St. 0+557	1d	100%	27-Jun-15 A	27-Jun-15 A	
Nabi Yunis-Halhul		0d				0d



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar

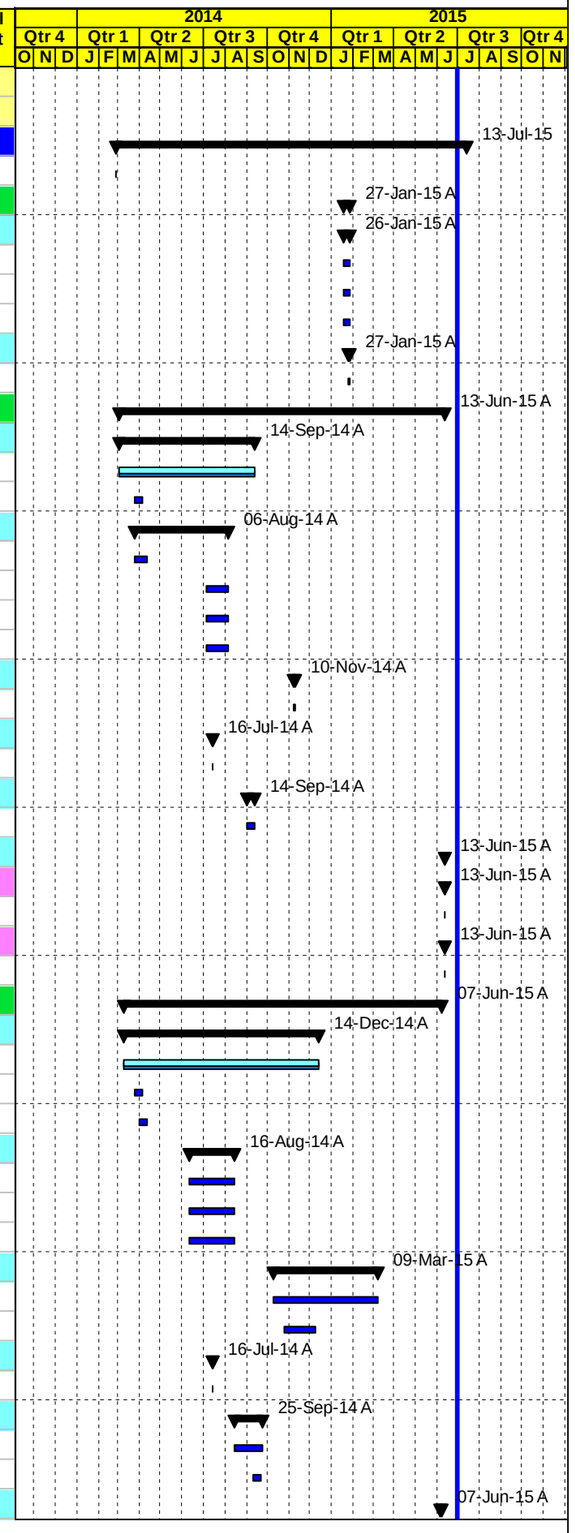
Date	Revision	Checked	Approved
02-Jul-15			

APCO/ArCon CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
Welding flanges		0d				0d
Mechanical fittings installation		0d				0d
Phase #2 Main pipelines, Network & Road Works St. 0+000 to 6+239		469d		26-Feb-14 A	13-Jul-15	-18d
SHT1097	Start Implement traffic control Phase Three	5d	100%	26-Feb-14 A	27-Feb-14 A	
Main pipelines St.0+000 to 0+143 (Reconstruction Agricultural Road)		17d		19-Jan-15 A	27-Jan-15 A	
Pipe Installation		7d		19-Jan-15 A	26-Jan-15 A	
SHT3880	Trench excavation for 760 mm main Pipeline with length approx. (143 LM)	7d	100%	19-Jan-15 A	26-Jan-15 A	
SHT3890	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	7d	100%	19-Jan-15 A	26-Jan-15 A	
SHT3900	Backfill the pipe trench with approved materials to the required level	7d	100%	19-Jan-15 A	26-Jan-15 A	
Topping		6d		26-Jan-15 A	27-Jan-15 A	
SHT3901	Final Finish Sub grade & Topping	6d	100%	26-Jan-15 A	27-Jan-15 A	
Main pipelines From Sta.0+143 to Sta.0+630 (Reconstruction Agricultural Road)		441d		02-Mar-14 A	13-Jun-15 A	
Safety and Excavation Works		131d		02-Mar-14 A	14-Sep-14 A	
SHT1506	Maintain traffic control plan including grading and widening the road ,coordination with local and all parties	131d	100%	02-Mar-14 A	14-Sep-14 A	
SHT1507	Road excavation and backfilling to the required sub grade levels	20d	100%	25-Mar-14 A	05-Apr-14 A	
Pipe Installation		115d		25-Mar-14 A	06-Aug-14 A	
SHT1507-new	Rock breaking (Digging)	10d	100%	25-Mar-14 A	12-Apr-14 A	
SHT1508	Trench excavation for 760 mm main pipeline from 0+143 to sta.0+630 with length approx. (487 LM)	18d	100%	07-Jul-14 A	06-Aug-14 A	
SHT1520	Backfill the pipe trench with approved materials to the required level	18d	100%	07-Jul-14 A	06-Aug-14 A	
SHT1510	Bedding layer & install the above main Steel pipeline with required welding inspection and sectional testing (UT)	18d	100%	07-Jul-14 A	06-Aug-14 A	
Civil Chamber work		11d		07-Nov-14 A	10-Nov-14 A	
SHT1550	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.0+620	11d	100%	07-Nov-14 A	10-Nov-14 A	
Testing		1d		16-Jul-14 A	16-Jul-14 A	
SHT1553	Radiographic Testing (RT)	1d	100%	16-Jul-14 A	16-Jul-14 A	
Base course & Stone Wall		13d		02-Sep-14 A	14-Sep-14 A	
SHT1560	Final Finish Sub grade & Topping st. 0+140 to st. 0+630	13d	100%	02-Sep-14 A	14-Sep-14 A	
Mechanical Chambers work-1		2d		13-Jun-15 A	13-Jun-15 A	
Welding flanges		1d		13-Jun-15 A	13-Jun-15 A	
SHT-1420-MECH	Welding flanges for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.0+620	1d	100%	13-Jun-15 A	13-Jun-15 A	
Mechanical fittings installation		1d		13-Jun-15 A	13-Jun-15 A	
SHT-1430-MECH	Fittings installation for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.0+620	1d	100%	13-Jun-15 A	13-Jun-15 A	
Main pipelines From Sta.0+630 to Sta.1+400 (Reconstruction Agricultural Road)		441d		08-Mar-14 A	07-Jun-15 A	
Safety and Excavation Works		151d		08-Mar-14 A	14-Dec-14 A	
SHT1570	Maintain traffic control plan including grading and widening the road ,coordination with local and all parties	140d	100%	08-Mar-14 A	14-Dec-14 A	
SHT1580	Road excavation and backfilling to the required sub grade levels	22d	100%	25-Mar-14 A	05-Apr-14 A	
SHT1587-new	Rock breaking (Digging)	10d	100%	01-Apr-14 A	11-Apr-14 A	
Pipe Installation		20d		12-Jun-14 A	16-Aug-14 A	
SHT1590	Trench excavation for 760 mm main pipeline from 0+630 to sta.1+400 with length approx. (770 LM)	20d	100%	12-Jun-14 A	16-Aug-14 A	
SHT1600	Bedding layer & install the above main Steel pipeline with required welding inspection and sectional testing (UT)	20d	100%	12-Jun-14 A	16-Aug-14 A	
SHT1610	Backfill the pipe trench with approved materials to the required level	20d	100%	12-Jun-14 A	16-Aug-14 A	
Civil Chamber work		31d		11-Oct-14 A	09-Mar-15 A	
SHT1540	Construct Main Connection chamber (DN 500mm, pipeline Dia 760mm, PN25)@ Sta.1+280	21d	100%	11-Oct-14 A	09-Mar-15 A	
SHT1620	Construct - ARV chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta.0+743	23d	100%	26-Oct-14 A	10-Dec-14 A	
Testing		1d		16-Jul-14 A	16-Jul-14 A	
SHT1623	Radiographic Testing (RT)	1d	100%	16-Jul-14 A	16-Jul-14 A	
Topping and Base course		91d		16-Aug-14 A	25-Sep-14 A	
SHT1630	20 cm base course layer from Sta.1+200 to 1+400	16d	100%	16-Aug-14 A	25-Sep-14 A	
SHT1920	Topping from Sta.0+630 to 1+200	13d	100%	10-Sep-14 A	22-Sep-14 A	
Mechanical Chambers work		2d		07-Jun-15 A	07-Jun-15 A	



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar

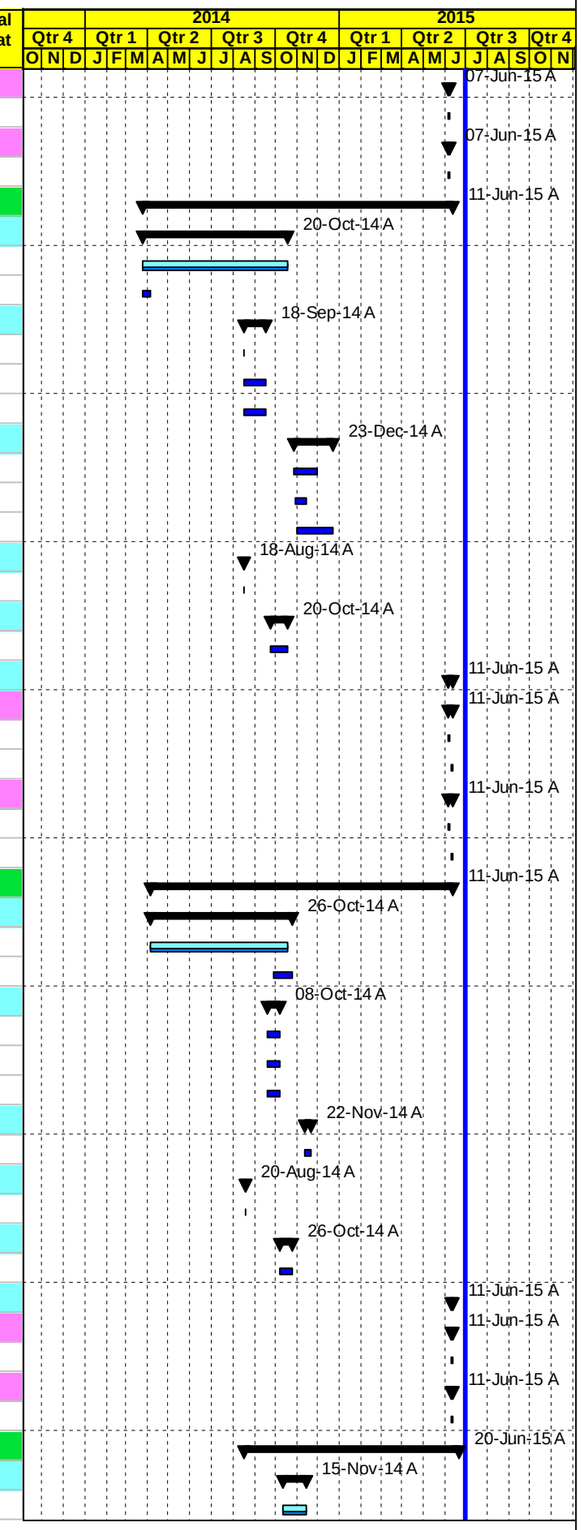
Date	Revision	Checked	Approved
02-Jul-15			

APCO ArCon CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
Welding flanges		1d		07-Jun-15 A	07-Jun-15 A	
SHT-1440-MECH	Welding flanges for ARV chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta.0+743	1d	100%	07-Jun-15 A	07-Jun-15 A	
Mechanical fittings installation		1d		07-Jun-15 A	07-Jun-15 A	
SHT-1460-MECH	Fittings installation for ARV chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta.0+743	1d	100%	07-Jun-15 A	07-Jun-15 A	
Main pipelines From Sta.1+400 to Sta.2+200 (Reconstruction Agricultural Road)		439d		24-Mar-14 A	11-Jun-15 A	
Safety , Excavation Works and Pipe Culvert		202d		24-Mar-14 A	20-Oct-14 A	
SHT1640	Maintain traffic control plan including grading and widening the road ,coordination with local and all parties	201d	100%	24-Mar-14 A	20-Oct-14 A	
SHT1650	Road excavation and backfilling to the required sub grade levels	20d	100%	25-Mar-14 A	05-Apr-14 A	
Pipe Installation		21d		17-Aug-14 A	18-Sep-14 A	
SHT1670	Trench excavation for 760 mm main pipeline from 1+400 to sta.2+200 with length approx. (800 LM)	21d	100%	17-Aug-14 A	18-Aug-14 A	
SHT1680	Bedding layer & install the above main Steel pipeline with required welding inspection and sectional testing (UT)	21d	100%	17-Aug-14 A	18-Sep-14 A	
SHT1690	Backfill the pipe trench with approved materials to the required level	21d	100%	17-Aug-14 A	18-Sep-14 A	
Civil Chamber work		46d		27-Oct-14 A	23-Dec-14 A	
SHT1710	Construct - ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta. 1+942	21d	100%	27-Oct-14 A	01-Dec-14 A	
SHT1700	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.1+530	21d	100%	30-Oct-14 A	15-Nov-14 A	
SHT1720	Construct -Al Arrub Connection chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta.2+070 LHS	21d	100%	02-Nov-14 A	23-Dec-14 A	
Testing		1d		18-Aug-14 A	18-Aug-14 A	
SHT1724	Radiographic Testing (RT) Workshop	1d	100%	18-Aug-14 A	18-Aug-14 A	
Base course & Stone Wall		16d		25-Sep-14 A	20-Oct-14 A	
SHT1730	Final Finish Sub grade & 20 cm base course layer from 1+400 to 2+200	16d	100%	25-Sep-14 A	20-Oct-14 A	
Mechanical Chambers work		3d		07-Jun-15 A	11-Jun-15 A	
Welding flanges		2d		07-Jun-15 A	11-Jun-15 A	
SHT-1490-MECH	Welding flanges for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta. 1+942	1d	100%	07-Jun-15 A	07-Jun-15 A	
SHT-1480-MECH	Welding flanges for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.1+530	1d	100%	11-Jun-15 A	11-Jun-15 A	
Mechanical fittings installation		2d		07-Jun-15 A	11-Jun-15 A	
SHT-1520-MECH	Fittings installation for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta. 1+942	1d	100%	07-Jun-15 A	07-Jun-15 A	
SHT-1510-MECH	Fittings installation for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.1+530	1d	100%	11-Jun-15 A	11-Jun-15 A	
Main pipelines From Sta.2+200 to Sta.2+780		334d		05-Apr-14 A	11-Jun-15 A	
Safety , Excavation Works and Pipe Culvert		101d		05-Apr-14 A	26-Oct-14 A	
SHT1740	Maintain traffic control plan including grading and widening the road ,coordination with local and all parties	101d	100%	05-Apr-14 A	20-Oct-14 A	
SHT1750	Road excavation and backfilling to the required sub grade levels	22d	100%	28-Sep-14 A	26-Oct-14 A	
Pipe Installation		17d		20-Sep-14 A	08-Oct-14 A	
SHT1770	Trench excavation for 760 mm main pipeline from 2+200 to sta.2+780 with length approx. (580 LM)	17d	100%	20-Sep-14 A	08-Oct-14 A	
SHT1780	Bedding layer & install the above main Steel pipeline with required welding inspection and sectional testing (UT)	17d	100%	20-Sep-14 A	08-Oct-14 A	
SHT1790	Backfill the pipe trench with approved materials to the required level	17d	100%	20-Sep-14 A	08-Oct-14 A	
Civil Chamber work		8d		12-Nov-14 A	22-Nov-14 A	
SHT1800	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta. 2+230	8d	100%	12-Nov-14 A	22-Nov-14 A	
Testing		1d		20-Aug-14 A	20-Aug-14 A	
SHT1803	Radiographic Testing (RT) Workshop	1d	100%	20-Aug-14 A	20-Aug-14 A	
Basecourse		12d		08-Oct-14 A	26-Oct-14 A	
SHT1810	Final Finish Sub grade & 20 cm base course layer from 2+200 to 2+780	12d	100%	08-Oct-14 A	26-Oct-14 A	
Mechanical Chambers work		2d		11-Jun-15 A	11-Jun-15 A	
Welding flanges		1d		11-Jun-15 A	11-Jun-15 A	
SHT-1540-MECH	Welding flanges for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta. 2+230	1d	100%	11-Jun-15 A	11-Jun-15 A	
Mechanical fittings installation		1d		11-Jun-15 A	11-Jun-15 A	
SHT-1560-MECH	Fittings installation for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta. 2+230	1d	100%	11-Jun-15 A	11-Jun-15 A	
Main pipelines & (Milling & over lay 11m width existing asphalt Road) St. 2+780 to 3+030		257d		18-Aug-14 A	20-Jun-15 A	
Safety , Millings and Pipe Culvert		105d		11-Oct-14 A	15-Nov-14 A	
SHT1830	Maintain traffic control and safety plan ,coordination with local authorities and all other parties	105d	100%	11-Oct-14 A	15-Nov-14 A	



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar

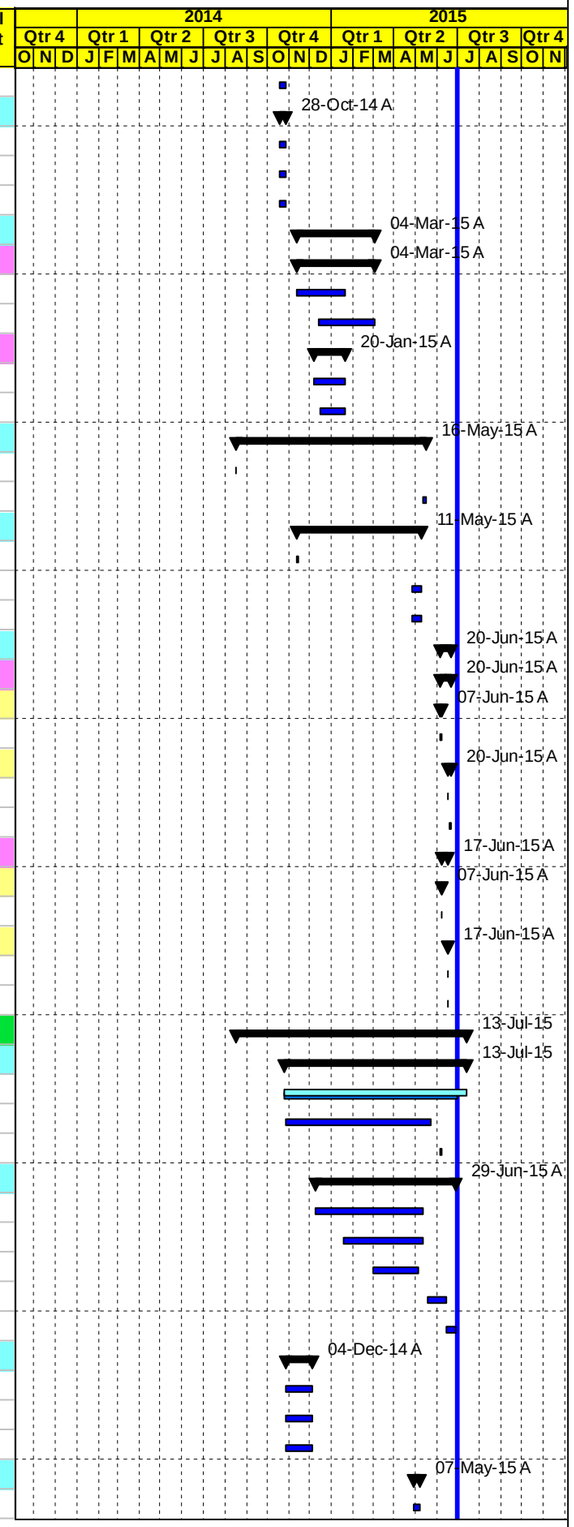
Date	Revision	Checked	Approved
02-Jul-15			

APCO/ArCon CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT1840	Saw cut asphalt/Road excavation	2d	100%	18-Oct-14 A	28-Oct-14 A	
Pipe Installation		7d		18-Oct-14 A	28-Oct-14 A	
SHT1850	Trench excavation for 760 mm main pipeline and 200mm dist. Pipeline with length approx. (250 LM)	7d	100%	18-Oct-14 A	28-Oct-14 A	
SHT1870	Backfill the pipe trench with approved materials to the required level including 20 cm base course	7d	100%	18-Oct-14 A	28-Oct-14 A	
SHT1860	Bedding layer & install the above main & dist. Steel pipeline with required welding inspection & sectional testing (UT)	7d	100%	18-Oct-14 A	28-Oct-14 A	
Civil Chamber work		57d		12-Nov-14 A	04-Mar-15 A	
Main pipeline chambers		57d		12-Nov-14 A	04-Mar-15 A	
SHT1940-new	Construct - ARV chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta.2+782	21d	100%	12-Nov-14 A	20-Jan-15 A	
SHT1880	Construct - Washout chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.2+857	19d	100%	13-Dec-14 A	04-Mar-15 A	
Networks chambers		35d		08-Dec-14 A	20-Jan-15 A	
SHT1880-new	Construct - chamber for Connection to existing (DN 200mm, pipeline Dia 200mm, PN16) @2+781	21d	100%	08-Dec-14 A	20-Jan-15 A	
SHT1885-new	Construct - Washout chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.2+858	5d	100%	15-Dec-14 A	20-Jan-15 A	
Testing		115d		18-Aug-14 A	16-May-15 A	
SHT1883	Radiographic Testing (RT) Workshop	1d	100%	18-Aug-14 A	18-Aug-14 A	
SHT1895	Pressure Testing for 200 mm dist. Pipelines	2d	100%	13-May-15 A	16-May-15 A	
Asphalt		64d		13-Nov-14 A	11-May-15 A	
SHT1900	Asphalt Reinstament over pipe trench including prime coat and 5 cm asphalt wearing layer	2d	100%	13-Nov-14 A	15-Nov-14 A	
SHT1910	5 cm asphalt wearing course including tack coat	2d	100%	26-Apr-15 A	11-May-15 A	
SHT1887	Milling	1d	100%	26-Apr-15 A	11-May-15 A	
Mechanical Chambers work		18d		07-Jun-15 A	20-Jun-15 A	
Welding flanges		17d		07-Jun-15 A	20-Jun-15 A	
Main pipeline chambers		1d		07-Jun-15 A	07-Jun-15 A	
SHT-1570-MECH	Welding flanges for ARV chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta.2+782	1d	100%	07-Jun-15 A	07-Jun-15 A	
Networks chambers		8d		17-Jun-15 A	20-Jun-15 A	
SHT-1590-MECH	Welding flanges for Connection to existing (DN 200mm, pipeline Dia 200mm, PN16) @2+781	1d	100%	17-Jun-15 A	17-Jun-15 A	
SHT-1600-MECH	Welding flanges for Washout chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.2+858	1d	100%	20-Jun-15 A	20-Jun-15 A	
Mechanical fittings installation		17d		07-Jun-15 A	17-Jun-15 A	
Main pipeline chambers		1d		07-Jun-15 A	07-Jun-15 A	
SHT-1610-MECH	Fittings installation for ARV chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta.2+782	1d	100%	07-Jun-15 A	07-Jun-15 A	
Networks chambers		8d		17-Jun-15 A	17-Jun-15 A	
SHT-1630-MECH	Fittings installation for Connection to existing (DN 200mm, pipeline Dia 200mm, PN16) @2+781	1d	100%	17-Jun-15 A	17-Jun-15 A	
SHT-1640-MECH	Fittings installation for Washout chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.2+858	1d	100%	17-Jun-15 A	17-Jun-15 A	
Main pipelines &(Reconstruction for exist asphalt Road at residanial area 6 width) St.3+030 to 3+780		247d		18-Aug-14 A	13-Jul-15	-18d
Safety and Excavation Works		222d		26-Oct-14 A	13-Jul-15	-27d
SHT1930	Maintain traffic control &safety plan to include local access to residance ,all corrdination & relocate utilities	49d	80%	26-Oct-14 A	13-Jul-15	-23d
SHT1950	Remove exist asphalt , Road excavation and backfilling to the required subgrade level from St. 3+070 -3+200 &3+640-3+780	20d	100%	28-Oct-14 A	23-May-15 A	
SHT2030	Road excavation and backfilling to the required subgrade level from St. 3+200 to St. 3+640	5d	100%	06-Jun-15 A	09-Jun-15 A	
Concrete Wall		200d		09-Dec-14 A	29-Jun-15 A	
SHT1960	Retaining Wall from sta. 3+226to 3+295 RHS	26d	100%	09-Dec-14 A	12-May-15 A	
SHT2290	Retaining Wall from Sta.3+380 to Sta.3+464.92 RHS	40d	100%	19-Jan-15 A	12-May-15 A	
SHT2840	Retaining Wall from Sta.3+150 to Sta.3+205 RHS	19d	100%	01-Mar-15 A	06-May-15 A	
SHT2170	Concrete Gravity Wall from Sta.3+555 to Sta.3+573 RHS	15d	100%	20-May-15 A	15-Jun-15 A	
SHT2310	Concrete Founation for Retaining Wall from Sta.3+630- Sta.3+680 LHS	21d	100%	15-Jun-15 A	29-Jun-15 A	
Pipe Installation		21d		28-Oct-14 A	04-Dec-14 A	
SHT1970	Trench excavation for 760 mm main and 200 mm dist. Pipelines with length approx. (750 LM)	21d	100%	28-Oct-14 A	04-Dec-14 A	
SHT1980	Bedding layer & install the above main&dist.Steel pipeline including required welding inspection/sectional testing (UT)	21d	100%	28-Oct-14 A	04-Dec-14 A	
SHT1990	Backfill the pipe trench with approved materials to the required level	21d	100%	28-Oct-14 A	04-Dec-14 A	
Additional Pipe Installation		7d		28-Apr-15 A	07-May-15 A	
SHT2560-new	Trench excavation for 75 mm main Pipeline with length approx. (265 LM) from St. 3+515 to St. 3+780	7d	100%	28-Apr-15 A	07-May-15 A	



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar

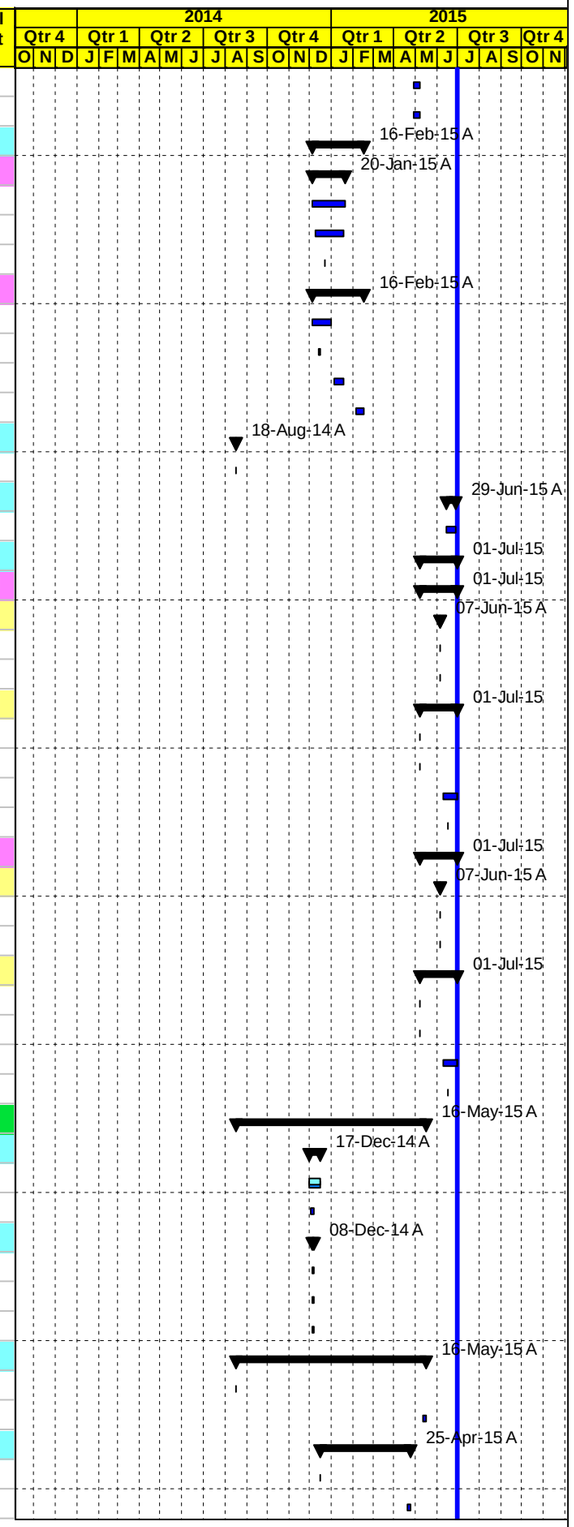
Date	Revision	Checked	Approved
02-Jul-15			

APCO/ArCon CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT2565-new	Bedding layer & install the above main Steel pipeline including required welding inspection	7d	100%	28-Apr-15 A	07-May-15 A	
SHT2570-new	Backfill the pipe trench with approved materials to the required level	7d	100%	28-Apr-15 A	07-May-15 A	
Civil Chamber work		62d		04-Dec-14 A	16-Feb-15 A	
Main pipeline chambers		26d		04-Dec-14 A	20-Jan-15 A	
SHT2010	Construct -Beit Ummar Connection chamber (DN 250mm, pipeline Dia 760mm, PN25)@ Sta.3+485 RHS	21d	100%	04-Dec-14 A	20-Jan-15 A	
SHT3850-new	Construct - ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta. 3+303	22d	100%	09-Dec-14 A	19-Jan-15 A	
SHT2000	Construct - ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta. 3+745	5d	100%	22-Dec-14 A	23-Dec-14 A	
Networks chambers		62d		04-Dec-14 A	16-Feb-15 A	
SHT2020-new	Construct - combined chamber gate valve (DN 200&200mm, pipeline Dia 200&200mm, PN16) @ Sta. 3+490	8d	100%	04-Dec-14 A	01-Jan-15 A	
SHT1895-new	Construct - ARV Valve chamber (DN 75mm, pipeline Dia 200mm, PN16@ Sta.3+743	7d	100%	14-Dec-14 A	15-Dec-14 A	
SHT1890-new	Construct - ARV Valve chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.3+301	9d	100%	04-Jan-15 A	19-Jan-15 A	
SHT1896-new	Construct - chamber for Connection to existing (DN 200&100mm, pipeline Dia 200&100mm, PN16) @3+780	21d	100%	06-Feb-15 A	16-Feb-15 A	
Testing		1d		18-Aug-14 A	18-Aug-14 A	
SHT2013	Radiographic Testing (RT) Workshop	1d	100%	18-Aug-14 A	18-Aug-14 A	
Base course , Stone Wall and Asphalt		9d		14-Jun-15 A	29-Jun-15 A	
SHT2020	Final Finish Sub grade & 20cm base course layer Phase One	9d	100%	14-Jun-15 A	29-Jun-15 A	
Mechanical Chambers work		28d		08-May-15 A	01-Jul-15	-5d
Welding flanges		28d		08-May-15 A	01-Jul-15	-20d
Main pipeline chambers		1d		07-Jun-15 A	07-Jun-15 A	
SHT-1670-MECH	Welding flanges for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta. 3+745	1d	100%	07-Jun-15 A	07-Jun-15 A	
SHT-1650-MECH	Welding flanges for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta. 3+303	1d	100%	07-Jun-15 A	07-Jun-15 A	
Networks chambers		28d		08-May-15 A	01-Jul-15	-20d
SHT-1700-MECH	Welding flanges for ARV Valve chamber (DN 75mm, pipeline Dia 200mm, PN16@ Sta.3+743	1d	100%	08-May-15 A	08-May-15 A	
SHT-1680-MECH	Welding flanges for ARV Valve chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.3+301	1d	100%	08-May-15 A	08-May-15 A	
SHT-1710-MECH	Welding flanges for Connection to existing (DN 200&100mm, pipeline Dia 200&100mm, PN16) @3+780	1d	50%	10-Jun-15 A	01-Jul-15	-20d
SHT-1690-MECH	Welding flanges for combined chamber gate valve (DN 200&200mm, pipeline Dia 200&200mm, PN16) @ Sta. 3+490	1d	100%	17-Jun-15 A	17-Jun-15 A	
Mechanical fittings installation		17d		08-May-15 A	01-Jul-15	-5d
Main pipeline chambers		4d		07-Jun-15 A	07-Jun-15 A	
SHT-1740-MECH	Fittings installation for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta. 3+745	1d	100%	07-Jun-15 A	07-Jun-15 A	
SHT-1720-MECH	Fittings installation for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN25) @ Sta. 3+303	1d	100%	07-Jun-15 A	07-Jun-15 A	
Networks chambers		15d		08-May-15 A	01-Jul-15	-5d
SHT-1770-MECH	Fittings installation for ARV Valve chamber (DN 75mm, pipeline Dia 200mm, PN16@ Sta.3+743	1d	100%	08-May-15 A	08-May-15 A	
SHT-1750-MECH	Fittings installation for ARV Valve chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.3+301	1d	100%	08-May-15 A	08-May-15 A	
SHT-1780-MECH	Fittings installation for Connection to existing (DN 200&100mm, pipeline Dia 200&100mm, PN16) @3+780	1d	50%	10-Jun-15 A	01-Jul-15	-5d
SHT-1760-MECH	Fittings installation for combined chamber gate valve (DN 200&200mm, pipeline Dia 200&200mm, PN16) @ Sta. 3+490	1d	100%	17-Jun-15 A	17-Jun-15 A	
Main pipelines & (Milling & overlay for 11-13 m width Exist. asphalt Road)St. 3+780 to3+900		167d		18-Aug-14 A	16-May-15 A	
Safety and Milling		76d		01-Dec-14 A	17-Dec-14 A	
SHT2050	Maintain traffic control and safety plan ,coordination with local authorities and all others parties	76d	100%	01-Dec-14 A	17-Dec-14 A	
SHT2060	Saw cut asphalt	1d	100%	02-Dec-14 A	06-Dec-14 A	
Pipe Installation		4d		04-Dec-14 A	08-Dec-14 A	
SHT2070	Trench excavation for 760 mm main and 100 mm dist. Pipelines with length approx. (120 LM) @ RHS	4d	100%	04-Dec-14 A	08-Dec-14 A	
SHT2080	Bedding layer & install the above main Steel pipeline with required welding inspection and sectional testing @ RHS (UT)	4d	100%	04-Dec-14 A	08-Dec-14 A	
SHT2090	Backfill the pipe trench with approved materials to the required level including 20 cm base course @ RHS	4d	100%	04-Dec-14 A	08-Dec-14 A	
Testing		115d		18-Aug-14 A	16-May-15 A	
SHT2094	Radiographic Testing (RT) Workshop	1d	100%	18-Aug-14 A	18-Aug-14 A	
SHT4172	Pressure Testing for 100 mm dist. Pipelines	2d	100%	13-May-15 A	16-May-15 A	
Asphalt		39d		17-Dec-14 A	25-Apr-15 A	
SHT2100	Asphalt Reinstatement over pipe trench including prime coat and 5 cm asphalt wearing layer	1d	100%	17-Dec-14 A	17-Dec-14 A	
SHT2110	5 cm asphalt wearing course including tack coat	1d	100%	20-Apr-15 A	25-Apr-15 A	



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar

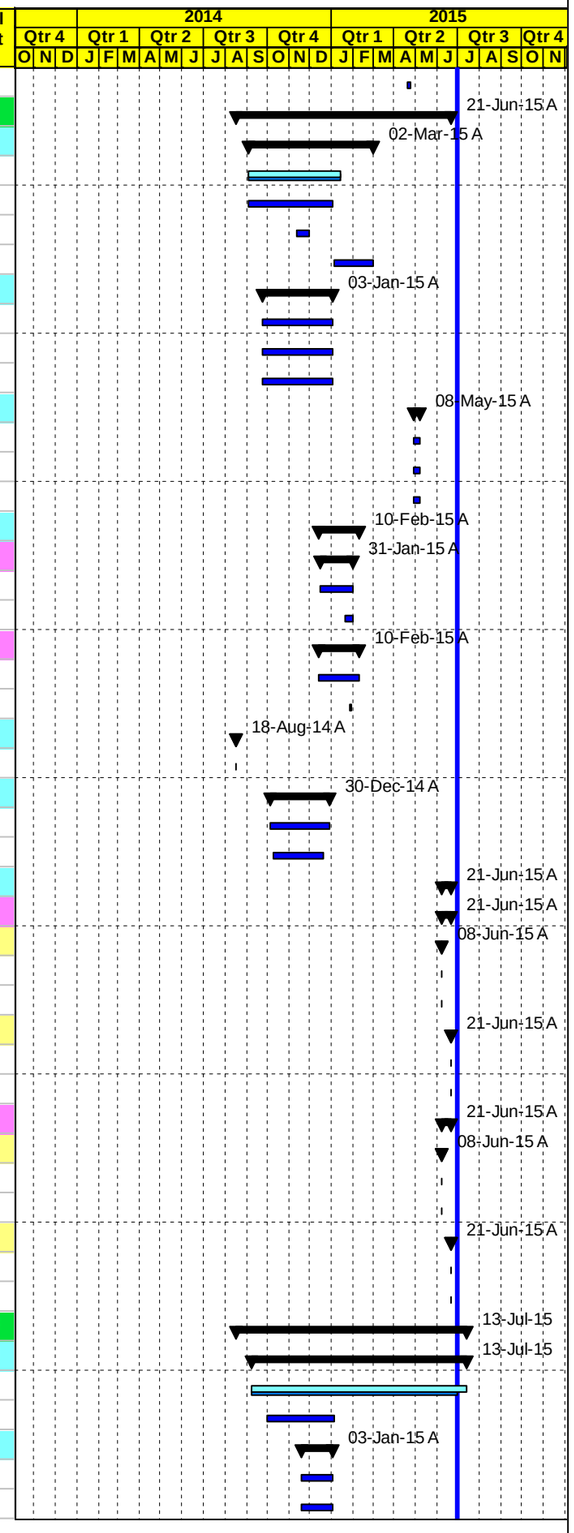
Date	Revision	Checked	Approved
02-Jul-15			

APCO/ArCon CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT2097	Milling	1d	100%	20-Apr-15 A	25-Apr-15 A	
Main pipelines & (Reconstruction for 4m width Exist. Asphalt or Dirt Road) St. 3+900 to 4+640		267d		18-Aug-14 A	21-Jun-15 A	
Safety , Excavation Works and Pipe Culvert		166d		03-Sep-14 A	02-Mar-15 A	
SHT2120	Maintain traffic control plan including grading and widening the road ,coordination with local and all parties	166d	100%	03-Sep-14 A	15-Jan-15 A	
SHT2130	Remove exist asphalt or Road excavation and backfilling to the required subgrade level	22d	100%	04-Sep-14 A	03-Jan-15 A	
SHT2540	Retaining Wall from Sta.4+345 to Sta.4+365 RHS	27d	100%	12-Nov-14 A	30-Nov-14 A	
SHT2590	Retaining Wall from Sta.4+422 to Sta.4+440 LHS	26d	100%	04-Jan-15 A	02-Mar-15 A	
Pipe Installation		17d		24-Sep-14 A	03-Jan-15 A	
SHT2150	Bedding layer & install the above main & dist.Steel pipeline including required welding inspection/sectional testing(UT)	17d	100%	24-Sep-14 A	03-Jan-15 A	
SHT2160	Backfill the pipe trench with approved materials to the required level	17d	100%	24-Sep-14 A	03-Jan-15 A	
SHT2140	Trench excavation for 760 mm main and 100 mm dist. Pipelines with length approx. (740 LM)	17d	100%	24-Sep-14 A	03-Jan-15 A	
Additional Pipe Installation		8d		28-Apr-15 A	08-May-15 A	
SHT2140-new	Trench excavation for 75 mm main Pipeline with length approx. (470 LM) from St. 3+900 to St. 4+370	8d	100%	28-Apr-15 A	08-May-15 A	
SHT2150-new	Bedding layer & install the above main Steel pipeline including required welding inspection	8d	100%	28-Apr-15 A	08-May-15 A	
SHT2160-new	Backfill the pipe trench with approved materials to the required level	8d	100%	28-Apr-15 A	08-May-15 A	
Civil Chamber work		23d		13-Dec-14 A	10-Feb-15 A	
Main pipeline chambers		23d		17-Dec-14 A	31-Jan-15 A	
SHT2190	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25)@ Sta.4+593	17d	100%	17-Dec-14 A	31-Jan-15 A	
SHT2180	Construct - ARV Valve chamber (DN 250mm, pipeline Dia 760mm, PN25)@ Sta.4+082	9d	100%	21-Jan-15 A	31-Jan-15 A	
Networks chambers		8d		13-Dec-14 A	10-Feb-15 A	
SHT2185-new	Construct - Wash out and Gate valve Valve chamber (DN 50&100mm, pipeline Dia 100mm, PN16@ Sta.4+593	7d	100%	13-Dec-14 A	10-Feb-15 A	
SHT2190-new	Construct - ARV Valve chamber (DN 50mm, pipeline Dia 100mm, PN16)@ Sta.4+082	7d	100%	27-Jan-15 A	29-Jan-15 A	
Testing		1d		18-Aug-14 A	18-Aug-14 A	
SHT2193	Radiographic Testing (RT)	1d	100%	18-Aug-14 A	18-Aug-14 A	
Base course and Asphalt		11d		05-Oct-14 A	30-Dec-14 A	
SHT4122	Final Finish Sub grade & 20 cm base course layer From St.4+270 to St. 4+640	7d	100%	05-Oct-14 A	30-Dec-14 A	
SHT2200	Final Finish Sub grade & 20 cm base course layer From St.3+900 to St. 4+270	7d	100%	11-Oct-14 A	20-Dec-14 A	
Mechanical Chambers work		9d		08-Jun-15 A	21-Jun-15 A	
Welding flanges		8d		08-Jun-15 A	21-Jun-15 A	
Main pipeline chambers		2d		08-Jun-15 A	08-Jun-15 A	
SHT-1790-MECH	Welding flanges for ARV Valve chamber (DN 250mm, pipeline Dia 760mm, PN25)@ Sta.4+082	1d	100%	08-Jun-15 A	08-Jun-15 A	
SHT-1800-MECH	Welding flanges for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25)@ Sta.4+593	1d	100%	08-Jun-15 A	08-Jun-15 A	
Networks chambers		2d		21-Jun-15 A	21-Jun-15 A	
SHT-1820-MECH	Welding flanges for Wash out and Gate valve Valve chamber (DN 50&100mm, pipeline Dia 100mm, PN16@ Sta.4+593	1d	100%	21-Jun-15 A	21-Jun-15 A	
SHT-1810-MECH	Welding flanges for ARV Valve chamber (DN 50mm, pipeline Dia 100mm, PN16)@ Sta.4+082	1d	100%	21-Jun-15 A	21-Jun-15 A	
Mechanical fittings installation		5d		08-Jun-15 A	21-Jun-15 A	
Main pipeline chambers		2d		08-Jun-15 A	08-Jun-15 A	
SHT-1830-MECH	Fittings installation for ARV Valve chamber (DN 250mm, pipeline Dia 760mm, PN25)@ Sta.4+082	1d	100%	08-Jun-15 A	08-Jun-15 A	
SHT-1840-MECH	Fittings installation for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25)@ Sta.4+593	1d	100%	08-Jun-15 A	08-Jun-15 A	
Networks chambers		2d		21-Jun-15 A	21-Jun-15 A	
SHT-1860-MECH	Fittings installation for Wash out and Gate valve Valve chamber (DN 50&100mm, pipeline Dia 100mm, PN16@ Sta.4+593	1d	100%	21-Jun-15 A	21-Jun-15 A	
SHT-1850-MECH	Fittings installation for ARV Valve chamber (DN 50mm, pipeline Dia 100mm, PN16)@ Sta.4+082	1d	100%	21-Jun-15 A	21-Jun-15 A	
Main pipelines including (Reconstruction 4m width dirt road at agricultural area)St. 4+640-5+300		261d		18-Aug-14 A	13-Jul-15	-22d
Safety and Excavation Works		120d		09-Sep-14 A	13-Jul-15	-19d
SHT2220	Maintain traffic control plan including road grading and widening ,coordination with local and all parties	64d	80%	09-Sep-14 A	13-Jul-15	-19d
SHT2230	Road excavation and backfilling to the required subgrade level	16d	100%	02-Oct-14 A	05-Jan-15 A	
Pipe Installation		18d		20-Nov-14 A	03-Jan-15 A	
SHT2240	Trench excavation for 760 mm main Pipeline with length approx. (660 LM)	18d	100%	20-Nov-14 A	03-Jan-15 A	
SHT2250	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	18d	100%	20-Nov-14 A	03-Jan-15 A	



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar

Date	Revision	Checked	Approved
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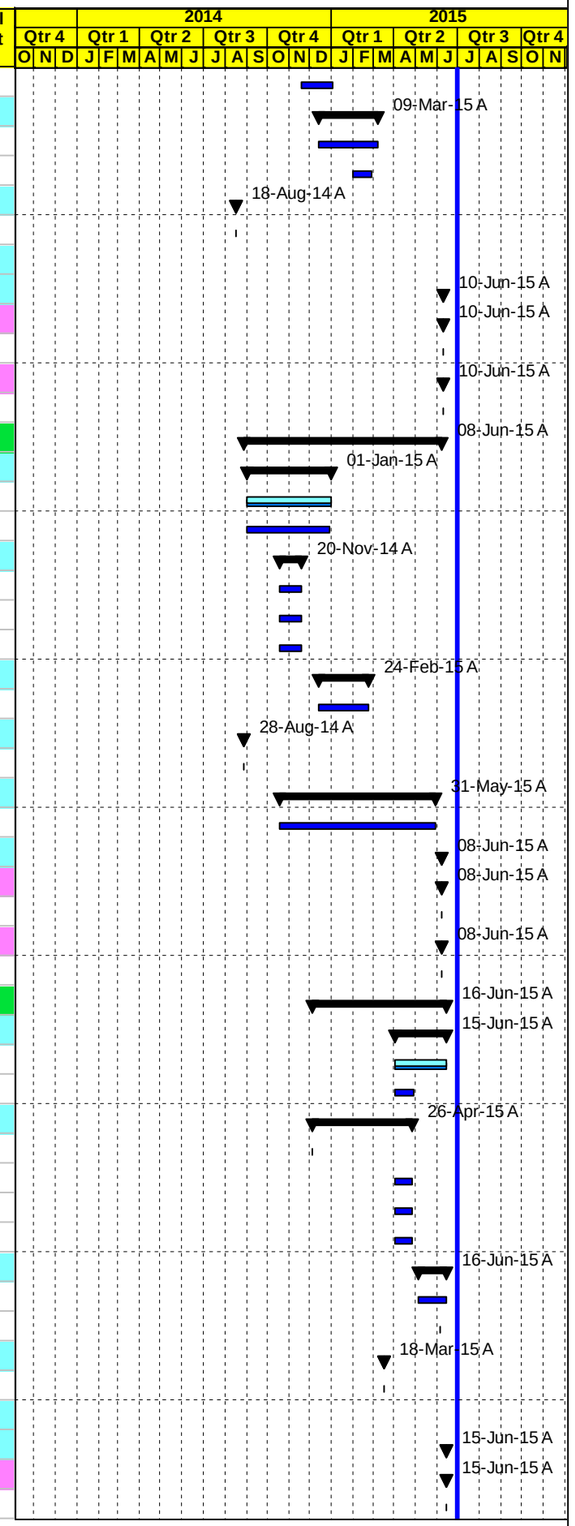
APCO/ArCon CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT2260	Backfill the pipe trench with approved materials to the required level	18d	100%	20-Nov-14 A	03-Jan-15 A	
Chamber work		33d		13-Dec-14 A	09-Mar-15 A	
SHT2280	Construct -Beit Ummar Flow Monitoring chamber (DN 500mm, pipeline Dia 760mm, PN25) @ Sta 4+625	24d	100%	13-Dec-14 A	09-Mar-15 A	
SHT2270	Construct -ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.4+993	18d	100%	31-Jan-15 A	28-Feb-15 A	
Testing		1d		18-Aug-14 A	18-Aug-14 A	
SHT2283	Radiographic Testing (RT) Workshop	1d	100%	18-Aug-14 A	18-Aug-14 A	
Base course		0d				0d
Mechanical Chambers work		2d		10-Jun-15 A	10-Jun-15 A	
Welding flanges		1d		10-Jun-15 A	10-Jun-15 A	
SHT-1900-MECH	Welding flanges for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.4+993	1d	100%	10-Jun-15 A	10-Jun-15 A	
Mechanical fittings installation		1d		10-Jun-15 A	10-Jun-15 A	
SHT-1920-MECH	Fittings installation for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.4+993	1d	100%	10-Jun-15 A	10-Jun-15 A	
Main pipelines including (Reconstruction 4m width dirt road at agricultural area)St. 5+300-5+837		251d		28-Aug-14 A	08-Jun-15 A	
Safety and Excavation Works		71d		02-Sep-14 A	01-Jan-15 A	
SHT2320	Maintain traffic control plan including road grading and widening ,coordination with local and all parties	53d	100%	02-Sep-14 A	01-Jan-15 A	
SHT2330	Road excavation and backfilling to the required subgrade level	19d	100%	03-Sep-14 A	29-Dec-14 A	
Pipe Installation		20d		19-Oct-14 A	20-Nov-14 A	
SHT2340	Trench excavation for 760 mm main Pipeline with length approx. (537 LM)	18d	100%	19-Oct-14 A	20-Nov-14 A	
SHT2350	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	18d	100%	20-Oct-14 A	20-Nov-14 A	
SHT2360	Backfill the pipe trench with approved materials to the required level	18d	100%	20-Oct-14 A	20-Nov-14 A	
Civil Chamber work		21d		14-Dec-14 A	24-Feb-15 A	
SHT2380	Construct -AR/AV Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.5+607	21d	100%	14-Dec-14 A	24-Feb-15 A	
Testing		1d		28-Aug-14 A	28-Aug-14 A	
SHT2383	Radiographic Testing (RT) Workshop	1d	100%	28-Aug-14 A	28-Aug-14 A	
Base course		21d		18-Oct-14 A	31-May-15 A	
SHT2390	Final Finish Sub grade & 20 cm base course layer	21d	100%	18-Oct-14 A	31-May-15 A	
Mechanical Chambers work		3d		08-Jun-15 A	08-Jun-15 A	
Welding flanges		1d		08-Jun-15 A	08-Jun-15 A	
SHT-1930-MECH	Welding flanges for AR/AV Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.5+607	1d	100%	08-Jun-15 A	08-Jun-15 A	
Mechanical fittings installation		1d		08-Jun-15 A	08-Jun-15 A	
SHT-1940-MECH	Fittings installation for AR/AV Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.5+607	1d	100%	08-Jun-15 A	08-Jun-15 A	
Main pipelines & (Area C intersection to Karmi Tzur) From St. 5+837 to 6+220		133d		04-Dec-14 A	16-Jun-15 A	
Safety and Pipe Culvert		17d		01-Apr-15 A	15-Jun-15 A	
SHT3390	Maintain traffic control & safety plan to include local access to residance , corrdination with israile authorities	17d	100%	01-Apr-15 A	15-Jun-15 A	
SHT3909	Road excavation and backfilling to the required subgrade level from St. 5+837 to St. 6+000	8d	100%	02-Apr-15 A	28-Apr-15 A	
Pipe Installation		86d		04-Dec-14 A	26-Apr-15 A	
SHT3397	Road Crossing Karm Tzur (Working night shift)	1d	100%	04-Dec-14 A	04-Dec-14 A	
SHT3400	Trench excavation side the road for 760 mm main Pipeline with length approx. (383 LM)	21d	100%	02-Apr-15 A	26-Apr-15 A	
SHT3405	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	21d	100%	02-Apr-15 A	26-Apr-15 A	
SHT3407	Backfill the pipe trench with approved materials to the required level	21d	100%	02-Apr-15 A	26-Apr-15 A	
Civil Chamber work		34d		06-May-15 A	16-Jun-15 A	
SHT2370	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.5+894	21d	100%	06-May-15 A	16-Jun-15 A	
SHT3410	Construct - ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.6+060	8d	100%	07-Jun-15 A	07-Jun-15 A	
Testing		1d		18-Mar-15 A	18-Mar-15 A	
SHT3412	Radiographic Testing (RT)	1d	100%	18-Mar-15 A	18-Mar-15 A	
Base course		0d				0d
Mechanical Chambers work		2d		15-Jun-15 A	15-Jun-15 A	
Welding flanges		1d		15-Jun-15 A	15-Jun-15 A	
SHT-1970-MECH	Welding flanges for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.6+060	1d	100%	15-Jun-15 A	15-Jun-15 A	



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar

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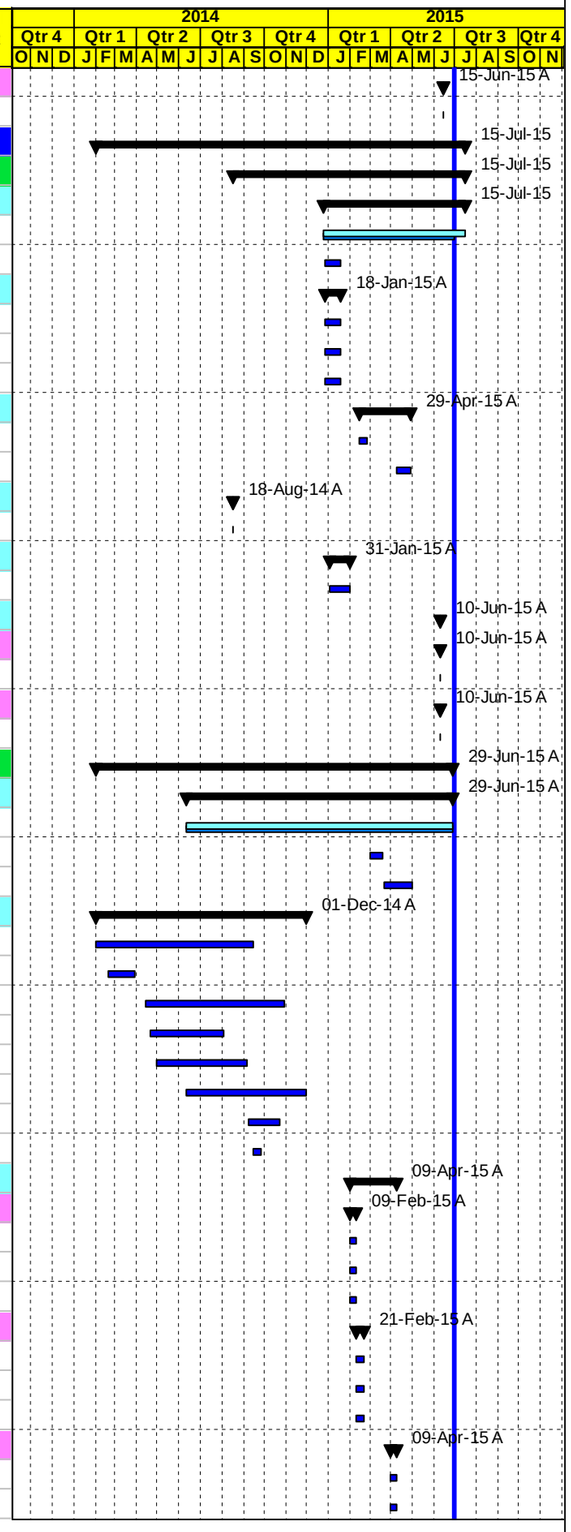
APCO ArCon CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
Mechanical fittings installation		1d		15-Jun-15 A	15-Jun-15 A	
SHT-1990-MECH	Fittings installation for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.6+060	1d	100%	15-Jun-15 A	15-Jun-15 A	
Phase #3 Main pipelines, Network & Road Works St.6+239 to 7+950		484d		01-Feb-14 A	15-Jul-15	-27d
Main pipelines & (Reconstruct 4m width Exist asphalt or dirt road at agricultural) St.6+239 to 6+824		141d		18-Aug-14 A	15-Jul-15	-27d
Safety and Excavation Works		49d		24-Dec-14 A	15-Jul-15	-23d
SHT3300	Maintain traffic control and safety plan to include local access to residence ,all coordination	49d	80%	24-Dec-14 A	15-Jul-15	-23d
SHT3310	Remove exist asphalt , Road excavation and backfilling to the required subgrade level	6d	100%	27-Dec-14 A	18-Jan-15 A	
Pipe Installation		16d		27-Dec-14 A	18-Jan-15 A	
SHT3320	Trench excavation for 760 mm main Pipeline with length approx. (620 LM)	16d	100%	27-Dec-14 A	18-Jan-15 A	
SHT3330	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	16d	100%	27-Dec-14 A	18-Jan-15 A	
SHT3340	Backfill the pipe trench with approved materials to the required level	16d	100%	27-Dec-14 A	18-Jan-15 A	
Civil Chamber work		44d		14-Feb-15 A	29-Apr-15 A	
SHT3350	Construct - ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.6+600	21d	100%	14-Feb-15 A	26-Feb-15 A	
SHT3360	Construct - Karm Tzur Deir Sha'ar connection chamber (DN 75mm, pipeline Dia 760mm, PN16) @ Sta. 6+240 RHS	19d	100%	08-Apr-15 A	29-Apr-15 A	
Testing		1d		18-Aug-14 A	18-Aug-14 A	
SHT3362	Radiographic Testing (RT) Workshop	1d	100%	18-Aug-14 A	18-Aug-14 A	
Base course and Asphalt		9d		03-Jan-15 A	31-Jan-15 A	
SHT3370	Final Finish Sub grade & 20 cm base course layer	9d	100%	03-Jan-15 A	31-Jan-15 A	
Mechanical Chambers work		2d		10-Jun-15 A	10-Jun-15 A	
Welding flanges		1d		10-Jun-15 A	10-Jun-15 A	
SHT-2010-MECH	Welding flanges for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.6+600	1d	100%	10-Jun-15 A	10-Jun-15 A	
Mechanical fittings installation		1d		10-Jun-15 A	10-Jun-15 A	
SHT-2030-MECH	Fittings installation for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.6+600	1d	100%	10-Jun-15 A	10-Jun-15 A	
Main pipelines(Reconstruct four lane width of Exist road at residential area)St.6+824 to 7+515		484d		01-Feb-14 A	29-Jun-15 A	
Safety and Excavation Works		84d		12-Jun-14 A	29-Jun-15 A	
SHT3010	Implement traffic control and safety plan ,all coordination and relocate utilities if required	73d	100%	12-Jun-14 A	29-Jun-15 A	
SHT3020	Road excavation and backfilling to the required subgrade level RHS & LHS	20d	100%	01-Mar-15 A	20-Mar-15 A	
SHT3220	Storm concrete system &crossing pipes and catch basin from Sta.7+180 to Sta.7+240 and from Sta.7+300 to Sta.7+345	15d	100%	21-Mar-15 A	02-May-15 A	
Concrete Walls		286d		01-Feb-14 A	01-Dec-14 A	
SHT1117	Structural excavation for retaining walls	21d	100%	01-Feb-14 A	15-Sep-14 A	
SHT1385-new	Concrete retaining wall Retaining Wall from Sta.7+095 to Sta. 7+204.23 LHS (110 LM)	51d	100%	20-Feb-14 A	30-Mar-14 A	
SHT1387-new	Concrete Retaining Wall from Sta.7+389.32 to Sta. 7+505 LHS = length (115 LM)	61d	100%	14-Apr-14 A	29-Oct-14 A	
SHT1389-new	Concrete Retaining Wall from Sta.7+364.35 to Sta. 7+389.32 LHS = length (25 LM)	21d	100%	20-Apr-14 A	03-Aug-14 A	
SHT1388-new	Concrete Retaining Wall from Sta.7+204.23 to Sta. 7+364.35 LHS = length (160 LM)	76d	100%	30-Apr-14 A	06-Sep-14 A	
SHT3190	Backfilling behind retaining wall	37d	100%	12-Jun-14 A	01-Dec-14 A	
SHT1165	Boundary Wall from Sta.6+971 to Sta.7+036 RHS	23d	100%	09-Sep-14 A	22-Oct-14 A	
SHT1135	Concrete retaining wall from sta.7+180 to access road.	21d	100%	15-Sep-14 A	27-Sep-14 A	
Pipe Installation		102d		02-Feb-15 A	09-Apr-15 A	
760 mm main pipeline and 150 mm dist.pipeline		8d		02-Feb-15 A	09-Feb-15 A	
SHT3070	Backfill the pipe trench with approved materials to the required level RHS	8d	100%	02-Feb-15 A	09-Feb-15 A	
SHT3050	Trench excavation for 760 mm main pipeline and 150 mm dist.pipeline from 7+515 to 7+157 with length approx. (358LM) R	8d	100%	02-Feb-15 A	09-Feb-15 A	
SHT3060	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT) RHS	8d	100%	02-Feb-15 A	09-Feb-15 A	
760 mm main pipeline and 100 mm dist.pipeline		4d		10-Feb-15 A	21-Feb-15 A	
SHT3072	Trench excavation for 760 mm main pipeline and 100 mm dist.pipeline from 7+157 to 6+824 with length approx. (333 LM)	4d	100%	10-Feb-15 A	21-Feb-15 A	
SHT3074	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT) RHS	4d	100%	10-Feb-15 A	21-Feb-15 A	
SHT3076	Backfill the pipe trench with approved materials to the required level RHS	4d	100%	10-Feb-15 A	21-Feb-15 A	
Additional Pipe Installation		8d		01-Apr-15 A	09-Apr-15 A	
SHT2140-new10	Trench excavation for 75 mm main Pipeline (Road crossing)with length approx. (136 LM	8d	100%	01-Apr-15 A	09-Apr-15 A	
SHT2150-new10	Bedding layer & install the above main Steel pipeline including required welding inspection	8d	100%	01-Apr-15 A	09-Apr-15 A	



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar

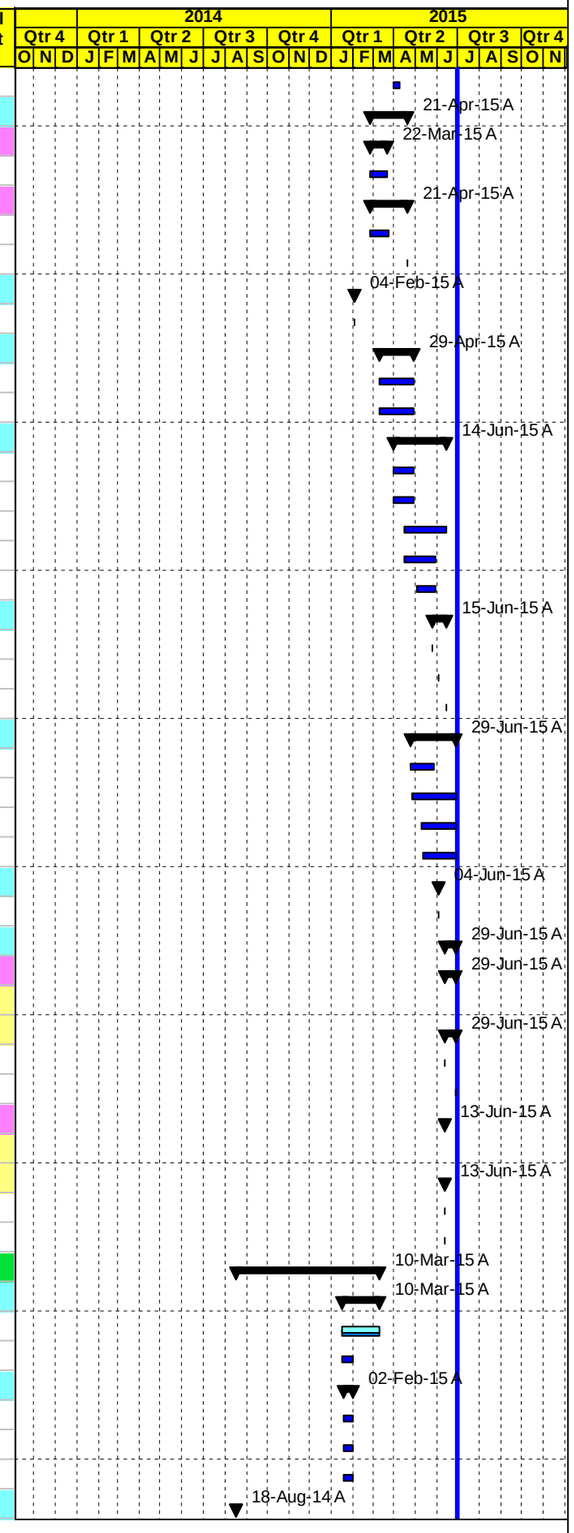
Date	Revision	Checked	Approved
02-Jul-15			

APCO/ArCon CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT2160-new10	Backfill the pipe trench with approved materials to the required level	8d	100%	01-Apr-15 A	09-Apr-15 A	
Civil Chamber work		39d		26-Feb-15 A	21-Apr-15 A	
Main pipeline chambers		21d		26-Feb-15 A	22-Mar-15 A	
SHT3100	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN25) @ Sta.7+192 RHS	21d	100%	26-Feb-15 A	22-Mar-15 A	
Networks chambers		39d		26-Feb-15 A	21-Apr-15 A	
SHT3103-new	Construct - Wash out Valve chamber (DN 75mm, pipeline Dia 150mm, PN16) @ Sta.7+199	8d	100%	26-Feb-15 A	25-Mar-15 A	
SHT3101-new	Construct - Gate valve (DN 100mm, pipeline Dia 100mm, PN16) @ Sta. 6+822	8d	100%	20-Apr-15 A	21-Apr-15 A	
Testing		1d		04-Feb-15 A	04-Feb-15 A	
SHT3102	Radiographic Testing (RT)	1d	100%	04-Feb-15 A	04-Feb-15 A	
Topping		20d		10-Mar-15 A	29-Apr-15 A	
SHT3110	Final Finish Sub grade & 20 cm thick for toping layer RHS	10d	100%	10-Mar-15 A	29-Apr-15 A	
SHT3230	Final Finish Sub grade & 20 cm thick for toping layer LHS	11d	100%	11-Mar-15 A	29-Apr-15 A	
PVC, Base course		31d		01-Apr-15 A	14-Jun-15 A	
SHT3130	20 cm thick for first base course layer RHS	10d	100%	01-Apr-15 A	28-Apr-15 A	
SHT3240	20 cm thick for first base course layer LHS	10d	100%	01-Apr-15 A	28-Apr-15 A	
SHT3140	20 cm thick for second base course layer RHS	21d	100%	15-Apr-15 A	14-Jun-15 A	
SHT3250	20 cm thick for second base course layer LHS	21d	100%	15-Apr-15 A	31-May-15 A	
SHT3120	Reinf.concrete foundation and PVC conduit cable for street lighting RHS	12d	100%	03-May-15 A	31-May-15 A	
Binder Asphalt		15d		26-May-15 A	15-Jun-15 A	
SHT3260	5cm asphalt binder course including prime coat from St. 6+824 to St. 7+080	2d	100%	26-May-15 A	26-May-15 A	
SHT4192	5cm asphalt binder course including prime coat from St. 7+080 to St. 7+515 LHS	2d	100%	04-Jun-15 A	04-Jun-15 A	
SHT3150	5cm asphalt binder course including prime coat from St. 7+080 to St. 7+515 RHS	2d	100%	15-Jun-15 A	15-Jun-15 A	
Side Walk		50d		25-Apr-15 A	29-Jun-15 A	
SHT3270	construct curbstone after Saw cut the edge of asphalt binder course LHS	10d	100%	25-Apr-15 A	28-May-15 A	
SHT3160	Construct curbstone after Saw cut the edge of asphalt binder course RHS	21d	100%	26-Apr-15 A	29-Jun-15 A	
SHT3280	Reinforced concrete side walks, ramps including 15 cm base course under side walk LHS	21d	100%	11-May-15 A	29-Jun-15 A	
SHT3170	Reinforced concrete side walks, ramps including 15 cm base course under side walk RHS	21d	100%	12-May-15 A	29-Jun-15 A	
Wearing Asphalt		5d		04-Jun-15 A	04-Jun-15 A	
SHT3530	install street lighting units	5d	100%	04-Jun-15 A	04-Jun-15 A	
Mechanical Chambers work		18d		13-Jun-15 A	29-Jun-15 A	
Welding flanges		18d		13-Jun-15 A	29-Jun-15 A	
Main pipeline chambers		0d				0d
Networks chambers		16d		13-Jun-15 A	29-Jun-15 A	
SHT-2070-MECH	Welding flanges for Wash out Valve chamber (DN 75mm, pipeline Dia 150mm, PN16) @ Sta.7+199	1d	100%	13-Jun-15 A	13-Jun-15 A	
SHT-2060-MECH	Welding flanges for Gate valve (DN 100mm, pipeline Dia 100mm, PN16) @ Sta. 6+822	1d	100%	29-Jun-15 A	29-Jun-15 A	
Mechanical fittings installation		3d		13-Jun-15 A	13-Jun-15 A	
Main pipeline chambers		0d				0d
Networks chambers		3d		13-Jun-15 A	13-Jun-15 A	
SHT-2090-MECH	Fittings installation for Gate valve (DN 100mm, pipeline Dia 100mm, PN16) @ Sta. 6+822	1d	100%	13-Jun-15 A	13-Jun-15 A	
SHT-2100-MECH	Fittings installation for Wash out Valve chamber (DN 75mm, pipeline Dia 150mm, PN16) @ Sta.7+199	1d	100%	13-Jun-15 A	13-Jun-15 A	
Main pipelines &(Milling & over lay two lane width Exist road at residential area) St.7+515 to 7+950		104d		18-Aug-14 A	10-Mar-15 A	
Safety and Milling		81d		15-Jan-15 A	10-Mar-15 A	
SHT2910	Maintain traffic control and safety plan RHS , coordination with local and all parties	81d	100%	15-Jan-15 A	10-Mar-15 A	
SHT2920	Saw cut asphalt	15d	100%	16-Jan-15 A	02-Feb-15 A	
Pipe Installation		12d		19-Jan-15 A	02-Feb-15 A	
SHT2930	Trench excavation for 760 mm main pipeline and 150mm dist.pipeline 7+515 to 7+950 (435 LM)	12d	100%	19-Jan-15 A	02-Feb-15 A	
SHT2940	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	12d	100%	19-Jan-15 A	02-Feb-15 A	
SHT2950	Backfill the pipe trench with approved materials to the required level including base course	12d	100%	19-Jan-15 A	02-Feb-15 A	
Testing		1d		18-Aug-14 A	18-Aug-14 A	



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar

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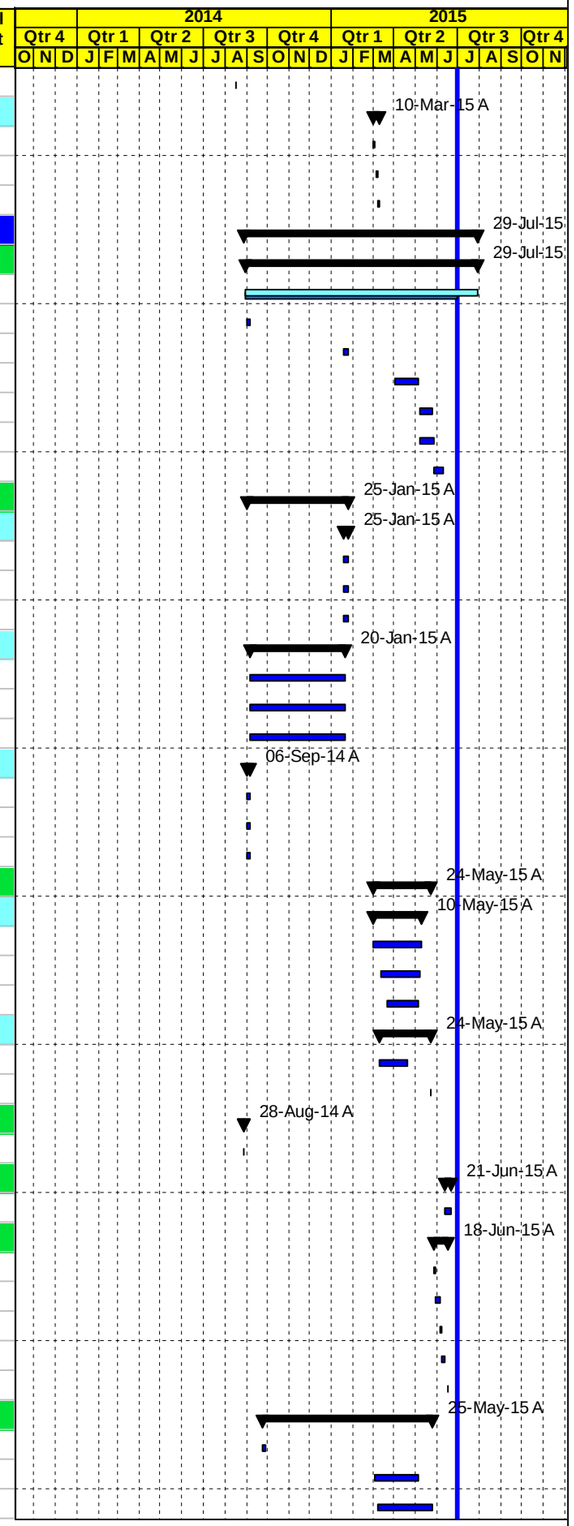
APCO/ArCon CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT2952	Radiographic Testing (RT) Workshop	1d	100%	18-Aug-14 A	18-Aug-14 A	
Asphalt		32d		01-Mar-15 A	10-Mar-15 A	
SHT2957	Milling	1d	100%	01-Mar-15 A	05-Mar-15 A	
SHT2960	Asphalt Reinstatements over pipe trench including prime coat and 5 cm asphalt wearing layer	2d	100%	07-Mar-15 A	09-Mar-15 A	
SHT3000	5 cm asphalt wearing course including tack coat from St. 7+515 to St. 7+935	2d	100%	08-Mar-15 A	10-Mar-15 A	
Phase #4 Main pipelines &(Milling & over lay two lane width Exist road) St.7+950 to 9+027		293d		28-Aug-14 A	29-Jul-15	-30d
Safety , Milling and Storm system		279d		31-Aug-14 A	29-Jul-15	-30d
SHT2800	Maintain traffic control and safety plan , coordination with local and all parties	92d	76.22%	31-Aug-14 A	29-Jul-15	-23d
SHT2810	Saw cut asphalt from 8+271 To 9+027	2d	100%	01-Sep-14 A	06-Sep-14 A	
SHT4162	Saw cut asphalt from 7+950 To 8+270	2d	100%	19-Jan-15 A	25-Jan-15 A	
SHT2970	Concrete Pipes for storm system From St. 8+230 to St. 8+570	35d	100%	02-Apr-15 A	06-May-15 A	
SHT2980	400 mm crossing pipes and catch basin From St. 7+230 to St. 8+570	15d	100%	09-May-15 A	26-May-15 A	
SHT2890	Concrete Pipes for storm system From St. 7+950 to St. 8+240	30d	100%	09-May-15 A	27-May-15 A	
SHT4182	400 mm crossing pipes and catch basin From St. 7+950 to St. 8+240	20d	100%	28-May-15 A	10-Jun-15 A	
Pipe Installation		101d		01-Sep-14 A	25-Jan-15 A	
760 mm main pipeline and 150mm dist.pipeline- 7+950 to St. 8+271		11d		19-Jan-15 A	25-Jan-15 A	
SHT4132	Trench excavation for 760 mm main pipeline and 150mm dist.pipeline 7+950 to 8+271 (321 LM)	11d	100%	19-Jan-15 A	25-Jan-15 A	
SHT4142	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	11d	100%	19-Jan-15 A	25-Jan-15 A	
SHT4152	Backfill the pipe trench with approved materials to the required level including base course	11d	100%	19-Jan-15 A	25-Jan-15 A	
760 mm main pipeline and 150mm dist.pipeline		17d		06-Sep-14 A	20-Jan-15 A	
SHT2862	Bedding layer & install the all main Steel pipeline including required welding inspection / sectional testing (UT)	17d	100%	06-Sep-14 A	20-Jan-15 A	
SHT2864	Backfill the pipe trench with approved materials to the required level including base course	17d	100%	06-Sep-14 A	20-Jan-15 A	
SHT2860	Trench excavation for 760 mm main pipeline and 150mm dist.pipeline 8+271 TO 8+880 (633 LM)	17d	100%	06-Sep-14 A	20-Jan-15 A	
760 mm main pipeline and 300mm dist.pipeline		7d		01-Sep-14 A	06-Sep-14 A	
SHT2820	Trench excavation for 760 mm main pipeline and 300mm dist.pipeline from 8+904 TO 9+027 (123 LM)	6d	100%	01-Sep-14 A	06-Sep-14 A	
SHT2830	Bedding layer & install the all main Steel pipeline including required welding inspection / sectional testing (UT)	6d	100%	01-Sep-14 A	06-Sep-14 A	
SHT2850	Backfill the pipe trench with approved materials to the required level including base course	6d	100%	01-Sep-14 A	06-Sep-14 A	
Civil Chamber work		66d		01-Mar-15 A	24-May-15 A	
Main pipeline chambers		37d		01-Mar-15 A	10-May-15 A	
SHT2870	Construct - Halhul connection chamber (DN 300mm, pipeline Dia 760mm, PN16) @ Sta. 8+889 RHS	20d	100%	01-Mar-15 A	10-May-15 A	
SHT2865	Construct - 150 AR/AV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.8+875	21d	100%	14-Mar-15 A	09-May-15 A	
SHT2880	Construct - ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta. 8+400	20d	100%	21-Mar-15 A	06-May-15 A	
Networks chambers		48d		10-Mar-15 A	24-May-15 A	
SHT2884-new	Construct - Halhul Connection to Halhul existing chamber (DN 150mm, pipeline Dia 150mm, PN16)@St. 8+875	21d	100%	10-Mar-15 A	21-Apr-15 A	
SHT2882-new	Construct - ARV Valve chamber (DN 75mm, pipeline Dia150mm, PN16) @ Sta. 8+397	8d	100%	23-May-15 A	24-May-15 A	
Testing		1d		28-Aug-14 A	28-Aug-14 A	
SHT2883	Radiographic Testing (RT) Workshop	1d	100%	28-Aug-14 A	28-Aug-14 A	
Milling & over lay from St. 7+935 to St. 8+230		5d		13-Jun-15 A	21-Jun-15 A	
SHT4093-new	Asphalt Reinstatement	5d	100%	13-Jun-15 A	21-Jun-15 A	
Change Original scoping of project works (reconstruction road from St. 8+230 to St. 8+570)		18d		27-May-15 A	18-Jun-15 A	
SHT4080-new	Road excavation and backfilling to the required subgrade level From St. 8+230 to St. 8+570	5d	100%	27-May-15 A	30-May-15 A	
SHT4090-new	Finish sub-grade layer	8d	100%	31-May-15 A	06-Jun-15 A	
SHT4100-new	15 cm thick for first base course layer From St. 8+230 to St. 8+570	6d	100%	06-Jun-15 A	09-Jun-15 A	
SHT4110-new	15 cm thick for second base course layer From St. 8+230 to St. 8+570	6d	100%	09-Jun-15 A	13-Jun-15 A	
SHT4140-new	5 cm asphalt binder course including prime coat From St. 8+230 to St. 8+570	2d	100%	18-Jun-15 A	18-Jun-15 A	
Milling & over lay from 8+570 to St. 9+027		73d		24-Sep-14 A	25-May-15 A	
SHT2900	Asphalt Reinstatements over pipe trench including prime coat and 5 cm asphalt wearing layer	4d	100%	24-Sep-14 A	28-Sep-14 A	
SHT2888	Milling from 8+570 to St. 9+027	1d	100%	05-Mar-15 A	06-May-15 A	
SHT4080	5 cm asphalt wearing course including tack coat from 8+570 to St. 9+027	2d	100%	09-Mar-15 A	25-May-15 A	



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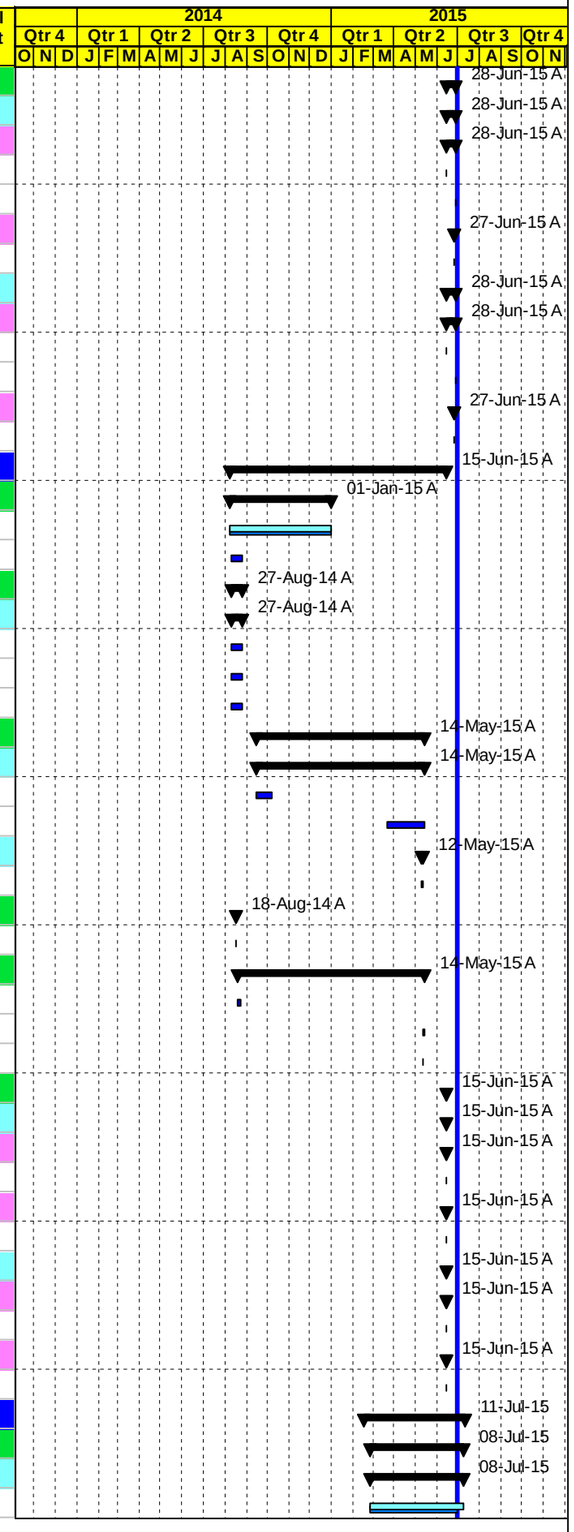
APCO ArCon CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
Mechanical Chambers work		17d		14-Jun-15 A	28-Jun-15 A	
Welding flanges		16d		14-Jun-15 A	28-Jun-15 A	
Main pipeline chambers		16d		14-Jun-15 A	28-Jun-15 A	
SHT-2120-MECH	Welding flanges for 150 AR/AV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.8+875	1d	100%	14-Jun-15 A	14-Jun-15 A	
SHT-2110-MECH	Welding flanges for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta. 8+400	1d	100%	28-Jun-15 A	28-Jun-15 A	
Networks chambers		1d		27-Jun-15 A	27-Jun-15 A	
SHT-2140-MECH	Welding flanges for ARV Valve chamber (DN 75mm, pipeline Dia150mm, PN16) @ Sta. 8+397	1d	100%	27-Jun-15 A	27-Jun-15 A	
Mechanical fittings installation		15d		14-Jun-15 A	28-Jun-15 A	
Main pipeline chambers		13d		14-Jun-15 A	28-Jun-15 A	
SHT-2170-MECH	Fittings installation for 150 AR/AV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.8+875	1d	100%	14-Jun-15 A	14-Jun-15 A	
SHT-2160-MECH	Fittings installation for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta. 8+400	1d	100%	28-Jun-15 A	28-Jun-15 A	
Networks chambers		1d		27-Jun-15 A	27-Jun-15 A	
SHT-2190-MECH	Fittings installation for ARV Valve chamber (DN 75mm, pipeline Dia150mm, PN16) @ Sta. 8+397	1d	100%	27-Jun-15 A	27-Jun-15 A	
Phase #5 Main pipelines&(Milling & overlay 11-13m width Exist road) St. 9+027 to 9+418		331d		09-Aug-14 A	15-Jun-15 A	
Safety and Milling		96d		09-Aug-14 A	01-Jan-15 A	
SHT2700	Maintain traffic control & safety plan to include local access to residance ,all corrdination & relocate utilities	96d	100%	09-Aug-14 A	01-Jan-15 A	
SHT2710	saw cut asphalt	2d	100%	10-Aug-14 A	27-Aug-14 A	
Pipe Installation		16d		10-Aug-14 A	27-Aug-14 A	
760 mm main pipeline & 200mm dist.pipeline		16d		10-Aug-14 A	27-Aug-14 A	
SHT2750	Trench excavation for 760 mm main pipeline & 200mm dist.pipeline from 9+027 TO 9+418 (391 LM)	16d	100%	10-Aug-14 A	27-Aug-14 A	
SHT2753	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	16d	100%	10-Aug-14 A	27-Aug-14 A	
SHT2755	Backfill the pipe trench with approved materials to the required level	16d	100%	10-Aug-14 A	27-Aug-14 A	
Civil Chamber work		160d		15-Sep-14 A	14-May-15 A	
Main pipeline chambers		134d		15-Sep-14 A	14-May-15 A	
SHT2770	Construct - Halhul distribution connection chamber (Kharas junction)-(DN200mm, pipeline Dia300mm,PN16) @ Sta.9+052 RHS	22d	100%	15-Sep-14 A	08-Oct-14 A	
SHT2760	Construct - ARV Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.9+210	20d	100%	22-Mar-15 A	14-May-15 A	
Networks chambers		8d		11-May-15 A	12-May-15 A	
SHT2785-new	Construct - ARV Valve chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.9+180	8d	100%	11-May-15 A	12-May-15 A	
Testing		1d		18-Aug-14 A	18-Aug-14 A	
SHT2772	Radiographic Testing (RT) Workshop	1d	100%	18-Aug-14 A	18-Aug-14 A	
Basecourse and Asphalt		84d		20-Aug-14 A	14-May-15 A	
SHT2780	Asphalt Reinstatement over pipe trench including prime coat from St. 9+027-9+220& St. 9+390 -9+418	2d	100%	20-Aug-14 A	25-Aug-14 A	
SHT2790	5 cm asphalt wearing course including tack coat	2d	100%	12-May-15 A	14-May-15 A	
SHT2777	Milling	1d	100%	12-May-15 A	12-May-15 A	
Mechanical Chambers work		15d		15-Jun-15 A	15-Jun-15 A	
Welding flanges		2d		15-Jun-15 A	15-Jun-15 A	
Main pipeline chambers		1d		15-Jun-15 A	15-Jun-15 A	
SHT-2220-MECH	Welding flanges for ARV Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.9+210	1d	100%	15-Jun-15 A	15-Jun-15 A	
Networks chambers		1d		15-Jun-15 A	15-Jun-15 A	
SHT-2230-MECH	Welding flanges for ARV Valve chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.9+180	1d	100%	15-Jun-15 A	15-Jun-15 A	
Mechanical fittings installation		12d		15-Jun-15 A	15-Jun-15 A	
Main pipeline chambers		1d		15-Jun-15 A	15-Jun-15 A	
SHT-2250-MECH	Fittings installation for ARV Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.9+210	1d	100%	15-Jun-15 A	15-Jun-15 A	
Networks chambers		1d		15-Jun-15 A	15-Jun-15 A	
SHT-2260-MECH	Fittings installation for ARV Valve chamber (DN 75mm, pipeline Dia 200mm, PN16) @ Sta.9+180	1d	100%	15-Jun-15 A	15-Jun-15 A	
Phase #6 Main pipelines, Network & Road Works St.9+418 to 11+000		135d		17-Feb-15 A	11-Jul-15	-28d
Main pipelines&(Rehabilitation Exist road at residential area)St.9+418 to 9+880		122d		24-Feb-15 A	08-Jul-15	-28d
Safety and Excavation Works		52d		24-Feb-15 A	08-Jul-15	-24d
SHT4000	Maintain traffic control & safety plan to include local access to residance ,all corrdination & relocate utilities	52d	50%	24-Feb-15 A	08-Jul-15	-24d



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar

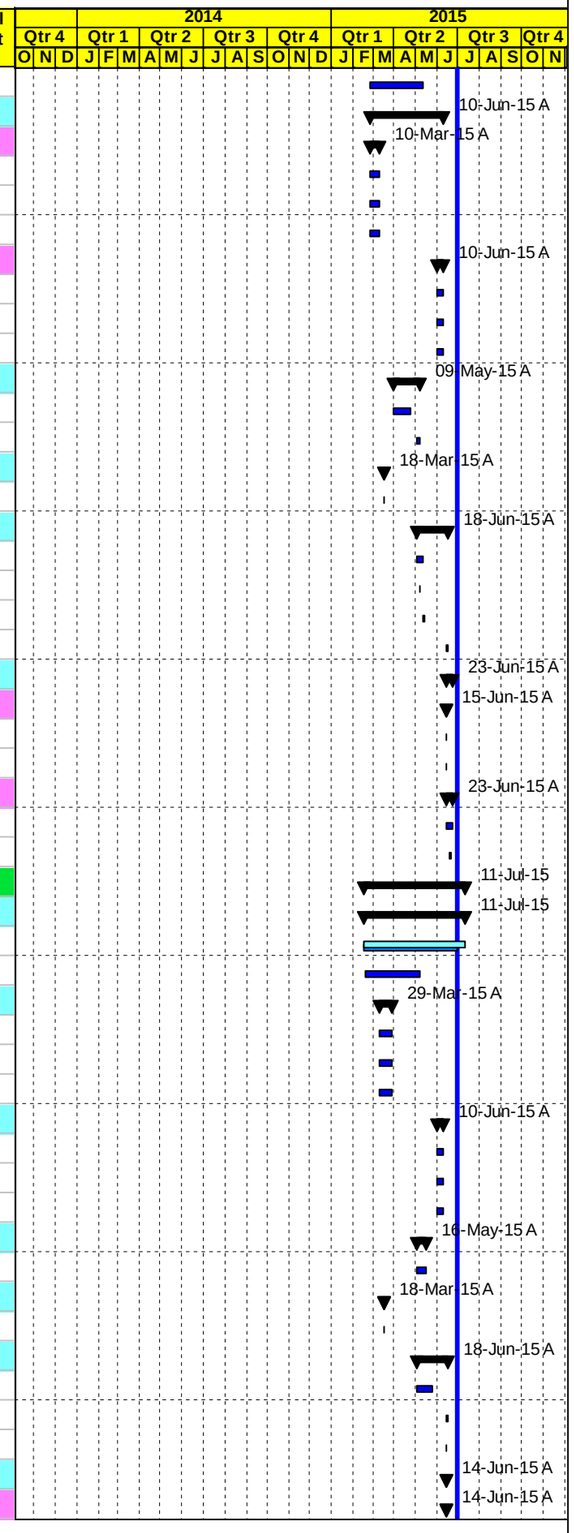
Date	Revision	Checked	Approved
02-Jul-15			

APCO/ArCon CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT4010	Remove exist asphalt , Road excavation and backfilling to the required subgrade level and milling	9d	100%	25-Feb-15 A	12-May-15 A	
Pipe Installation		104d		25-Feb-15 A	10-Jun-15 A	
760 mm main pipeline & dist.pipe150 mm		11d		25-Feb-15 A	10-Mar-15 A	
SHT2720	Trench excavation for 760 mm main pipeline & dist.pipe150 mm from 9+418 to 9+880 (462 LM)	11d	100%	25-Feb-15 A	10-Mar-15 A	
SHT2730	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	11d	100%	25-Feb-15 A	10-Mar-15 A	
SHT2740	Backfill the pipe trench with approved materials to the required level	11d	100%	25-Feb-15 A	10-Mar-15 A	
Additional Pipe Installation		5d		01-Jun-15 A	10-Jun-15 A	
SHT2562-new	Trench excavation for 75 mm main Pipeline with length approx. (200 LM) from St. 9+680 to St. 9+880	5d	100%	01-Jun-15 A	10-Jun-15 A	
SHT2568-new	Backfill the pipe trench with approved materials to the required level	5d	100%	01-Jun-15 A	10-Jun-15 A	
SHT2566-new	Bedding layer & install the above main Steel pipeline including required welding inspection	5d	100%	01-Jun-15 A	10-Jun-15 A	
Chamber work		53d		31-Mar-15 A	09-May-15 A	
SHT2760-new	Construct - AR/AV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.9+680	20d	100%	31-Mar-15 A	25-Apr-15 A	
SHT2770-new	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.9+600	21d	100%	03-May-15 A	09-May-15 A	
Testing		1d		18-Mar-15 A	18-Mar-15 A	
SHT4050	Radiographic Testing (RT) Workshop	1d	100%	18-Mar-15 A	18-Mar-15 A	
Base course and Asphalt		47d		04-May-15 A	18-Jun-15 A	
SHT4020	Finish Sub grade & leveling base course layer and 15 cm thick for course layer	4d	100%	04-May-15 A	13-May-15 A	
SHT4040	Asphalt Reinstatement From St. 9+418- 9+680	2d	100%	09-May-15 A	09-May-15 A	
SHT4030	5 cm asphalt wearing couse including prime coat From St. 9+418 to St. 9+640	1d	100%	13-May-15 A	14-May-15 A	
SHT4152-new	Restoration of base course layer	3d	100%	14-Jun-15 A	18-Jun-15 A	
Mechanical Chambers work		7d		14-Jun-15 A	23-Jun-15 A	
Welding flanges		2d		14-Jun-15 A	15-Jun-15 A	
SHT-2270-MECH	Welding flanges for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.9+600	1d	100%	14-Jun-15 A	14-Jun-15 A	
SHT-2280-MECH	Welding flanges for AR/AV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.9+680	1d	100%	15-Jun-15 A	15-Jun-15 A	
Mechanical fittings installation		6d		14-Jun-15 A	23-Jun-15 A	
SHT-2290-MECH	Fittings installation for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.9+600	1d	100%	14-Jun-15 A	23-Jun-15 A	
SHT-2300-MECH	Fittings installation for AR/AV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.9+680	1d	100%	20-Jun-15 A	20-Jun-15 A	
Main pipelines & (Rehabilitation at residential area) St.9+880 to 10+460		111d		17-Feb-15 A	11-Jul-15	-28d
Safety and Excavation Works		39d		17-Feb-15 A	11-Jul-15	-24d
SHT2620	Maintain traffic control & safety plan to include local access to residance ,all corrdination & relocate utilities	26d	50%	17-Feb-15 A	11-Jul-15	-24d
SHT2630	Remove exist asphalt , Road excavation and backfilling to the required subgrade level and milling	11d	100%	19-Feb-15 A	09-May-15 A	
Pipe Installation		12d		11-Mar-15 A	29-Mar-15 A	
SHT2640	Trench excavation for 760 mm main Pipeline with length approx. (580 LM)	11d	100%	11-Mar-15 A	29-Mar-15 A	
SHT2650	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	11d	100%	11-Mar-15 A	29-Mar-15 A	
SHT2660	Backfill the pipe trench with approved materials to required level & single size lateral trench from St. 9+920 -10+070	12d	100%	11-Mar-15 A	29-Mar-15 A	
Additional Pipe Installation		9d		01-Jun-15 A	10-Jun-15 A	
SHT2567-new	Trench excavation for 75 mm main Pipeline with length approx. (620 LM) from St. 9+880 to St. 10+500	9d	100%	01-Jun-15 A	10-Jun-15 A	
SHT2569-new	Bedding layer & install the above main Steel pipeline including required welding inspection	9d	100%	01-Jun-15 A	10-Jun-15 A	
SHT2580-new	Backfill the pipe trench with approved materials to the required level	9d	100%	01-Jun-15 A	10-Jun-15 A	
Chamber work		21d		03-May-15 A	16-May-15 A	
SHT2670	Construct - ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.10+430	21d	100%	03-May-15 A	16-May-15 A	
Testing		1d		18-Mar-15 A	18-Mar-15 A	
SHT2673	Radiographic Testing (RT) Workshop	1d	100%	18-Mar-15 A	18-Mar-15 A	
Base course and Asphalt		51d		04-May-15 A	18-Jun-15 A	
SHT2680	Finish Sub grade & 15 cm thick base course layer from St. 9+880 To St. 9+940 & from St. 10+000 to St.10+460	4d	100%	04-May-15 A	26-May-15 A	
SHT4154-new	Restoration of base course layer	4d	100%	14-Jun-15 A	18-Jun-15 A	
SHT2990	15 cm thick base course layer from St. 9+940 To St. 10+000	2d	100%	15-Jun-15 A	16-Jun-15 A	
Mechanical Chambers work		6d		14-Jun-15 A	14-Jun-15 A	
Welding flanges		1d		14-Jun-15 A	14-Jun-15 A	



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar

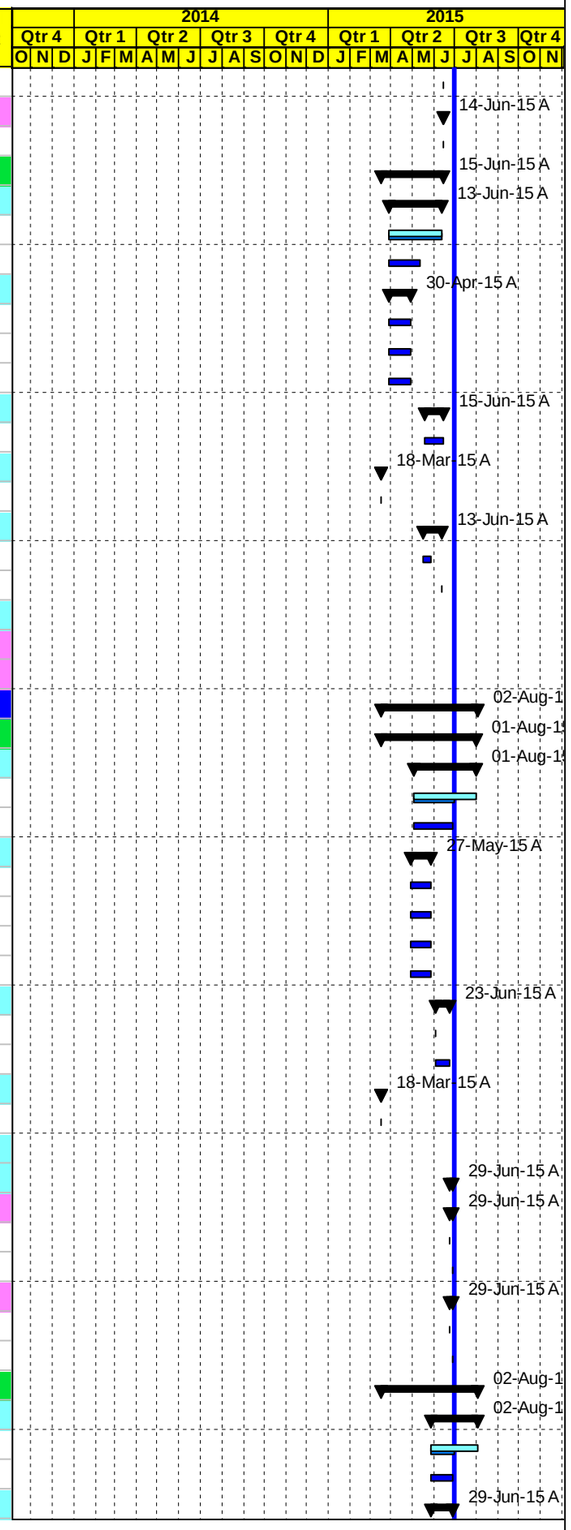
Date	Revision	Checked	Approved
02-Jul-15			

APCO ArCon CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT-2310-MECH	Welding flanges for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.10+430	1d	100%	14-Jun-15 A	14-Jun-15 A	
Mechanical fittings installation		1d		14-Jun-15 A	14-Jun-15 A	
SHT-2320-MECH	Fittings installation for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.10+430	1d	100%	14-Jun-15 A	14-Jun-15 A	
Main pipelines & (Rehabilitation Exist road) St. 10+460 to 10+900		78d		18-Mar-15 A	15-Jun-15 A	
Safety , Excavation Works ,Pipe Culvert and concrete wall		27d		28-Mar-15 A	13-Jun-15 A	
SHT2510	Maintain traffic control plan including grading and widening the road ,coordination with local and all parties	27d	100%	28-Mar-15 A	13-Jun-15 A	
SHT2520	Remove exist asphalt , Road excavation and backfilling to the required subgrade level	14d	100%	29-Mar-15 A	12-May-15 A	
Pipe Installation		12d		29-Mar-15 A	30-Apr-15 A	
SHT2530	Trench excavation for 760 mm main Pipeline with length approx. (440 LM)	12d	100%	29-Mar-15 A	30-Apr-15 A	
SHT2550	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	12d	100%	29-Mar-15 A	30-Apr-15 A	
SHT2560	Backfill the pipe trench with approved materials to the required level	12d	100%	29-Mar-15 A	30-Apr-15 A	
Civil Chamber work		21d		19-May-15 A	15-Jun-15 A	
SHT2580	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.10+600	21d	100%	19-May-15 A	15-Jun-15 A	
Testing		1d		18-Mar-15 A	18-Mar-15 A	
SHT2583	Radiographic Testing (RT) Workshop	1d	100%	18-Mar-15 A	18-Mar-15 A	
Base course , Stone Wall and Asphalt		47d		16-May-15 A	13-Jun-15 A	
SHT2600	Finish Sub grade & 15 cm thick base course layer from St. 10+460 to St. 10+560 & 10+ 640 to St. 10+900	4d	100%	16-May-15 A	27-May-15 A	
SHT2610	5 cm asphalt wearing course including prime coat 10+640 10+840	2d	100%	13-Jun-15 A	13-Jun-15 A	
Mechanical Chambers work		0d				0d
Welding flanges		0d				0d
Mechanical fittings installation		0d				0d
Phase #7 Main pipelines, Network & Road Works St.10+900 to 12+000		91d		18-Mar-15 A	02-Aug-15	-31d
Main pipelines & (Rehabilitation Exist road) St. 10+900 to 11+500		60d		18-Mar-15 A	01-Aug-15	-31d
Safety and Excavation Works		35d		03-May-15 A	01-Aug-15	-23d
SHT2410	Maintain traffic control plan including grading and widening the road ,coordination with local and all parties	35d	31.39%	03-May-15 A	01-Aug-15	-23d
SHT2420	Remove exist asphalt , Road excavation and backfilling to the required subgrade level	21d	100%	03-May-15 A	29-Jun-15 A	
Pipe Installation		11d		30-Apr-15 A	27-May-15 A	
SHT2430	Trench excavation for 760 mm main Pipeline with length approx. (600 LM)	11d	100%	30-Apr-15 A	27-May-15 A	
SHT2440	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	11d	100%	30-Apr-15 A	27-May-15 A	
SHT2450	Concrete encasement for main pipeline from sta.11+000 to 11+40 length (500 LM)	11d	100%	30-Apr-15 A	27-May-15 A	
SHT2460	Backfill the pipe trench with approved materials to the required level	11d	100%	30-Apr-15 A	27-May-15 A	
Civil Chamber work		21d		04-Jun-15 A	23-Jun-15 A	
SHT2570	Construct - Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.11+390	21d	100%	04-Jun-15 A	04-Jun-15 A	
SHT2480	Construct - ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.11+210	21d	100%	04-Jun-15 A	23-Jun-15 A	
Testing		1d		18-Mar-15 A	18-Mar-15 A	
SHT2482	Radiographic Testing (RT) Workshop	1d	100%	18-Mar-15 A	18-Mar-15 A	
Base course , Stone Wall and Asphalt		0d				0d
Mechanical Chambers work		13d		23-Jun-15 A	29-Jun-15 A	
Welding flanges		13d		23-Jun-15 A	29-Jun-15 A	
SHT-2350-MECH	Welding flanges for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.11+210	1d	100%	23-Jun-15 A	23-Jun-15 A	
SHT-2360-MECH	Welding flanges for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.11+390	1d	100%	29-Jun-15 A	29-Jun-15 A	
Mechanical fittings installation		12d		23-Jun-15 A	29-Jun-15 A	
SHT-2370-MECH	Fittings installation for ARV Valve chamber (DN 150mm, pipeline Dia 760mm, PN16) @ Sta.11+210	1d	100%	23-Jun-15 A	23-Jun-15 A	
SHT-2380-MECH	Fittings installation for Wash out Valve chamber (DN 250mm, pipeline Dia 760mm, PN16) @ Sta.11+390	1d	100%	29-Jun-15 A	29-Jun-15 A	
Main pipelines & (Rehabilitation Exist road) St. 11+500 to 12+000		91d		18-Mar-15 A	02-Aug-15	-31d
Safety and Excavation Works		31d		28-May-15 A	02-Aug-15	-23d
SHT3950	Maintain traffic control plan including grading and widening the road ,coordination with local and all parties	31d	5%	28-May-15 A	02-Aug-15	-23d
SHT3960	Remove exist asphalt , Road excavation and backfilling to the required subgrade level	21d	100%	28-May-15 A	29-Jun-15 A	
Pipe Installation From St. 11+500 to St.11+800		15d		28-May-15 A	29-Jun-15 A	



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar

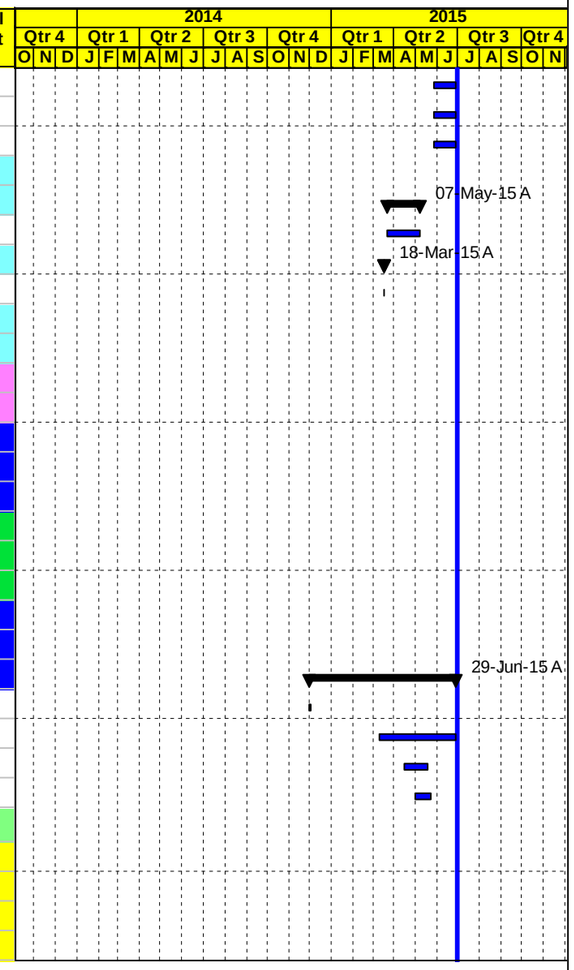
Date	Revision	Checked	Approved
02-Jul-15			

APCO ArCon CONSTRUCTION AND SERVICES

Construction Program
Completed & In Progress Activities

TO16
Deir Sha'aar Main Pipeline Project

Activity ID	Activity Name	Original Duration	Activity % Complete	Start	Finish	Total Float
SHT3850	Trench excavation for 760 mm main Pipeline with length approx. (300 LM)	15d	100%	28-May-15 A	29-Jun-15 A	
SHT3860	Bedding layer & install the above main Steel pipeline including required welding inspection / sectional testing (UT)	15d	100%	28-May-15 A	29-Jun-15 A	
SHT3870	Backfill the pipe trench with approved materials to the required level	15d	100%	28-May-15 A	29-Jun-15 A	
Pipe Installation From St. 11+800 to St.11+980		0d				0d
Civil Chamber work		19d		22-Mar-15 A	07-May-15 A	
SHT2470	Construct - Halhul reservoir connection chamber (DN 500mm, pipeline Dia 760mm, PN16) @ Sta.11+900	19d	100%	22-Mar-15 A	07-May-15 A	
Testing		1d		18-Mar-15 A	18-Mar-15 A	
SHT3980	Radiographic Testing (RT) Workshop	1d	100%	18-Mar-15 A	18-Mar-15 A	
Base course , Stone Wall and Asphalt		0d				0d
Mechanical Chambers work		0d				0d
Welding flanges		0d				0d
Mechanical fittings installation		0d				0d
final connection to the booster station		0d				0d
Surge Control System		0d				0d
Reservoir		0d				0d
Reservoir Yard		0d				0d
Mechanical		0d				0d
Instrumentations at Halhoul Reservoir		0d				0d
Cathode protection		0d				0d
Final Disinfection		0d				0d
Concrete and Road Finishing work		141d		01-Dec-14 A	29-Jun-15 A	
SHT3550	Additional geotechnical investigation for the new pipeline alignment	2d	100%	01-Dec-14 A	02-Dec-14 A	
SHT3252	Stone Wall Phase One	50d	100%	11-Mar-15 A	29-Jun-15 A	
SHT3515	8" UPVC pipes	10d	100%	15-Apr-15 A	19-May-15 A	
SHT3505	install of water pipeline for connection (road crossings and risers)	21d	100%	02-May-15 A	23-May-15 A	
Post Construction Phase		0d				0d
Post Construction Submittals		0d				0d
Start up, Training and commissioning		0d				0d
Demobilization		0d				0d
Post Construction activities		0d				0d



◇ Milestone Early Bar — Actual Work — ◆ Milestone Actual — Actual Level of Effort — Early Bar — Critical Bar

Date	Revision	Checked	Approved
02-Jul-15			

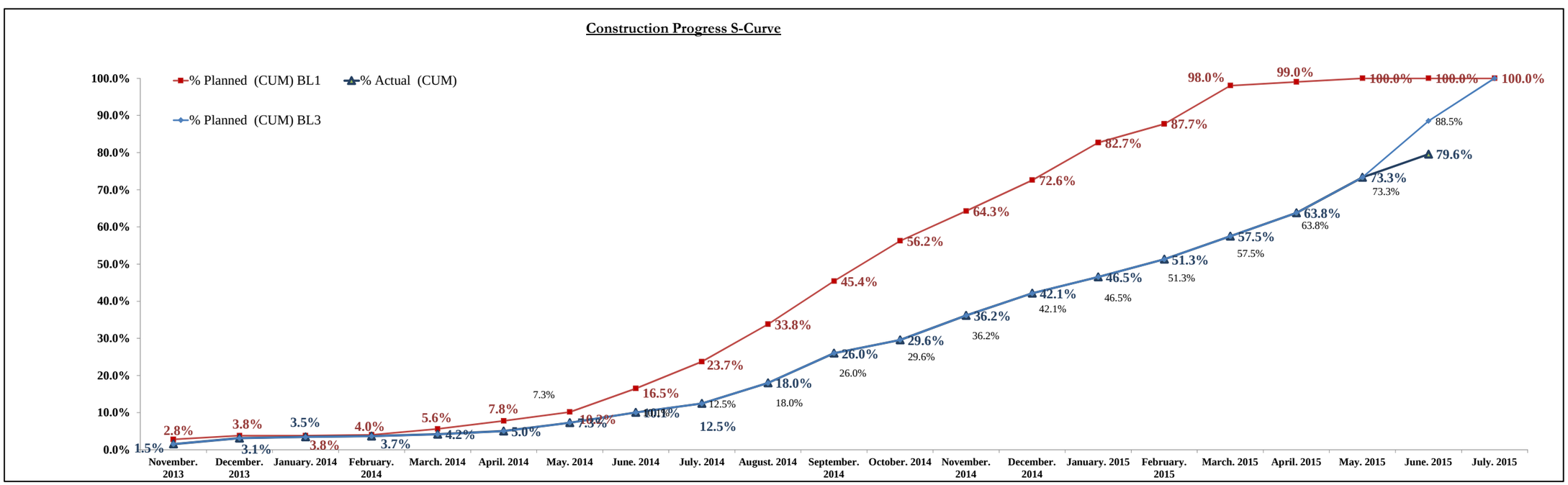
C | Progress S-Curve Versus Actual

Construction Progress S-Curve

Total Contract Value (Orginal):	**$**	**16,512,214**
Total Contract Value (Day Work Not Included):	**$**	**15,612,214**
Total Contract Value (VO4-BL3)	**$**	**16,302,004.5**
Project Duration :	**550 Calender Days**	
Time Extension	**64 Calender Days**	
Revised Project Duration :	**614Calender Days**	
NTP Date:	**7-Nov-13**	

*** Day Work Not Included**

	November. 2013	December. 2013	January. 2014	February. 2014	March. 2014	April. 2014	May. 2014	June. 2014	July. 2014	August. 2014	September. 2014	October. 2014	November. 2014	December. 2014	January. 2015	February. 2015	March. 2015	April. 2015	May. 2015	June. 2015	July. 2015	TOTAL
Planned Value (Baseline1)	$ 439,599	$ 155,152		$ 34,048	$ 250,497	$ 335,153	$ 372,185	$ 989,152	$ 1,130,010	$ 1,572,889	$ 1,809,809	$ 1,691,932	$ 1,253,124	$ 1,299,775	$ 1,575,815	$ 784,886	$ 1,610,997	$ 158,504	$ 148,688			$ 15,612,214
Planned Value (CUM)	$ 439,599	$ 594,751	$ 594,751	$ 628,799	$ 879,296	$ 1,214,449	$ 1,586,634	$ 2,575,786	$ 3,705,797	$ 5,278,685	$ 7,088,494	$ 8,780,427	$ 10,033,550	$ 11,333,325	$ 12,909,140	$ 13,694,026	$ 15,305,022	$ 15,463,526	$ 15,612,214	$ 15,612,214	$ 15,612,214	
% Planned	2.8%	1.0%	0.0%	0.2%	1.6%	2.1%	2.4%	6.3%	7.2%	10.1%	11.6%	10.8%	8.0%	8.3%	10.1%	5.0%	10.3%	1.0%	1.0%	0.0%	0.0%	**100%**
% Planned (CUM) BL1	2.8%	3.8%	3.8%	4.0%	5.6%	7.8%	10.2%	16.5%	23.7%	33.8%	45.4%	56.2%	64.3%	72.6%	82.7%	87.7%	98.0%	99.0%	100.0%	100.0%	100.0%	
Planned Value (Baseline3)	$ 251,915	$ 257,722	$ 55,114	$ 36,785	$ 81,393	$ 140,019	$ 367,313	$ 448,617	$ 391,935	$ 903,602	$ 1,304,945	$ 584,516	$ 1,073,191	$ 971,043	$ 718,452	$ 773,996	$ 1,012,498	$ 1,025,156	$ 1,556,548	$ 2,476,019	$ 1,871,226	$ 16,302,005
Planned Value (CUM)	$ 251,915	$ 509,637	$ 564,751	$ 601,536	$ 682,929	$ 822,948	$ 1,190,261	$ 1,638,878	$ 2,030,813	$ 2,934,415	$ 4,239,360	$ 4,823,876	$ 5,897,067	$ 6,868,110	$ 7,586,562	$ 8,360,558	$ 9,373,056	$ 10,398,212	$ 11,954,760	$ 14,430,779	$ 16,302,005	
% Planned	1.5%	1.6%	0.3%	0.2%	0.5%	0.9%	2.3%	2.8%	2.4%	5.5%	8.0%	3.6%	6.6%	6.0%	4.4%	4.7%	6.2%	6.3%	9.5%	15.2%	11.5%	**100.00%**
% Planned (CUM) BL3	1.5%	3.1%	3.5%	3.7%	4.2%	5.0%	7.3%	10.1%	12.5%	18.0%	26.0%	29.6%	36.2%	42.1%	46.5%	51.3%	57.5%	63.8%	73.3%	88.5%	100.0%	
Actual Value	$ 251,915	$ 257,722	$ 55,114	$ 36,785	$ 81,393	$ 140,019	$ 367,313	$ 448,617	$ 391,935	$ 903,602	$ 1,304,945	$ 584,516	$ 1,073,191	$ 971,043	$ 718,452	$ 773,996	$ 1,012,498	$ 1,025,156	$ 1,556,548	$ 1,016,204		**$ 12,970,964**
Actual Value (CUM)	$ 251,915	$ 509,637	$ 564,751	$ 601,536	$ 682,929	$ 822,948	$ 1,190,261	$ 1,638,878	$ 2,030,813	$ 2,934,415	$ 4,239,360	$ 4,823,876	$ 5,897,067	$ 6,868,110	$ 7,586,562	$ 8,360,558	$ 9,373,056	$ 10,398,212	$ 11,954,760	$ 12,970,964		
% Actual	1.5%	1.6%	0.3%	0.2%	0.5%	0.9%	2.3%	2.8%	2.4%	5.5%	8.0%	3.6%	6.6%	6.0%	4.4%	4.7%	6.2%	6.3%	9.5%	6.2%		**79.6%**
% Actual (CUM)	1.5%	3.1%	3.5%	3.7%	4.2%	5.0%	7.3%	10.1%	12.5%	18.0%	26.0%	29.6%	36.2%	42.1%	46.5%	51.3%	57.5%	63.8%	73.3%	79.6%		



D | Site Memos Log

USAID WEST BANK/ GAZA
INFRASTRUCTURE NEEDS PROGRAM INPII
CONTRACT NO. AID-294-I-12-00005
TASK ORDER #16, DER SHAAR WATER PIPELINE
Site Memo Log (E-C)

SUBMITTAL				TRACKING DATES	
Spec. No.	Submittal No	Subject	Project	Submitted on (M/D/Y)	Remarks
	SM-13-00016-SHT-E-C-001	Road Center Line from Sta.3+030 to Sta.3+800	SHT	02/09/14	Site Instruction
	SM-13-00016-SHT-E-C-002	Right of way from Sta.7+093 to Sta.7+196.5	SHT	03/02/14	Site Instruction
	SM-13-00016-SHT-E-C-003	Retaining Wall Design from Sta.7+200 to Sta.7+220	SHT	03/24/14	Site Instruction
	SM-13-00016-SHT-E-C-004	Joint Walkthrough Conducted on March 26,2014 from Sta.9+900 to Sta.11+460	SHT	04/15/14	Other
	SM-13-00016-SHT-E-C-005	Retaining Wall Parapet	SHT	04/23/14	Other
	SM-13-00016-SHT-E-C-006	Joint Walkthrough Conducted on March 23 and on April 24,2014 from Sta.3+900 to Sta.6+000	SHT	04/28/14	Record of Joint Walkthrough
	SM-13-00016-SHT-E-C-007	Construction Activities (from Sta.9+000 to Sta.9+200)	SHT	05/08/14	Site Instruction
	SM-13-00016-SHT-E-C-008	Removal of Bedding Materials from Site	SHT	06/18/14	Site Instruction
	SM-13-00016-SHT-E-C-009	Letter From Halhoul Municipality- Excavation Work from Sta. 7+240 to Sta. 6+840	SHT	07/02/14	Site Instruction
	SM-13-00016-SHT-E-C-010	Restoration of 8" Pipeline Trench at Beit-Ummer Segment	SHT	07/03/14	Site Instruction / Record of Unsafe Condition
	SM-13-00016-SHT-E-C-011	Common Trench Details	SHT	07/05/14	Site Instruction
	SM-13-00016-SHT-E-C-012	Bladder Surge System	SHT	07/09/14	Site Instruction
	SM-13-00016-SHT-E-C-013	Construction Activities at Beit Ummar Segment	SHT	07/16/14	Site Instruction / Record of Unsatisfactory Work Practice
	SM-13-00016-SHT-E-C-014	Retaining Wall and Concrete Curb Stone from Sta.7+050 to Sta. 6+880	SHT	07/17/14	Site Instruction
	SM-13-00016-SHT-E-C-015	Work Stoppage Order at Halhul Segment	SHT	07/21/14	Site Instruction
	SM-13-00016-SHT-E-C-016	Electrodes Used for 30" Welding at Fabrication Yard	SHT	07/21/14	Record of Non Quality Compliance
	SM-13-00016-SHT-E-C-017	Changing the 30 " Pipeline Route at Sta.9+900	SHT	07/22/14	Site Instruction
	SM-13-00016-SHT-E-C-018	Retaining Wall from Sta.7+364.85 to Sta.7+389.02	SHT	07/24/14	Site Instruction
	SM-13-00016-SHT-E-C-019	Relocation of Water Meter Connection Chamber from Sta.0+155.3 to Sta.1+280	SHT	08/10/14	Site Instruction
	SM-13-00016-SHT-E-C-020	Revised Drawing for Storm Water Drainage System from Sta.7+150 to Sta.7+350	SHT	08/10/14	Site Instruction
	SM-13-00016-SHT-E-C-021	Excavation Work -Deir Sha'ar Water Pipeline	SHT	09/03/14	Site Instruction
	SM-13-00016-SHT-E-C-022	Safety Issues , and Dust Control at Halhul Construction Zones	SHT	09/09/14	Site Instruction
	SM-13-00016-SHT-E-C-023	Locations, Quantities , Pressure Rating and Reference Details for all Chambers	SHT	09/11/14	Site Instruction
	SM-13-00016-SHT-E-C-024	Complaints from Local Residents in Halhul City	SHT	09/17/14	Site Instruction
	SM-13-00016-SHT-E-C-025	Connection to existing chamber at sta.1+348 at Shahera Pipeline	SHT	09/29/14	Site Instruction

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SUBMITTAL				TRACKING DATES	
Spec. No.	Submittal No	Subject	Project	Submitted on (M/D/Y)	Remarks
	SM-13-00016-SHT-E-C-026	Complaints from Beit Ummar Municipality	SHT	10/02/14	Site Instruction
	SM-13-00016-SHT-E-C-027	Electrical and Instrumentation Submittals	SHT	10/02/14	Site Instruction
	SM-13-00016-SHT-E-C-028	Joint Walkthrough from Sta.0+160 to Sta.2+000	SHT	10/14/14	Record of Joint Walkthrough
	SM-13-00016-SHT-E-C-029	Complaints from Local Residents in Beit Ummar City	SHT	10/16/14	Site Instruction
	SM-13-00016-SHT-E-C-030	Changes and Elimination of Chambers Fittings	SHT	10/20/14	Site Instruction
	SM-13-00016-SHT-E-C-031	Topping material from Sta.2+060 to Sta.2+780.	SHT	10/21/14	Site Instruction
	SM-13-00016-SHT-E-C-032	Cathodic Protection	SHT	10/27/14	Site Instruction
	SM-13-00016-SHT-E-C-033	Geotechnical Services for the Revised 30" Pipeline from Sta.9+070 to Sta.12+000	SHT	10/30/14	Site Instruction
	SM-13-00016-SHT-E-C-034	Joint Walkthrough from Sta.4+335 to Sta.4+640	SHT	11/11/14	Record of Joint Walkthrough
	SM-13-00016-SHT-E-C-035	Base Course Layer and Asphalt work from Sta.3+030 to Sta.3+780 at Beit Ummar	SHT	11/12/14	Site Instruction
	SM-13-00016-SHT-E-C-036	Letters from Halhoul Municipality	SHT	11/17/14	Site Instruction
	SM-13-00016-SHT-E-C-037	Halhoul Reservoir - Mechanical Details -MD -07 A,B & C	SHT	12/08/14	Site Instruction
	SM-13-00016-SHT-E-C-038	Complaints from Halhul Municipality Letter	SHT	12/14/14	Site Instruction
	SM-13-00016-SHT-E-C-039	Request from Beit Ummar Municipality Letter	SHT	12/30/14	Site Instruction
	SM-13-00016-SHT-E-C-040	Defects in the Reinstated Trench for the 30" Main Pipeline and 8" Shahera Pipeline	SHT	01/19/15	Site Instruction / Record of Unsafe Condition
	SM-13-00016-SHT-E-C-041	Revised Drawing for Storm Water Drainage System from Sta.7+950 to Sta.8+560	SHT	01/21/15	Site Instruction
	SM-13-00016-SHT-E-C-042	Changes in Connection to Existing Chambers and Pipes	SHT	01/25/15	Site Instruction
	SM-13-00016-SHT-E-C-043	Additional Quantities of the 3" Pipeline at Beit Ummar	SHT	01/26/15	Site Instruction
	SM-13-00016-SHT-E-C-044	Revised Drawing for Storm Water Drainage System at Sta.7+948	SHT	01/29/15	Site Instruction
	SM-13-00016-SHT-E-C-045	Complaints from Local Residents in Beit Ummar	SHT	02/11/15	Site Instruction
	SM-13-00016-SHT-E-C-046	Revised Drawing for Road Section from Sta.6+800 to Sta.7+100	SHT	02/24/15	Site Instruction
	SM-13-00016-SHT-E-C-047	Letter received from Halhul Municipality	SHT	03/10/15	Site Instruction
	~~SM-13-00016-SHT-E-C-048~~	~~Revised PGL at Sta.3+900~~	~~SHT~~	~~03/11/15~~	~~Site Instruction~~
	SM-13-00016-SHT-E-C-049	Typical Cross Section from Sta.9+415 to Sta.10+960	SHT	03/17/15	Site Instruction
	SM-13-00016-SHT-E-C-050	Revised Centerline of Road Segment from Sta.4+880 to Sta.5+630	SHT	03/18/15	Site Instruction
	SM-13-00016-SHT-E-C-051	Letter received from Halhul Municipality - Late Working Hours on Site	SHT	03/22/15	Site Instruction

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SUBMITTAL				TRACKING DATES	
Spec. No.	Submittal No	Subject	Project	Submitted on (M/D/Y)	Remarks
	SM-13-00016-SHT-E-C-052	Road Section from Sta.6+850 to Sta.7+500	SHT	03/24/15	Site Instruction
	SM-13-00016-SHT-E-C-053	Joint Walkthrough from Sta.6+900 to Sta.7+430	SHT	03/24/15	Record of Joint Walkthrough
	SM-13-00016-SHT-E-C-054	Construction of a Single Size Lateral Trench	SHT	03/25/15	Site Instruction
	SM-13-00016-SHT-E-C-055	Proposed Additional Works - Generator Set , Instrumentations and Misc. Works	SHT	03/28/15	Site Instruction
	SM-13-00016-SHT-E-C-056	Letter Received from Beit Ummar Municipality _Delay in Performing Re-instatement Activities	SHT	03/30/15	Site Instruction
	SM-13-00016-SHT-E-C-057	Asphalt Quality for Segment from Sta.7+520 to Sta.7+930 RHS and LHS	SHT	03/30/15	Site Instruction/ Record of Non Quality Compliance
	SM-13-00016-SHT-E-C-058	Letter Received from Halhul Municipality_ Connection the W.O Chamber at Sta. 7+220 to Drainage System	SHT	04/11/15	Site Instruction
	SM-13-00016-SHT-E-C-059	Change in ALhawawer 3" Water pipeline location	SHT	04/12/15	Site Instruction
	SM-13-00016-SHT-E-C-060	Construction of a Single Size lateral Trench	SHT	04/12/15	Site Instruction
	SM-13-00016-SHT-E-C-061	3" Road Crossings at sta.3+900	SHT	04/12/15	Other
	SM-13-00016-SHT-E-C-062	Existing Septic Tank at Road Segment from sta.7+100 to sta.7+400	SHT	04/12/15	Site Instruction
	SM-13-00016-SHT-E-C-063	Storm Drainage section- Road Work from sta.8+570 to sta.8+230	SHT	04/19/15	Site Instruction
	SM-13-00016-SHT-E-C-064	Existing Septic Tanks at Road Segment from sta.7+100 to sta.7+400	SHT	04/22/15	Site Instruction
	SM-13-00016-SHT-E-C-065	Existing Unknown Water Source (Pipe) at Sta.7+220 RHS	SHT	04/22/15	Site Instruction
	SM-13-00016-SHT-E-C-066	Revised road plan drawing at sta.7+360 RHS	SHT	04/26/15	Site Instruction
	SM-13-00016-SHT-E-C-067	Objection of the Landowner for construction of Air Vent chamber at sta.6+060	SHT	04/29/15	Site Instruction
	SM-13-00016-SHT-E-C-068	Revised Storm Drainage Section- Road Work from Sta.8+570 to Sta.8+230	SHT	05/04/15	Site Instruction
	SM-13-00016-SHT-E-C-069	Letter received from Beit Ummar Municipality - Reinstatement and Housekeeping at Beit Ummar Site	SHT	05/20/15	Site Instruction
	SM-13-00016-SHT-E-C-070	Revised drawings for curbstone from St. 7+300 to St. 7+250	SHT	05/25/15	Site Instruction
	SM-13-00016-SHT-E-C-071	Letter Received from Beit Ummar Municipality	SHT	05/27/15	Site Instruction
	SM-13-00016-SHT-E-C-072	Construction of Retaining Walls	SHT	05/31/15	Site Instruction
	SM-13-00016-SHT-E-C-073	Chambers' finish	SHT	06/03/15	Record of Non Quality Compliance & Site Instruction
	SM-13-00016-SHT-E-C-074	Segregation and Surface Defect of Asphalt	SHT	06/03/15	Record of Non Quality Compliance & Site Instruction
	SM-13-00016-SHT-E-C-075	Road Widening By Halhul Municipality	SHT	06/03/15	Other

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SUBMITTAL				TRACKING DATES	
Spec. No.	Submittal No	Subject	Project	Submitted on (M/D/Y)	Remarks
	SM-13-00016-SHT-E-C-076	Median Curbstone from St. 7+180 to St. 7+210.	SHT	06/07/15	Site Instruction
	SM-13-00016-SHT-E-C-077	Construction of Garbage Containers - Al Hawawer Road Section from St. 6+980 to St. 7+515.	SHT	06/07/15	Site Instruction
	SM-13-00016-SHT-E-C-078	Modify the Curbstone alignment from St. 7+270 to St. 7+300 LHS.	SHT	06/07/15	Other
	SM-13-00016-SHT-E-C-079	Letter received from Halhul Municipality - Reinstatement of stone walls	SHT	06/07/15	Site Instruction
	SM-13-00016-SHT-E-C-080	Letter received from the Palestinian Telecommunication Company	SHT	06/09/15	Site Instruction
	SM-13-00016-SHT-E-C-081	Hand-hole service box and chambers Number and Locations at Halhul Reservoir.	SHT	06/10/15	Other
	SM-13-00016-SHT-E-C-082	Structural Excavation for Retaining Wall from St. 3+630 to St. 3+680	SHT	06/11/15	Site Instruction
	SM-13-00016-SHT-E-C-083	Letter Received from Beit Ummer Municipality	SHT	06/15/15	Other
	SM-13-00016-SHT-E-C-084	Response to Contractor's Site Memo SM-13-00016-SHT-C-E-058- Access Road at sta.7+390	SHT	06/15/15	Other
	SM-13-00016-SHT-E-C-085	Response to Contractor's Site Memo SM-13-00016-SHT-C-E-059	SHT	06/15/15	Other
	SM-13-00016-SHT-E-C-086	Letter Received from Halhul Municipality	SHT	06/15/15	Other
	SM-13-00016-SHT-E-C-087	Response to Contractor Site Memo SM-13-00016-SHT-C-E-042- Landowner Issue at St. 3+920.	SHT	06/18/15	Site Instruction
	SM-13-00016-SHT-E-C-088	Damages to 24" Ductile Pipe at St. 11+765.	SHT	06/18/15	Site Instruction
	SM-13-00016-SHT-E-C-089	Site Progress, Safety and Housekeeping Issues - Urgent works	SHT	06/23/15	Site Instruction
	SM-13-00016-SHT-E-C-090	Response to contractor's Site Memo SM-13-00016-SHT-C-E-067.	SHT	06/25/15	Other
	SM-13-00016-SHT-E-C-091	Asphalt Quality for Segment from STa.7+980 to STa.8+200 RHS.	SHT	06/25/15	Record of Non Quality Compliance
	SM-13-00016-SHT-E-C-092	Letter Received from Beit Ummar Municipality	SHT	06/28/15	Other
	SM-13-00016-SHT-E-C-093	Response to Contractor's Site Memo SM-13-00016-SHT-C-E-068.	SHT	06/28/15	Other

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Spec. No.	Submittal No	Subject	Project	Submitted on (M/D/Y)	Remarks
	SM-13-00016-SHT-C-E-001	Signed Right of Way from Sta.6+800 to Sta.7+515	SHT	03/17/14	Other
	SM-13-00016-SHT-C-E-002	Signed Eliminate Pipe Culvert from Beit Omar Municipality	SHT	03/30/14	Other
	SM-13-00016-SHT-C-E-003	Out Fall Location for Pipe Culvert	SHT	03/30/14	Other
	SM-13-00016-SHT-C-E-004	Israeli Contractor Works from Sta.0+000 to Sta.0+120 (Deir Shaar Main Pipeline Project)	SHT	04/09/14	Other
	SM-13-00016-SHT-C-E-005	Construction of Concrete Retaining Wall from Sta.7+376 to Sta.7+389 LHS	SHT	04/21/14	Other
	SM-13-00016-SHT-C-E-006	Construction of Concrete Retaining Wall from Sta.7+376 to Sta.7+389 LHS (Existing Building issue)	SHT	05/05/14	Other
	SM-13-00016-SHT-C-E-007	Asphalt Reinstatement Works for 8" water line in Beit Ummar	SHT	06/30/14	Other
	SM-13-00016-SHT-C-E-008	Halhul Municipality Letter (Work Stoppage)	SHT	07/22/14	Site Instruction
	SM-13-00016-SHT-C-E-009	Response to SM -13-00016-SHT-E-C-016 -Electrodes Used for 30" Welding at Fabrication Yard	SHT	07/22/14	Record of Non Quality Compliance
	SM-13-00016-SHT-C-E-010	Restoration Works	SHT	10/19/14	Other
	SM-13-00016-SHT-C-E-011	Alignment 30" water pipeline from sta.9+450 to sta.11+974	SHT	10/23/14	Other
	SM-13-00016-SHT-C-E-012	Center Line for 30" Pipeline	SHT	11/09/14	Other
	SM-13-00016-SHT-C-E-013	800 mm Pipe Culvert at Sta.4+600	SHT	11/11/14	Record of Verbal Site Instruction
	SM-13-00016-SHT-C-E-014	Work Stoppage	SHT	01/06/15	Other
	SM-13-00016-SHT-C-E-015	Damaged curbstone at halhul main road & Shahera network	SHT	01/22/15	Other
	SM-13-00016-SHT-C-E-016	Stone Wall (2 Layers) in Deir Sha'ar	SHT	02/03/15	Other
	SM-13-00016-SHT-C-E-017	Scope of Roads works from Sta.9+400 to Sta.12+000	SHT	02/25/15	Other
	SM-13-00016-SHT-C-E-018	Obstructions and stoppage of roads work	SHT	02/25/15	Other
	SM-13-00016-SHT-C-E-019	Scope of works from Sta.7+940 to Sta.8+600	SHT	02/28/15	Other
	SM-13-00016-SHT-C-E-020	Shifting 30" water pipeline from Sta.10+090 to Sta.10+820 to the R.H.S	SHT	03/16/15	Other
	SM-13-00016-SHT-C-E-021	Waste Water Leakage (Sta.7+192 RHS)	SHT	03/22/15	Other
	SM-13-00016-SHT-C-E-022	Water Leakage at Sta.9+960	SHT	03/22/15	Other
	SM-13-00016-SHT-C-E-023	Trench backfilling at Sta.6+850 to Sta.7+500	SHT	03/22/15	Other
	SM-13-00016-SHT-C-E-024	Damaged sub grade layer from sta. 7+240 to sta. 7+290 due to existing natural water seepage and septic tanks	SHT	04/07/15	Other
	SM-13-00016-SHT-C-E-025	Existing septic tanks in road segment from sta. 7+100 to sta. 7+400	SHT	04/07/15	Other
	SM-13-00016-SHT-C-E-026	Installation of 3" water crossing pipeline by Beit Ommar Municipality at Sta. 3+900	SHT	04/08/15	Other

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Spec. No.	Submittal No	Subject	Project	Submitted on (M/D/Y)	Remarks
	SM-13-00016-SHT-C-E-027	Change in Al Hawawer 3" Water Pipeline Location	SHT	04/14/15	Other
	SM-13-00016-SHT-C-E-028	Existing unknown water source (pipe) at Sta.7+220 RHS	SHT	04/14/15	Other
	SM-13-00016-SHT-C-E-029	Existing septic tanks in road segment from sta. 7+100 to sta. 7+400	SHT	04/15/15	Other
	SM-13-00016-SHT-C-E-030	Delay in relocation of electric poles at Al Hawaer Road Segment from Sta.7+000 to sta.7+500	SHT	04/20/15	Other
	SM-13-00016-SHT-C-E-031	Damaging finished sub grade and topping layer from sta.7+210 to sta.7+280 – Existing septic tank	SHT	04/20/15	Other
	SM-13-00016-SHT-C-E-032	Land Owner Objection	SHT	04/21/15	Other
	SM-13-00016-SHT-C-E-033	Work Stoppage	SHT	04/21/15	Other
	SM-13-00016-SHT-C-E-034	Installation of water crossing pipes by Halhoul Municipality	SHT	05/03/15	Other
	SM-13-00016-SHT-C-E-035	Roads design typical section and scope of works from sta.10+960 to sta.12+000	SHT	05/05/15	Other
	SM-13-00016-SHT-C-E-036	Stoppage of stone walls works at Beit Ummer from sta.5+220 to sta.5+330	SHT	05/10/15	Other
	SM-13-00016-SHT-C-E-037	Road widening by Halhul Municipality	SHT	05/10/15	Other
	SM-13-00016-SHT-C-E-038	Existing septic tank along road segment from sta.9+500 to sta.10+400.	SHT	05/10/15	Other
	SM-13-00016-SHT-C-E-039	Installation of Storm water works from St. 7+950 to St. 8+200 - Existing Asphalt Condition	SHT	05/11/15	Other
	SM-13-00016-SHT-C-E-040	Stoppage of works due to the existing water pipeline from St. 9+900 to St. 10+000.	SHT	05/13/15	Other
	SM-13-00016-SHT-C-E-041	Municipality 2" water crossings from St. 9+500 to St. 9+680.	SHT	05/14/15	Other
	SM-13-00016-SHT-C-E-042	Stoppage of work from sta. 3+900 to sta. 3+940 due to landowner objection	SHT	05/18/15	Other
	SM-13-00016-SHT-C-E-043	Construction of bladder tank foundation at Gush Itzyoun pumping station	SHT	05/18/15	Other
	SM-13-00016-SHT-C-E-044	Storm water Works at St. 8+250.	SHT	05/19/15	Other
	SM-13-00016-SHT-C-E-045	Reservoir roof penetration (Connection of the 30" pipeline to Halhul Reservoir)	SHT	05/19/15	Other
	SM-13-00016-SHT-C-E-046	Stoppage works at median curbstone from St. 7+180 to St. 7+210.	SHT	05/21/15	Other
	SM-13-00016-SHT-C-E-047	Construction of Garbage Containers Lay-by in the sidewalk at Al Hawawer road section from St. 6+980 to St. 7+515.	SHT	05/25/15	Other
	SM-13-00016-SHT-C-E-048	Modifying curbstone alignment from St. 7+270 to St. 7+300 LHS.	SHT	05/24/15	Record of Verbal Site Instruction
	SM-13-00016-SHT-C-E-049	Hand hole - Service Box Number and Locations at Halhul Reservoir	SHT	05/25/15	Other

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Spec. No.	Submittal No	Subject	Project	Submitted on (M/D/Y)	Remarks
	SM-13-00016-SHT-C-E-050	Concrete wall from St. 3+630 to St. 3+680.	SHT	05/25/15	Other
	SM-13-00016-SHT-C-E-051	Installation of removable concrete slab to the existing water chambers at Halhul Reservoir Yard.	SHT	05/25/15	Other
	SM-13-00016-SHT-C-E-052	Additional scope from St. 8+200 to St. 8+940 LHS and from St. 9+418 to Shahera Junction.	SHT	05/25/15	Other
	SM-13-00016-SHT-C-E-053	Stoppage of Air Vent water chamber works at St. 6+060 due to landowner objections.	SHT	05/31/15	Other
	SM-13-00016-SHT-C-E-054	Stoppage of works in Beit Ummar due to landowners objections	SHT	05/31/15	Other
	SM-13-00016-SHT-C-E-055	New Electric lighting poles at St. 7+220 and St. 7+100	SHT	06/01/15	Other
	SM-13-00016-SHT-C-E-056	Halhul Municipality works between St. 7+400 and St. 7+460 LHS	SHT	06/01/15	Other
	SM-13-00016-SHT-C-E-057	Construction of Concrete walls from St. 3+630 to St. 3+652 LHS, reply to SM-13-00016-SHT-E-C-072.	SHT	06/03/15	Other
	SM-13-00016-SHT-C-E-058	Design drawings and details for access road at St. 7+390 RHS.	SHT	06/04/15	Other
	SM-13-00016-SHT-C-E-059	Delay in curbstone and sidewalk works due to site obstructions.	SHT	06/07/15	Other
	SM-13-00016-SHT-C-E-060	Modifying sidewalk alignment from St. 7+470 to St. 7+497 RHS.	SHT	06/09/15	Record of Verbal Site Instruction
	SM-13-00016-SHT-C-E-061	Demolishing of curbstone works from St. 7+485 to St. 7+510 by Halhul Municipality.	SHT	06/15/15	Other
	SM-13-00016-SHT-C-E-062	Halhul Municipality water house connection at St. 10+780 RHS.	SHT	06/15/15	Other
	SM-13-00016-SHT-C-E-063	Excavation works to remove the existing 2" pipeline from St. 3+900 to St. 4+300 by Beit Ummar Municipality.	SHT	06/18/15	Other
	SM-13-00016-SHT-C-E-064	Illegal tapping (connection to the 30" pipeline at sta. 11+390)	SHT	06/21/15	Other
	SM-13-00016-SHT-C-E-065	Installation of two water chambers by Halhul Municipality at sta.9+680 and sta.10+000.	SHT	06/21/15	Other
	SM-13-00016-SHT-C-E-066	Remedy plan for asphalt layer from Sta.7+520 to Sta.7+930/Reply to Site Memo SM-13-00016-SHT-E-C-057	SHT	06/21/15	Other
	SM-13-00016-SHT-C-E-067	Scope of roads work from sta. 8+200 to sta. 8+270 and from sta. 11+000 to sta. 11+200	SHT	06/22/15	Other
	SM-13-00016-SHT-C-E-068	Work stoppage and obstructions cause delay to progress of works location in the project.	SHT	06/28/15	Other

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Inspection Request Log

Inspection Request			TRACKING DATES				Approval Status
Spec. No.	Inspection Request #	Description	Submitted on (M/D/Y)	Inspection Date	Returned on (M/D/Y)	Review Days	(A,B,C,D,E)
	IR-13-00016-SHT-001-A	NGL level & CL of retaining wall - From st.7+093 to st.7+220	01/26/14	01/27/14	01/29/14	2	C
	IR-13-00016-SHT-001-A 2nd Inspection	NGL level & CL of retaining wall - From st.7+093 to st.7+220	01/30/14	01/30/14	02/03/14	4	A
	IR-13-00016-SHT-002-A	Safety Plan - From st.6+680 to st.7+715	01/28/14	01/29/14	01/29/14	0	C
	IR-13-00016-SHT-002-A 2nd Inspection	Safety Plan - From st.6+680 to st.7+715	01/30/14	01/30/14	02/03/14	4	A
	IR-13-00016-SHT-003-A	Inspection for the excavation level of the retaining wall foundation before blind concrete (10cm) & the coordinate of exterior Edge of retaining wall. From st.7+093 to st.7+170	02/06/14	02/06/14	02/09/14	3	A
	IR-13-00016-SHT-004-A	Inspection for formworks for blinding concrete , From st.7+093 to st.7+170	02/06/14	02/08/14	02/09/14	1	C
	IR-13-00016-SHT-004-A - 2nd Inspection	Inspection for formworks for blinding concrete , From st.7+093 to st.7+170	02/09/14	02/09/14	02/10/14	1	D
	IR-13-00016-SHT-004-B	Inspection for formworks for blinding concrete , From st.7+093 to st.7+170	02/20/14	02/20/14	02/20/14	0	A
	IR-13-00016-SHT-005-A	Inspection for Casting blinding concrete, From st.7+093 to st.7+170	02/06/14	02/08/14	02/09/14	1	C
	IR-13-00016-SHT-005-A - 2nd Inspection	Inspection for Casting blinding concrete, From st.7+093 to st.7+171	02/09/14	02/09/14	02/10/14	1	D
	IR-13-00016-SHT-005-B	Inspection for Casting blinding concrete, From st.7+093 to st.7+170	02/20/14	02/20/14	02/20/14	0	A
	IR-13-00016-SHT-006-A	Inspection to attend taking sample by Building Center Laboratory from the steel on the site before starting the steel work. At Halhul Site	02/20/14	02/20/14	02/20/14	0	A
	IR-13-00016-SHT-007-A	Inspection for formworks & Steel works for casting foundation concrete, From st.7+093 to st.7+170	02/25/14	02/25/14	02/26/14	1	A
	IR-13-00016-SHT-008-A	Inspection for traffic plan, From st.0+000 to st.2+700	02/27/14	03/01/14	03/03/14	2	C
	IR-13-00016-SHT-008-B	Inspection for traffic plan, From st.0+000 to st.2+701	03/03/14	03/03/14	03/03/14	0	A
	IR-13-00016-SHT-009-A	Inspection the marking of center line points before Road Excavation, From st.0+300 to st.1+200	02/27/14	03/01/14	03/03/14	2	C
	IR-13-00016-SHT-009-B	Inspection the marking of center line points before Road Excavation, From st.0+300 to st.1+201	03/05/14	03/03/14	03/03/14	0	A
	IR-13-00016-SHT-010-A	Inspection for top level of the retaining wall, From st.7+095 to st.7+170	03/02/14	03/02/14	03/03/14	1	A
	IR-13-00016-SHT-011-A	Inspection the marking of center line points before Road Excavation, From st.0+080 to st.0+300	03/02/14	03/03/14	03/05/14	2	A
	IR-13-00016-SHT-012-A	Inspection for Steel Works for the wall - From st.7+096 to st.7+107	03/04/14	03/04/14	03/05/14	1	A
	IR-13-00016-SHT-013-A	Inspection for steel works for the wall before close shuttering - Retaining Wall from st.7+118 to st.7+129	03/05/14	03/05/14	03/06/14	1	A

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	IR-13-00016-SHT-014-A	Inspection for the formwork for the reinforced retaining wall before casting concrete Retaining Wall from st.7+096 to st.7+107	03/06/14	03/06/14	03/06/14	0	A
	IR-13-00016-SHT-015-A	Inspection for casting concrete for the retaining wall. Retaining Wall from st.7+096 to st.7+107	03/06/14	03/08/14	03/09/14	1	C
	IR-13-00016-SHT-015-B	Inspection for casting concrete for the retaining wall. Retaining Wall from st.7+096 to st.7+107	03/09/14	03/09/14	03/09/14	0	A
	IR-13-00016-SHT-016-A	Inspection for traffic plan along 8'' Beit Omar Network From st. 0+000 to st.2+374	03/09/14	03/09/14	03/09/14	0	A
	IR-13-00016-SHT-017-A	Inspection for the formwork for the reinforced retaining wall before casting concrete, From st. 7+118 to st.7+129	03/09/14	03/09/14	03/09/14	0	A
	IR-13-00016-SHT-018-A	Inspection for steel works for the wall before close shuttering - Retaining Wall from st. 7+140 to st.7+151	03/09/14	03/09/14	03/09/14	0	A
	IR-13-00016-SHT-019-A	Inspection for steel works for the wall before close shuttering - Retaining Wall from st. 7+160 to st.7+170	03/09/14	03/09/14	03/09/14	0	A
	IR-13-00016-SHT-020-A	Inspection for casting concrete for the retaining wall. Retaining Wall From st. 7+118 to st.7+129	03/09/14	03/09/14	03/09/14	0	A
	IR-13-00016-SHT-021-A	Inspection for steel works & formwork for the wall of the retaining wall before casting concrete - Retaining Wall From st. 7+140 to st.7+150 & from st 7+160 to st.7+170	03/10/14	03/11/14	03/11/14	0	A
	IR-13-00016-SHT-022-A	Inspection casting concrete for the wall of the retaining wall- Retaining Wall From st. 7+140 to st.7+150 & from st 7+160 to st.7+171	03/11/14	03/11/14	03/11/14	0	A
	IR-13-00016-SHT-023-A	Inspection for Storage Yard.	03/17/14	03/17/14	03/17/14	0	C
	IR-13-00016-SHT-023-B	Inspection for Storage Yard.	03/24/14	03/24/14	03/24/14	0	C
	IR-13-00016-SHT-023-C	Inspection for Storage Yard.	03/31/14	03/31/14	04/01/14	1	A
	IR-13-00016-SHT-024-A	NGL level & Coordinates of edge of the wall From St. 7+389 to st.7+410 & from st.7+441 to st.7+505	03/18/14	03/18/14	03/20/14	2	A
	IR-13-00016-SHT-025-A	Inspection for steel works for the wall before close shuttering Retaining Wall from st. 7+107 to st.7+118 & from st.7+129 to st.7+140	03/19/14	03/19/14	03/20/14	1	A
	IR-13-00016-SHT-026-A	Inspection for steel works for the wall before close shuttering , Retaining Wall from st.7+150 to st.7+160	03/23/14	03/23/14	03/24/14	1	A
	IR-13-00016-SHT-027-A	Inspection for the coordinates & levels of NGL for centerline from st.1+200 to st.2+500	03/24/14	03/24/14	03/24/14	0	A
	IR-13-00016-SHT-028-A	Inspection for 8" pipes hand over	03/24/14	03/24/14	03/24/14	0	C
	IR-13-00016-SHT-028-B	Inspection for 8" pipes hand over	03/31/14	03/31/14	04/01/14	1	C
	IR-13-00016-SHT-028-C	Inspection for 8" pipes hand over & Fittings	05/14/14	05/14/14	05/15/14	1	C
	IR-13-00016-SHT-029-A	Inspection for formwork for the wall before casting concrete Retaining Wall from st. 7+107 to st.7+118	03/24/14	03/24/14	03/24/14	0	A
	IR-13-00016-SHT-030-A	Inspection for formwork for the wall before casting concrete Retaining Wall from st.7+129 to st.7+140	03/24/14	03/24/14	03/24/14	0	A

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	IR-13-00016-SHT-031-A	Inspection for formwork for the wall before casting concrete Retaining Wall from st.7+150 to st.7+160	03/24/14	03/24/14	03/24/14	0	A
	IR-13-00016-SHT-032-A	Inspection for fabrication of elbows in the workshop.	03/31/14	03/31/14	04/01/14	1	A
	IR-13-00016-SHT-033-A	Inspection the alignment of 8'' pipeline & existing utilities at Beit Ummar Water Distribution Network before start excavation From Sta.0+480 to Sta.0+820	04/01/14	04/01/14	04/02/14	1	A
	IR-13-00016-SHT-034-A	Inspection for coordinates of edge of R.W. & formwork for the foundation before casting blinding concrete From St.7+445 to st.7+505	04/02/14	04/02/14	04/02/14	0	C
	IR-13-00016-SHT-034-B	Inspection for coordinates of edge of R.W. & formwork for the foundation before casting blinding concrete From St.7+449 to st.7+505	04/02/14	04/02/14	04/03/14	1	A
	IR-13-00016-SHT-035-A	Inspection for coordinates of road centerline & NGL level for A-Aroub Road from st. 0+000 to st. 1+225	04/03/14	04/03/14	04/03/14	0	A
	IR-13-00016-SHT-036-A	Inspection excavation reduce level from st.7+389 to st.7+419	04/07/14	04/07/14	04/08/14	1	A
	IR-13-00016-SHT-037-A	Inspection excavation reduce level From st.7+441 to st.7+449	04/07/14	04/07/14	04/08/14	1	A
	IR-13-00016-SHT-038-A	Inspection for formwork and coordinate outside edge of wall before casting blinding concrete from st.7+389 to st.7+419 and from st.7+441 to st.7+449	04/08/14	04/08/14	04/08/14	0	A
	IR-13-00016-SHT-039-A	Inspection for steel works & formwork for the wall of the retaining wall before casting concrete - Retaining Wall From st.7+445 to st.7+505	04/10/14	04/12/14	04/13/14	1	A
	IR-13-00016-SHT-040-A	Inspection for casting concrete for the retaining wall- Retaining Wall From st.7+445 to st.7+505	04/10/14	04/12/14	04/13/14	1	A
	IR-13-00016-SHT-041-A	Inspection for preparation & cleaning for walls & foundations before insulation of Nitoproof 230 from interior side up to 2m height from top of foundation Retaining Wall from st.7+097 to st.7+175	04/13/14	04/14/14	04/14/14	0	A
	IR-13-00016-SHT-042-A	Inspection for preparation & cleaning the expansion joints & construction joints before filling (Thioflex 600) for interior side Retaining Wall from st.7+097 to st.7+175	04/13/14	04/14/14	04/14/14	0	C
	IR-13-00016-SHT-042-B	Inspection for preparation & cleaning the expansion joints & construction joints before filling (Thioflex 600) for interior side Retaining Wall from st.7+097 to st.7+175	04/21/14	04/21/14	04/22/14	1	A
	IR-13-00016-SHT-043-A	Inspection for steel works & formwork for the retaining wall foundation before casting concrete - Retaining Wall From st.7+390.92 to st.7+418.5	04/14/14	04/13/14	04/15/14	2	A
	IR-13-00016-SHT-044-A	Inspection for casting concrete for the retaining wall- Retaining Wall From st.7+390.92 to st.7+418.5	04/14/14	04/15/14	04/15/14	0	A
	IR-13-00016-SHT-045-A	Inspection for NGL level & Coordinates of edge of the wall. Retaining Wall from st.7+220 to st.7+375	04/16/14	04/16/14	04/16/14	0	A

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	IR-13-00016-SHT-046-A	Inspection for steel works & formwork for the retaining wall foundation before casting concrete- Retaining Wall From st.7+389.32 to st.7+390.92 & from st.7+439.66 to st.7+444.84 & Access road RHS at st.7+439.96	04/17/14	04/19/14	04/19/14	0	A
	IR-13-00016-SHT-047-A	Inspection for casting concrete for the retaining wall foundation - Retaining Wall From st.7+389.32 to st.7+390.92 & from st.7+439.66 to st.7+444.84 & Access road RHS at st.7+439.96	04/17/14	04/19/14	04/19/14	0	A
	IR-13-00016-SHT-048-A	Inspection for formwork and top level of the wall and the retaining wall before steel works from st.7+450 to st.7+460 & from st.7+470 to st.7+480	04/17/14	04/19/14	04/19/14	0	A
	IR-13-00016-SHT-049-A	Inspection for casting blinding concrete for the retaining wall foundation - from st.7+389.32 to st.7+390.92 & Access road at st.7+439.66	04/17/14	04/19/14	04/19/14	0	A
	IR-13-00016-SHT-050-A	Inspection for steel works for the wall of the retaining wall from st.7+447.37 to st.7+457.22 & from st.7+468.42 to st.7+479.12	04/21/14	04/21/14	04/22/14	1	A
	IR-13-00016-SHT-051-A	Inspection for excavation for the retaining wall to reduce level from st.7+320 to st. 7+370	04/24/14	04/24/14	04/24/14	0	A
	IR-13-00016-SHT-052-A	Inspection for formwork for the wall of the retaining wall before casting concrete - Retaining Wall from st.7+447.37 to st.7+457.22 & from st.7+468.42 to st.7+479.12	04/27/14	04/27/14	04/27/14	0	A
	IR-13-00016-SHT-053-A	Inspection for casting concrete for the wall of the retaining wall- Retaining Wall from st.7+447.37 to st.7+457.22 & from st.7+468.42 to st.7+479.12	04/27/14	04/27/14	04/27/14	0	A
	IR-13-00016-SHT-054-A	Inspection for formwork and coordinate of the wall foundation before casting blinding concrete - from st.7+347.92 to st.7+364.35 & from st.7+309.48 to st.7+347.92	04/27/14	04/27/14	04/27/14	0	A
	IR-13-00016-SHT-055-A	Inspection for casting blinding concrete for the wall foundation - from st.7+347.92 to st.7+364.35 & from st.7+309.48 to st.7+347.92	04/27/14	04/27/14	04/27/14	0	A
	IR-13-00016-SHT-056-A	Inspection request for 30" raw material to check and approve the steel (before manufacturing). Location METCO Storage Yard	04/28/14	04/30/14	05/01/14	1	A
	IR-13-00016-SHT-057-A	Inspection for steel works for the wall of the retaining wall from st.7+488.9 to st.7+500.14	04/28/14	04/28/14	04/28/14	0	A
	IR-13-00016-SHT-058-A	Inspection insulation interior side up to 2m height from top of foundation using of Nitoproof 230- Retaining Wall from st.7+096 to st.7+175	04/30/14	04/30/14	04/30/14	0	A
	IR-13-00016-SHT-059-A	Inspection for formwork for the wall of the retaining wall before casting concrete - Retaining Wall from st.7+488.9 to st.7+500.14	04/30/14	05/01/14	05/01/14	0	A
	IR-13-00016-SHT-060-A	Inspection for casting concrete for the wall of the retaining wall - Retaining Wall from st.7+488.9 to st.7+500.14	04/30/14	05/01/14	05/01/14	0	A
	IR-13-00016-SHT-061-A	Inspection for excavation for the retaining wall to reduce level from st.7+270 to st. 7+310	04/30/14	05/01/14	05/01/14	0	A

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	IR-13-00016-SHT-062-A	Inspection for formwork and coordinate of the wall foundation before casting blinding concrete from st.7+270 to st. 7+310	04/30/14	05/01/14	05/01/14	0	A
	IR-13-00016-SHT-063-A	Inspection for casting blinding concrete for the wall foundation from st.7+274.35 to st. 7+309.48	04/30/14	05/01/14	05/01/14	0	A
	IR-13-00016-SHT-064-A	Inspection for steel works for the wall of the retaining wall from st.7+407.05 to st.7+416.85	05/04/14	05/04/14	05/04/14	0	A
	IR-13-00016-SHT-065-A	Inspection for 30'' pipe manufacturing process and review (Check testing) - METCO Factory	05/05/14	05/11/14	05/12/14	1	A
	IR-13-00016-SHT-066-A	Inspection for excavation for the retaining wall to reduce level - Retaining Wall from st.7+220 to st. 7+270	05/05/14	05/05/14	05/05/14	0	C
	IR-13-00016-SHT-066-B	Inspection for excavation for the retaining wall to reduce level - Retaining Wall from st.7+235 to st. 7+270	05/07/14	05/07/14	05/07/14	0	A
	IR-13-00016-SHT-067-A	Inspection for formwork and coordinate of the wall foundation before casting blinding concrete - Retaining Wall from st.7+220 to st. 7+270	05/05/14	05/05/14	05/05/14	0	C
	IR-13-00016-SHT-067-B	Inspection for formwork and coordinate of the wall foundation before casting blinding concrete- Retaining Wall from st.7+235 to st. 7+270	05/07/14	05/07/14	05/07/14	0	A
	IR-13-00016-SHT-068-A	Inspection for casting blinding concrete for the wall foundation- Retaining Wall from st.7+235 to st. 7+270	05/07/14	05/07/14	05/07/14	0	A
	IR-13-00016-SHT-069-A	Inspection for formwork for the wall of the retaining wall from st.7+407.05 to st.7+416.85	05/08/14	05/10/14	05/11/14	1	A
	IR-13-00016-SHT-070-A	Inspection for casting concrete for the wall of the retaining wall - Retaining Wall from st.7+407.05 to st.7+416.85	05/08/14	05/10/14	05/11/14	1	A
	IR-13-00016-SHT-071-A	Inspection the alignment of 8'' pipeline & existing utilities at Beit Ummar Water Distribution Network before start excavation from Sta.0+820 to st. 2+295	05/10/14	05/10/14	05/11/14	1	A
	IR-13-00016-SHT-072-A	Inspection the alignment of 8'' pipeline & existing utilities at Beit Ummar Water Distribution Network before start excavation from sta.0+000 to 0+480	05/11/14	05/12/14	05/12/14	0	A
	IR-13-00016-SHT-073-A	Inspection for steel works for the retaining wall foundation from st.7+330.87 to st.7+361.82	05/11/14	05/11/14	05/12/14	1	A
	IR-13-00016-SHT-074-A	Inspection for steel works for the wall of the retaining wall from st.7+398 to st.7+389.32	05/11/14	05/11/14	05/12/14	1	A
	IR-13-00016-SHT-075-A	Inspection for steel works for the wall of the retaining wall from st.7+457.22 to st.7+464.19	05/11/14	05/11/14	05/12/14	1	A
	IR-13-00016-SHT-076-A	Inspection for steel works for the wall of the retaining wall from st.7+479.12 to st.7+488.99	05/11/14	05/11/14	05/12/14	1	A

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	IR-13-00016-SHT-077-A	Inspection for casting concrete for the retaining wall foundation from st.7+330.87 to st.7+361.82	05/12/14	05/12/14	05/12/14	0	A
	IR-13-00016-SHT-078-A	Inspection for safety measures , traffic plan before start excavation & installation for Beit Omar 8`` pipeline - Beit Omar 8`` pipeline 0+000 to 0+820	05/14/14	05/14/14	05/14/14	0	A
	IR-13-00016-SHT-079-A	Inspection for steel works for the wall base slab of the retaining wall (Retaining wall foundation) from st.7+280.65 to st.7+331.17	05/14/14	05/14/14	05/14/14	0	A
	IR-13-00016-SHT-080-A	Inspection for casting concrete for the retaining wall base slab. (Retaining wall foundation) from st.7+280.65 to st.7+331.18	05/14/14	05/15/14	05/15/14	0	A
	IR-13-00016-SHT-081-A	Inspection for casting concrete for the wall of the retaining wall from st.7+457.22 to st.7+468.42	05/18/14	05/18/14	05/18/14	0	A
	IR-13-00016-SHT-082-A	Inspection for casting concrete for the wall of the retaining wall from st.7+479.12 to st.7+488.99	05/18/14	05/18/14	05/18/14	0	A
	IR-13-00016-SHT-083-A	Inspection for fabrication of 30'' bends using the following equipment : Telescope JCB, Balanko, Fiber Cutter & welding Machine	05/20/14	05/20/14	05/21/14	1	D
	IR-13-00016-SHT-084-A	Inspection for 30'' pipe tests including 1. Two sets of tension test., 2. Two sets of bend test., 3. Six sets of impact test. - Location: Tzinorot Lab (Metallurgical Laboratory)	05/20/14	05/22/14	05/22/14	0	A
	IR-13-00016-SHT-085-A	Inspection for steel works for the wall base slab of the retaining wall (Retaining wall foundation) from st.7+259.84 to st.7+280.65	05/21/14	05/21/14	05/21/14	0	A
	IR-13-00016-SHT-086-A	Inspection for formwork for the wall base slab of the retaining wall (Retaining wall foundation) from st.7+259.84 to st.7+280.65	05/21/14	05/21/14	05/21/14	0	A
	IR-13-00016-SHT-087-A	Inspection the alignment of 8'' pipeline & existing utilities at Beit Ummar Water Distribution Network before start excavation from Sta.0+820 to st. 0+900	05/21/14	05/21/14	05/21/14	0	A
	IR-13-00016-SHT-088-A	Inspection for safety measures , traffic plan before start excavation & installation for Beit Omar 8`` pipeline - Beit Omar 8`` pipeline 0+820 to 0+900	05/21/14	05/21/14	05/21/14	0	A
	IR-13-00016-SHT-089-A	Inspection for casting concrete for the wall of the retaining wall from st.7+389.32 to st.7+398	05/21/14	05/21/14	05/21/14	0	A
	IR-13-00016-SHT-090-A	Inspection for casting concrete for the wall base slab of the retaining wall (Retaining wall foundation) from st.7+259.84 to st.7+280.65	05/21/14	05/21/14	05/21/14	0	A
	IR-13-00016-SHT-091-A	Inspection Request for black pipe and coating the 8" pipes in METCO	05/25/14	05/26/14	05/27/14	1	A

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	IR-13-00016-SHT-092-A	Inspection for steel works for the wall base slab of the retaining wall (Retaining wall foundation) from st.7+237.30 to st.7+259.84	05/25/14	05/26/14	05/26/14	0	A
	IR-13-00016-SHT-093-A	Inspection for casting concrete for the wall base slab of the retaining wall (Retaining wall foundation) from st.7+237.30 to st.7+259.84	05/26/14	05/27/14	05/27/14	0	A
	IR-13-00016-SHT-094-A	Inspection for steel works for the wall of the retaining wall from st.7+347.62 to st.7+357.36	05/26/14	05/27/14	05/27/14	0	A
	IR-13-00016-SHT-095-A	Inspection for steel works for the wall of the retaining wall from st.7+500.14 to st.7+505.59	05/26/14	05/27/14	05/27/14	0	A
	IR-13-00016-SHT-096-A	Inspection for casting concrete for the wall of the retaining wall from st.7+500.14 to st.7+505.59	05/27/14	05/27/14	05/27/14	0	A
	IR-13-00016-SHT-097-A	Inspection for steel works for the wall of the retaining wall from st.7+398 to st.7+407.5	05/27/14	05/28/14	05/28/14	0	A
	IR-13-00016-SHT-098-A	Inspection for casting concrete for the wall of the retaining wall from st.7+347.62 to st.7+357.36 , First stage (with height 3.44)	05/29/14	05/29/14	05/29/14	0	A
	IR-13-00016-SHT-099-A	Inspection for steel works for the wall of the retaining wall from st.7+439.66 to st.7+447.37	05/29/14	05/29/14	05/29/14	0	A
	IR-13-00016-SHT-100-A	Inspection for casting concrete for the wall of the retaining wall from st.7+398 to st.7+407.05	05/31/14	05/31/14	05/31/14	0	A
	IR-13-00016-SHT-101-A	Inspection for casting concrete for the wall of the retaining wall from st.7+439.66 to st.7+447.37	06/01/14	06/01/14	06/01/14	0	A
	IR-13-00016-SHT-102-A	Inspection for steel works for the wall of the retaining wall from st.7+328.12 to st.7+337.87	06/01/14	06/01/14	06/01/14	0	A
	IR-13-00016-SHT-103-A	Inspection for casting concrete for the wall of the retaining wall from st.7+347.62 to st.7+357.36 , 2nd stage (with height 3.44)	06/01/14	06/01/14	06/01/14	0	A
	IR-13-00016-SHT-104-A	Inspection for casting concrete first stage for the wall of the retaining wall from st.7+328.12 to st.7+337.87 (height - 3.90 m)	06/02/14	06/03/14	06/03/14	0	A
	IR-13-00016-SHT-105-A	Inspection for safety measures , traffic plan before start excavation & installation for Beit Omar 8`` pipeline - Beit Omar 8`` pipeline 1+600 to 2+370	06/03/14	06/03/14	06/04/14	1	C
	IR-13-00016-SHT-105-B	Inspection for safety measures , traffic plan before start excavation & installation for Beit Omar 8`` pipeline - Beit Omar 8`` pipeline 1+600 to 2+370	06/05/14	06/05/14	06/05/14	0	A
	IR-13-00016-SHT-106-A	Inspection for casting concrete 2nd stage for the wall of the retaining wall from st.7+328.12 to st.7+337.87 (height - 3.90 m)	06/05/14	06/07/14	06/07/14	0	A
	IR-13-00016-SHT-107-A	Inspection for steel works for the wall of the retaining wall from st.7+308 to st.7+318.12	06/07/14	06/07/14	06/07/14	0	A
	IR-13-00016-SHT-108-A	Inspection for Backfill selected material - Retaining wall from st.7+093 to st.7+175	06/07/14	06/08/14	06/08/14	0	D

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	IR-13-00016-SHT-108-B	Inspection for Backfill selected material - Retaining wall from st.7+093 to st.7+170	06/15/14	06/15/14	06/15/14	0	A
	IR-13-00016-SHT-109-A	Inspection for casting concrete **first Stage** for the wall of the retaining wall from st.7+308 to st.7+318.12	06/08/14	06/09/14	06/09/14	0	A
	IR-13-00016-SHT-110-A	Inspection for safety measures , traffic plan before start excavation & installation for Roads - Halhul- 7+080 to 7+200	06/08/14	06/09/14	06/10/14	1	C
	IR-13-00016-SHT-110-B	Inspection for traffic plan before start excavation & installation for Roads - Halhul- 7+080 to 7+200	06/10/14	06/10/14	06/10/14	0	A
	IR-13-00016-SHT-111-A	Inspection for steel works for the wall of the retaining wall - Retaining wall from st.7+289.98 to st.7+299.78	06/08/14	06/09/14	06/10/14	1	A
	IR-13-00016-SHT-112-A	Inspection for welder qualification tests- Storage Yard	06/08/14	06/09/14	06/10/14	1	A
	IR-13-00016-SHT-113-A	Inspection for casting concrete **2nd Stage** for the wall of the retaining wall from st.7+308.48 to st.7+318.38	06/10/14	06/10/14	06/10/14	0	A
	IR-13-00016-SHT-114-A	Inspection for the preparation works for interior side up to 2m height before start of first coat - Retaining Wall from st.7+450 to st.7+505	06/10/14	06/10/14	06/11/14	1	C
	IR-13-00016-SHT-114-B	Inspection for the preparation works for interior side up to 2m height before start of first coat - Retaining Wall from st.7+450 to st.7+505	06/15/14	06/15/14	06/15/14	0	A
	IR-13-00016-SHT-115-A	Inspection for steel works for the wall of the retaining wall - Retaining wall from st.7+268.94 to st.7+278.85	06/10/14	06/10/14	06/10/14	0	A
	IR-13-00016-SHT-116-A	Inspection for sub grade level for 30" pipeline from sta.0+900 to sta.1+200	06/10/14	06/11/14	06/11/14	0	C
	IR-13-00016-SHT-116-B	Inspection for sub grade level for 30" pipeline from sta.0+900 to sta.1+200	08/26/14	08/26/14	08/26/14	0	A
	IR-13-00016-SHT-117-A	Inspection for sub grade level for Al-Aroub network from sta.0+000 to sta.0+200 & from sta.0+230 to sta.0+500	06/11/14	06/11/14	06/11/14	0	C
	IR-13-00016-SHT-117-B	Inspection for sub grade level for Al-Aroub network from sta.0+000 to sta.0+700	08/07/14	08/07/14	08/07/14	0	A
	IR-13-00016-SHT-118-A	Inspection for digging in 6" Al-Aroub pipeline from sta.0+000 to sta.0+260	06/11/14	06/11/14	06/11/14	0	A
	IR-13-00016-SHT-119-A	Inspection for casting concrete **first stage** for the wall of the retaining wall from st.7+289.98 to st.7+299.78	06/11/14	06/11/14	06/11/14	0	A
	IR-13-00016-SHT-120-A	Inspection for final excavation level from sta.7+215 to sta.7+220	06/12/14	06/12/14	06/12/14	0	A
	IR-13-00016-SHT-121-A	Inspection for 30" main pipeline installation from sta.1+200 to sta.0+800	06/12/14	06/12/14	06/12/14	0	D
	IR-13-00016-SHT-121-B	Inspection for 30" main pipeline installation from sta.1+200 to sta.0+800	06/14/14	06/14/14	06/14/14	0	A
	IR-13-00016-SHT-122-A	Inspection for safety measurements along 30" main pipeline installation from sta.1+200 to sta.0+800	06/12/14	06/12/14	06/12/14	0	C

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	IR-13-00016-SHT-122-B	Inspection for safety measurements along 30" main pipeline installation from sta.1+200 to sta.0+800	06/18/14	06/18/14	06/18/14	0	C
	IR-13-00016-SHT-122-C	Inspection for safety measurements along 30" main pipeline installation from sta.1+200 to sta.0+800	06/19/14	06/19/14	06/19/14	0	A
	IR-13-00016-SHT-123-A	Inspection for marking of ROW coordinates for right hand side of road before start excavation	06/12/14	06/12/14	06/12/14	0	A
	IR-13-00016-SHT-124-A	Inspection for casting concrete **2nd stage** for the wall of the retaining wall from st.7+289.98 to st.7+299.78	06/12/14	06/14/14	06/15/14	1	A
	IR-13-00016-SHT-125-A	Inspection for safety measurement before start excavation & installation for Roads - Halhul-7+000 to 7+200	06/15/14	06/15/14	06/15/14	0	A
	IR-13-00016-SHT-126-A	Inspection for the preparation works for outer side up to natural ground level before start of first coat from sta.7+093 to sta.7+175	06/15/14	06/15/14	06/15/14	0	A
	IR-13-00016-SHT-127-A	Inspection for steel works for the wall of the retaining wall - Retaining wall from st.7+337.87 to st.7+347.62	06/15/14	06/15/14	06/15/14	0	A
	IR-13-00016-SHT-128-A	Inspection for casting concrete 1st stage for the wall of the retaining wall - Retaining wall from st.7+268.94 to st.7+278.85	06/15/14	06/15/14	06/15/14	0	A
	IR-13-00016-SHT-129-A	Inspection for Internal cement lining mockup of 30" elbows at Workshop	06/15/14	06/15/14	06/15/14	0	A
	IR-13-00016-SHT-130-A	Inspection for Backfill **first layer** selected material - Retaining wall from st.7+093 to st.7+170	06/15/14	06/15/14	06/15/14	0	A
	IR-13-00016-SHT-131-A	Inspection for Backfill **2nd layer** selected material - Retaining wall from st.7+093 to st.7+170	06/16/14	06/16/14	06/16/14	0	A
	IR-13-00016-SHT-132-A	Inspection for casting concrete 1st stage for the wall of the retaining wall - Retaining wall from st.7+337.87 to st.7+347.62	06/16/14	06/16/14	06/16/14	0	A
	IR-13-00016-SHT-133-A	Inspection for first coat insulation works for interior side up to 2m height before start of 2nd coat insulation- Retaining Wall from st.7+450 to st.7+505	06/17/14	06/17/14	06/17/14	0	A
	IR-13-00016-SHT-134-A	Inspection for welder qualification tests- Storage Yard	06/17/14	06/17/14	06/17/14	0	C
	IR-13-00016-SHT-134-B	Inspection for welder qualification tests- Storage Yard	06/18/14	06/18/14	06/19/14	1	A
	IR-13-00016-SHT-135-A	Inspection for casting concrete 2nd stage for the wall of the retaining wall - Retaining wall from st.7+268.94 to st.7+278.85	06/17/14	06/17/14	06/17/14	0	A
	IR-13-00016-SHT-136-A	Inspection for Backfill **3rd layer** selected material - Retaining wall from st.7+093 to st.7+170	06/17/14	06/17/14	06/18/14	1	C
	IR-13-00016-SHT-136-B	Inspection for Backfill 3rd layer selected material - Retaining wall from st.7+093 to st.7+170	06/18/14	06/18/14	06/19/14	1	A
	IR-13-00016-SHT-137-A	Inspection for 2nd coat insulation works for interior side up to 2m height before start backfilling- Retaining Wall from st.7+450 to st.7+505	06/17/14	06/18/14	06/18/14	0	A
	IR-13-00016-SHT-138-A	Inspection for formwork 2nd stage for the wall of the retaining wall - Retaining wall from st.7+337.87 to st.7+347.62	06/18/14	06/18/14	06/18/14	0	A

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	IR-13-00016-SHT-139-A	Inspection for casting concrete 2nd stage for the wall of the retaining wall - Retaining wall from st.7+337.87 to st.7+347.62	06/18/14	06/19/14	06/19/14	0	A
	IR-13-00016-SHT-140-A	Inspection for Backfill first layer selected material - Retaining Wall from st.7+450 to st.7+505	06/19/14	06/19/14	06/19/14	0	C
	IR-13-00016-SHT-140-B	Inspection for Backfill **first layer** selected material - Retaining Wall from st.7+450 to st.7+505	06/22/14	06/22/14	06/23/14	1	C
	IR-13-00016-SHT-140-C	Inspection for Backfill first layer selected material - Retaining Wall from st.7+450 to st.7+470	06/25/14	06/25/14	06/25/14	0	A
	IR-13-00016-SHT-141-A	Inspection for steel works for the wall of the retaining wall - Retaining wall from st.7+318.38 to st.7+328.12	06/19/14	06/19/14	06/19/14	0	A
	IR-13-00016-SHT-142-A	Inspection for formwork for the wall of the retaining wall - Retaining wall from st.7+318.38 to st.7+328.12	06/19/14	06/21/14	06/21/14	0	A
	IR-13-00016-SHT-143-A	Inspection for casting concrete **1st stage** for the wall of the retaining wall - Retaining wall from st.7+318.38 to st.7+328.12	06/19/14	06/21/14	06/21/14	0	A
	IR-13-00016-SHT-144-A	Inspection for traffic plan along 8'' Halhul Network (Zaboud) before start construction from st. 0+000 to st.1+100	06/19/14	06/21/14	06/21/14	0	C
	IR-13-00016-SHT-144-B	Inspection for traffic plan along 8'' Halhul Network (Zaboud) before start construction from st. 0+000 to st.1+100	06/22/14	06/22/14	06/22/14	0	A
	IR-13-00016-SHT-145-A	Inspection for the alignment of 8'' pipeline & existing utilities at Zaboud Network before start excavation from sta.0+600 to sta.1+100	06/19/14	06/21/14	06/21/14	0	C
	IR-13-00016-SHT-145-B	Inspection for the alignment of 8'' pipeline & existing utilities at Zaboud Network before start excavation from sta.0+600 to sta.1+100	06/22/14	06/22/14	06/22/14	0	A
	IR-13-00016-SHT-146-A	Inspection for Backfill **4th layer** selected material - Retaining wall from st.7+093 to st.7+150	06/22/14	06/22/14	06/22/14	0	A
	IR-13-00016-SHT-147-A	Inspection for steel works for the wall of the retaining wall - Retaining wall from sta. 7+439.66 to access road	06/22/14	06/22/14	06/23/14	1	A
	IR-13-00016-SHT-148-A	Inspection for formwork for the wall of the retaining wall - Retaining wall from sta. 7+439.66 to access road	06/22/14	06/22/14	06/23/14	1	A
	IR-13-00016-SHT-149-A	Inspection for casting concrete for the wall of the retaining wall - Retaining wall from sta. 7+439.66 to access road	06/22/14	06/22/14	06/23/14	1	A
	IR-13-00016-SHT-150-A	Inspection for steel works for the wall of the retaining wall - Retaining wall from sta. 7+250.45 to sta.7+259.24	06/22/14	06/22/14	06/22/14	0	A
	IR-13-00016-SHT-151-A	Inspection for casting blinding concrete for the wall foundation from sta. 7+203.4 to sta.7+237.30	06/23/14	06/23/14	06/23/14	0	A

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	IR-13-00016-SHT-152-A	Inspection for formwork **2nd stage** for the wall of the retaining wall - Retaining wall from st.7+318.38 to st.7+328.12	06/23/14	06/23/14	06/23/14	0	A
	IR-13-00016-SHT-153-A	Inspection for casting concrete 2nd stage for the wall of the retaining wall - Retaining wall from st.7+318.38 to st.7+328.12	06/23/14	06/23/14	06/23/14	0	A
	IR-13-00016-SHT-154-A	Inspection for steel works for the retaining wall foundation from sta.7+361.82 to sta.7+363.22	06/23/14	06/23/14	06/23/14	0	A
	IR-13-00016-SHT-155-A	Inspection for casting concrete for the retaining wall foundation from sta.7+361.82 to sta.7+363.22	06/23/14	06/23/14	06/23/14	0	A
	IR-13-00016-SHT-156-A	Inspection for Backfill **5th layer** selected material - Retaining wall from st.7+093 to st.7+135	06/23/14	06/23/14	06/23/14	0	A
	IR-13-00016-SHT-157-A	Inspection for formwork **first stage** for the wall of the retaining wall - Retaining wall from sta. 7+250.58 to sta.7+259.27	06/25/14	06/25/14	06/25/14	0	A
	IR-13-00016-SHT-158-A	Inspection for casting concrete **first stage** for the wall of the retaining wall - Retaining wall from sta. 7+250.58 to sta.7+259.27	06/25/14	06/25/14	06/25/14	0	A
	IR-13-00016-SHT-159-A	Inspection for steel works for the wall of the retaining wall from sta.7+299.72 to sta.7+308.48	06/25/14	06/25/14	06/25/14	0	A
	IR-13-00016-SHT-160-A	Inspection for steel works for the retaining wall foundation from sta.7+418.5 to sta.7+420	06/25/14	06/25/14	06/25/14	0	A
	IR-13-00016-SHT-161-A	Inspection for casting concrete for the retaining wall foundation from sta.7+418.5 to sta.7+420	06/25/14	06/25/14	06/25/14	0	A
	IR-13-00016-SHT-162-A	Inspection for Backfill 2nd layer selected material - Retaining Wall from st.7+450 to st.7+465	06/25/14	06/26/14	06/26/14	0	A
	IR-13-00016-SHT-163-A	Inspection for Backfill **6th layer** selected material - Retaining wall from st.7+093 to st.7+120	06/25/14	06/26/14	06/26/14	0	A
	IR-13-00016-SHT-164-A	Inspection for Backfill 1st layer selected material - Retaining wall from st.7+470 to st.7+485	06/25/14	06/26/14	06/26/14	0	A
	IR-13-00016-SHT-165-A	Inspection for safety measurement before start excavation & installation 8" pipes - Halhul-Zaboud from sta.0+620 to 1+110	06/26/14	06/26/14	06/26/14	0	A
	IR-13-00016-SHT-166-A	Inspection for casting concrete 2nd stage for the wall of the retaining wall - Retaining wall from sta. 7+250.58 to sta.7+259.27	06/26/14	06/28/14	06/29/14	1	A
	IR-13-00016-SHT-167-A	Inspection for steel works for the wall of the retaining wall from sta.7+278.85 to sta.7+289.98	06/29/14	06/29/14	06/29/14	0	A
	IR-13-00016-SHT-168-A	Inspection for formwork for the wall of the retaining wall from sta.7+299.78 to sta.7+308.48	06/29/14	06/30/14	06/30/14	0	A
	IR-13-00016-SHT-169-A	Inspection for safety and traffic plan before road excavation From St.6+900 to st.7+120	06/29/14	06/30/14	06/30/14	0	D

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	IR-13-00016-SHT-169-B	Inspection for safety and traffic plan before road excavation From St.6+900 to st.7+250 - Al-Hawawer	07/03/14	07/03/14	07/03/14	0	C
	IR-13-00016-SHT-169-C	Inspection for traffic plan before road excavation From St.6+900 to st.7+250 - Al-Hawawer	07/05/14	07/06/14	07/06/14	0	C
	IR-13-00016-SHT-169-D	Inspection for traffic plan before road excavation From St.6+900 to st.7+250 - Al-Hawawer	08/04/14	08/04/14	08/04/14	0	A
	IR-13-00016-SHT-170-A	Inspection for casting concrete B-250 **first stage** for the wall of the retaining wall from sta.7+299.72 to sta.7+308.48	06/29/14	06/30/14	06/30/14	0	A
	IR-13-00016-SHT-171-A	Inspection for welder qualification tests- Storage Yard	06/26/14	06/28/14	06/30/14	2	A
	IR-13-00016-SHT-172-A	Inspection for steel works for the retaining wall foundation from sta.7+203.54 to sta.7+237.3	07/02/14	07/03/14	07/03/14	0	C
	IR-13-00016-SHT-172-B	Inspection for steel works for the retaining wall foundation from sta.7+204.23 to sta.7+237.3	07/05/14	07/05/14	07/06/14	1	A
	IR-13-00016-SHT-173-A	Inspection for welder qualification tests- Storage Yard	07/03/14	07/03/14	07/03/14	0	A
	IR-13-00016-SHT-174-A	Inspection for Al-Aroub traffic plan from Sta.0+000 to Sta.1+100.	07/03/14	07/03/14	07/03/14	0	C
	IR-13-00016-SHT-174-B	Inspection for Al-Aroub traffic plan from Sta.0+000 to Sta.1+100.	07/05/14	07/05/14	07/05/14	0	A
	IR-13-00016-SHT-175-A	Inspection for formwork for the retaining wall foundation from sta.7+204.23 to sta.7+237.3	07/05/14	07/05/14	07/06/14	1	A
	IR-13-00016-SHT-176-A	Inspection for casting concrete for the retaining wall foundation from sta.7+204.23 to sta.7+237.3	07/05/14	07/05/14	07/06/14	1	A
	IR-13-00016-SHT-177-A	Inspection for formwork **2nd stage** for the wall of the retaining wall from sta.7+299.72 to sta.7+308.48	07/05/14	07/05/14	07/06/14	1	A
	IR-13-00016-SHT-178-A	Inspection for casting concrete **2nd stage** for the wall of the retaining wall from sta.7+299.72 to sta.7+308.48	07/05/14	07/05/14	07/06/14	1	A
	IR-13-00016-SHT-179-A	Inspection for casting concrete first stage for the wall of the retaining wall from sta.7+278.85 to sta.7+289.98	07/06/14	07/07/14	07/07/14	0	A
	IR-13-00016-SHT-180-A	Inspection for steel works for the wall of the retaining wall from sta.7+357.36to sta.7+363.08	07/08/14	07/09/14	07/09/14	0	A
	IR-13-00016-SHT-181-A	Inspection for Safety plan along 6'' & 4" Al Aroub Network before starting construction, Al Aroub from St. 0+000 to St. 1+200	07/10/14	12-Jul-14	07/13/14	1	A
	IR-13-00016-SHT-182-A	Inspection for coordination and alignment plan along 6'' & 4" Al Aroub Network before starting construction : Al Aroub from St. 0+000 to St. 1+200	07/10/14	07/10/14	07/10/14	0	A
	IR-13-00016-SHT-183-A	Inspection for Safety of Manhole Chamber Beit Ummar 8" water line at St. 0+040	07/10/14	07/10/14	07/10/14	0	D
	IR-13-00016-SHT-183-B	Inspection for Safety of Manhole Chamber Beit Ummar 8" water line at St. 0+040	07/12/14	07/12/14	07/12/14	0	A

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	IR-13-00016-SHT-184-A	Inspection for Casting Concrete Second Stage Halhul Retaining Wall from St. 7+278.85 to St. 7+288.98	07/10/14	07/12/14	07/13/14	1	A
	IR-13-00016-SHT-185-A	Inspection for Widening Excavation Retaining Wall from St. 7+400 to St. 7+500	07/10/14	07/12/14	07/13/14	1	C
	IR-13-00016-SHT-185-B	Coordination for R.O.W. before start of Widening Excavation for Retaining Wall from St. 7+400 to St. 7+500	07/16/14	07/19/14	07/20/14	1	A
	IR-13-00016-SHT-186-A	Inspection for traffic and safety of widening excavation Halhul Retaining Wall from St. 7+400 to St. 7+500	07/10/14	07/12/14	07/13/14	1	C
	IR-13-00016-SHT-186-B	Inspection for traffic and safety of widening excavation Halhul Retaining Wall from St. 7+400 to St. 7+500	07/16/14	07/16/14	07/17/14	1	A
	IR-13-00016-SHT-187-A	Inspection for video taping for water pipeline Arroub Main Line from St. 1+190 to St. 0+690	07/10/14	07/12/14	07/13/14	1	A
	IR-13-00016-SHT-188-A	Inspection for Lumber form work from St. 7+278.85 to St. 7+288.98	07/12/14	07/12/14	07/13/14	1	A
	IR-13-00016-SHT-189-A	Inspection for steel works for the retaining wall from St.7+416.85 to St. 7+420.01	07/13/14	07/13/14	07/14/14	1	A
	IR-13-00016-SHT-190-A	Inspection for formwork for the retaining wall from St.7+357.36 to St.7+363.08	07/13/14	07/14/14	07/14/14	0	A
	IR-13-00016-SHT-191-A	Inspection for casting concrete (First stage) for the retaining wall from St.7+357.36 to St.7+363.08	07/13/14	07/14/14	07/14/14	0	A
	IR-13-00016-SHT-192-A	Inspection for steel works for the retaining wall from St.7+243.91 to St.7+237.34	07/13/14	07/13/14	07/14/14	1	A
	IR-13-00016-SHT-193-A	Inspection for Radio graphic test along 6" pipe Num of joints 4 -Al-Aroub station from sta. 0+000 to sta. 0+580	07/15/14	07/15/14	07/17/14	2	A
	IR-13-00016-SHT-194-A	Inspection for Steel works for retaining walls from St. 7+259.27 to St. 7+268.49 LHS	07/16/14	07/17/14	07/17/14	0	C
	IR-13-00016-SHT-194-B	Inspection for Steel works for retaining walls from St. 7+259.27 to St. 7+268.94 LHS	07/1714	07/19/14	07/20/14	1	A
	IR-13-00016-SHT-195-A	Inspection for Formworks for wall of the retaining walls from St. 7+357.36 to St. 7+363.08 LHS	07/16/14	07/17/14	07/17/14	0	A
	IR-13-00016-SHT-196-A	Inspection for casting concrete (second stage) for wall of the retaining walls from St. 7+357.36 to St. 7+363.08 LHS	07/16/14	07/17/14	07/17/14	0	A
	IR-13-00016-SHT-197-A	Inspection for Formworks for wall of the retaining walls from St. 7+416.85 to St. 7+420.01 LHS	07/16/14	07/17/14	07/17/14	0	C
	IR-13-00016-SHT-197-B	Inspection for Formworks for wall of the retaining walls from St. 7+416.85 to St. 7+420.01 LHS	07/17/14	07/19/14	07/20/14	1	A
	IR-13-00016-SHT-198-A	Inspection for casting concrete for wall of the retaining walls from St. 7+416.85 to St. 7+420.01 LHS	07/16/14	07/17/14	07/17/14	0	C

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	IR-13-00016-SHT-198-B	Inspection for casting concrete for wall of the retaining walls from St. 7+416.85 to St. 7+420.01 LHS	07/17/14	07/19/14	07/20/14	1	A
	IR-13-00016-SHT-199-A	Inspection for Formworks for wall of the retaining walls from St. 7+243.91 to St. 7+237.34 LHS	07/16/14	07/17/14	07/17/14	0	A
	IR-13-00016-SHT-200-A	Inspection for casting concrete (first stage) for wall of the retaining walls from St. 7+243.91 to St. 7+237.34 LHS	07/16/14	07/17/14	07/17/14	0	A
	IR-13-00016-SHT-201-A	Closeout of May 2014 Environmental Checklist.	07/16/14	07/17/14	07/17/14	0	A
	IR-13-00016-SHT-202-A	Closeout of June 2014 Environmental Checklist.	07/16/14	07/17/14	07/17/14	0	C
	IR-13-00016-SHT-202-B	Closeout of June 2014 Environmental Checklist.	08/19/14	08/19/14	08/20/14	1	A
	IR-13-00016-SHT-203-A	Traffic Control Plan for Al Nabi Younes Intersection	07/20/14	07/20/14	07/20/14	0	A
	IR-13-00016-SHT-204-A	Inspection for the field compaction test along Biet Ummer work pipeline from St. 1+340 to St. 2+300	07/20/14	07/20/14	07/21/14	1	A
	IR-13-00016-SHT-205-A	Inspection for formwork (2nd Stage) for wall of the retaining walls from St. 7+243.91 to St. 7+237.34 LHS.	07/20/14	07/21/14	07/21/14	0	C
	IR-13-00016-SHT-205-B	Inspection for formwork (2nd Stage) for wall of the retaining walls from St. 7+243.91 to St. 7+237.34 LHS.	07/21/14	07/22/14	07/22/14	0	A
	IR-13-00016-SHT-206-A	Inspection for formwork (First Stage) for wall of the retaining walls from St. 7+259.27 to St. 7+268.94 LHS .	07/20/14	07/21/14	07/21/14	0	C
	IR-13-00016-SHT-206-B	Inspection for formwork (First Stage) for wall of the retaining walls from St. 7+259.27 to St. 7+268.94 LHS .	07/21/14	07/22/14	07/22/14	0	A
	IR-13-00016-SHT-207-A	Inspection for casting concrete (2nd Stage) for wall of the retaining walls from St. 7+243.91 to St. 7+237.34 LHS.	07/20/14	07/21/14	07/21/14	0	C
	IR-13-00016-SHT-207-B	Inspection for casting concrete (2nd Stage) for wall of the retaining walls from St. 7+243.91 to St. 7+237.34 LHS.	07/21/14	07/22/14	07/22/14	0	A
	IR-13-00016-SHT-208-A	Inspection for casting concrete (First Stage) for wall of the retaining walls from St. 7+259.27 to St. 7+268.94 LHS .	07/20/14	07/21/14	07/21/14	0	C
	IR-13-00016-SHT-208-B	Inspection for casting concrete (First Stage) for wall of the retaining walls from St. 7+259.27 to St. 7+268.94 LHS .	07/21/14	07/22/14	07/22/14	0	A

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	IR-13-00016-SHT-209-A	Inspection for Welders Qualification Test in Storage Yard	07/20/14	07/21/14	07/21/14	0	C
	IR-13-00016-SHT-209-B	Inspection for Welders Qualification Test in Storage Yard	07/23/14	07/24/14	07/24/14	0	A
	IR-13-00016-SHT-210-A	Inspection for spraying MC And applying first layer of Asphalt wearing course 5 cm thick from St. 2+310 to St. 1+750	07/20/14	07/21/14	07/22/14	1	A
	IR-13-00016-SHT-211-A	Inspection for 8" Beit Ummar Location of Manhole for : 8" G.V at Sta.0+010 , 3" W.O.at Sta.0+058.27 ,6" G.V at Sta.0+804.36 ,3" A.R.V. at Sta.1+080.71 ,6" G.V at Sta.1+251.18 and 3" W.O.at Sta. 2+312	07/22/14	07/23/14	07/23/14	0	A
	IR-13-00016-SHT-212-A	Inspection the alignment of 30'' pipeline & existing utilities at Main Pipeline Distribution Network before start excavation from Sta.1+200 to st. 1+400	07/31/14	07/31/14	08/03/14	3	A
	IR-13-00016-SHT-213-A	Inspection for steel works for wall of the retaining wall from St.7+218.18 to St.7+227.92 Halhoul Road LHS.	08/02/14	08/02/14	08/03/14	1	A
	IR-13-00016-SHT-214-A	Inspection for formwork (Second Stage) for wall of the retaining walls from St. 7+259.27 to St. 7+268.94 LHS .	08/02/14	08/02/14	08/03/14	1	A
	IR-13-00016-SHT-215-A	Inspection for casting concrete (Second Stage) for wall of the retaining walls from St. 7+259.27 to St. 7+268.94 LHS .	08/02/14	08/03/14	08/04/14	1	A
	IR-13-00016-SHT-216-A	Inspection for excavation to reach the subgrade level in Al-aroub Network Road From st.0+000 to st.0+970	08/02/14	08/03/14	08/03/14	0	C
	IR-13-00016-SHT-216-B	Inspection for excavation to reach the subgrade level in Al-aroub Network Road From st.0+000 to st.0+970	08/04/14	08/04/14	08/04/14	0	A
	IR-13-00016-SHT-217-A	Inspection for the preparation works for interior side up to 2m height before start of first coat - Retaining Wall from st.7+390.4 to st.7+420.1	08/03/14	08/03/14	08/04/14	1	A
	IR-13-00016-SHT-218-A	Inspection for the field compaction test along Biet Ummer work pipeline from St. 1+340 to St. 0+810	08/03/14	08/03/14	08/04/14	1	A
	IR-13-00016-SHT-219-A	Inspection for safety and traffic arrangement and order to start excavation for get valve in Biet Ummer Network at sta.0+010.	08/03/14	08/04/14	08/04/14	0	A
	IR-13-00016-SHT-220-A	Inspection for safety and traffic arrangement and order to start excavation for wash out in Biet Ummer Network at sta.0+058.27.	08/03/14	08/04/14	08/04/14	0	A
	IR-13-00016-SHT-221-A	Inspection for safety and traffic arrangement and order to start excavation for get valve in Biet Ummer Network at sta.0+804.36.	08/03/14	08/04/14	08/04/14	0	A
	IR-13-00016-SHT-222-A	Inspection for formwork (First Stage) for wall of the retaining wall from St.7+218.18 to St.7+227.92 LHS.	08/04/14	08/04/14	08/04/14	0	C
	IR-13-00016-SHT-222-B	Inspection for formwork (First Stage) for wall of the retaining wall from St.7+218.18 to St.7+227.92 LHS.	08/05/14	08/05/14	08/05/14	0	A

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	IR-13-00016-SHT-223-A	Inspection for casting concrete (First Stage) for wall of the retaining wall from St.7+218.18 to St.7+227.92 LHS.	08/04/14	08/04/14	08/04/14	0	C
	IR-13-00016-SHT-223-B	Inspection for casting concrete (First Stage) for wall of the retaining wall from St.7+218.18 to St.7+227.92 LHS.	08/05/14	08/05/14	08/05/14	0	A
	IR-13-00016-SHT-224-A	Inspection for spraying MC And applying first layer of Asphalt wearing course 5 cm thick - Beit Ummer Network from St.1+750 to St. 0+800	08/04/14	08/05/14	08/05/14	0	A
	IR-13-00016-SHT-225-A	Inspection for steel works for wall of the retaining wall from St.7+243.91 to St. 7+250.58 LHS.	08/05/14	08/05/14	08/05/14	0	A
	IR-13-00016-SHT-226-A	Inspection for steel works for wall of the retaining wall from St.7+204.23 to St. 7+211.23 LHS.	08/06/14	08/06/14	08/07/14	1	A
	IR-13-00016-SHT-227-A	Inspection for safety measures , traffic plan before start excavation & installation 8" , 30" pipeline - Kharas Junction at sta. 9+000 to 9+100	08/07/14	08/07/14	08/07/14	0	C
	IR-13-00016-SHT-227-B	Inspection for safety measures, before start excavation & installation 8" , 30" pipeline - Kharas Junction at sta. 9+000 to 9+100	08/12/14	08/13/14	08/14/14	1	A
	IR-13-00016-SHT-228-A	Inspection for formwork (First Stage) for wall of the retaining wall from St.7+243.91 to St. 7+250.58 LHS.	08/07/14	08/07/14	08/07/14	0	A
	IR-13-00016-SHT-229-A	Inspection for formwork (2nd Stage) for wall of the retaining wall from St.7+218.18 to St.7+227.92 LHS.	08/07/14	08/07/14	08/07/14	0	A
	IR-13-00016-SHT-230-A	Inspection for 8" alignment pipeline at Zaboud Networks from sta. 0+000 to 0+650	08/07/14	08/07/14	08/07/14	0	A
	IR-13-00016-SHT-231-A	Inspection for the insulation works for interior side up to 2m height before start of second coat - Retaining Wall from st.7+390.4 to st.7+420.1	08/07/14	08/07/14	08/07/14	0	A
	IR-13-00016-SHT-232-A	Inspection for casting concrete (2nd Stage) for wall of the retaining wall from St.7+218.18 to St.7+227.92 LHS.	08/07/14	08/07/14	08/07/14	0	A
	IR-13-00016-SHT-233-A	Inspection for casting concrete (First Stage) for wall of the retaining wall from St.7+243.91 to St. 7+250.58 LHS.	08/07/14	08/09/14	08/10/14	1	A
	IR-13-00016-SHT-234-A	Inspection for the field compaction test along Biet Ummer work pipeline from sta. 0+800 to sta. 0+450	08/09/14	08/09/14	08/10/14	1	A
	IR-13-00016-SHT-235-A	Inspection for the preparation works for interior side up to 2m height before start of first coat - Retaining Wall from st.7+299.78 to st.7+363.22	08/09/14	08/09/14	08/10/14	1	A
	IR-13-00016-SHT-236-A	Inspection for the insulation works for interior side up to 2m height before start backfilling - Retaining Wall from st.7+390.4 to st.7+420.1	08/10/14	08/10/14	08/10/14	0	A
	IR-13-00016-SHT-237-A	Inspection for steel works for retaining wall foundation from St.7+204.23 to Access Road	08/10/14	08/10/14	08/10/14	0	A
	IR-13-00016-SHT-238-A	Inspection for the field compaction test along Al-Aroub Network pipeline from sta. 0+000 to sta. 0+700	08/10/14	08/10/14	08/10/14	0	A
	IR-13-00016-SHT-239-A	Inspection of 30" manufacturing at METCO factory	08/10/14	08/12/14	08/13/14	1	A
	IR-13-00016-SHT-240-A	Inspection for formworks for wall of the retaining wall from (First Stage) St.7+204.23 to St. 7+211.23 LHS.	08/10/14	08/10/14	08/10/14	0	A

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	IR-13-00016-SHT-241-A	Inspection for casting concrete for wall of the retaining wall from (First Stage) St.7+204.23 to St. 7+211.23 LHS.	08/10/14	08/10/14	08/10/14	0	A
	IR-13-00016-SHT-242-A	Inspection for casting concrete for retaining wall foundation from St.7+204.23 to Access Road	08/10/14	08/10/14	08/10/14	0	A
	IR-13-00016-SHT-243-A	Inspection for spraying MC And applying first layer of Asphalt wearing course 5 cm thick - Beit Ummer Network from St.0+800 to St. 0+450	08/11/14	08/11/14	08/11/14	0	A
	IR-13-00016-SHT-244-A	Inspection for 8" Beit Ummar Excavation of Manhole for : 8" G.V at Sta.0+010 , 3" W.O.at Sta.0+058.27 , ,3" A.R.V. at Sta.1+080.71 ,6" G.V at Sta.1+251.18.	08/11/14	08/11/14	08/12/14	1	C
	IR-13-00016-SHT-244-B	Inspection for 8" Beit Ummar Excavation of Manhole for : 8" G.V at Sta.0+010 , 3" W.O.at Sta.0+058.27 , ,3" A.R.V. at Sta.1+080.71 ,6" G.V at Sta.1+251.18.	08/19/14	08/19/14	08/19/14	0	A
	IR-13-00016-SHT-245-A	Inspection for the **7th layer** of selected material backfill behind the retaining wall from st.7+093 to st.7+135	08/11/14	08/11/14	08/11/14	0	A
	IR-13-00016-SHT-246-A	Inspection for coordinates of edge of the wall From St. 7+430 to st.7+435 before start excavation.	08/11/14	08/11/14	08/12/14	1	A
	IR-13-00016-SHT-247-A	Inspection for formworks for wall of the retaining wall from (Second Stage) St.7+243.91 to St. 7+250.58 LHS.	08/11/14	08/11/14	08/11/14	0	A
	IR-13-00016-SHT-248-A	Inspection for casting concrete for wall of the retaining wall from (Second Stage) St.7+243.91 to St. 7+250.58 LHS.	08/11/14	08/12/14	08/12/14	0	A
	IR-13-00016-SHT-249-A	Inspection for the field compaction test along Beit Ummer Network pipeline from sta. 0+450 to sta. 0+050	08/12/14	08/13/14	08/13/14	0	A
	IR-13-00016-SHT-250-A	Inspection for the form work to retaining wall for second stage Halhul from St. 7+204.23 to St. 7+211.25	08/13/14	08/13/14	08/13/14	0	A
	IR-13-00016-SHT-251-A	Inspection for Casting Concrete Second Stage for the retaining wall Halhul Al hawawer from St. 7+204.23 to St. 7+ 211.25	08/13/14	08/14/14	08/14/14	0	A
	IR-13-00016-SHT-252-A	Inspection for foundation steel works for retaining wall from St.7+227.84 to 7+237.34	08/14/14	08/14/14	08/14/14	0	A
	IR-13-00016-SHT-253-A	Inspection for Blinding from Sta. 7+432 to Access Road & 7+175.34.60 to 7+179.75	08/16/14	08/16/14	08/16/14	0	A
	IR-13-00016-SHT-254-A	Inspection for steel works for retaining wall from Sta.7+196 to Access Road	08/16/14	08/16/14	08/17/14	1	A
	IR-13-00016-SHT-255-A	Inspection for 4", 6" & 12" lining and coating at METCO.	08/17/14	08/19/14	08/19/14	0	A
	IR-13-00016-SHT-256-A	Inspection for formwork for retaining wall-First Stage -from St.7+227.84 to 7+237.34	08/17/14	08/17/14	08/17/14	0	A
	IR-13-00016-SHT-257-A	Inspection for steel works for the wall base slab of the retaining wall from St.7+176.4 to St.7+180.4 LHS	08/17/14	08/17/14	08/17/14	0	A
	IR-13-00016-SHT-258-A	Inspection for Casting Concrete for the wall base slab of the retaining wall from St.7+176.4 to St.7+180.4 LHS	08/17/14	08/17/14	08/17/14	0	A

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	IR-13-00016-SHT-259-A	Inspection for Casting Concrete for retaining wall-First Stage -from St.7+227.84 to 7+237.34	08/17/14	08/17/14	08/17/14	0	A
	IR-13-00016-SHT-260-A	Inspection for holding RT test by Morex for the fabricated elbows in the storage yard -No of Joints to be tested 11	08/18/14	08/18/14	08/18/14	0	A
	IR-13-00016-SHT-261-A	Inspection for sub grade level for Al-Aroub network from St.0+700 to St.0+950	08/18/14	08/18/14	08/18/14	0	A
	IR-13-00016-SHT-262-A	Inspection for sub grade level for main road from St.0+900 to St.1+100 & from St.0+700 to St.0+780	08/18/14	08/18/14	08/18/14	0	C
	IR-13-00016-SHT-262-B	Inspection for sub grade level for main road from St.0+700 to St.0+900	08/25/14	08/25/14	08/25/14	0	A
	IR-13-00016-SHT-263-A	Inspection for formwork for retaining wall-Second Stage -from St.7+227.84 to 7+237.34.	08/19/14	08/19/14	08/19/14	0	A
	IR-13-00016-SHT-264-A	Inspection for formwork for retaining wall from St.7+193.1 to Access road	08/19/14	08/19/14	08/19/14	0	A
	IR-13-00016-SHT-265-A	Inspection for the insulation works for interior side up to 2m height before start of second coat - Retaining Wall from st.7+299.78 to st.7+363.22	08/19/14	08/19/14	08/20/14	1	C
	IR-13-00016-SHT-265-B	Inspection for the insulation works for interior side up to 2m height before start of second coat - Retaining Wall from st.7+299.78 to st.7+363.22	08/21/14	08/21/14	08/21/14	0	A
	IR-13-00016-SHT-266-A	Inspection for the field compaction test along Halhul pipe line 30" work from St.9+027 to St.9+220	08/19/14	08/19/14	08/20/14	1	A
	IR-13-00016-SHT-267-A	Inspection for casting concrete for retaining wall-Second Stage -from St.7+227.84 to 7+237.34.	08/19/14	08/19/14	08/20/14	1	A
	IR-13-00016-SHT-268-A	Inspection for spraying MC And applying first layer of Asphalt wearing course 5 cm thick from St.9+027 to St.9+220	08/20/14	08/20/14	08/21/14	1	A
	IR-13-00016-SHT-269-A	Inspection for base slab steel fixing for 8" G.V chamber at St.0+011 & W.O chamber at St.0+058 - in order to casting concrete	08/20/14	08/20/14	08/21/14	1	A
	IR-13-00016-SHT-270-A	Inspection for steel for retaining wall foundation from St.7+432 to access road.	08/20/14	08/20/14	08/21/14	1	A
	IR-13-00016-SHT-271-A	Inspection for steel for stair at St.7+505	08/20/14	08/20/14	08/21/14	1	A
	IR-13-00016-SHT-272-A	Inspection for steel works for the retaining wall before casting concrete – retaining wall from St.7+218.05 to St.7+211.25	08/20/14	08/20/14	08/21/14	1	A
	IR-13-00016-SHT-273-A	Inspection for casting concrete for stair foundation at St.7+505	08/20/14	08/20/14	08/21/14	1	A
	IR-13-00016-SHT-274-A	Inspection for casting concrete for retaining wall foundation from St.7+432 to access road.	08/20/14	08/20/14	08/21/14	1	A
	IR-13-00016-SHT-275-A	Inspection for casting concrete for base slab 8" G.V chamber at St.0+011 & W.O chamber at St.0+058	08/21/14	08/21/14	08/21/14	0	A
	IR-13-00016-SHT-276-A	Inspection for the insulation works for interior side up to 2m height of second coat before starting backfilling the 1st layer - Retaining Wall from st.7+233 to st.7+363.22	08/21/14	08/21/14	08/21/14	0	A
	IR-13-00016-SHT-277-A	Inspection for the Mill Certificate & Inspection Certificate for 30" steel pipe	08/21/14	08/21/14	08/21/14	0	A
	IR-13-00016-SHT-278-A	Inspection for formwork for the wall of the retaining wall from st.7+211 to st.7+218.01	08/23/14	08/23/14	08/24/14	1	A

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Inspection Request Log

Inspection Request			TRACKING DATES				Approval Status
Spec. No.	Inspection Request #	Description	Submitted on (M/D/Y)	Inspection Date	Returned on (M/D/Y)	Review Days	(A,B,C,D,E)
	IR-13-00016-SHT-279-A	Inspection for spraying MC And applying first layer of Asphalt wearing course 5 cm thick from St. 0+450 to St. 0+050- Biet Ummer 8" Pipeline Network	08/23/14	08/23/14	08/23/14	0	A
	IR-13-00016-SHT-280-A	Inspection for Steel Works for the wall of the retaining wall from st.7+211 to st.7+218.01	08/23/14	08/23/14	08/24/14	1	A
	IR-13-00016-SHT-281-A	Inspection for Backfill 3nd layer selected material - Retaining Wall from st.7+450 to st.7+465	08/24/14	08/24/14	08/24/14	0	C
	IR-13-00016-SHT-281-B	Inspection for the 3rd layer of selected material backfill behind the retaining wall from st.7+450 to st.7+465	09/04/14	09/04/14	09/04/14	0	C
	IR-13-00016-SHT-281-C	Inspection for the 3rd layer of selected material backfill behind the retaining wall from st.7+450 to st.7+485	09/15/14	05/15/14	09/15/14	123	A
	IR-13-00016-SHT-282-A	Inspection for Backfill 1ST layer selected material - Retaining Wall from st.7+400 to st.7+410	08/24/14	08/24/14	08/24/14	0	A
	IR-13-00016-SHT-283-A	Inspection for Steel Works for stair at St.7+505	08/24/14	08/24/14	08/24/14	0	A
	IR-13-00016-SHT-284-A	Inspection for Steel Works for the wall of the retaining wall from st.7+175.6 to st.7+179.75	08/24/14	08/24/14	08/24/14	0	A
	IR-13-00016-SHT-285-A	Inspection for preparation & cleaning for walls & foundations before insulation of Nitoproof 230 from interior side up to 2m height from top of foundation Retaining Wall from st.7+270 to st.7+299	08/24/14	08/24/14	08/24/14	0	A
	IR-13-00016-SHT-286-A	Inspection for the insulation works for interior side up to 2m height of second coat before starting backfilling the 1st layer - Retaining Wall from st.7+299 to st.7+333	08/24/14	08/24/14	08/24/14	0	A
	IR-13-00016-SHT-287-A	Inspection for video taping for 30”water pipeline from st.1+166.25 to St.1+586.12.	08/24/14	08/24/14	08/24/14	0	C
	IR-13-00016-SHT-288-A	Inspection for casting concrete for the wall of the retaining wall from st.7+211 to st.7+218.01	08/24/14	08/25/14	08/25/14	0	A
	IR-13-00016-SHT-289-A	Inspection for formwork for the wall of the retaining wall from st.7+175.6 to st.7+179.75	08/25/14	08/25/14	08/25/14	0	A
	IR-13-00016-SHT-290-A	Inspection for casting concrete for the wall of the retaining wall from st.7+175.6 to st.7+179.75	08/25/14	08/25/14	08/25/14	0	A
	IR-13-00016-SHT-291-A	Inspection for the insulation works for interior side up to 2m Height of 1st coat to start 2nd coat - retaining wall from St.7+270 to St.7+299	08/25/14	08/25/14	08/25/14	0	A
	IR-13-00016-SHT-292-A	Inspection for steel works for base slab 8" G.V chamber at St.1+251.81 & A.R.V chamber at St.1+080.71	08/25/14	08/25/14	08/25/14	0	A

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	IR-13-00016-SHT-293-A	Inspection for casting concrete for base slab 8" G.V chamber at St.1+251.81 & A.R.V chamber at St.1+080.71	08/25/14	08/25/14	08/25/14	0	A
	IR-13-00016-SHT-294-A	Inspection for the Mill Certificate & Inspection Certificate for 30" steel pipe	08/26/14	08/26/14	08/26/14	0	A
	IR-13-00016-SHT-295-A	Inspection for traffic plan along Shahera network from st.0+000 to st.1+350	08/26/14	08/26/14	08/27/14	1	A
	IR-13-00016-SHT-296-A	Inspection for steel works for wall of retaining wall from sta.7+196 to sta.7+207.1	08/26/14	08/26/14	08/26/14	0	A
	IR-13-00016-SHT-297-A	Inspection for the preparation works for interior side up to 2m height before start of first coat - Retaining Wall from st.7+250 to st.7+218	08/27/14	08/27/14	08/27/14	0	A
	IR-13-00016-SHT-298-A	Casting concrete for wall of retaining wall from sta.7+218.01 to sta.7+211.25	08/27/14	08/27/14	08/27/14	0	A
	IR-13-00016-SHT-299-A	Inspection for the insulation works for interior side up to 2m Height of 1st coat - retaining wall from St.7+270 to St.7+250	08/27/14	08/27/14	08/28/14	1	A
	IR-13-00016-SHT-300-A	Inspection for 30" alignment pipeline at Biet Ummer network from sta.1+700 to sta.2+000	08/28/14	08/28/14	08/28/14	0	A
	IR-13-00016-SHT-301-A	Inspection for sub grade level for Biet Ummer from sta.4+200 to sta.4+900	08/28/14	08/28/14	08/28/14	0	C
	IR-13-00016-SHT-302-A	Inspection for Steel Works for the wall - From st.7+432 to access road	08/28/14	08/28/14	08/28/14	0	A
	IR-13-00016-SHT-303-A	Inspection for formwork for the wall before casting concrete Retaining Wall from st.7+190 to st.7+201.1	08/30/14	08/30/14	08/30/14	0	A
	IR-13-00016-SHT-304-A	Inspection for 8" alignment pipeline Shahera network from sta.0+400 to sta.0+700	08/30/14	08/30/14	08/30/14	0	A
	IR-13-00016-SHT-305-A	Inspection for 30" alignment main pipeline from sta.8+700 to sta.9+000	08/30/14	08/30/14	08/31/14	1	A
	IR-13-00016-SHT-306-A	Inspection for steel works for the wall of G.V chamber at st.1+251.81.	08/30/14	08/31/14	08/31/14	0	A
	IR-13-00016-SHT-307-A	Inspection for casting concrete for wall of retaining wall from st.7+190 to st.7+201.1	08/30/14	08/30/14	08/30/14	0	A
	IR-13-00016-SHT-308-A	Inspection for formwork works for the wall of G.V chamber at st.1+251.81.	08/31/14	08/31/14	08/31/14	0	A
	IR-13-00016-SHT-309-A	Inspection for casting concrete for the wall of G.V chamber at st.1+251.81.	08/31/14	08/31/14	08/31/14	0	A
	IR-13-00016-SHT-310-A	Inspection for Coordinates for R.O.W at right side for boundary wall to start excavation for foundation of boundary wall from sta.6+970 to sta.7+035.	09/01/14	09/01/14	09/01/14	0	A
	IR-13-00016-SHT-311-A	Inspection for steel fixing for slab of G.V chamber at sta.1+251.81	09/01/14	09/02/14	09/02/14	0	A
	IR-13-00016-SHT-312-A	Inspection for steel works for the wall of A.R.V chamber at sta.1+080.71	09/01/14	09/02/14	09/02/14	0	A
	IR-13-00016-SHT-313-A	Inspection for video taping for 30"water pipeline from sta.9+234.40 to sta.9+331.91 & from 1+598.31 to sta1+793.69.	09/02/14	09/02/14	09/02/14	0	C
	IR-13-00016-SHT-314-A	Inspection for then 2nd coat insulation works for interior side up to 2m height before start backfilling - Retaining Wall from st.7+250 to st.7+270	09/02/14	09/02/14	09/02/14	0	A
	IR-13-00016-SHT-315-A	Inspection for the 1st coat insulation works for interior side up to 2m height before start 2nd coat insulation - Retaining Wall from st.7+250 to st.7+218	09/02/14	09/02/14	09/02/14	0	A

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	IR-13-00016-SHT-316-A	Inspection for casting concrete for roof slab of G.V chamber at sta.1+251.81	09/02/14	09/02/14	09/02/14	0	A
	IR-13-00016-SHT-317-A	Inspection for casting concrete for the wall of A.R.V chamber at sta.1+080.71	09/02/14	09/02/14	09/02/14	0	A
	IR-13-00016-SHT-318-A	Inspection for steel works for the wall of G.V chamber at st.0+010 & W.O at sta.0+058.	09/03/14	09/03/14	09/03/14	0	A
	IR-13-00016-SHT-319-A	Inspection for formwork works for the wall of retaining wall from sta.7+432 to access road.	09/03/14	09/03/14	09/03/14	0	A
	IR-13-00016-SHT-320-A	Inspection for preparation works for the foundaion, wall & roof slab of 6" G.Vchamber before start first coat at sta. 1+251.71.	09/03/14	09/03/14	09/03/14	0	A
	IR-13-00016-SHT-321-A	Inspection for the 1st coat insulation works for the foundation, wall & roof slab of 6" G.Vchamber before start 2nd coat at sta.1+251.71	09/03/14	09/03/14	09/03/14	0	A
	IR-13-00016-SHT-322-A	Inspection for the 2nd coat insulation works for the foundation, wall & roof slab of 6 G.V chamber before start Backfilling at sta.1+251.71	09/03/14	09/03/14	09/03/14	0	A
	IR-13-00016-SHT-323-A	Inspection for casting concrete for roof slab of A.R.V chamber at sta.1+080.71	09/03/14	09/03/14	09/03/14	0	A
	IR-13-00016-SHT-324-A	Inspection for casting concrete for the wall of W.O chamber at sta.0+058	09/03/14	09/03/14	09/03/14	0	A
	IR-13-00016-SHT-325-A	Inspection for casting concrete for the wall of retaining wall from sta.7+432 to access road.	09/04/14	09/04/14	09/04/14	0	A
	IR-13-00016-SHT-326-A	Inspection for the 1st layer of selected material backfill behind the retaining wall from st.7+270 to st.7+315	09/04/14	09/04/14	09/04/14	0	C
	IR-13-00016-SHT-326-B	Inspection for the 1st layer of selected material backfill behind the retaining wall from st.7+270 to st.7+315	09/07/14	09/07/14	09/07/14	0	A
	IR-13-00016-SHT-327-A	Inspection for the 2nd layer of selected material backfill behind the retaining wall from st.7+400 to st.7+420	09/04/14	09/04/14	09/04/14	0	C
	IR-13-00016-SHT-327-B	Inspection for the 2nd layer of selected material backfill behind the retaining wall from st.7+400 to st.7+420	09/09/14	09/09/14	09/09/14	0	A
	IR-13-00016-SHT-328-A	Inspection for the 2nd coat insulation works for interior side up to 2m height before start backfilling - Retaining Wall from st.7+250 to st.7+218	09/06/14	09/06/14	09/06/14	0	A
	IR-13-00016-SHT-329-A	Inspection for sub grade level for Biet Ummer network from sta.0+160 to sta.0+700	09/06/14	09/06/14	09/06/14	0	A
	IR-13-00016-SHT-330-A	Inspection for video taping for 30”water pipeline from J-1-88 to J-1-99	09/07/14	09/07/14	09/07/14	0	A
	IR-13-00016-SHT-331-A	Inspection for steel works for roof slab of 3" W.O chamber at sta.0+058	09/07/14	09/07/14	09/07/14	0	A
	IR-13-00016-SHT-332-A	Inspection for formwork for wall of 8" G.V chamber before casting concrete at sta.0+010	09/07/14	09/07/14	09/07/14	0	A
	IR-13-00016-SHT-333-A	Inspection for casting concrete for roof slab of 3" W.O chamber at sta.0+058	09/07/14	09/07/14	09/07/14	0	A
	IR-13-00016-SHT-334-A	Inspection for casting concrete for wall of 8" G.V chamber at sta.0+010	09/07/14	09/07/14	09/07/14	0	A

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Inspection Request Log

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Spec. No.	Inspection Request #	Description	Submitted on (M/D/Y)	Inspection Date	Returned on (M/D/Y)	Review Days	(A,B,C,D,E)
	IR-13-00016-SHT-335-A	Inspection for excavation for the boundary wall to reduce level from sta.6+970 to sta.7+035	09/08/14	09/08/14	09/09/14	1	A
	IR-13-00016-SHT-336-A	Inspection for steel works for roof slab of 8" G.V chamber at sta.0+010	09/09/14	09/09/14	09/09/14	0	A
	IR-13-00016-SHT-337-A	Inspection for the 2nd layer of selected material backfill behind the retaining wall from st.7+465 to st.7+485	09/09/14	10/09/14	09/10/14	-29	A
	IR-13-00016-SHT-338-A	Inspection for the 2nd layer of selected material backfill behind the retaining wall from st.7+270 to st.7+315	09/09/14	10/09/14	09/10/14	-29	A
	IR-13-00016-SHT-339-A	Inspection for the 1st layer of selected material backfill behind the retaining wall from st.7+270 to st.7+220	09/09/14	10/09/14	09/10/14	-29	A
	IR-13-00016-SHT-340-A	Inspection for preparation works for the foundation, wall & roof slab of 3" A.R.V chamber before start first coat at sta. 1+0+80.71.	09/09/14	09/09/14	09/10/14	1	A
	IR-13-00016-SHT-341-A	Inspection for the 1st coat insulation works for the foundation, wall & roof slab of 3" A.R.V chamber before start 2nd coat at sta.1+080.71	09/09/14	09/09/14	09/10/14	1	A
	IR-13-00016-SHT-342-A	Inspection for casting blinding concrete for boundary wall from sta.6+970 to sta.7+035	09/09/14	09/09/14	09/10/14	1	A
	IR-13-00016-SHT-343-A	Inspection for the 2st coat insulation works for the foundation, wall & roof slab of 3" A.R.V chamber before start backfill at sta.1+080.71	09/10/14	09/10/14	09/10/14	0	A
	IR-13-00016-SHT-344-A	Inspection for casting concrete for roof slab of 8" G.V chamber at sta.0+010	09/10/14	09/10/14	09/10/14	0	A
	IR-13-00016-SHT-345-A	Inspection for the field compaction test along Zaboud pipeline from St. 0+000 to St. 1+110	09/11/14	09/11/14	09/11/14	0	A
	IR-13-00016-SHT-346-A	Inspection for formworks for stair at sta.7+505	09/11/14	09/11/14	09/11/14	0	A
	IR-13-00016-SHT-347-A	Inspection for casting concrete for stair at sta.7+505	09/11/14	09/11/14	09/11/14	0	A
	IR-13-00016-SHT-348-A	Inspection for the preparation works for interior side up to 2m height before start of first coat - Retaining Wall from st.7+185 to st.7+218	09/11/14	09/11/14	09/11/14	0	A
	IR-13-00016-SHT-349-A	Inspection for the 1st coat insulation works interior side up to 2m height before start of second coat - Retaining wall from sta.7+185 to sta.7+218	09/11/14	09/11/14	09/11/14	0	A
	IR-13-00016-SHT-350-A	Resuming the works -Traffic plan & safety measures from sta.8+270 to sta.9+070	09/13/14	09/13/14	09/13/14	0	C
	IR-13-00016-SHT-350-B	Resuming the works -Traffic plan & safety measures from sta.8+270 to sta.9+070	09/14/14	09/14/14	09/15/14	1	B
	IR-13-00016-SHT-351-A	Inspection for the 2nd coat insulation works interior side up to 2m height before start of backfill - Retaining wall from sta.7+185 to sta.7+218	09/14/14	09/14/14	09/14/14	0	A
	IR-13-00016-SHT-352-A	Inspection for excavation for the retaining wall to reduce level - retaining wall from sta.7+180 to access road	09/14/14	09/14/14	09/14/14	0	A
	IR-13-00016-SHT-353-A	Inspection for the preparation works for interior side up to 2m height before start of first coat - Retaining Wall from st.7+250 to st.7+310	09/14/14	09/14/14	09/14/14	0	A
	IR-13-00016-SHT-354-A	Inspection for sub grade level from sta.1+100 to sta.1+500	09/14/14	09/14/14	09/14/14	0	A
	IR-13-00016-SHT-355-A	Inspection for the Mill Certificate & Inspection Certificate for 4" steel pipe	11/23/14	11/23/14	11/23/14	0	C
	IR-13-00016-SHT-356-A	Resuming the works - Traffic Plan & safety measures for Shahira 8" network	09/14/14	09/14/14	09/15/14	1	B

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Inspection Request			TRACKING DATES				Approval Status
Spec. No.	Inspection Request #	Description	Submitted on (M/D/Y)	Inspection Date	Returned on (M/D/Y)	Review Days	(A,B,C,D,E)
	IR-13-00016-SHT-357-A	Inspection for topping layer from sta.0+160 to sta.0+700	09/14/14	09/14/14	09/15/14	1	C
	IR-13-00016-SHT-358-A	Inspection for spraying MC and applying first layer of asphalt wearing course 5 cm thick from St. 0+000 to St. 0+500- Zaboud 8" Pipeline	09/14/14	09/14/14	09/14/14	0	A
	IR-13-00016-SHT-359-A	Inspection for the 3rd layer of selected material backfill behind the retaining wall from st.7+400 to st.7+420	09/15/14	09/15/14	09/15/14	0	A
	IR-13-00016-SHT-360-A	Inspection for the 2nd layer of selected material backfill behind the retaining wall from st.7+270 to st.7+220	09/15/14	09/15/14	09/15/14	0	A
	IR-13-00016-SHT-361-A	Inspection for the 3rd layer of selected material backfill behind the retaining wall from st.7+270 to st.7+315	09/15/14	09/15/14	09/15/14	0	A
	IR-13-00016-SHT-362-A	Inspection for sub grade level from sta.1+500 to sta.1+800	09/15/14	09/15/14	09/15/14	0	A
	IR-13-00016-SHT-363-A	Inspection for casting blinding concrete from sta.7+180 to access road	09/15/14	09/15/14	09/15/14	0	A
	IR-13-00016-SHT-364-A	Inspection for steel works for boundary wall foundation from sta.6+970 to sta.7+035	09/16/14	09/16/14	09/16/14	0	A
	IR-13-00016-SHT-365-A	Inspection for formwork & steel works for parapet wall of stair at sta.7+505	09/16/14	09/16/14	09/16/14	0	A
	IR-13-00016-SHT-366-A	Inspection for the 1st layer of selected material backfill behind the retaining wall from st.7+210 to st.7+220	09/17/14	09/17/14	09/17/14	0	C
	IR-13-00016-SHT-366-B	Inspection for the 1st layer of selected material backfill behind the retaining wall from st.7+210 to st.7+220	09/27/14	09/27/14	09/27/14	0	A
	IR-13-00016-SHT-367-A	Inspection for the 3rd layer of selected material backfill behind the retaining wall from st.7+270 to st.7+220	09/17/14	09/17/14	09/17/14	0	A
	IR-13-00016-SHT-368-A	Inspection for the 4th layer of selected material backfill behind the retaining wall from st.7+400 to st.7+420	09/17/14	09/17/14	09/17/14	0	A
	IR-13-00016-SHT-369-A	Inspection for the 4th layer of selected material backfill behind the retaining wall from st.7+450 to st.7+485	09/17/14	09/17/14	09/17/14	0	A
	IR-13-00016-SHT-370-A	Inspection for safety measures for Shahera 8" network to start excavation & installation 8" pipeline from sta.0+400 to sta.1+240	09/17/14	09/17/14	09/17/14	0	C
	IR-13-00016-SHT-370-B	Inspection for safety measures for Shahera 8" network to start excavation & installation 8" pipeline from sta.0+400 to sta.1+240	09/18/14	09/18/14	09/18/14	0	A
	IR-13-00016-SHT-371-A	Inspection for casting concrete for boundary wall foundation from sta.6+970 to sta.7+035	09/17/14	09/17/14	09/17/14	0	A
	IR-13-00016-SHT-372-A	Inspection for casting concrete for parapet wall of stair at sta.7+505	09/17/14	09/17/14	09/17/14	0	A
	IR-13-00016-SHT-373-A	Inspection for steel works for retaining wall foundation from sta.7+180 to access road	09/21/14	09/21/14	09/21/14	0	A
	IR-13-00016-SHT-374-A	Inspection for spraying MC And applying first layer of Asphalt wearing course 5 cm thick from St. 8+950 to St. 9+027- Halhul site 30" main pipeline	09/21/14	09/21/14	09/21/14	0	C
	IR-13-00016-SHT-375-A	Inspection for steel works for boundary wall from Sta.7+036 to sta.7+023 LHS	09/21/14	09/21/14	09/21/14	0	A
	IR-13-00016-SHT-376-A	Inspection for location & safety of Kharas junction Chamber at Sta.9+028	09/21/14	09/21/14	09/21/14	0	A
	IR-13-00016-SHT-377-A	Inspection for topping layer (20 cm thick) from sta.0+700 to 1+200.	09/21/14	09/22/14	09/22/14	0	C

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	IR-13-00016-SHT-378-A	Inspection for casting concrete for retaining wall foundation from sta.7+180 to access road	09/22/14	09/22/14	09/22/14	0	A
	IR-13-00016-SHT-379-A	Inspection for the 5th layer of selected material backfill behind the retaining wall from st.7+450 to st.7+485	09/22/14	09/23/14	09/23/14	0	A
	IR-13-00016-SHT-380-A	Inspection for the 5th layer of selected material backfill behind the retaining wall from st.7+400 to st.7+420	09/22/14	09/23/14	09/23/14	0	A
	IR-13-00016-SHT-381-A	Closeout of July 2014 Environmental Checklist.	09/23/14	09/23/14	09/24/14	1	C
	IR-13-00016-SHT-381-B	Closeout of July 2014 Environmental Checklist.	01/13/15	01/13/15	01/13/15	0	A
	IR-13-00016-SHT-382-A	Inspection for the field compaction test along Halhul work 30" main pipeline from St. 8+950 to St. 8+720	09/23/14	09/23/14	09/23/14	0	C
	IR-13-00016-SHT-382-B	Inspection for the field compaction test along Halhul work 30" main pipeline from St. 8+850 to St. 8+720	09/24/14	09/24/14	09/24/14	0	A
	IR-13-00016-SHT-383-A	Inspection for base course layer from sta.1+200 to sta.1+800	09/23/14	09/23/14	09/24/14	1	C
	IR-13-00016-SHT-384-A	Inspection for sub grade level & compaction from sta.1+800 to sta.2+060	09/23/14	09/23/14	09/23/14	0	A
	IR-13-00016-SHT-385-A	Inspection for excavation work of Kharas junction Chamber at sta.9+028	09/23/14	09/23/14	09/23/14	0	A
	IR-13-00016-SHT-386-A	Inspection for 30" alignment main pipeline from sta.4+250 to 4+300	09/24/14	09/24/14	09/24/14	0	A
	IR-13-00016-SHT-387-A	Inspection for the 4th layer of selected material backfill behind the retaining wall from st.7+220 to st.7+310	09/24/14	09/24/14	09/24/14	0	A
	IR-13-00016-SHT-388-A	Inspection for formwork works for boundary wall from Sta.7+036 to sta.7+023 LHS	09/24/14	09/24/14	09/24/14	0	A
	IR-13-00016-SHT-389-A	Inspection for casting concrete for boundary wall from Sta.7+036 to sta.7+023 LHS	09/24/14	09/24/14	09/24/14	0	A
	IR-13-00016-SHT-390-A	Inspection for steel works for boundary wall from Sta.7+015 to sta.7+007 LHS	09/24/14	09/24/14	09/24/14	0	A
	IR-13-00016-SHT-391-A	Inspection for formwork works for boundary wall from Sta.7+015 to sta.7+007 LHS	09/24/14	09/24/14	09/24/14	0	A
	IR-13-00016-SHT-392-A	Inspection for casting concrete for boundary wall from Sta.7+015 to sta.7+007 LHS	09/24/14	09/24/14	09/24/14	0	A
	IR-13-00016-SHT-393-A	Inspection for spraying MC And applying first layer of Asphalt wearing course 5 cm thick from sta.8+720 to sta.8+950 - Halhul site 30" main pipeline	09/24/14	09/24/14	09/24/14	0	A
	IR-13-00016-SHT-394-A	Inspection for steel works for wall & foundation chamber - Kharas junction at Sta.9+028	09/25/14	09/27/14	09/27/14	0	A
	IR-13-00016-SHT-395-A	Inspection for casting concrete for foundation chamber- Kharas junction at Sta.9+028	09/25/14	09/27/14	09/27/14	0	A
	IR-13-00016-SHT-396-A	Inspection for compaction test for the base course layer above the trench along 30" main pipeline - Halhul site from sta.8+720 to sta.8+580	09/27/14	09/27/14	09/27/14	0	A
	IR-13-00016-SHT-397-A	Inspection for the 1st layer of selected material backfill behind the retaining wall from st.7+185 to st.7+220	09/27/14	09/27/14	09/27/14	0	A
	IR-13-00016-SHT-398-A	Inspection for the 5th layer of selected material backfill behind the retaining wall from sta.7+220 to sta.7+315.	09/27/14	09/27/14	09/27/14	0	A
	IR-13-00016-SHT-399-A	Inspection for spraying MC And applying first layer of Asphalt course 5 cm thick from sta.8+720 to sta.8+580- Halhul site 30" main pipeline	09/28/14	09/28/14	09/28/14	0	A
	IR-13-00016-SHT-400-A	Inspection for steel work for boundary wall from sta.6+984 to sta.6+990 RHS	09/28/14	09/28/14	09/28/14	0	A

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	IR-13-00016-SHT-401-A	Inspection for steel work for retaining wall from sta.7+180 to access road	09/28/14	09/28/14	09/28/14	0	A
	IR-13-00016-SHT-402-A	Inspection for sub grade level & compaction from sta.2+140 to sta.2+340.	09/29/14	09/29/14	09/29/14	0	A
	IR-13-00016-SHT-403-A	Inspection for preparation & 1st coat insulation for outer side before start 2nd coat - retaining wall foundation from sta.7+365 to access road at sta.7+196	09/30/14	09/30/14	09/30/14	0	A
	IR-13-00016-SHT-404-A	Inspection for compaction test for the base course layer above the trench along 30" main pipeline - Halhul site from sta.8+580 to sta.8+515 & from sta.8+450 to sta.8+350.	09/30/14	09/30/14	09/30/14	0	A
	IR-13-00016-SHT-405-A	Inspection for formwork for the wall of chamber- Kharas junction at Sta.9+028	09/30/14	09/30/14	09/30/14	0	A
	IR-13-00016-SHT-406-A	Inspection for casting concrete for the wall of chamber- Kharas junction at Sta.9+028	09/30/14	09/30/14	09/30/14	0	A
	IR-13-00016-SHT-407-A	Inspection for spraying MC And applying first layer of Asphalt course 5 cm thick - Halhul site from sta.8+580 to sta.8+515 & from sta.8+450 to sta.8+350.	09/30/14	09/30/14	09/30/14	0	A
	IR-13-00016-SHT-408-A	Inspection for the 2nd layer of selected material backfill behind the retaining wall from st.7+185 to st.7+220	10/01/14	10/01/14	10/01/14	0	A
	IR-13-00016-SHT-409-A	Inspection for the 6th layer of selected material backfill behind the retaining wall from sta.7+220 to sta.7+315.	10/01/14	10/01/14	10/01/14	0	A
	IR-13-00016-SHT-410-A	Inspection for the 1st layer of selected material backfill behind the retaining wall from sta.7+485 to sta.7+505.	10/01/14	10/01/14	10/01/14	0	A
	IR-13-00016-SHT-411-A	Inspection for formwork for boundary wall from sta. 6+984 to sta.6+990 RHS	10/01/14	10/01/14	10/01/14	0	A
	IR-13-00016-SHT-412-A	Inspection for formwork for retaining wall from sta.7+180 to access road	10/01/14	10/01/14	10/01/14	0	A
	IR-13-00016-SHT-413-A	Casting concrete for wall of retaining wall from sta.7+180 to access road	10/01/14	10/01/14	10/01/14	0	A
	IR-13-00016-SHT-414-A	Inspection for 2nd coat insulation for outer side before start Backfill - retaining wall foundation from sta.7+365 to access road at sta.7+196	10/02/14	10/02/14	10/02/14	0	A
	IR-13-00016-SHT-415-A	Inspection for steel fixing for slab of chamber- Kharas junction at sta.9+028	10/02/14	10/02/14	10/02/14	0	A
	IR-13-00016-SHT-416-A	Inspection for compaction test for base course layer above the trench along 8" shahera pipeline from sta.0+385 to sta.0+900.	10/02/14	10/02/14	10/02/14	0	A
	IR-13-00016-SHT-417-A	Inspection for spraying MC And applying first layer of Asphalt course 5 cm thick - Shahera pipeline from sta.0+385 to sta.0+900.	10/02/14	10/02/14	10/02/14	0	A
	IR-13-00016-SHT-418-A	Inspection for steel works for boundary wall from sta. 7+000 to sta.7+008 RHS	10/09/14	10/09/14	10/09/14	0	A
	IR-13-00016-SHT-419-A	Inspection for formwork for boundary wall from sta.7+000 to 7+008 RHS	10/09/14	10/09/14	10/09/14	0	A
	IR-13-00016-SHT-420-A	Inspection for casting concrete for boundary wall from sta. 6+984 to sta.6+990 & from sta.7+000 to sta.7+008 RHS	10/14/14	10/14/14	10/14/14	0	A
	IR-13-00016-SHT-421-A	Inspection for sub grade level & compaction from sta.2+060 to 2+140	10/09/14	10/09/14	10/09/14	0	A
	IR-13-00016-SHT-422-A	Inspection for the 3rd layer of selected material backfill behind the retaining wall from st.7+185 to st.7+220	10/09/14	10/09/14	10/09/14	0	A

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	IR-13-00016-SHT-423-A	Inspection for the 2nd layer of selected material backfill behind the retaining wall from sta.7+485 to sta.7+505.	10/09/14	10/09/14	10/09/14	0	A
	IR-13-00016-SHT-424-A	Inspection for steel works for boundary wall from sta.6+984 to sta.6+972 RHS	10/12/14	10/12/14	10/12/14	0	A
	IR-13-00016-SHT-425-A	Inspection for preparation & 1st coat insulation for foundation, walls & roof slab of Kharas junction chamber before start 2nd coat at sta.9+028.	10/12/14	10/12/14	10/12/14	0	A
	IR-13-00016-SHT-426-A	Inspection for sub grade level & compaction from sta.2+340 to sta.2+600	10/12/14	10/12/14	10/13/14	1	A
	IR-13-00016-SHT-427-A	Inspection for 2nd coat insulation works for foundation, walls & roof slab of Kharas junction before backfill at sta.9+028.	10/12/14	10/12/14	10/12/14	0	C
	IR-13-00016-SHT-428-A	Inspection for 8" alignment pipeline at Alnabi Younis network from sta.0+150 to sta.0+300	10/13/14	10/13/14	10/13/14	0	C
	IR-13-00016-SHT-429-A	Inspection for the 3nd layer of selected material backfill behind the retaining wall from sta.7+485 to sta.7+505.	10/13/14	10/13/14	10/13/14	0	A
	IR-13-00016-SHT-430-A	Inspection for the 7th layer of selected material backfill behind the retaining wall from sta.7+220 to sta.7+315.	10/13/14	10/13/14	10/13/14	0	A
	IR-13-00016-SHT-431-A	Inspection for the 4th layer of selected material backfill behind the retaining wall from st.7+185 to st.7+220	10/13/14	10/13/14	10/13/14	0	A
	IR-13-00016-SHT-432-A	Inspection for formworks for boundary wall from sta.6+984 to sta.6+972 RHS	10/13/14	10/14/14	10/14/14	0	A
	IR-13-00016-SHT-433-A	Inspection for field compaction test for base course layer above the trench along 8" pipeline from Sta.0+900 to 1+350	10/13/14	10/13/14	10/13/14	0	A
	IR-13-00016-SHT-434-A	Inspection for casting concrete for boundary wall from sta.6+984 to sta.6+972 RHS	10/14/14	10/14/14	10/14/14	0	A
	IR-13-00016-SHT-435-A	Inspection for traffic plan & safety measure from Sta.2+780 to Sta.3+900	10/15/14	10/15/14	10/15/14	0	A
	IR-13-00016-SHT-436-A	Inspection for 30" alignment pipeline at Biet Ummer main pipeline from sta.2+780 to sta.3+100	10/15/14	10/15/14	10/15/14	0	A
	IR-13-00016-SHT-437-A	Inspection for holding RT test by Morex for the fabricated elbows in the storage yard -No of Joints to be tested 20	10/15/14	10/15/14	10/15/14	0	A
	IR-13-00016-SHT-438-A	Inspection for the precast chamber at Aladasi factory	10/15/14	10/18/14	10/19/14	1	A
	IR-13-00016-SHT-439-B	Inspection for coordinates of edge of the wall from sta.4+345 to sta.4+365 RHS	10/25/2014	10/25/2014	10/25/2014	0	A
	IR-13-00016-SHT-440-A	Inspection for the 8th layer of selected material backfill behind the retaining wall from sta.7+220 to sta.7+295.	10/16/14	10/16/14	10/16/14	0	A
	IR-13-00016-SHT-441-A	Inspection for the 4th layer of selected material backfill behind the retaining wall from sta.7+485 to sta.7+505.	10/16/14	10/16/14	10/16/14	0	A
	IR-13-00016-SHT-442-A	Inspection for sub grade level & compaction from sta.2+600 to 2+660	10/20/14	10/20/14	10/21/14	1	A
	IR-13-00016-SHT-443-A	Inspection for base course level & compaction from sta.1+800 to sta.2+300	10/20/14	10/20/14	10/21/14	1	C
	IR-13-00016-SHT-443-B	Inspection for base course level from sta.1+800 to sta.2+300.	10/26/14	10/26/14	10/26/14	0	B
	IR-13-00016-SHT-444-A	Inspection for sub grade level & compaction from sta.4+290 to sta.4+500	10/20/14	10/20/14	10/21/14	1	C
	IR-13-00016-SHT-444-B	Inspection for sub grade level & compaction from sta.4+290 to sta.4+420	10/25/14	10/25/14	10/25/14	0	A
	IR-13-00016-SHT-445-A	Inspection for 6" Alaroub network location of manhole for W.O at sta.0+544.58	10/20/14	10/21/14	10/21/14	0	C
	IR-13-00016-SHT-445-B	Inspection for 6" Alaroub network location of manhole for W.O at sta.0+544.58	11/06/14	11/06/14	11/06/14	0	A

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	IR-13-00016-SHT-446-A	Inspection for base course level & compaction from sta.2+300 to sta.2+600	10/21/14	10/21/14	10/21/14	0	C
	IR-13-00016-SHT-446-A	Inspection for base course level from sta.2+300 to sta.2+600.	10/26/14	10/26/14	10/26/14	0	B
	IR-13-00016-SHT-447-A	Mill certificate for 30" pipeline	10/22/14	10/22/14	10/22/14	0	A
	IR-13-00016-SHT-448-A	Inspection for spraying MC And applying first layer of Asphalt course 5 cm thick - Shahera pipeline from sta.0+900 to sta.1+314.	10/23/14	10/23/14	10/23/14	0	A
	IR-13-00016-SHT-449-A	Inspection for the 8th layer of selected material backfill behind the retaining wall from sta.7+295 to sta.7+315.	10/23/14	10/23/14	10/23/14	0	A
	IR-13-00016-SHT-450-A	Inspection for excavation for foundation of chamber at sta.1+280 ready for casting blinding concrete	10/23/14	10/23/14	10/23/14	0	A
	IR-13-00016-SHT-451-A	Inspection for the 6th layer of selected material backfill behind the retaining wall from sta.7+450 to sta.7+485.	10/23/14	10/23/14	10/23/14	0	A
	IR-13-00016-SHT-452-A	Inspection for the 5th layer of selected material backfill behind the retaining wall from sta.7+485 to sta.7+505.	10/23/14	10/23/14	10/23/14	0	A
	IR-13-00016-SHT-453-A	Inspection for the 5th layer of selected material backfill behind the retaining wall from sta.7+185 to sta.7+220.	10/23/14	10/23/14	10/23/14	0	A
	IR-13-00016-SHT-454-A	Inspection for the 9th layer of selected material backfill behind the retaining wall from sta.7+220 to sta.7+295.	10/23/14	10/23/14	10/23/14	0	A
	IR-13-00016-SHT-455-A	Inspection for the 10th layer of selected material backfill behind the retaining wall from sta.7+220 to sta.7+295.	10/23/14	10/23/14	10/23/14	0	A
	IR-13-00016-SHT-456-A	Inspection for the 6th layer of selected material backfill behind the retaining wall from sta.7+185 to sta.7+220.	10/23/14	10/23/14	10/23/14	0	A
	IR-13-00016-SHT-457-A	Inspection for casting blinding concrete for chamber at sta.1+280	10/25/14	10/25/14	10/25/14	0	A
	IR-13-00016-SHT-458-A	Inspection for 30" Beit Ummar Location of Manhole for : 30" A.R.V at Sta.0+743 , 30" A.R.V at Sta.1+942 & 30" W.O at Sta.0+620.	10/26/14	10/26/14	10/26/14	0	A
	IR-13-00016-SHT-459-A	Inspection for Traffic plan & safety measure from Sta.3+100 to Sta.3+400	10/27/14	10/27/14	10/28/14	1	A
	IR-13-00016-SHT-460-A	Inspection for 30" alignment pipeline at Biet Ummer main pipeline from Sta.3+100 to Sta.3+400	10/27/14	10/27/14	10/27/14	0	A
	IR-13-00016-SHT-461-A	Inspection for the 6th layer of selected material backfill behind the retaining wall from st.7+400 to st.7+420	10/28/14	10/28/14	10/28/14	0	A
	IR-13-00016-SHT-462-A	Inspection for the 9th layer of selected material backfill behind the retaining wall from sta.7+295 to sta.7+315.	10/28/14	10/28/14	10/28/14	0	A
	IR-13-00016-SHT-463-A	Inspection for the 7th layer of selected material backfill behind the retaining wall from st.7+400 to st.7+420	10/28/14	10/28/14	10/28/14	0	A
	IR-13-00016-SHT-464-A	Inspection for the 7th layer of selected material backfill behind the retaining wall from sta.7+450 to sta.7+485.	10/28/14	10/28/14	10/28/14	0	A
	IR-13-00016-SHT-465-A	Inspection for the 6th layer of selected material backfill behind the retaining wall from sta.7+485 to sta.7+505.	10/28/14	10/28/14	10/28/14	0	A

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	IR-13-00016-SHT-466-A	Inspection for excavation for retaining wall foundation before casting blinding concrete from sta.4+345 to sta.4+365.	10/29/14	10/29/14	10/29/14	0	A
	IR-13-00016-SHT-467-A	Inspection for sug grade level & compaction from sta.4+460 to sta.4+620	10/30/14	10/30/14	10/30/14	0	A
	IR-13-00016-SHT-468-A	Inspection for steel works for foundation of chamber at sta.1+280.	10/30/14	10/30/14	10/30/14	0	C
	IR-13-00016-SHT-468-B	Inspection for steel works for foundation of chamber at sta.1+280.	11/01/14	11/01/14	11/01/14	0	A
	IR-13-00016-SHT-469-A	Inspection for casting concrete for foundation of chamber at sta.1+280.	11/01/14	11/01/14	11/01/14	0	A
	IR-13-00016-SHT-470-A	Inspection for casting blinding concrete- Retaining wall from sta.4+345 to sta.4+365	11/01/14	11/01/14	11/01/14	0	A
	IR-13-00016-SHT-471-A	Inspection for safety measures for A.R.V chambers, before start excavation - A.R.V at sta.0+743 & A.R.V at sta.1+942.	11/02/14	11/02/14	11/02/14	0	C
	IR-13-00016-SHT-471-B	Inspection for safety measures for A.R.V chambers, before start excavation - A.R.V at sta.0+743 & A.R.V at sta.1+942.	11/05/14	11/05/14	11/05/14	0	A
	IR-13-00016-SHT-472-A	Inspection for excavation for A.R.V chambers: A.R.V at sta.0+743 & A.R.V at sta.1+942.	11/05/14	11/05/14	11/05/14	0	A
	IR-13-00016-SHT-473-A	Inspection for steel works for Retaining wall foundation from sta.4+345 to sta.4+365 RHS	11/05/14	11/05/14	11/05/14	0	A
	IR-13-00016-SHT-474-A	Casting for precast concrete chambers at Aladasi Factory in Ramallah.	11/05/14	11/06/14	11/06/14	0	A
	IR-13-00016-SHT-475-A	Inspection for casting concrete for Retaining wall foundation from sta.4+345 to sta.4+365 RHS	11/05/14	11/05/14	11/05/14	0	A
	IR-13-00016-SHT-476-A	Inspection for casting concrete for A.R.V chamber at sta.1+942.	11/06/14	11/06/14	11/06/14	0	A
	IR-13-00016-SHT-477-A	Inspection for Location of Manhole for : W.O at sta.1+555.16 & W.O at sta.2+230	11/06/14	11/06/14	11/06/14	0	A
	IR-13-00016-SHT-478-A	Inspection for insulation works 1st layer for precast manholes: W.O at sta.0+620 & W.O at sta. 1+555.16.	11/06/14	11/06/14	11/06/14	0	A
	IR-13-00016-SHT-479-A	Inspection for steel works for walls of chamber at sta.1+280	11/8/2014	11/8/2014	11/8/2014	0	A
	IR-13-00016-SHT-480-A	Inspection for location of main connection chamber at sta.0+020	11/06/14	11/06/14	11/06/14	0	A
	IR-13-00016-SHT-481-A	Inspection for steel works for walls of chamber at sta.1+942.	11/16/14	11/16/14	11/16/14	0	A
	IR-13-00016-SHT-482-A	Inspection for safety measures for main connection chamber, before start excavation - at sta.0+020	11/09/14	11/09/14	11/09/14	0	C
	IR-13-00016-SHT-482-B	Inspection for safety measures for main connection chamber, before start excavation - at sta.0+020	11/10/14	11/10/14	11/10/14	0	A
	IR-13-00016-SHT-483-A	Inspection for sub grade level and compaction from sta.5+640 to sta.5+820.	11/09/14	11/09/14	11/10/14	1	A
	IR-13-00016-SHT-484-A	Inspection for 30'' pipe manufacturing process and review (Check testing) - METCO Factory	11/10/14	11/10/14	11/10/14	0	A
	IR-13-00016-SHT-485-A	Inspection for excavation works for W.O Chambers: W.O at sta. 0+620 & W.O at sta.1+555.16	11/10/14	11/10/14	11/10/14	0	A
	IR-13-00016-SHT-486-A	Inspection for field compaction test for base course layer above the trench along 8" pipeline from sta.0+134 to sta.0+621.	11/11/14	11/11/14	11/11/14	0	A
	IR-13-00016-SHT-487-A	Inspection for excavation for main connection chamber at sta.0+020.	11/10/14	11/10/14	11/10/14	0	A
	IR-13-00016-SHT-488-A	Inspection for steel works for wall of retaining wall from sta.4+345 to sta.4+365 RHS.	11/11/14	11/11/14	11/11/14	0	A

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	IR-13-00016-SHT-489-A	Inspection for location of manhole for A.R.V 6" at sta.2+778.97	11/11/14	11/11/14	11/11/14	0	A
	IR-13-00016-SHT-490-A	Inspection for spraying MC And applying first layer of Asphalt wearing course 5 cm thick from sta.0+134 to sta.0+621.	11/12/14	11/12/14	11/12/14	0	A
	IR-13-00016-SHT-491-A	Inspection for excavation for A.R.V chamber at sta.0+743	11/12/14	11/12/14	11/12/14	0	A
	IR-13-00016-SHT-492-A	Inspection for field compaction test for base course layer above the trench along 30" main pipeline from sta.2+780 to sta.3+000.	11/12/14	11/12/14	11/12/14	0	A
	IR-13-00016-SHT-493-A	Inspection for steel for A.R.V chamber at sta.0+743	11/12/14	11/13/14	11/13/14	0	A
	IR-13-00016-SHT-494-A	Inspection for formwork for wall of retaining wall before casting concrete from sta.4+345 to sta.4+365 RHS.	11/12/14	11/13/14	11/13/14	0	A
	IR-13-00016-SHT-495-A	Inspection for insulation works 2nd layer for precast manhole: W.O at sta. 1+555.16.	11/13/14	11/13/14	11/13/14	0	C
	IR-13-00016-SHT-496-A	Inspection for casting concrete for foundation of chamber at sta.0+743	11/13/14	11/13/14	11/13/14	0	A
	IR-13-00016-SHT-497-A	Inspection for excavation works for W.O Chamber at sta. 0+620	11/13/14	11/13/14	11/13/14	0	C
	IR-13-00016-SHT-498-A	Inspection for spraying MC And applying first layer of Asphalt wearing course 5 cm thick from sta.2+780 to sta.2+905.	11/13/14	11/13/14	11/13/14	0	A
	IR-13-00016-SHT-499-A	Inspection for excavation works for W.O chamber at sta.0+544.58	11/13/14	11/13/14	11/13/14	0	C
	IR-13-00016-SHT-499-B	Inspection for excavation works for W.O chamber at sta.0+544.58	11/16/14	11/16/14	11/16/14	0	A
	IR-13-00016-SHT-500-A	Inspection for casting concrete for Retaining wall of retaining wall from sta.4+345 to sta.4+365 RHS	11/15/14	11/15/14	11/15/14	0	A
	IR-13-00016-SHT-501-A	Inspection for spraying MC And applying first layer of Asphalt wearing course 5 cm thick from sta.2+905 to sta.3+030.	11/15/14	11/15/14	11/15/14	0	A
	IR-13-00016-SHT-502-A	Inspection for safety measures for main connection chamber before start excavation at sta.2+780	11/16/14	11/16/14	11/16/14	0	A
	IR-13-00016-SHT-503-A	Inspection for formwork for walls of chamber at sta.1+942.	11/16/14	11/16/14	11/16/14	0	A
	IR-13-00016-SHT-504-A	Inspection for excavation works for W.O chamber at sta.0+537	11/16/14	11/16/14	11/16/14	0	A
	IR-13-00016-SHT-505-A	Inspection for casting concrete for wall of chamber at sta.1+942	11/16/14	11/16/14	11/16/14	0	A
	IR-13-00016-SHT-506-A	Inspection for steel work for foundation of main connection chamber at sta.0+020.	11/17/14	11/17/14	11/17/14	0	A
	IR-13-00016-SHT-507-A	Inspection for casting concrete for foundation of main connection chamber at sta.0+020	11/17/14	11/17/14	11/17/14	0	A
	IR-13-00016-SHT-508-A	Inspection for mockup of stone wall at sta.4+500 RHS	11/18/14	11/18/14	11/18/14	0	C
	IR-13-00016-SHT-509-A	Inspection for excavation work for W.O chamber at sta.2+230	11/18/14	11/18/14	11/18/14	0	A
	IR-13-00016-SHT-510-A	Inspection for insulation work 1st layer for precast manhole: W.O at sta.2+230	11/18/14	11/18/14	11/18/14	0	A
	IR-13-00016-SHT-511-A	Inspection for steel fixing for slab of chamber at sta.1+942	11/19/14	11/19/14	11/20/14	1	C
	IR-13-00016-SHT-511-B	Inspection for steel fixing for slab of chamber at sta.1+942	11/23/14	11/23/14	11/23/14	0	A
	IR-13-00016-SHT-512-A	Inspection for steel work for wall of main connection chamber at sta.0+020	11/19/14	11/19/14	11/20/14	1	C
	IR-13-00016-SHT-512-B	Inspection for steel work for wall of main connection chamber at sta.0+020	11/25/14	11/25/14	11/25/14	0	A
	IR-13-00016-SHT-513-A	Inspection for location for 4" G.V chamber at sta.0+710	11/23/14	11/23/14	11/23/14	0	A
	IR-13-00016-SHT-514-A	Inspection for coordinates of edge of the wall from sta.3+227 to sta.3+275 RHS	11/23/14	11/23/14	11/23/14	0	C
	IR-13-00016-SHT-514-B	Inspection for coordinates of edge of the wall from sta.3+227 to sta.3+275 RHS after excavation	12/08/14	12/08/14	12/09/14	1	A

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	IR-13-00016-SHT-515-A	Inspection for casting concrete for slab of chamber at sta. 1+942.	11/23/14	11/23/14	11/23/14	0	A
	IR-13-00016-SHT-516-A	Inspection for location for 6" G.V connection chamber at sta.0+586	11/25/14	11/25/14	11/25/14	0	A
	IR-13-00016-SHT-517-A	Inspection for formwork for walls of chamber at sta.1+280	11/25/14	11/25/14	11/25/14	0	C
	IR-13-00016-SHT-517-B	Inspection for formwork for walls of chamber at sta.1+280	12/06/14	12/06/14	12/06/14	0	A
	IR-13-00016-SHT-518-A	Inspection for excavation for 6" G.V connection (MD-09) chamber at sta.0+586	11/25/14	11/25/14	11/25/14	0	A
	IR-13-00016-SHT-519-A	Inspection for excavation for A.R.V 6" chamber at sta.2+780	11/25/14	11/25/14	11/25/14	0	C
	IR-13-00016-SHT-519-B	Inspection for excavation for A.R.V 6" chamber at sta.2+780	12/01/14	12/01/14	12/01/14	0	A
	IR-13-00016-SHT-520-A	Inspection for alignment for 30" main pipeline from Sta.3+900 to 4+200	11/27/14	11/27/14	11/27/14	0	C
	IR-13-00016-SHT-521-A	Inspection for steel works for wall of A.R.V chamber at sta.0+743	11/27/14	11/27/14	11/27/14	0	A
	IR-13-00016-SHT-522-A	Inspection for preparation & insulation work 1st layer for A.R.V at sta.1+942	11/29/14	11/29/14	11/29/14	0	C
	IR-13-00016-SHT-522-B	Inspection for preparation & insulation work 1st layer for A.R.V at sta.1+942	11/30/14	11/30/14	11/30/14	0	A
	IR-13-00016-SHT-523-A	Inspection for casting concrete for wall of A.R.V chamber at sta.0+743	11/29/14	11/29/14	11/29/14	0	A
	IR-13-00016-SHT-524-A	Inspection for location for 6" A.R.V chamber (C-905A) at sta.3+303	11/30/14	11/30/14	11/30/14	0	A
	IR-13-00016-SHT-525-A	Inspection for location for 10" connection chamber (MD-03) at sta.3+485	11/30/14	11/30/14	11/30/14	0	A
	IR-13-00016-SHT-526-A	Inspection for location for 2 G.V chamber (C-907) at sta.3+490	11/30/14	11/30/14	11/30/14	0	A
	IR-13-00016-SHT-527-A	Inspection for safety measures for retaining wall from sta.3+226.97 to sta.3+295 RHS	11/30/14	11/30/14	11/30/14	0	C
	IR-13-00016-SHT-527-B	Inspection for safety measures for retaining wall from sta.3+226.97 to sta.3+295 RHS	12/06/14	12/06/14	12/06/14	0	C
	IR-13-00016-SHT-528-A	Inspection for preparation & insulation work 1st layer for retaining wall before start 2nd layer from sta.4+345 to sta.4+365.	11/30/14	11/30/14	11/30/14	0	C
	IR-13-00016-SHT-528-B	Inspection for preparation & insulation work 1st layer for retaining wall before start 2nd layer from sta.4+345 to sta.4+365.	12/03/14	12/03/14	12/03/14	0	A
	IR-13-00016-SHT-529-A	Inspection for alignment for 30" main pipeline at Beit Ummer site before start excavation from Sta.3+780 to 3+900	11/30/14	11/30/14	11/30/14	0	C
	IR-13-00016-SHT-530-A	Inspection for formwork for wall of main connection chamber before casting at sta.0+020	12/01/14	12/01/14	12/01/14	0	C
	IR-13-00016-SHT-530-B	Inspection for formwork for wall of main connection chamber before casting at sta.0+020	12/02/14	12/02/14	12/02/14	0	A
	IR-13-00016-SHT-531-A	Inspection for steel work for foundation of A.R.V 6" chamber (C-905A) before casting concrete at sta.2+782.	12/01/14	12/01/14	12/01/14	0	C
	IR-13-00016-SHT-531-B	Inspection for steel work for foundation of A.R.V 6" chamber (C-905A) before casting concrete at sta.2+782.	12/02/14	12/02/14	12/02/14	0	A
	IR-13-00016-SHT-532-A	Inspection for base course level & compaction from sta.5+640 to sta.5+820	12/01/14	12/02/14	12/02/14	0	C
	IR-13-00016-SHT-532-B	Inspection for base course level & compaction from sta.5+640 to sta.5+800	02/10/15	02/10/15	02/10/15	0	B
	IR-13-00016-SHT-533-A	Inspection for location for 8" "connection chamber (MD-03) at sta.2+781	12/01/14	12/01/14	12/01/14	0	A
	IR-13-00016-SHT-534-A	Inspection for casting concrete for wall of main connection chamber at sta.0+020	12/02/14	12/02/14	12/02/14	0	A

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	IR-13-00016-SHT-535-A	Inspection for casting concrete for base slab of A.R.V 6" chamber (C-905A) at sta.2+782.	12/02/14	12/02/14	12/02/14	0	A
	IR-13-00016-SHT-536-A	Inspection for traffic plan & safety measure before start construction from Sta.3+900 to Sta.4+270	12/02/14	12/02/14	12/02/14	0	C
	IR-13-00016-SHT-537-A	Inspection for excavation work for 4" G.V chamber at sta.0+710	12/03/14	12/03/14	12/03/14	0	A
	IR-13-00016-SHT-538-A	Inspection for steel work for wall of A.R.V 6" chamber (C-905A) at sta.2+782.	12/03/14	12/03/14	12/03/14	0	A
	IR-13-00016-SHT-539-A	Inspection for steel works for roof slab of A.R.V chamber before casting concrete at sta.0+743	12/03/14	12/03/14	12/03/14	0	A
	IR-13-00016-SHT-540-A	Inspection for preparation & insulation work 2nd layer for retaining wall before start backfill from sta.4+345 to sta.4+365.	12/04/14	12/04/14	12/04/14	0	A
	IR-13-00016-SHT-541-A	Inspection for Safety measure for connection chamber before start excavation (MD--03) at sta.3+485 & 2 G.V chamber (C-907) at sta.3+490	12/04/14	12/04/14	12/04/14	0	C
	IR-13-00016-SHT-541-B	Inspection for Safety measure for connection chamber before start excavation (MD--03) at sta.3+485 & 2 G.V chamber (C-907) at sta.3+490	12/08/14	12/08/14	12/08/14	0	C
	IR-13-00016-SHT-541-C	Inspection for Safety measure for connection chamber before start excavation (MD--03) at sta.3+485 & 2 G.V chamber (C-907) at sta.3+490	12/14/14	12/14/14	12/14/14	0	A
	IR-13-00016-SHT-542-A	Inspection for formwork for wall of A.R.V 6" chamber (C-905A) before casting concrete at sta.2+782.	12/08/14	12/08/14	12/08/14	0	A
	IR-13-00016-SHT-543-A	Inspection for casting concrete for walls of chamber at sta.1+280	12/07/14	12/07/14	12/07/14	0	A
	IR-13-00016-SHT-544-A	Inspection for location for 3" A.R.V chamber (C-905A) at sta.3+743	12/07/14	12/07/14	12/07/14	0	A
	IR-13-00016-SHT-545-A	Inspection for location for 4" connection chamber (MD-09) at sta.1+214	12/07/14	12/07/14	12/07/14	0	A
	IR-13-00016-SHT-546-A	Inspection for location for 8" W.O chamber (C-903) at sta.2+858	12/07/14	12/07/14	12/07/14	0	A
	IR-13-00016-SHT-547-A	Inspection for location for 6" A.R.V chamber (C-905A) at sta.3+745	12/07/14	12/07/14	12/07/14	0	A
	IR-13-00016-SHT-548-A	Inspection for casting concrete for wall of A.R.V 6" chamber (C-905A) at sta.2+782.	12/07/14	12/07/14	12/07/14	0	A
	IR-13-00016-SHT-549-A	Inspection for excavation for 10" A.R.V chamber (C-905A) at sta.5+607	12/14/14	12/14/14	12/14/14	0	C
	IR-13-00016-SHT-549-B	Inspection for excavation for 10" A.R.V chamber (C-905A) at sta.5+607	12/24/14	12/24/14	12/24/14	0	A
	IR-13-00016-SHT-550-A	Inspection for excavation for retaining wall from sta.7+375 to sta.7+390	12/08/14	12/08/14	12/08/14	0	A
	IR-13-00016-SHT-551-A	Inspection for casting blinding concrete for the connection chamber foundation (MD--03) at sta.3+485	12/14/14	12/14/14	12/14/14	0	A
	IR-13-00016-SHT-552-A	Inspection for casting blinding concrete -Retaining wall from sta.7+375 to sta.7+390	12/09/14	12/09/14	12/09/14	0	A
	IR-13-00016-SHT-553-A	Inspection for excavation of the retaining wall foundation before blind concrete from sta.3+227 to sta.3+275 RHS	12/09/14	12/09/14	12/09/14	0	A
	IR-13-00016-SHT-554-A	Inspection for preparation & insulation work for A.R.V chamber before start 2nd layer at sta.0+743.	12/10/14	12/10/14	12/10/14	0	A
	IR-13-00016-SHT-555-A	Inspection for steel for roof slab of A.R.V 6" chamber (C-905A) before casting concrete at sta.2+782.	12/11/14	12/11/14	12/11/14	0	A

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	IR-13-00016-SHT-556-A	Inspection for steel work for roof slab of main connection chamber before casting concrete at sta.0+020	12/11/14	12/11/14	12/11/14	0	A
	IR-13-00016-SHT-557-A	Inspection for casting concrete for roof slab of A.R.V 6" chamber (C-905A) at sta.2+782.	12/11/14	12/11/14	12/11/14	0	A
	IR-13-00016-SHT-558-A	Inspection for casting concrete for roof slab of main connection chamber at sta.0+020	12/11/14	12/11/14	12/11/14	0	A
	IR-13-00016-SHT-559-A	Inspection for casting blinding concrete for the wall foundation from sta.3+234 to sta.3+255	12/11/14	12/11/14	12/11/14	0	A
	IR-13-00016-SHT-560-A	Inspection for Safety measure for 8" "connection chamber (MD-03) at sta.2+781	12/14/14	12/14/14	12/14/14	0	A
	IR-13-00016-SHT-561-A	Inspection for excavation work for 8" connection chamber (MD-09) before blinding at sta.2+781.	12/14/14	12/14/14	12/14/14	0	A
	IR-13-00016-SHT-562-A	Inspection for Safety measure for 6" A.R.V chamber (C-905A) at sta.3+303	12/15/14	12/15/14	12/15/14	0	C
	IR-13-00016-SHT-562-B	Inspection for Safety measure for 6" A.R.V chamber (C-905A) at sta.3+303	12/22/14	12/22/14	12/22/14	0	A
	IR-13-00016-SHT-563-A	Inspection for casting blinding concrete for the connection chamber foundation (MD--09)at sta.2+781	12/15/14	12/15/14	12/15/14	0	A
	IR-13-00016-SHT-564-A	Inspection for casting blinding concrete for the connection chamber foundation (MD--03) at sta.3+485	12/15/14	12/15/14	12/15/14	0	A
	IR-13-00016-SHT-565-A	Inspection for steel work for the retaining wall foundation from sta.3+234 to sta.3+255	12/16/14	12/16/14	12/16/14	0	A
	IR-13-00016-SHT-566-A	Inspection for casting concrete for the retaining wall foundation from sta.3+234 to sta.3+255	12/16/14	12/16/14	12/16/14	0	A
	IR-13-00016-SHT-567-A	Inspection for steel work for the retaining wall foundation from sta.7+375 to sta.7+390	12/17/14	12/17/14	12/17/14	0	A
	IR-13-00016-SHT-568-A	Inspection for casting concrete for the retaining wall foundation from sta.7+375 to sta.7+390	12/17/14	12/17/14	12/17/14	0	A
	IR-13-00016-SHT-569-A	Inspection for spraying MC and applying first layer asphalt wearing course 5 cm thick from sta.3+780 to sta.3+900	12/17/14	12/17/14	12/17/14	0	B
	IR-13-00016-SHT-570-A	Inspection for steel work for the connection chamber foundation (MD--09) at sta.2+781	12/18/14	12/18/14	12/18/14	0	A
	IR-13-00016-SHT-571-A	Inspection for Welders Qualification Test in Storage Yard	12/21/14	12/21/14	12/21/14	0	C
	IR-13-00016-SHT-572-A	Inspection for steel work for the Beit Ummer connection chamber foundation (MD--03) at sta.3+485	12/21/14	12/21/14	12/21/14	0	A
	IR-13-00016-SHT-573-A	Inspection for casting blinding concrete for the wall foundation from sta.3+255 to sta.3+275	12/21/14	12/21/14	12/21/14	0	A
	IR-13-00016-SHT-574-A	Inspection for Steel work for 2 G.V chamber (C-907) at sta.3+490	12/22/14	12/22/14	12/22/14	0	A
	IR-13-00016-SHT-575-A	Inspection for casting concrete for the Beit Ummer connection chamber foundation (MD--03) at sta.3+485 & 2 G.V chamber (C-907) at sta.3+490	12/22/14	12/22/14	12/22/14	0	A
	IR-13-00016-SHT-576-A	Inspection for excavation for 6" A.R.V chamber (C-905A) at sta.3+303	12/22/14	12/22/14	12/22/14	0	A

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	IR-13-00016-SHT-577-A	Inspection for Safety measure traffic plan for 4" pipeline from sta.0+000 to sta.0+790	12/23/14	12/23/14	12/23/14	0	A
	IR-13-00016-SHT-578-A	Inspection for excavation for 6" A.R.V chamber (C-905A) at sta.3+745	12/23/14	12/23/14	12/23/14	0	A
	IR-13-00016-SHT-579-A	Inspection for excavation for 3" A.R.V chamber (C-905A) at sta.3+743	12/23/14	12/23/14	12/23/14	0	A
	IR-13-00016-SHT-580-A	Inspection for steel work for 6" A.R.V chamber (C-905A) at sta.3+303	12/23/14	12/23/14	12/23/14	0	A
	IR-13-00016-SHT-581-A	Inspection for casting concrete for the connection chamber foundation (MD--09) at sta.2+781	12/23/14	12/23/14	12/23/14	0	A
	IR-13-00016-SHT-582-A	Inspection for casting concrete for 6" A.R.V chamber (C-905A) at sta.3+303	12/23/14	12/23/14	12/23/14	0	A
	IR-13-00016-SHT-583-A	Inspection for Steel work for wall of retaining wall from sta 3+234 to sta.3+244	12/23/14	12/23/14	12/23/14	0	A
	IR-13-00016-SHT-584-A	Inspection for steel work for wall of the retaining wall from sta.7+375 to sta.7+390	12/24/14	12/24/14	12/24/14	0	A
	IR-13-00016-SHT-585-A	Inspection for sub grade level and compaction from sta.3+900 to sta.4+120.	12/24/14	12/24/14	12/24/14	0	A
	IR-13-00016-SHT-586-A	Inspection for the Mill Certificate & Inspection Certificate for 12" steel pipe	12/27/14	12/27/14	12/27/14	0	A
	IR-13-00016-SHT-587-A	Inspection for sub grade level and compaction from sta.5+300 to sta.5+560.	12/27/14	12/27/14	12/27/14	0	A
	IR-13-00016-SHT-588-A	Inspection for the field compaction test along 6" Al Nabi Younis network from sta.0+080 to sta.0+500	12/27/14	12/27/14	12/27/14	0	A
	IR-13-00016-SHT-589-A	Inspection for formwork for wall of the retaining wall from sta.7+375 to sta.7+390	12/27/14	12/27/14	12/27/14	0	A
	IR-13-00016-SHT-590-A	Inspection for casting concrete for the retaining wall foundation from sta.3+255 to sta.3+275	12/27/14	12/27/14	12/27/14	0	A
	IR-13-00016-SHT-591-A	Inspection for casting concrete for wall of retaining wall from sta 3+234 to sta.3+244	12/27/14	12/27/14	12/27/14	0	A
	IR-13-00016-SHT-592-A	Inspection for the Mill Certificate & Inspection Certificate for 30" steel pipe	12/28/14	12/28/14	12/28/14	0	A
	IR-13-00016-SHT-593-A	Inspection for the Mill Certificate & Inspection Certificate for 24" steel pipe	12/28/14	12/28/14	12/28/14	0	A
	IR-13-00016-SHT-594-A	Inspection for the Mill Certificate & Inspection Certificate for 20" steel pipe	12/28/14	12/28/14	12/28/14	0	A
	IR-13-00016-SHT-595-A	Inspection for the Mill Certificate & Inspection Certificate for 16" steel pipe	12/28/14	12/28/14	12/28/14	0	A
	IR-13-00016-SHT-596-A	Inspection for the Mill Certificate & Inspection Certificate for 8" steel pipe	12/28/14	12/28/14	12/28/14	0	A
	IR-13-00016-SHT-597-A	Inspection for spraying MC and applying first layer asphalt wearing course 5 cm thick from sta.0+080 to sta.0+500	12/28/14	12/28/14	12/28/14	0	A
	IR-13-00016-SHT-598-A	Inspection for formwork for wall of 2 G.V chamber (C-907) at sta.3+490	12/28/14	12/28/14	12/28/14	0	A
	IR-13-00016-SHT-599-A	Inspection for location for 2"A.R.V chamber (C-905A) at sta.4+082	12/28/14	12/28/14	12/28/14	0	A
	IR-13-00016-SHT-600-A	Inspection for Safety measure for retaining wall from Sta.3+380 to Sta.3+464.92 RHS	12/28/14	12/28/14	12/29/14	1	C
	IR-13-00016-SHT-601-A	Inspection for the Mill Certificate & Inspection Certificate for 10" steel pipe	12/29/14	12/29/14	12/29/14	0	A
	IR-13-00016-SHT-602-A	Inspection for Safety measure for retaining wall from Sta.4+422 to Sta.4+440	12/29/14	12/29/14	12/29/14	0	A
	IR-13-00016-SHT-603-A	Inspection for the field compaction test along 6" Al Nabi Younis network from sta.0+500 to sta.0+800	12/29/14	12/29/14	12/29/14	0	A
	IR-13-00016-SHT-604-A	Inspection for casting concrete for wall of 2 G.V chamber (C-907) at sta.3+490	12/29/14	12/29/14	12/29/14	0	A
	IR-13-00016-SHT-605-A	Inspection for casting concrete for wall of retaining wall from sta.7+375 to sta.7+390.	12/29/14	12/29/14	12/29/14	0	A
	IR-13-00016-SHT-606-A	Inspection for sub grade level and compaction from sta.4+120 to sta.4+290.	12/30/14	12/30/14	12/30/14	0	A
	IR-13-00016-SHT-607-A	Inspection for spraying MC and applying first layer asphalt wearing course 5 cm thick from sta.0+500 to sta.0+800	12/30/14	12/30/14	12/30/14	0	A
	IR-13-00016-SHT-608-A	Inspection for steel work for walls of 6" A.R.V chamber (C-905A) at sta.3+303	12/30/14	12/30/14	12/30/14	0	A

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	IR-13-00016-SHT-609-A	Inspection for excavation for retaining wall from Sta.4+422 to Sta.4+440	12/30/14	12/30/14	12/30/14	0	A
	IR-13-00016-SHT-610-A	Inspection for formwork for walls of 6" A.R.V chamber (C-905A) at sta.3+303	12/30/14	12/30/14	12/30/14	0	A
	IR-13-00016-SHT-611-A	Inspection for formwork for blinding of retaining wall before casting concrete from Sta.4+422 to Sta.4+440	12/30/14	12/30/14	12/30/14	0	A
	IR-13-00016-SHT-612-A	Inspection for casting concrete for walls of 6" A.R.V chamber (C-905A) at sta.3+303	12/30/14	12/30/14	12/30/14	0	A
	IR-13-00016-SHT-613-A	Inspection for casting blinding concrete for retaining wall from Sta.4+422 to Sta.4+440	12/30/14	12/30/14	12/30/14	0	A
	IR-13-00016-SHT-614-A	Inspection for sub grade level and compaction from sta.3+580 to sta.3+780.	12/31/14	12/31/14	12/31/14	0	A
	IR-13-00016-SHT-615-A	Inspection for Safety measure for 10" W.O chamber at sta.2+857	12/31/14	12/31/14	12/31/14	0	C
	IR-13-00016-SHT-616-A	Inspection for safety measure for 10 " W.O chamber at sta.4+593	12/31/14	12/31/14	12/31/14	0	A
	IR-13-00016-SHT-617-A	Inspection for casting concrete for wall of retaining wall from sta.3+245 to sta.3+255	12/31/14	12/31/14	12/31/14	0	A
	IR-13-00016-SHT-618-A	Inspection for casting concrete for roof slab of 2 G.V chamber (C-907) at sta.3+490	12/31/14	12/31/14	12/31/14	0	A
	IR-13-00016-SHT-619-A	Inspection for Casting blinding concrete for 10" W.O chamber at sta.2+857	12/31/14	12/31/14	12/31/14	0	A
	IR-13-00016-SHT-620-A	Inspection for steel work for 10 " W.O chamber foundation at sta.4+593	12/31/14	12/31/14	12/31/14	0	A
	IR-13-00016-SHT-621-A	Inspection for casting concrete for foundation of W.O chamber at sta.4+593	01/01/15	01/01/15	01/01/15	0	A
	IR-13-00016-SHT-622-A	Inspection for safety measures , traffic plan before start excavation & installation 30" pipeline from sta.8+000 to sta.8+270	01/13/15	01/13/15	01/13/15	0	C
	IR-13-00016-SHT-622-B	Inspection for safety measures , traffic plan before start digging from sta.8+000 to sta.8+270	01/14/15	01/14/15	01/14/15	0	A
	IR-13-00016-SHT-623-A	Inspection to closing of Environmental Checklist for August, September & October.	01/13/15	01/13/15	01/13/15	0	A
	IR-13-00016-SHT-624-A	Inspection for steel work for roof slab of 6" A.R.V chamber (C-905A) at sta.3+303	01/13/15	01/13/15	01/13/15	0	A
	IR-13-00016-SHT-625-A	Inspection for steel works & formwork for the foundation of the retaining wall before casting concrete from sta.3+265 to sta.3+277	01/13/15	01/13/15	01/13/15	0	A
	IR-13-00016-SHT-626-A	Inspection for casting concrete for roof slab of 6" A.R.V chamber (C-905A) at sta.3+303	01/13/15	01/13/15	01/13/15	0	A
	IR-13-00016-SHT-627-A	Inspection for casting concrete for the foundation of the retaining wall from sta.3+265 to sta.3+277	01/13/15	01/13/15	01/13/15	0	A
	IR-13-00016-SHT-628-A	Inspection for steel works & formwork for the walls of connection chamber (MD-09) at sta.2+781	01/14/15	01/14/15	01/14/15	0	A
	IR-13-00016-SHT-629-A	Inspection for casting concrete for the walls of connection chamber (MD-09) at sta.2+781	01/14/15	01/14/15	01/14/15	0	A
	IR-13-00016-SHT-630-A	Inspection for formwork for the walls of connection chamber (MD-03) at sta.3+485	01/15/15	01/15/15	01/15/15	0	A
	IR-13-00016-SHT-631-A	Inspection for casting concrete for the walls of connection chamber (MD-03) at sta.3+485	01/15/15	01/15/15	01/15/15	0	A
	IR-13-00016-SHT-632-A	Inspection for steel works for wall of retaining wall from sta.3+255 to sta.3+265	01/18/15	01/18/15	01/18/15	0	A
	IR-13-00016-SHT-633-A	Inspection for alignment for 30" main pipeline at Asyoon before start excavation from Sta.0+000 to Sta.0+140.	01/18/15	01/18/15	01/18/15	0	A
	IR-13-00016-SHT-634-A	Inspection for the Mill Certificate & Inspection Certificate for 30" steel pipe	01/19/15	01/19/15	01/19/15	0	A

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	IR-13-00016-SHT-635-A	Inspection for location for 6"A.R.V chamber (C-905A) at sta.4+993	01/19/15	01/19/15	01/19/15	0	A
	IR-13-00016-SHT-636-A	Inspection for location for 8" GV connection to existing with 3" W.O chamber (MD-09/1) at sta.2+290	01/19/15	01/19/15	01/19/15	0	A
	IR-13-00016-SHT-637-A	Inspection for sub grade level and compaction from sta.6+250 to sta.6+600.	01/20/15	01/20/15	01/20/15	0	A
	IR-13-00016-SHT-638-A	Inspection for steel work for roof slab of connection chamber (MD-09) at sta.2+781	01/20/15	01/20/15	01/20/15	0	A
	IR-13-00016-SHT-639-A	Inspection for formwork for wall of the retaining wall from sta.3+255 to sta.3+265	01/20/15	01/20/15	01/20/15	0	A
	IR-13-00016-SHT-640-A	Inspection for casting concrete for wall of the retaining wall from sta.3+255 to sta.3+265	01/20/15	01/20/15	01/20/15	0	A
	IR-13-00016-SHT-641-A	Inspection for casting concrete for roof slab of connection chamber (MD-09) at sta.2+781	01/20/15	01/20/15	01/20/15	0	A
	IR-13-00016-SHT-642-A	Inspection for alignment for 3" pipeline at A Hawawer before start excavation from Sta.0+000 to Sta.0+380.	01/21/15	01/21/15	01/21/15	0	C
	IR-13-00016-SHT-642-B	Inspection for alignment for 3" pipeline at A Hawawer before start excavation from Sta.0+000 to Sta.0+380.	01/27/15	01/27/15	01/27/15	0	C
	IR-13-00016-SHT-643-A	Inspection for steel work for the roof slab of connection chamber (MD-03) at sta.3+485	01/21/15	01/21/15	01/21/15	0	A
	IR-13-00016-SHT-644-A	Inspection for casting concrete for roof slab of connection chamber (MD-03) at sta.3+485	01/21/15	01/21/15	01/21/15	0	A
	IR-13-00016-SHT-645-A	Inspection for formwork for walls of W.O chamber at sta.4+593	01/22/15	01/22/15	01/22/15	0	A
	IR-13-00016-SHT-646-A	Inspection for sub grade level and compaction from sta.6+600 to sta.6+830.	01/22/15	01/22/15	01/22/15	0	C
	IR-13-00016-SHT-646-B	Inspection for sub grade level and compaction from sta.6+600 to sta.6+830.	01/27/15	01/27/15	01/27/15	0	A
	IR-13-00016-SHT-647-A	Inspection casting concrete for walls of W.O chamber at sta.4+593	01/22/15	01/22/15	01/22/15	0	A
	IR-13-00016-SHT-648-A	Inspection for safety measures , traffic plan before start digging, excavation & installation from sta.7+500 to sta.8+000	01/24/15	01/24/15	01/24/15	0	A
	IR-13-00016-SHT-649-A	Inspection for steel work for retaining wall foundation from Sta.4+422 to Sta.4+440	01/25/15	01/25/15	01/25/15	0	A
	IR-13-00016-SHT-650-A	Inspection for 1st coat insulation work for foundation, walls & roof slab of connection chamber (MD-09) before start 2nd coat at sta.2+781	01/25/15	01/25/15	01/25/15	0	A
	IR-13-00016-SHT-651-A	Inspection for steel work for roof slab of chamber at sta.1+280	01/25/15	01/25/15	01/25/15	0	C
	IR-13-00016-SHT-651-B	Inspection for steel work for roof slab of chamber at sta.1+280	01/27/15	01/27/15	01/27/15	0	A
	IR-13-00016-SHT-652-A	Inspection for casting concrete for retaining wall foundation from Sta.4+422 to Sta.4+440	01/25/15	01/25/15	01/25/15	0	A
	IR-13-00016-SHT-653-A	Inspection for the insulation works for retaining wall before start backfilling from sta.7+375 to sta.7+390	01/27/15	01/27/15	01/27/15	0	A
	IR-13-00016-SHT-654-A	Inspection for safety measure for 2" ARV chamber (C-905A) at sta.4+082.	01/27/15	01/27/15	01/27/15	0	C
	IR-13-00016-SHT-654-B	Inspection for safety measure for 2" ARV chamber (C-905A) at sta.4+082.	02/01/15	02/01/15	02/01/15	0	C
	IR-13-00016-SHT-654-C	Inspection for safety measure for 2" ARV chamber (C-905A) at sta.4+082.	02/02/15	02/02/15	02/02/15	0	A
	IR-13-00016-SHT-655-A	Inspection for location for Beit Ummer connection chamber at sta.4+625	01/27/15	01/27/15	01/27/15	0	A
	IR-13-00016-SHT-656-A	Inspection for casting concrete for roof slab of chamber at sta.1+280	01/27/15	01/27/15	01/27/15	0	A

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	IR-13-00016-SHT-657-A	Inspection for safety measure for Beit Ummer flow monitoring chamber at sta.4+625	01/27/15	01/27/15	01/27/15	0	A
	IR-13-00016-SHT-658-A	Inspection steel work for roof slab of W.O chamber at sta.4+593	01/27/15	01/27/15	01/27/15	0	C
	IR-13-00016-SHT-658-B	Inspection steel work for roof slab of W.O chamber at sta.4+593	01/29/15	01/29/15	01/29/15	0	A
	IR-13-00016-SHT-659-A	Inspection for coordinates of edge of the wall from sta.3+395 to sta.3+460 RHS before excavation	01/28/15	01/28/15	01/28/15	0	C
	IR-13-00016-SHT-660-A	Inspection for safety measure for connection to existing & W.O chamber at sta.2+320	01/28/15	01/28/15	01/28/15	0	A
	IR-13-00016-SHT-661-A	Inspection for excavation work for Beit Ummer flow monitoring chamber at sta.4+625	01/28/15	01/28/15	01/28/15	0	A
	IR-13-00016-SHT-662-A	Inspection for casting blinding concrete for Beit Ummer flow monitoring chamber at sta.4+625	01/28/15	01/28/15	01/28/15	0	A
	IR-13-00016-SHT-663-A	Inspection for 1st coat insulation work for ARV chamber at sta.4+082.	01/29/15	01/29/15	01/29/15	0	A
	IR-13-00016-SHT-664-A	Inspection for 1st coat insulation work for walls, foundation & roof slab Beit Ummer connection chamber at sta.3+485 &2 GV at sta.3+490.	01/29/15	01/29/15	01/29/15	0	A
	IR-13-00016-SHT-665-A	Inspection for backfill layer from sta.2+130 to sta.2+600 LHS & RHS.	01/29/15	01/29/15	01/29/15	0	C
	IR-13-00016-SHT-666-A	Inspection for steel work for Beit Ummer flow monitoring chamber at sta.4+625	01/29/15	01/29/15	01/29/15	0	A
	IR-13-00016-SHT-667-A	Inspection for installation precast ARV manhole & the connection pipes at sta.4+082	01/29/15	01/29/15	01/29/15	0	A
	IR-13-00016-SHT-668-A	Inspection for casting concrete for foundation of Beit Ummer flow monitoring chamber at sta.4+625	01/29/15	01/29/15	01/29/15	0	A
	IR-13-00016-SHT-669-A	Inspection for backfill layer fromsta.0+000 to sta.0+190 , sta.0+280 to sta.0+450 & from sta.0+560 to sta.0+790 LHS & RHS.	01/29/15	01/29/15	01/29/15	0	C
	IR-13-00016-SHT-670-A	Inspection for excavation for connection to existing & W.O chamber at sta.2+320	01/29/15	01/29/15	01/29/15	0	A
	IR-13-00016-SHT-671-A	Inspection for the 1st layer of selected material backfill behind the retaining wall from sta.7+315 to sta.7+390.	01/31/15	01/31/15	01/31/15	0	A
	IR-13-00016-SHT-672-A	Inspection for steel work for walls of Beit Ummer flow monitoring chamber at sta.4+625	01/31/15	01/31/15	01/31/15	0	A
	IR-13-00016-SHT-673-A	Inspection casting concrete for roof slab of W.O chamber at sta.4+593	01/31/15	01/31/15	01/31/15	0	A
	IR-13-00016-SHT-674-A	Inspection for steel work for foundation of connection to existing & W.O chamber at sta.2+320	01/31/15	01/31/15	01/31/15	0	A
	IR-13-00016-SHT-675-A	Inspection for casting concrete for foundation of connection to existing & W.O chamber at sta.2+320	01/31/15	01/31/15	01/31/15	0	A
	IR-13-00016-SHT-676-A	Inspection for steel work for the wall of the retaining wall from sta.3+265 to sta.3+277	02/01/15	02/01/15	02/01/15	0	C
	IR-13-00016-SHT-676-B	Inspection for steel work for the wall of the retaining wall from sta.3+265 to sta.3+277	02/02/15	02/02/15	02/02/15	0	A
	IR-13-00016-SHT-677-A	Inspection for the 2nd layer of selected material backfill behind the retaining wall from sta.7+315 to sta.7+390.	02/01/15	02/01/15	02/01/15	0	A
	IR-13-00016-SHT-678-A	Inspection for excavation for 4" connection chamber (MD-09) at sta.1+214	02/01/15	02/01/15	02/01/15	0	A
	IR-13-00016-SHT-679-A	Inspection for 2 Reducer (30" to 20") that were fabricated in the work shop (Eccentric and Concentric).	02/01/15	02/01/15	02/02/15	1	C
	IR-13-00016-SHT-679-B	Inspection for 2 Reducer (30" to 20") that were fabricated in the work shop (Eccentric and Concentric).	03/12/15	03/12/15	03/12/15	0	C

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	IR-13-00016-SHT-680-A	Inspection for mockup for sand plastering & Epoxy coating (Work Shop).	02/01/15	02/01/15	02/02/15	1	C
	IR-13-00016-SHT-681-A	Inspection for steel work for walls of connection to existing & W.O chamber at sta.2+320	02/01/15	02/01/15	02/01/15	0	C
	IR-13-00016-SHT-681-B	Inspection for steel work for walls of connection to existing & W.O chamber at sta.2+320	02/02/15	02/02/15	02/02/15	0	A
	IR-13-00016-SHT-682-A	Inspection for the 3rd layer of selected material backfill behind the retaining wall from sta.7+315 to sta.7+390.	02/01/15	02/01/15	02/01/15	0	A
	IR-13-00016-SHT-683-A	Inspection for alignment for 30" main pipeline at Halhul site before start digging from Sta.7+200 to Sta.7+500.	02/02/15	02/02/15	02/02/15	0	A
	IR-13-00016-SHT-684-A	Inspection for insulation work 1st layer for Main Connection chamber at sta.1+280	02/02/15	02/02/15	02/02/15	0	A
	IR-13-00016-SHT-685-A	Inspection for insulation 1st layer for connection to existing chamber at sta.1+214	02/02/15	02/02/15	02/02/15	0	A
	IR-13-00016-SHT-686-A	Inspection for installation precast connection to existing & the connection pipes at sta.1+214	02/02/15	02/02/15	02/02/15	0	C
	IR-13-00016-SHT-687-A	Inspection for steel work for foundation of 10"ARV chamber (C-905A) at sta.4+082	02/02/15	02/02/15	02/02/15	0	A
	IR-13-00016-SHT-688-A	Inspection for casting concrete for foundation of 10"ARV chamber (C-905A) at sta.4+082	02/02/15	02/02/15	02/02/15	0	A
	IR-13-00016-SHT-689-A	Inspection insulation work 1st layer for walls, roof slab & foundation of W.O chamber at sta.4+593	02/03/15	02/03/15	02/03/15	0	C
	IR-13-00016-SHT-690-A	Inspection for formwork for walls of connection to existing & W.O chamber at sta.2+320	02/03/15	02/03/15	02/03/15	0	C
	IR-13-00016-SHT-690-B	Inspection for formwork for walls of connection to existing & W.O chamber at sta.2+320	02/04/15	02/04/15	02/04/15	0	A
	IR-13-00016-SHT-691-A	Inspection for location for 6" ARV chamber at sta.6+600	02/03/15	02/03/15	02/03/15	0	A
	IR-13-00016-SHT-692-A	Inspection for location for 6" ARV chamber at sta.8+875	02/03/15	02/03/15	02/03/15	0	A
	IR-13-00016-SHT-693-A	Inspection for location for 10"ARV chamber at sta.9+210	02/03/15	02/03/15	02/03/15	0	A
	IR-13-00016-SHT-694-A	Inspection for location for 6" GV chamber at sta.0+180	02/03/15	02/03/15	02/03/15	0	A
	IR-13-00016-SHT-695-A	Inspection for the 4th layer of selected material backfill behind the retaining wall from sta.7+315 to sta.7+390.	02/03/15	02/03/15	02/03/15	0	A
	IR-13-00016-SHT-696-A	Inspection for steel work for wall of the retaining wall from Sta.4+431 to Sta.4+440	02/04/15	02/04/15	02/04/15	0	A
	IR-13-00016-SHT-697-A	Inspection for formwork for wall of the retaining wall from sta.3+265 to sta.3+277	02/04/15	02/04/15	02/04/15	0	A
	IR-13-00016-SHT-698-A	Inspection for location for 3" ARV chamber at sta.0+208	02/04/15	02/04/15	02/04/15	0	A
	IR-13-00016-SHT-699-A	Inspection for alignment for 30" main pipeline at Karmi Tzure site before start digging from Sta.5+820 to Sta.6+220.	02/04/15	02/04/15	02/04/15	0	A
	IR-13-00016-SHT-700-A	Inspection for casting concrete for walls of connection to existing & W.O chamber at sta.2+320	02/04/15	02/04/15	02/04/15	0	A
	IR-13-00016-SHT-701-A	Inspection for casting concrete for wall of the retaining wall from sta.3+265 to sta.3+277	02/05/15	02/05/15	02/05/15	0	A

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	IR-13-00016-SHT-702-A	Inspection for excavation work for W.O& G.V precast chamber at sta.4+593	02/05/15	02/05/15	02/05/15	0	A
	IR-13-00016-SHT-703-A	Inspection for steel work for walls of 10" ARV chamber (C-905A) at sta.4+082	02/05/15	02/05/15	02/05/15	0	A
	IR-13-00016-SHT-704-A	Inspection for safety measure for connection to existing chamber at sta.3+781	02/05/15	02/05/15	02/05/15	0	A
	IR-13-00016-SHT-705-A	Inspection for excavation for connection to existing chamber at sta.3+781	02/05/15	02/05/15	02/05/15	0	A
	IR-13-00016-SHT-706-A	Inspection for the 5th layer of selected material backfill behind the retaining wall from sta.7+315 to sta.7+390.	02/07/15	02/07/15	02/07/15	0	A
	IR-13-00016-SHT-707-A	Inspection for formwork for wall of 10"ARV chamber (C-905A) at sta.4+082	02/07/15	02/07/15	02/07/15	0	A
	IR-13-00016-SHT-708-A	Inspection for casting concrete for wall of 10"ARV chamber (C-905A) at sta.4+082	02/07/15	02/07/15	02/07/15	0	A
	IR-13-00016-SHT-709-A	Inspection for steel work for foundation of connection to existing chamber at sta.3+781	02/07/15	02/07/15	02/07/15	0	A
	IR-13-00016-SHT-710-A	Inspection for casting concrete for foundation of connection to existing chamber at sta.3+781	02/07/15	02/07/15	02/07/15	0	A
	IR-13-00016-SHT-711-A	Inspection for formwork for wall of the retaining wall from Sta.4+431 to Sta.4+440	02/07/15	02/07/15	02/07/15	0	A
	IR-13-00016-SHT-712-A	Inspection for casting concrete for wall of the retaining wall from Sta.4+431 to Sta.4+440	02/08/15	02/08/15	02/08/15	0	A
	IR-13-00016-SHT-713-A	Inspection for formwork for walls of connection to existing chamber at sta.3+781	02/09/15	02/09/15	02/09/15	0	A
	IR-13-00016-SHT-714-A	Inspection for the excavation level of the retaining wall foundation before blind concrete from sta.3+420 to 3+460	02/09/15	02/09/15	02/09/15	0	A
	IR-13-00016-SHT-715-A	Inspection for steel work for roof slab of connection to existing & W.O chamber at sta.2+320	02/09/15	02/09/15	02/09/15	0	A
	IR-13-00016-SHT-716-A	Inspection for casting concrete for walls of connection to existing chamber at sta.3+781	02/09/15	02/09/15	02/09/15	0	A
	IR-13-00016-SHT-717-A	Inspection for casting concrete for roof slab of connection to existing & W.O chamber at sta.2+320	02/09/15	02/09/15	02/09/15	0	A
	IR-13-00016-SHT-718-A	Inspection for casting blinding concrete for retaining wall from sta.3+420 to sta.3+460	02/09/15	02/09/15	02/09/15	0	A
	IR-13-00016-SHT-719-A	Inspection for steel work for roof slab of 10"ARV chamber (C-905A) at sta.4+082	02/10/15	02/10/15	02/10/15	0	A
	IR-13-00016-SHT-720-A	Inspection for the 6th layer of selected material backfill behind the retaining wall from sta.7+315 to sta.7+390.	02/10/15	02/10/15	02/10/15	0	A
	IR-13-00016-SHT-721-A	Inspection for safety measure for ARV (C-905A) chamber at sta.4+993.	02/10/15	02/10/15	02/10/15	0	A
	IR-13-00016-SHT-722-A	Inspection for excavation, steel & casting concrete for foundation of ARV (C-905A) chamber at sta.4+993.	02/10/15	02/10/15	02/10/15	0	A
	IR-13-00016-SHT-723-A	Inspection for steel work for walls of 6"A.R.V chamber (C-905A) at sta.4+993	02/10/15	02/10/15	02/10/15	0	C
	IR-13-00016-SHT-723-B	Inspection for steel work for walls of 6"A.R.V chamber (C-905A) at sta.4+993	02/14/15	02/14/15	02/14/15	0	A
	IR-13-00016-SHT-724-A	Inspection for steel work for wall of the retaining wall from Sta.4+420 to Sta.4+431	02/11/15	02/11/15	02/11/15	0	C
	IR-13-00016-SHT-724-B	Inspection for steel work for wall of the retaining wall from Sta.4+420 to Sta.4+431	02/14/15	02/14/15	02/14/15	0	A
	IR-13-00016-SHT-725-A	Inspection for steel work & casting concrete for foundation of 10" A.R.V chamber (C-905A) at sta.5+607	02/11/15	02/11/15	02/11/15	0	A
	IR-13-00016-SHT-726-A	Inspection for steel work for walls of 10" A.R.V chamber (C-905A) at sta.5+607	02/12/15	02/12/15	02/12/15	0	A
	IR-13-00016-SHT-727-A	Inspection for casting concrete for walls of 10" A.R.V chamber (C-905A) at sta.5+607	02/12/15	02/12/15	02/12/15	0	A

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	IR-13-00016-SHT-728-A	Inspection for steel work for roof slab of 10" A.R.V chamber (C-905A) at sta.5+607	02/15/15	02/15/15	02/15/15	0	A
	IR-13-00016-SHT-729-A	Inspection for formwork for walls of 6"A.R.V chamber (C-905A) at sta.4+993	02/15/15	02/15/15	02/15/15	0	A
	IR-13-00016-SHT-730-A	Inspection for steel work for roof slab of connection to existing chamber at sta.3+781	02/15/15	02/15/15	02/15/15	0	A
	IR-13-00016-SHT-731-A	Inspection for casting concrete for roof slab of 10"ARV chamber (C-905A) at sta.4+082	02/15/15	02/15/15	02/15/15	0	A
	IR-13-00016-SHT-732-A	Inspection for casting concrete for walls of 6"A.R.V chamber (C-905A) at sta.4+993	02/15/15	02/15/15	02/15/15	0	A
	IR-13-00016-SHT-733-A	Inspection for casting concrete for roof slab of connection to existing chamber at sta.3+781	02/15/15	02/15/15	02/15/15	0	A
	IR-13-00016-SHT-734-A	Inspection for casting concrete for roof slab of 10" A.R.V chamber (C-905A) at sta.5+607	02/15/15	02/15/15	02/15/15	0	A
	IR-13-00016-SHT-735-A	Inspection for steel work for foundation of the retaining wall from sta.3+452 to sta.3+460	02/15/15	02/15/15	02/16/15	1	A
	IR-13-00016-SHT-736-A	Inspection for formwork for wall of the retaining wall from Sta.4+420 to Sta.4+431	02/16/15	02/16/15	02/16/15	0	A
	IR-13-00016-SHT-737-A	Inspection for casting concrete for wall of the retaining wall from Sta.4+420 to Sta.4+431	02/16/15	02/16/15	02/16/15	0	A
	IR-13-00016-SHT-738-A	Inspection for casting concrete for foundation of the retaining wall from sta.3+452 to sta.3+460	02/16/15	02/16/15	02/16/15	0	A
	IR-13-00016-SHT-739-A	Inspection for steel work & casting concrete for foundation of 10" W.O chamber at sta.2+857	02/16/15	02/16/15	02/16/15	0	A
	IR-13-00016-SHT-740-A	Inspection for steel work & casting concrete for walls of 10" W.O chamber at sta.2+857	02/17/15	02/17/15	02/17/15	0	A
	IR-13-00016-SHT-741-A	Inspection for steel work for roof slab of 10" W.O chamber at sta.2+857	02/18/15	02/18/15	02/18/15	0	A
	IR-13-00016-SHT-742-A	Inspection for traffic plan before start digging from sta.9+440 to sta.9+600	02/19/15	02/19/15	02/19/15	0	A
	IR-13-00016-SHT-743-A	Inspection for alignment for 30" main pipeline at Karmi Tzure site before start digging from Sta.9+418 to sta.9+600.	02/19/15	02/19/15	02/19/15	0	A
	IR-13-00016-SHT-744-A	Inspection for steel work for roof slab of 6"A.R.V chamber (C-905A) at sta.4+993	02/23/15	02/23/15	02/23/15	0	C
	IR-13-00016-SHT-744-B	Inspection for steel work for roof slab of 6"A.R.V chamber (C-905A) at sta.4+993	02/25/15	02/25/15	02/25/15	0	A
	IR-13-00016-SHT-745-A	Inspection for safety measures for 30" main pipeline before digging works from sta.9+440 to 9+600	02/23/15	02/23/15	02/23/15	0	A
	IR-13-00016-SHT-746-A	Inspection for casting concrete for roof slab of 10" W.O chamber at sta.2+857	02/23/15	02/23/15	02/23/15	0	A
	IR-13-00016-SHT-747-A	Inspection for mockup of stone wall at sta.4+460 RHS	02/25/15	02/25/15	02/25/15	0	C
	IR-13-00016-SHT-748-A	Inspection for steel work for roof slab of Beit Ummer flow monitoring chamber at sta.4+625	02/25/15	02/25/15	02/26/15	1	A
	IR-13-00016-SHT-749-A	Inspection for Safety measure for retaining wall from sta.3+150 to sta.3+200	02/26/15	02/26/15	02/26/15	0	C
	IR-13-00016-SHT-749-B	Inspection for Safety measure for retaining wall from sta.3+150 to sta.3+200	03/01/15	03/01/15	03/01/15	0	A
	IR-13-00016-SHT-750-A	Inspection for coordinates of edge of the wall from sta.3+150 to sta.3+200 before excavation	02/26/15	02/26/15	02/26/15	0	C

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	IR-13-00016-SHT-751-A	Inspection for steel work for retaining wall foundation from sta.3+420 to sta.3+452	02/26/15	02/26/15	02/26/15	0	C
	IR-13-00016-SHT-751-B	Inspection for steel work for retaining wall foundation from sta.3+420 to sta.3+452	02/28/15	02/28/15	02/28/15	0	A
	IR-13-00016-SHT-752-A	Inspection for casting concrete for roof fixed slab of Beit Ummer flow monitoring chamber at sta.4+625	02/28/15	02/28/15	02/28/15	0	A
	IR-13-00016-SHT-753-A	Inspection for casting concrete for roof slab of 6"A.R.V chamber (C-905A) at sta.4+993	02/28/15	02/28/15	02/28/15	0	A
	IR-13-00016-SHT-754-A	Inspection for the field compaction test along Al Nabi Younis 4"from sta.0+220 to sta.0+500	02/28/15	02/28/15	02/28/15	0	A
	IR-13-00016-SHT-755-A	Inspection for spraying MC and applying first layer asphalt wearing course 5 cm thick from sta.0+220 to sta.0+500 - Al Nabi Younis 4" pipeline.	02/28/15	02/28/15	02/28/15	0	A
	IR-13-00016-SHT-756-A	Inspection for steel work for the slab from sta.7+375 to sta.7+390	02/28/15	02/28/15	02/28/15	0	A
	IR-13-00016-SHT-757-A	Inspection for casting concrete for retaining wall foundation from sta.3+420 to sta.3+452	02/28/15	02/28/15	02/28/15	0	A
	IR-13-00016-SHT-758-A	Inspection for Traffic Plan & safety measure before start excavation from sta.6+830 to sta.7+500.	03/01/15	03/01/15	03/01/15	0	C
	IR-13-00016-SHT-758-B	Inspection for Traffic Plan & safety measure before start excavation from sta.6+830 to sta.7+200.	03/01/15	03/01/15	03/01/15	0	A
	IR-13-00016-SHT-759-A	Inspection for preparation and coating for the retaining wall from sta.3+240 to sta.3+265.	03/01/15	03/01/15	03/01/15	0	C
	IR-13-00016-SHT-759-B	Inspection for preparation and coating for the retaining wall from sta.3+240 to sta.3+265.	03/03/15	03/03/15	03/03/15	0	A
	IR-13-00016-SHT-760-A	Inspection insulation work 1st layer for walls, roof slab & foundation of ARV chamber at sta.4+993	03/01/15	03/01/15	03/01/15	0	A
	IR-13-00016-SHT-761-A	Start Milling works along 30" main pipeline from sta.7+500 to sta.7+900 and from sta.8+580 to sta.8+860	03/01/15	03/02/15	03/02/15	0	C
	IR-13-00016-SHT-762-A	Inspection for the field compaction test along Al Nabi Younis 4"from sta.0+000 to sta.0+220 & common (6 & 8") from sta.0+620 to sta.0+700	03/02/15	03/02/15	03/02/15	0	A
	IR-13-00016-SHT-763-A	Inspection for Insulation work 1st layer for walls, roof slab & foundation of 10" A.R.V chamber (C-905A) at sta.5+607	03/02/15	03/02/15	03/02/15	0	A
	IR-13-00016-SHT-764-A	Inspection for preparation and coating for the retaining wall from Sta.4+420 to Sta.4+440	03/02/15	03/02/15	03/02/15	0	A
	IR-13-00016-SHT-765-A	Inspection for steel work for wall of the retaining wall from sta.3+430 to 3+440 & from sta.3+450 to sta.3+460.	03/02/15	03/02/15	03/02/15	0	A
	IR-13-00016-SHT-766-A	Inspection for insulation work 1st layer for walls, roof slab & foundation of Beit Ummer flow monitoring chamber at sta.4+625	03/03/15	03/03/15	03/03/15	0	A
	IR-13-00016-SHT-767-A	Inspection for traffic plan and safety measures before start digging from sta.9+860 to sta.9+990	03/03/15	03/03/15	03/03/15	0	A

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	IR-13-00016-SHT-768-A	Inspection for spraying MC and applying first layer asphalt wearing course 5 cm thick -Al Nabi Younis 4"from sta.0+000 to sta.0+220 & common (6" & 8") from sta.0+620 to sta.0+700.	03/03/15	03/03/15	03/03/15	0	A
	IR-13-00016-SHT-769-A	Inspection for steel work for wall of the retaining wall from sta.3+226.5 to 3+231.	03/03/15	03/03/15	03/03/15	0	A
	IR-13-00016-SHT-770-A	Inspection for formwork for blinding of the retaining wall from sta.3+395 to sta.3+420	03/04/15	03/04/15	03/04/15	0	A
	IR-13-00016-SHT-771-A	Inspection for formwork for wall of the retaining wall from sta.3+430 to 3+440 & from sta.3+450 to sta.3+460.	03/04/15	03/04/15	03/04/15	0	A
	IR-13-00016-SHT-772-A	Inspection for steel & casting concrete for removable roof slab (Two Parts) for main connection chamber at sta.1+280.	03/04/15	03/04/15	03/04/15	0	A
	IR-13-00016-SHT-773-A	Inspection for steel & casting concrete for removable roof slab for W.O chamber at sta.2+857.	03/04/15	03/04/15	03/04/15	0	A
	IR-13-00016-SHT-774-A	Inspection for casting concrete for blinding of the retaining wall from sta.3+395 to sta.3+420	03/04/15	03/04/15	03/04/15	0	A
	IR-13-00016-SHT-775-A	Inspection for casting concrete for wall of the retaining wall from sta.3+430 to 3+440 & from sta.3+450 to sta.3+460.	03/04/15	03/04/15	03/04/15	0	A
	IR-13-00016-SHT-776-A	Inspection for casting concrete for wall of the retaining wall from sta.3+226.5 to 3+231.	03/04/15	03/04/15	03/04/15	0	A
	IR-13-00016-SHT-777-A	Inspection for the field compaction test along 30" main pipeline from sta.7+500 to 7+950.	03/07/15	03/07/15	03/07/15	0	A
	IR-13-00016-SHT-778-A	Inspection for casting concrete for the roof slab from sta.7+375 to sta.7+390	03/07/15	03/07/15	03/07/15	0	A
	IR-13-00016-SHT-779-A	Inspection for spraying MC and applying first layer asphalt wearing course 5 cm thick - 30" main pipeline from sta.7+500 to sta.7+700	03/07/15	03/07/15	03/07/15	0	A
	IR-13-00016-SHT-780-A	Inspection for casting blinding concrete of W.O chamber at sta.7+192.	03/07/15	03/07/15	03/07/15	0	A
	IR-13-00016-SHT-781-A	Inspection for steel work for removable roof slab (one Part) for main connection chamber at sta.1+280.	03/08/15	03/08/15	03/08/15	0	C
	IR-13-00016-SHT-781-B	Inspection for steel work for removable roof slab (one Part) for main connection chamber at sta.1+280.	03/09/15	03/09/15	03/09/15	0	A
	IR-13-00016-SHT-782-A	Inspection for steel work for removable roof slab (two Parts) for Beit Ummer flow monitoring chamber at sta.4+625.	03/08/15	03/08/15	03/08/15	0	C
	IR-13-00016-SHT-782-B	Inspection for steel work for removable roof slab (two Parts) for Beit Ummer flow monitoring chamber at sta.4+625.	03/09/15	03/09/15	03/09/15	0	A
	IR-13-00016-SHT-783-A	Inspection for spraying MC and applying first layer asphalt wearing course 5 cm thick - 30" main pipeline from sta.7+700 to sta.7+950	03/08/15	03/08/15	03/08/15	0	A
	IR-13-00016-SHT-784-A	Inspection for Safety measure for zaboud pipeline from sta.0+000 to sta.1+110 before start milling	03/08/15	03/09/15	03/09/15	0	A
	IR-13-00016-SHT-785-A	Inspection for start milling for zaboud water pipeline from sta.0+000 to sta.1+110	03/08/15	03/09/15	03/09/15	0	A
	IR-13-00016-SHT-786-A	Inspection for steel work for foundation of W.O chamber at sta.7+192.	03/09/15	03/09/15	03/09/15	0	A

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	IR-13-00016-SHT-787-A	Inspection for traffic plan and safety measures before start digging from sta.9+990 to sta.10+200	03/09/15	03/09/15	03/09/15	0	A
	IR-13-00016-SHT-788-A	Inspection for casting concrete for removable roof slab (Two Parts) for Beit Ummer flow monitoring chamber at sta.4+625.	03/09/15	03/09/15	03/09/15	0	A
	IR-13-00016-SHT-789-A	Inspection for casting concrete for removable roof slab (one Part) for main connection chamber at sta.1+280.	03/09/15	03/09/15	03/09/15	0	A
	IR-13-00016-SHT-790-A	Inspection for casting concrete for foundation of W.O chamber at sta.7+192.	03/09/15	03/09/15	03/09/15	0	A
	IR-13-00016-SHT-791-A	Inspection for spraying MC and applying first layer asphalt wearing course 5 cm thick - Zaboud water pipeline from sta.0+000 to sta.1+110.	03/09/15	03/09/15	03/09/15	0	A
	IR-13-00016-SHT-792-A	Inspection for spraying MC and applying first layer asphalt wearing course 5 cm thick - Halhul site from sta.8+271 to sta.8+350, Sta.8+450 to sta.8+515 & from sta.9+390 to sta.9+418.	03/09/15	03/09/15	03/09/15	0	A
	IR-13-00016-SHT-793-A	Inspection for start milling for AL Nabi Younis water pipeline 8" from Sta.0+130 to sta.0+620 & 6" from Sta.0+080 to sta.0+814.	03/09/15	03/09/15	03/09/15	0	A
	IR-13-00016-SHT-794-A	Inspection for steel work for walls of W.O chamber at sta.7+192.	03/10/15	03/10/15	03/10/15	0	A
	IR-13-00016-SHT-795-A	Inspection for steel work for foundation of the retaining wall from sta.3+400 to 3+420.	03/10/15	03/10/15	03/10/15	0	A
	IR-13-00016-SHT-796-A	Inspection for steel work for wall of the retaining wall from sta.3+340 to sta.3+450	03/10/15	03/10/15	03/10/15	0	A
	IR-13-00016-SHT-797-A	Inspection for safety measure for A.R.V chamber at sta.8+875	03/10/15	03/10/15	03/10/15	0	A
	IR-13-00016-SHT-798-A	Inspection for sub grade level & compaction from sta.7+020 to sta.7+160	03/10/15	03/11/15	03/11/15	0	A
	IR-13-00016-SHT-799-A	Inspection for spraying MC and applying first layer asphalt wearing course 5 cm thick - AL Nabi Younis water pipeline 8" from Sta.0+130 to sta.0+620 & 6" from Sta.0+080 to sta.0+814.	03/10/15	03/10/15	03/10/15	0	A
	IR-13-00016-SHT-800-A	Inspection for start milling for AL Nabi Younis water pipeline 8" from sta.0+620 to sta.0+700 & 4" from sta.0+000 to sta.0+500.	03/10/15	03/10/15	03/10/15	0	A
	IR-13-00016-SHT-801-A	Inspection for spraying MC and applying first layer asphalt wearing course 5 cm thick - AL Nabi Younis water pipeline 8" from sta.0+620 to sta.0+700 & 4" from sta.0+000 to sta.0+500.	03/11/15	03/11/15	03/11/15	0	A
	IR-13-00016-SHT-802-A	Inspection for casting concrete for foundation of the retaining wall from sta.3+400 to 3+420.	03/11/15	03/11/15	03/11/15	0	A
	IR-13-00016-SHT-803-A	Inspection for excavation of A.R.V chamber at sta.8+875.	03/14/15	03/14/15	03/14/15	0	A
	IR-13-00016-SHT-804-A	Inspection for formwork for blinding , from sta.3+380 to sta.3+400.	03/14/15	03/14/15	03/14/15	0	A
	IR-13-00016-SHT-805-A	Inspection for excavation work for precast A.R.V chamber at sta.0+208.	03/14/15	03/14/15	03/14/15	0	A
	IR-13-00016-SHT-806-A	Inspection for excavation work for precast G.V chamber at sta.0+180.	03/14/15	03/14/15	03/14/15	0	A
	IR-13-00016-SHT-807-A	Inspection for casting blinding concrete for the retaining wall from sta.3+380 to 3+400.	03/14/15	03/14/15	03/14/15	0	A
	IR-13-00016-SHT-808-A		03/14/15	03/14/15	03/14/15	0	A
	IR-13-00016-SHT-809-A	Inspection for formwork for walls of W.O chamber at sta.7+192.	03/14/15	03/14/15	03/14/15	0	C
	IR-13-00016-SHT-809-B	Inspection for formwork for walls of W.O chamber at sta.7+192.	03/18/15	03/18/15	03/18/15	0	A

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	IR-13-00016-SHT-810-A	Inspection for asphalt leveling along 30" main pipeline from sta.7+800 to 7+900 & from sta.8+650 to sta.9+040.	03/15/15	03/15/15	03/15/15	0	A
	IR-13-00016-SHT-811-A	Inspection for location for connection to existing chamber (MD-10) at sta.1+115	03/16/15	03/16/15	03/16/15	0	A
	IR-13-00016-SHT-812-A	Inspection for location of 6"connection to existing chamber (MD-09/1) at sta.0+824	03/16/15	03/16/15	03/16/15	0	A
	IR-13-00016-SHT-813-A	Inspection for location of 4" A.R.V chamber at sta.9+680.	03/16/15	03/16/15	03/16/15	0	A
	IR-13-00016-SHT-814-A	Inspection for location of 6" Indirect W.O chamber at sta.9+600	03/16/15	03/16/15	03/16/15	0	A
	IR-13-00016-SHT-815-A	Inspection for the field compaction test along 4" pipeline from sta.0+500 to sta.0+778.	03/16/15	03/16/15	03/16/15	0	A
	IR-13-00016-SHT-816-A	Inspection for formwork & steel works for foundation of A.R.V chamber at sta.8+875.	03/16/15	03/16/15	03/16/15	0	A
	IR-13-00016-SHT-817-A	Inspection for steel work & formwork for wall of the retaining wall from sta.3+420 to 3+430.	03/16/15	03/16/15	03/16/15	0	A
	IR-13-00016-SHT-818-A	Inspection for casting concrete for wall of the retaining wall from sta.3+420 to 3+430.	03/17/15	03/17/15	03/17/15	0	A
	IR-13-00016-SHT-819-A	Inspection for steel work for foundation of the retaining wall from sta.3+380 to sta.3+400.	03/17/15	03/17/15	03/17/15	0	A
	IR-13-00016-SHT-820-A	Inspection for insulation work 1st layer for walls, roof slab & foundation of A.R.V chamber (precast) at sta.0+208.	03/17/15	03/17/15	03/17/15	0	A
	IR-13-00016-SHT-821-A	Inspection for casting concrete for foundation of the retaining wall from sta.3+380 to sta.3+400	03/17/15	03/17/15	03/17/15	0	A
	IR-13-00016-SHT-822-A	Inspection for casting concrete for walls of W.O chamber at sta.7+192.	03/18/15	03/18/15	03/18/15	0	A
	IR-13-00016-SHT-823-A	Inspection for sub grade level & compaction from sta.6+850 to sta.7+020	03/18/15	03/18/15	03/18/15	0	A
	IR-13-00016-SHT-824-A	Inspection for steel work for walls of A.R.V chamber at sta.8+875.	03/18/15	03/18/15	03/18/15	0	A
	IR-13-00016-SHT-825-A	Inspection for formwork for neck of chambers: W.O at sta.2+858 & connection to existing at sta.2+781.	03/18/15	03/18/15	03/18/15	0	C
	IR-13-00016-SHT-825-B	Inspection for formwork for neck of chambers: W.O at sta.2+858 & connection to existing at sta.2+781.	03/25/15	03/25/15	03/25/15	0	A
	IR-13-00016-SHT-826-A	Inspection for holding RT test by Gabi Shoaf for the fabricated elbows in the storage yard	03/19/15	03/19/15	03/19/15	0	A
	IR-13-00016-SHT-827-A	Inspection for formwork for walls of A.R.V chamber at sta.8+875.	03/19/15	03/19/15	03/19/15	0	A
	IR-13-00016-SHT-828-A	Inspection for topping layer & compaction from sta.6+860 to sta.7+160.	03/19/15	03/19/15	03/19/15	0	C
	IR-13-00016-SHT-828-B	Inspection for topping layer & compaction from sta.6+860 to sta.7+160.	03/22/15	03/22/15	03/22/15	0	A
	IR-13-00016-SHT-829-A	Inspection for safety measure for Halhul connection chamber at sta.8+890.	03/19/15	03/19/15	03/19/15	0	A
	IR-13-00016-SHT-830-A	Inspection for casting blinding concrete for Halhul connection chamber at sta.8+890.	03/19/15	03/19/15	03/19/15	0	A
	IR-13-00016-SHT-831-A	Inspection for steel work & casting concrete for foundation of the Halhul connection chamber at sta.8+890.	03/21/15	03/21/15	03/21/15	0	A
	IR-13-00016-SHT-832-A	Inspection for safety measure for concrete storm water (50 cm) from sta.7+328.60 MH# 4 to sta.7+362.95MH# 5 before start digging.	03/21/15	03/21/15	03/21/15	0	A

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	IR-13-00016-SHT-833-A	Inspection for alignment of concrete storm water (50 cm) from sta.7+328.60 MH# 4 to sta.7+362.95 MH# 5	03/21/15	03/21/15	03/21/15	0	A
	IR-13-00016-SHT-834-A	Inspection for insulation work for precast G.V chamber at sta.0+180.	03/21/15	03/21/15	03/21/15	0	A
	IR-13-00016-SHT-835-A	Inspection for excavation for connection to existing chamber (MD-10) at sta.1+115	03/21/15	03/21/15	03/21/15	0	A
	IR-13-00016-SHT-836-A	Inspection for casting blinding concrete for connection to existing chamber (MD-10) at sta.1+115	03/21/15	03/21/15	03/21/15	0	A
	IR-13-00016-SHT-837-A	Inspection for steel work for wall of the retaining wall from sta.3+400 to 3+410	03/22/15	03/22/15	03/22/15	0	A
	IR-13-00016-SHT-838-A	Inspection for insulation work for walls & foundation of W.O chamber at sta.7+192	03/22/15	03/22/15	03/22/15	0	A
	IR-13-00016-SHT-839-A	Inspection for location of 6" Indirect A.R.V chamber at sta.8+400.	03/22/15	03/22/15	03/22/15	0	A
	IR-13-00016-SHT-840-A	Inspection for alignment of concrete storm water (50 cm) from sta.7+183 MH #1 to to sta.7+213 MH #2 & from sta.7+213 MH #2 to sta.7+236 MH #3.	03/22/15	03/22/15	03/22/15	0	C
	IR-13-00016-SHT-841-A	Inspection for excavation work for the retaining wall from sta.3+160 to 3+180	03/22/15	03/22/15	03/22/15	0	C
	IR-13-00016-SHT-841-B	Inspection for excavation work for the retaining wall from sta.3+150 to 3+205	04/05/15	04/05/15	04/05/15	0	A
	IR-13-00016-SHT-842-A	Inspection for steel work & casting concrete for fixed roof slab of W.O chamber at sta.7+192.	03/22/15	03/22/15	03/22/15	0	A
	IR-13-00016-SHT-843-A	Inspection for safety measure for Halhul reservoir main connection chamber at sta.11+900.	03/22/15	03/22/15	03/22/15	0	A
	IR-13-00016-SHT-844-A	Inspection for excavation work of 20" Halhul reservoir main connection chamber at sta.11+900	03/22/15	03/22/15	03/22/15	0	A
	IR-13-00016-SHT-845-A	Inspection for casting blinding concrete of Halhul reservoir main connection chamber at sta.11+900.	03/23/15	03/23/15	03/23/15	0	A
	IR-13-00016-SHT-846-A	Inspection for steel work for walls of Halhul main connection chamber at sta.8+890 (Part A)	03/23/15	03/23/15	03/23/15	0	A
	IR-13-00016-SHT-847-A	Inspection for alignment of concrete storm water (50cm) from sta.7+328 MH 4 to sta.7+307 MH 6.	03/23/15	03/23/15	03/23/15	0	C
	IR-13-00016-SHT-848-A	Inspection for steel work for foundation of the connection to existing chamber (MD-10) at sta.1+115	03/23/15	03/23/15	03/23/15	0	A
	IR-13-00016-SHT-849-A	Inspection for casting concrete for foundation of the connection to existing chamber (MD-10) at sta.1+115	03/23/15	03/23/15	03/23/15	0	A
	IR-13-00016-SHT-850-A	Inspection for formwork for wall of the retaining wall from sta.3+400 to 3+410.	03/23/15	03/23/15	03/23/15	0	A
	IR-13-00016-SHT-851-A	Inspection for casting concrete for walls of A.R.V chamber at sta.8+875.	03/23/15	03/23/15	03/23/15	0	A
	IR-13-00016-SHT-852-A	Inspection for spraying RC and applying wearing course 5 cm thick from sta.7+520 to sta.7+935.	03/24/15	03/25/15	03/29/15	4	C
	IR-13-00016-SHT-853-A	Inspection for location of Halhul Reservoir Connection at Sta.11+850	03/24/15	03/24/15	03/24/15	0	A

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	IR-13-00016-SHT-854-A	Inspection for steel work & casting concrete for removable roof slab of 10" W.O chamber at sta.7+192.	03/24/15	03/24/15	03/24/15	0	A
	IR-13-00016-SHT-855-A	Inspection steel & formwork for wall of the retaining wall from sta.3+380 to sta.3+390.	03/24/15	03/25/15	03/25/15	0	A
	IR-13-00016-SHT-856-A	Inspection for formwork for walls of Halhul main connection chamber at sta.8+890 (Part A).	03/25/15	03/25/15	03/25/15	0	A
	IR-13-00016-SHT-857-A	Inspection for sub grade level & compaction from sta.7+360 to 7+500	03/25/15	03/25/15	03/25/15	0	C
	IR-13-00016-SHT-857-B	Inspection for sub grade level & compaction from sta.7+360 to 7+500	03/29/15	03/29/15	03/29/15	0	A
	IR-13-00016-SHT-858-A	Inspection for excavation for Al Nabi Younis Connection to Existing chamber at sta.0+824.	03/25/15	03/25/15	03/25/15	0	A
	IR-13-00016-SHT-859-A	Inspection for topping layer & compaction from sta.6+860 to sta.6+990.	03/25/15	03/25/15	03/25/15	0	A
	IR-13-00016-SHT-860-A	Inspection for location of 3" Indirect Karmitzur connection chamber at sta.6+240.	03/25/15	03/25/15	03/25/15	0	A
	IR-13-00016-SHT-861-A	Inspection for casting concrete for walls of Halhul main connection chamber at sta.8+890 (Part A).	03/25/15	03/25/15	03/25/15	0	A
	IR-13-00016-SHT-862-A	Inspection for casting concrete for wall of the retaining wall from sta.3+380 to sta.3+990 & from sta.3+400 to sta.3+410.	03/26/15	03/26/15	03/26/15	0	A
	IR-13-00016-SHT-863-A	Inspection for steel work & casting concrete for foundation of Halhul main connection chamber at sta.8+890 (Part B).	03/26/15	03/26/15	03/26/15	0	A
	IR-13-00016-SHT-864-A	Inspection for steel work for walls of Halhul main connection chamber at sta.8+890 (Part B).	03/29/15	03/29/15	03/29/15	0	A
	IR-13-00016-SHT-865-A	Inspection for safety measure of 4" A.R.V chamber at sta.9+680.	03/29/15	03/29/15	03/29/15	0	A
	IR-13-00016-SHT-866-A	Inspection for steel work for foundation of the Halhul reservoir main connection chamber at sta.11+900.	03/29/15	03/29/15	03/29/15	0	A
	IR-13-00016-SHT-867-A	Inspection for R.O.W & excavation work of stone wall from sta.4+740 to sta.4+800.	03/29/15	03/29/15	03/30/15	1	A
	IR-13-00016-SHT-868-A	Inspection for casting concrete for foundation of the Halhul reservoir main connection chamber at sta.11+900.	03/29/15	03/29/15	03/29/15	0	A
	IR-13-00016-SHT-869-A	Inspection sub grade level & compaction from sta.7+160 to sta.7+360 except the R.H.S from sta.7+160 to sta.7+250.	03/30/15	03/30/15	03/30/15	0	C
	IR-13-00016-SHT-870-A	Inspection for steel work for walls of the connection to existing chamber (MD-10) at sta.1+115	03/30/15	03/30/15	03/30/15	0	A
	IR-13-00016-SHT-871-A	Inspection for formwork for walls of Halhul main connection chamber at sta.8+890 (Part B).	03/30/15	03/30/15	03/30/15	0	A
	IR-13-00016-SHT-872-A	Inspection for excavation work for G.V in Biet Ummer Network at sta.0+804.36.	03/30/15	03/30/15	03/30/15	0	A
	IR-13-00016-SHT-873-A	Inspection for steel work for roof slab of Halhul main connection chamber at sta.8+890 (Part A).	03/30/15	03/30/15	03/30/15	0	A
	IR-13-00016-SHT-874-A	Inspection for start 2 cm milling for Beit Ummer main pipeline from sta.3+780 to 3+900	03/31/15	03/31/15	03/31/15	0	A
	IR-13-00016-SHT-875-A	Inspection for excavation work of 6" A.R.V chamber at sta.9+680.	03/31/15	03/31/15	03/31/15	0	A
	IR-13-00016-SHT-876-A	Inspection for topping layer & compaction from sta.7+360 to sta.7+500.	03/31/15	03/31/15	03/31/15	0	C

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	IR-13-00016-SHT-876-B	Inspection for topping layer & compaction from sta.7+360 to sta.7+500 RHS and LHS	04/06/15	04/06/15	04/06/15	0	A
	IR-13-00016-SHT-877-A	Inspection for steel work for wall of the retaining wall from sta.3+390 to sta.3+400	03/31/15	03/31/15	03/31/15	0	A
	IR-13-00016-SHT-878-A	Inspection for Steel work and casting concrete of foundation 6" A.R.V chamber at sta.9+680	03/31/15	03/31/15	03/31/15	0	A
	IR-13-00016-SHT-879-A	Inspection for casting concrete for walls of Halhul main connection chamber at sta.8+890 (Part B).	03/31/15	03/31/15	03/31/15	0	A
	IR-13-00016-SHT-880-A	Inspection for casting concrete for roof slab of Halhul main connection chamber at sta.8+890 (Part A).	03/31/15	03/31/15	03/31/15	0	A
	IR-13-00016-SHT-881-A	Inspection for up to 5 cm milling for 8" network pipeline from Sta.0+950 to Sta.2+320	03/31/15	03/31/15	03/31/15	0	A
	IR-13-00016-SHT-882-A	Inspection for Storm Water Alignment and Excavation between MH6-A at Sta.8+488.6 to MH7-A at Sta.8+531.11	04/04/15	04/04/15	04/04/15	0	A
	IR-13-00016-SHT-883-A	Inspection for formwork and casting concrete for wall at sta.1+115 - Shahera Network	04/04/15	04/04/15	04/04/15	0	A
	IR-13-00016-SHT-884-A	Inspection for steel work for Wall of Halhul reservoir main connection chamber at sta.11+900	04/04/15	04/04/15	04/04/15	0	A
	IR-13-00016-SHT-885-A	Inspection for steel work for Wall from Sta.3+410 to Sta.3+420	04/05/15	04/04/15	04/05/15	1	A
	IR-13-00016-SHT-886-A	Inspection for casting concrete for blinding of the retaining wall from sta.3+150 to 3+205	04/05/15	04/05/15	04/05/15	0	A
	IR-13-00016-SHT-887-A	Inspection for Installation of storm water before backfill from St. 8+565 to St. 8+480	04/05/15	04/05/15	04/05/15	0	A
	IR-13-00016-SHT-888-A	Inspection for safety measures for Connection to Existing Chamber for Zaboud at Sta.1+145	04/05/15	04/05/15	04/05/15	0	A
	IR-13-00016-SHT-889-A	Inspection for spraying tack coat and applying overlay Asphalt wearing course 5 cm thick from St. 2+250 to St. 1+750 - Beit Ummar Network -Safa	04/05/15	04/05/15	04/05/15	0	A
	IR-13-00016-SHT-890-A	Inspection for Steel fixing for roof slab at Sta.1+115 - Shahera Network	04/06/15	04/06/15	04/06/15	0	A
	IR-13-00016-SHT-891-A	Inspection for Steel fixing for Wall of ARV chamber at sta.9+680	04/06/15	04/06/15	04/06/15	0	A
	IR-13-00016-SHT-892-A	Inspection for Excavation of Connection to Existing Chamber for Zaboud at Sta.1+145	04/06/15	04/06/15	04/06/15	0	C
	IR-13-00016-SHT-892-B	Inspection for Excavation of Connection to Existing Chamber for Zaboud at Sta.1+145	05/05/15	05/05/15	05/05/15	0	A
	IR-13-00016-SHT-893-A	Inspection for Base course first Layer from Sta.6+850 to Sta.7+100 LHS	04/06/15	04/06/15	04/06/15	0	A
	IR-13-00016-SHT-894-A	Inspection for Steel fixing for roof slab of Halhul connection chamber at sta.8+890 (Part B)	04/06/15	04/06/15	04/06/15	0	A

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	IR-13-00016-SHT-895-A	Inspection for spraying tack coat and applying overlay Asphalt wearing course 5 cm thick from St. 1+750 to St. 0+950 -Beit Ummar Network -Safa	04/06/15	04/06/15	04/06/15	0	A
	IR-13-00016-SHT-896-A	Inspection for Topping Layer from Sta.7+300 to Sta.7+360 RHS and LHS	04/07/15	04/07/15	04/07/15	0	A
	IR-13-00016-SHT-897-A	Inspection for ROW and excavation of Stone Wall from Sta.5+330 to Sta.5+400	04/07/15	04/07/15	04/07/15	0	A
	IR-13-00016-SHT-898-A	Inspection sub grade level & compaction from sta.7+250 to sta.7+360	04/07/15	04/07/15	04/07/15	0	A
	IR-13-00016-SHT-899-A	Inspection for final formwork for Retaining Wall from Sta.3+390 to Sta.3+400	04/08/15	04/08/15	04/08/15	0	A
	IR-13-00016-SHT-900-A	Inspection for final formwork for Retaining Wall from Sta.3+410 to Sta.3+420	04/08/15	04/08/15	04/08/15	0	A
	IR-13-00016-SHT-901-A	Inspection for Safety of Halhul Reservoir Connection at Sta.11+850	04/08/15	04/08/15	04/08/15	0	C
	IR-13-00016-SHT-901-B	Inspection for Safety of Halhul Reservoir Connection at Sta.11+850	04/14/15	04/14/15	04/14/15	0	A
	IR-13-00016-SHT-902-A	Inspection for location of 4" Gate Valve chamber at Sta.6+822	04/08/15	04/08/15	04/08/15	0	A
	IR-13-00016-SHT-903-A	Inspection for excavation of Al Nabi Younes Connection to Existing at Sta.0+000	04/08/15	04/08/15	04/08/15	0	A
	IR-13-00016-SHT-904-A	Inspection for Base course first Layer from Sta.6+850 to Sta.7+120 RHS	04/08/15	04/08/15	04/08/15	0	A
	IR-13-00016-SHT-905-A	Inspection for spraying tack coat and applying overlay Asphalt wearing course 5 cm thick from St. 0+070 to St. 0+790 -Beit Ummar Network	04/08/15	04/08/15	04/08/15	0	A
	IR-13-00016-SHT-906-A	Inspection for casting concrete for Retaining Wall from Sta.3+390 to Sta.3+400	04/08/15	04/08/15	04/08/15	0	A
	IR-13-00016-SHT-907-A	Inspection for casting concrete for Retaining Wall from Sta.3+410 to Sta.3+3+420	04/08/15	04/08/15	04/08/15	0	A
	IR-13-00016-SHT-908-A	Inspection for Sub grade level & compaction from sta.7+160 to sta.7+200.	04/09/15	04/09/15	04/09/15	0	A
	IR-13-00016-SHT-909-A	Inspection for formwork & casting concrete for Halhul reservoir main connection chamber at sta.11+900.	04/12/15	04/12/15	04/12/15	0	A
	IR-13-00016-SHT-910-A	Inspection for insulation work for walls, foundation & roof slab of connection to existing chamber at sta.1+115	04/14/15	04/14/15	04/14/15	0	A
	IR-13-00016-SHT-911-A	Inspection for Steel fixing for roof slab of ARV chamber at sta.9+680	04/14/15	04/14/15	04/14/15	0	A
	IR-13-00016-SHT-912-A	Inspection for steel fixing for foundation of the retaining wall from sta.3+150 to sta.3+200.	04/15/15	04/15/15	04/15/15	0	A
	IR-13-00016-SHT-913-A	Inspection for excavtion and steel fixing for base slab of Halhul Reservoir Connection at Sta.11+850	04/15/15	04/15/15	04/15/15	0	A
	IR-13-00016-SHT-914-A	Inspection for backfill 1st layer selected material - Retaining wall from sta.4+420 to sta.4+440.	04/15/15	04/15/15	04/15/15	0	A
	IR-13-00016-SHT-915-A	Inspection for casting concrete for foundation of Halhul Reservoir Connection at Sta.11+850	04/15/15	04/16/15	04/16/15	0	A
	IR-13-00016-SHT-916-A	Inspection for casting concrete for foundation of the retaining wall from sta.3+150 to sta.3+200.	04/15/15	04/15/15	04/15/15	0	A
	IR-13-00016-SHT-917-A	Inspection for ROW and excavation of Stone Wall from Sta.5+400 to Sta.5+500 L.H.S.	04/19/15	04/19/15	04/19/15	0	A
	IR-13-00016-SHT-918-A	Inspection for safety measure & coordinates of edge of the wall from sta.3+340 to sta.3+380 RHS before start excavation.	04/19/15	04/19/15	04/19/15	0	A
	IR-13-00016-SHT-919-A	Inspection for alignment for 3" pipeline at Beit Ummer site before start digging from sta.3+906 to sta.4+370.	04/19/15	04/19/15	04/19/15	0	A

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	IR-13-00016-SHT-920-A	Inspection for steel work for foundation of Al Nabi Younes Connection to Existing at Sta.0+000.	04/19/15	04/19/15	04/19/15	0	A
	IR-13-00016-SHT-921-A	Inspection for traffic plan for Detour from sta.10+965 to sta.11+600.	04/19/15	04/19/15	04/19/15	0	A
	IR-13-00016-SHT-922-A	Inspection for steel work for walls of Halhul Reservoir Connection at Sta.11+850	04/19/15	04/19/15	04/19/15	0	A
	IR-13-00016-SHT-923-A	Inspection for base course 1st layer from sta.7+320 to sta.7+500 RHS.	04/20/15	04/20/15	04/20/15	0	A
	IR-13-00016-SHT-924-A	Inspection for safety measure of 6" Indirect A.R.V chamber at sta.8+400.	04/20/15	04/20/15	04/20/15	0	C
	IR-13-00016-SHT-924-B	Inspection for safety measure of 6" Indirect A.R.V chamber at sta.8+400.	04/22/15	04/22/15	04/22/15	0	A
	IR-13-00016-SHT-925-A	Inspection for safety measure of 3" Indirect Karmitzur connection chamber at sta.6+240.	04/20/15	04/20/15	04/20/15	0	C
	IR-13-00016-SHT-925-B	Inspection for safety measure of 3" Indirect Karmitzur connection chamber at sta.6+240.	04/22/15	04/22/15	04/22/15	0	A
	IR-13-00016-SHT-926-A	Inspection for base course 1st layer from sta.7+320 to sta.7+500 LHS.	04/20/15	04/20/15	04/20/15	0	A
	IR-13-00016-SHT-927-A	Inspection for topping layer & compaction from sta.7+160 to sta.7+200.	04/21/15	04/21/15	04/21/15	0	C
	IR-13-00016-SHT-927-B	Inspection for topping layer & compaction from sta.7+160 to sta.7+200.	04/26/15	04/26/15	04/26/15	0	A
	IR-13-00016-SHT-928-A	Inspection for steel fixing for wall of the retaining wall from sta.3+170 to sta.3+180 & from sta.3+190 to sta.3+205.	04/21/15	04/21/15	04/21/15	0	A
	IR-13-00016-SHT-929-A	Inspection for insulation works for the retaining wall before start backfilling from sta.3+380 to sta.3+460.	04/21/15	04/21/15	04/21/15	0	C
	IR-13-00016-SHT-930-A	Inspection for formwork for walls of Halhul Reservoir Connection at Sta.11+850	04/22/15	04/22/15	04/22/15	0	A
	IR-13-00016-SHT-931-A	Inspection for excavation work of 6" Indirect A.R.V chamber at sta.8+400 & 3" indirect Karmitzur connection chamber at sta.6+240.	04/22/15	04/22/15	04/22/15	0	A
	IR-13-00016-SHT-932-A	Inspection for spraying Tack Coat And applying first layer of Asphalt wearing course 5 cm thick from sta.3+780 to sta.3+900.	04/22/15	04/22/15	04/22/15	0	A
	IR-13-00016-SHT-933-A	Inspection for steel fixing & casting concrete for foundation of 6" Indirect A.R.V chamber at sta.8+400.	04/22/15	04/22/15	04/22/15	0	A
	IR-13-00016-SHT-934-A	Inspection for steel fixing & casting concrete for foundation of 3" Indirect Karmitzur connection chamber at sta.6+240.	04/22/15	04/22/15	04/22/15	0	A
	IR-13-00016-SHT-935-A	Inspection for base course 1st layer & compaction from sta.7+140 to sta.7+180 LHS.	04/26/15	04/26/15	04/26/15	0	A
	IR-13-00016-SHT-936-A	Inspection for steel fixing & casting concrete for walls of 6" Indirect A.R.V chamber at sta.8+400.	04/26/15	04/26/15	04/26/15	0	A
	IR-13-00016-SHT-937-A	Inspection for steel fixing for walls of 3" Indirect Karmitzur connection chamber at sta.6+240.	04/26/15	04/26/15	04/26/15	0	A
	IR-13-00016-SHT-938-A	Inspection for formwork & casting concrete for wall of the retaining wall from sta.3+170 to sta.3+180 & from sta.3+190 to sta.3+205.	04/26/15	04/26/15	04/26/15	0	A
	IR-13-00016-SHT-939-A	Inspection for base course 1st layer & compaction from sta.7+140 to sta.7+180 RHS.	04/27/15	04/27/15	04/27/15	0	A
	IR-13-00016-SHT-940-A	Inspection for formwork & casting concrete for walls of 3" Indirect Karmitzur connection chamber at sta.6+240.	04/27/15	04/27/15	04/27/15	0	A

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	IR-13-00016-SHT-941-A	Inspection for steel left for roof slab of Halhul resirvoir main connection chamber at sta.11+900.	04/28/15	04/28/15	04/28/15	0	A
	IR-13-00016-SHT-942-A	Inspection for steel fixing for wall of the retaining wall from sta.3+150 to sta.3+160.	04/28/15	04/28/15	04/28/15	0	A
	IR-13-00016-SHT-943-A	Inspection for location of 6" Indirect A.R.V chamber at Sta.10+460.	04/28/15	04/28/15	04/28/15	0	A
	IR-13-00016-SHT-944-A	Inspection for location of 10" direct W.O chamber at Sta.10+600.	04/28/15	04/28/15	04/28/15	0	A
	IR-13-00016-SHT-945-A	Inspection for location of W.O (C-903) chamber at sta.0+557.	04/28/15	04/28/15	04/28/15	0	A
	IR-13-00016-SHT-946-A	Inspection for location of 3" Indirect A.R.V chamber at Sta.9+240.	04/28/15	04/28/15	04/28/15	0	A
	IR-13-00016-SHT-947-A	Inspection for steel work & casting concrete for foundation of the retaining wall from sta.3+460 to sta.3+480.	04/28/15	04/28/15	04/28/15	0	A
	IR-13-00016-SHT-948-A	Inspection for steel work for roof slab of 3" Indirect Karmitzur connection chamber at sta.6+240.	04/29/15	04/29/15	04/29/15	0	A
	IR-13-00016-SHT-949-A	Inspection for steel work for wall of the retaining wall from sta.3+180 to sta.3+190.	04/29/15	04/29/15	04/29/15	0	A
	IR-13-00016-SHT-950-A	Inspection for steel work for fixed roof slab of Halhul Reservoir Connection at Sta.11+850	04/29/15	04/29/15	04/29/15	0	A
	IR-13-00016-SHT-951-A	Inspection for sub grade level & compaction from sta.7+200 to sta.7+250	04/29/15	04/29/15	04/29/15	0	A
	IR-13-00016-SHT-952-A	Inspection for formwork & casting concrete for wall of the retaining wall from sta.3+150 to sta.3+160 & from sta.3+180 to sta.3+190.	05/02/15	05/02/15	05/02/15	0	A
	IR-13-00016-SHT-953-A	Inspection for topping layer & compaction from sta.7+200 to sta.7+250.	05/02/15	05/02/15	05/02/15	0	A
	IR-13-00016-SHT-954-A	Inspection for steel work for removable roof slab of Halhul Reservoir Connection at Sta.11+850	05/03/15	05/03/15	05/03/15	0	A
	IR-13-00016-SHT-955-A	Inspection for flushing for Al Aroub network 6" from sta.0+000 to sta.0+580 & 4" from sta.0+000 to sta.1+011.	05/03/15	05/03/15	05/03/15	0	A
	IR-13-00016-SHT-956-A	Inspection for steel work for wall of the retaining wall from sta.3+160 to sta.3+170.	05/04/15	05/04/15	05/04/15	0	A
	IR-13-00016-SHT-957-A	Inspection for steel work for wall of the retaining wall from sta.3+460 to sta.3+480.	05/04/15	05/04/15	05/04/15	0	A
	IR-13-00016-SHT-958-A	Inspection for rehabilitation existing base course layer from sta.9+720 to sta.10+400.	05/04/15	05/04/15	05/04/15	0	C
	IR-13-00016-SHT-958-B	Inspection for rehabilitation existing base course layer from sta.9+720 to sta.10+400.	05/11/15	05/12/15	05/12/15	0	C
	IR-13-00016-SHT-958-C	Inspection for rehabilitation existing base course layer from sta.9+720 to sta.10+400 except area from sta.9+900 to sta.10+000.	05/13/15	05/13/15	05/13/15	0	A
	IR-13-00016-SHT-959-A	Inspection for topping layer from sta.7+250 to 7+300 LHS	05/05/15	05/05/15	05/05/15	0	A
	IR-13-00016-SHT-960-A	Inspection for steel work for foundation of Connection to Existing Chamber for Zaboud at Sta.1+145	05/05/15	05/05/15	05/05/15	0	A
	IR-13-00016-SHT-961-A	Inspection for formwork & casting concrete for wall of the retaining wall from sta.3+160 to sta.3+170.	05/05/15	05/05/15	05/05/15	0	A
	IR-13-00016-SHT-962-A	Inspection for steel work & casting concrete for foundation of the retaining wall 3+350 to sta.3+380.	05/05/15	05/05/15	05/05/15	0	A
	IR-13-00016-SHT-963-A	Inspection for steel & casting for walls of Connection to Existing Chamber for Zaboud at Sta.1+145	05/06/15	05/06/15	05/06/15	0	A
	IR-13-00016-SHT-964-A	Inspection for formwork for wall of the retaining wall from sta.3+460 to sta.3+480.	05/06/15	05/06/15	05/06/15	0	A

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	IR-13-00016-SHT-965-A	Inspection for stone wall from sta.5+330 to sta.5+400 RHS, sta.5+330 to sta.5+300 LHS & sta.4+640 to sta.4+900 RHS Before casting concrete.	05/06/15	05/06/15	05/06/15	0	C
	IR-13-00016-SHT-966-A	Inspection for steel work for foundation of the retaining wall 3+295 to sta.3+350.	05/06/15	05/07/15	05/07/15	0	A
	IR-13-00016-SHT-967-A	Inspection to closing of Environmental Checklist for November, 2014	05/06/15	05/07/15	05/07/15	0	A
	IR-13-00016-SHT-968-A	Inspection to closing of Environmental Checklist for December, 2014	05/06/15	05/07/15	05/07/15	0	A
	IR-13-00016-SHT-969-A	Inspection to closing of Environmental Checklist for January, 2015	05/06/15	05/07/15	05/07/15	0	A
	IR-13-00016-SHT-970-A	Inspection for spraying Tack Coat And applying overlay of Asphalt wearing course 5 cm thick from sta.2+780 to sta.3+040.	05/07/15	05/09/15	05/09/15	0	C
	IR-13-00016-SHT-970-B	Inspection for spraying Tack Coat And applying overlay of Asphalt wearing course 5 cm thick from sta.2+780 to sta.3+030.	05/11/15	05/12/15	05/12/15	0	A
	IR-13-00016-SHT-971-A	Inspection for spraying Tack Coat And applying overlay of Asphalt wearing course 5 cm thick from sta.0+011 to sta.0+070.	05/07/15	05/09/15	05/09/15	0	C
	IR-13-00016-SHT-972-A	Inspection for base course works above the trench along 30" main pipeline from sta.9+520 to sta.9+680 except location of W.O chamber at sta.9+600.	05/07/15	05/09/15	05/09/15	0	A
	IR-13-00016-SHT-973-A	Inspection for base course layer from sta.7+180 to sta.7+320 LHS except location of Outfall at sta.7+220.	05/07/15	05/07/15	05/07/15	0	A
	IR-13-00016-SHT-974-A	Inspection for steel works for roof slab of Connection to Existing Chamber for Zaboud at Sta.1+145	05/07/15	05/07/15	05/07/15	0	A
	IR-13-00016-SHT-975-A	Inspection to closing of Environmental Checklist for February, 2015	05/07/15	05/07/15	05/07/15	0	A
	IR-13-00016-SHT-976-A	Drainage filters (Using single size) at following Sta.9+920, Sta.9+970 & Sta.10+070	05/07/15	05/07/15	05/07/15	0	C
	IR-13-00016-SHT-977-A	Inspection for excavation of 6" Indirect A.R.V chamber at Sta.10+460.	05/07/15	05/07/15	05/07/15	0	A
	IR-13-00016-SHT-978-A	Inspection for steel work & casting concrete for foundation of 6" Indirect A.R.V chamber at Sta.10+460.	05/09/15	05/09/15	05/09/15	0	A
	IR-13-00016-SHT-979-A	Inspection for steel work for wall of the retaining wall from sta.3+330 to sta.3+340	05/10/15	05/10/15	05/10/15	0	A
	IR-13-00016-SHT-980-A	Inspection for steel work for walls of 6" Indirect A.R.V chamber at Sta.10+460.	05/10/15	05/10/15	05/10/15	0	A
	IR-13-00016-SHT-981-A	Inspection for formwork & casting concrete for wall of the retaining wall from sta.3+350 to sta.3+360 & from sta.3+370 to sta.3+380.	05/10/15	05/10/15	05/10/15	0	A
	IR-13-00016-SHT-982-A	Inspection to closing of Environmental Checklist for March, 2015	05/11/15	05/11/15	05/11/15	0	A
	IR-13-00016-SHT-983-A	Inspection for base course 1st layer 7+180 to sta.7+240 RHS	05/11/15	05/11/15	05/11/15	0	A
	IR-13-00016-SHT-984-A	Inspection for sub grade layer for simple access from sta.7+220 to sta.7+240.	05/11/15	05/11/15	05/11/15	0	A
	IR-13-00016-SHT-985-A	Inspection for start milling works along 30" main pipeline from sta.9+180 to sta.9+400.	05/11/15	05/11/15	05/11/15	0	A
	IR-13-00016-SHT-986-A	Inspection for formwork & casting concrete for walls of 6" Indirect A.R.V chamber at Sta.10+460.	05/11/15	05/11/15	05/11/15	0	A
	IR-13-00016-SHT-987-A	Inspection for formwork & casting concrete for wall of the retaining wall from sta.3+330 to sta.3+340	05/11/15	05/11/15	05/11/15	0	A
	IR-13-00016-SHT-988-A	Inspection for installation of curbstone from sta. 7+340 to sta.7+515 Median & L.H.S.	05/11/15	05/12/15	05/12/15	0	C
	IR-13-00016-SHT-988-B	Inspection for installation of curbstone from sta. 7+340 to sta.7+515 Median & L.H.S.	05/21/15	05/21/15	05/21/15	0	A

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	IR-13-00016-SHT-989-A	Inspection for start milling works along 30" main pipeline from sta.9+520 to sta.9+680.	05/12/15	05/12/15	05/12/15	0	A
	IR-13-00016-SHT-990-A	Inspection for start Asphalt leveling course from sta.9+180 to sta.9+416.	05/12/15	05/12/15	05/12/15	0	A
	IR-13-00016-SHT-991-A	Inspection for sub grade and compaction for side walk from sta.7+330 to sta.7+420 LHS & from sta.7+440 to sta.7+515 LHS.	05/12/15	05/12/15	05/12/15	0	C
	IR-13-00016-SHT-991-B	Inspection for sub grade and compaction for side walk from sta.7+330 to sta.7+420 LHS & from sta.7+440 to sta.7+515 LHS.	05/24/15	05/24/15	05/24/15	0	A
	IR-13-00016-SHT-992-A	Inspection for base course layer from sta.10+000 to sta.10+400.	05/12/15	05/13/15	05/13/15	0	C
	IR-13-00016-SHT-993-A	Inspection for base course layer from sta.9+680 to sta.9+900.	05/12/15	05/13/15	05/13/15	0	C
	IR-13-00016-SHT-993-B	Inspection for base course layer from sta.9+680 to sta.9+900 except location of municipality water line connection at sta.9+680.	06/24/15	06/24/15	06/25/15	1	A
	IR-13-00016-SHT-994-A	Inspection for flushing for Beit Ummer Network 3" from sta.3+515 to sta.3+775	05/12/15	05/12/15	05/12/15	0	A
	IR-13-00016-SHT-995-A	Inspection for pressure test for Beit Ummer Network 3" from sta.3+515 to sta.3+775	05/12/15	05/12/15	05/12/15	0	A
	IR-13-00016-SHT-996-A	Inspection for casting blinding concrete for the retaining wall from sta.3+280 to sta.3+295.	05/12/15	05/12/15	05/12/15		A
	IR-13-00016-SHT-997-A	Inspection for rehabilitation existing base course layer from sta.10+500 to sta.10+900 except location of chamber from sta.10+590 to 10+610.	05/13/15	05/13/15	05/13/15	0	A
	IR-13-00016-SHT-998-A	Inspection for steel works for roof slab of 6" Indirect A.R.V chamber at Sta.10+460.	05/13/15	05/13/15	05/13/15	0	A
	IR-13-00016-SHT-999-A	Inspection for steel work for wall of the retaining wall from sta.3+320 to sta.3+330, from sta.3+340 to sta.3+350 & from sta.3+360 to sta.3+370.	05/13/15	05/13/15	05/13/15	0	A
	IR-13-00016-SHT-1000-A	Inspection for pressure test for Al Aroub network 6" from sta.0+000 to sta.0+580 & 4" from sta.0+204 to sta.1+218.	05/13/15	05/13/15	05/13/15	0	A
	IR-13-00016-SHT-1001-A	Inspection for flushing & pressure test for 8"Beit Ummer Safa Network from sta.0+000 to sta.2+343.	05/13/15	05/13/15	05/13/15	0	A
	IR-13-00016-SHT-1002-A	Inspection for flushing & pressure test for 3" Beit Ummer Network from sta.3+906 to sta.4+340.	05/14/15	05/14/15	05/14/15	0	A
	IR-13-00016-SHT-1003-A	Inspection for handing over base course layer from sta. 9+440 to 9+520.	05/14/15	05/14/15	05/14/15	0	A
	IR-13-00016-SHT-1004-A	Inspection for flushing & pressure test for 8"Common with 30" from sta.3+500 to sta3+780.	05/14/15	05/14/15	05/14/15	0	A
	IR-13-00016-SHT-1005-A	Inspection for asphalt leveling along 30" main pipeline from sta.9+180 to sta.9+416 L.H.S & from sta.9+520 to sta.9+680.	05/14/15	05/14/15	05/14/15	0	A
	IR-13-00016-SHT-1006-A	Inspection for spraying Tack Coat And applying overlay of Asphalt wearing course 5 cm thick from sta.9+180 to sta.9+416 L.H.S & R.H.S.	05/14/15	05/14/15	05/14/15	0	A
	IR-13-00016-SHT-1007-A	Inspection for sub grade and compaction for side walk from sta.7+250 to sta.7+330 LHS.	05/17/15	05/17/15	05/17/15	0	C

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	IR-13-00016-SHT-1007-B	Inspection for sub grade and compaction for side walk from sta.7+250 to sta.7+330 LHS.	05/24/15	05/24/15	05/24/15	0	A
	IR-13-00016-SHT-1008-A	Inspection for steel & casting concrete for foundation of the retaining wall from sta.3+280 to sta.3+295.	05/17/15	05/17/15	05/17/15	0	A
	IR-13-00016-SHT-1009-A	Inspection for formwork & casting concrete for wall of the retaining wall from sta.3+320 to sta.3+330, sta.3+340 to sta.3+350 & 3+360 to sta.3+370.	05/17/15	05/17/15	05/17/15	0	A
	IR-13-00016-SHT-1010-A	Inspection for spraying RC (from sta.9+416 to sta.9+440 & from sta.9+520 to sta.9+650), MC (From sta.9+440 to sta.9+520). Then applying overlay of Asphalt wearing course 5 cm thick from sta.9+416 to sta.9+650.	05/18/15	05/18/15	05/18/15	0	A
	IR-13-00016-SHT-1011-A	Inspection for installation of the curbstone from sta.7+180 to sta.7+340 LHS	05/18/15	05/18/15	05/18/15	0	C
	IR-13-00016-SHT-1012-A	Inspection for base course layer from sta.10+620 to sta.10+860.	05/19/15	05/19/15	05/19/15	0	C
	IR-13-00016-SHT-1012-B	Inspection for base course layer from sta.10+620 to sta.10+860.	05/21/15	05/21/15	05/21/15	0	A
	IR-13-00016-SHT-1013-A	Inspection for insulation works for the W.O (Precast) chamber at sta.0+557.	05/19/15	05/19/15	05/19/15	0	A
	IR-13-00016-SHT-1014-A	Inspection for steel work for wall of the retaining wall from sta.3+280 to sta.3+290 & from sta.3+300 to sta.3+310	05/19/15	05/19/15	05/19/15	0	A
	IR-13-00016-SHT-1015-A	Inspection for sub grade level & compaction from sta.3+970 to sta.4+020	05/20/15	05/20/15	05/20/15	0	A
	IR-13-00016-SHT-1016-A	Inspection for base course & compaction from sta.3+950 to sta.4+300	05/20/15	05/20/15	05/20/15	0	C
	IR-13-00016-SHT-1016-B	Inspection for base course & compaction from sta.3+950 to sta.4+300	05/23/15	05/23/15	05/23/15	0	C
	IR-13-00016-SHT-1017-A	Inspection for installation of the curbstone from sta.7+100 to sta.7+180 LHS & from sta.6+980 to sta.7+180 RHS	05/20/15	05/20/15	05/20/15	0	A
	IR-13-00016-SHT-1018-A	Inspection for asphalt trench reinstatements for the following locations: Safa Roundabout from sta.3+290 to sta.3+320 , road crossing at Mosque area at sta.1+227 & Ein road from sta.0+788 to sta.0+804.	05/20/15	05/20/15	05/20/15	0	A
	IR-13-00016-SHT-1019-A	Inspection for base course side walk from sta.7+290 to sta.7+340 LHS & from sta.7+450 to sta.7+515 LHS.	05/20/15	05/20/15	05/20/15	0	A
	IR-13-00016-SHT-1020-A	Inspection for formwork & casting concrete for wall of the retaining wall from sta.3+310 to sta.3+320.	05/20/15	05/20/15	05/20/15	0	A
	IR-13-00016-SHT-1021-A	Inspection for topping layer & compaction from sta.7+250 to sta.7+320 RHS	05/21/15	05/21/15	05/21/15	0	A
	IR-13-00016-SHT-1022-A	Inspection for formwork & casting concrete for wall of the retaining wall from sta.3+290 to sta.3+300.	05/21/15	05/21/15	05/21/15	0	A
	IR-13-00016-SHT-1023-A	Inspection for sub grade & compaction for side walk from sta.6+980 to sta.7+140 RHS except location of electrical pole from sta.7+005 to sta.7+010	05/21/15	05/21/15	05/21/15	0	A
	IR-13-00016-SHT-1024-A	Inspection for sub grade for side walk from sta.7+120 to sta.7+250 LHS.	05/24/15	05/24/15	05/24/15	0	A
	IR-13-00016-SHT-1025-A	Inspection for rehabilitation existing base course layer from sta.10+420 to sta.10+520.	05/23/15	05/23/15	05/23/15	0	A
	IR-13-00016-SHT-1026-A	Inspection for Safety measure & excavation for 10" direct W.O chamber at Sta.10+600.	05/23/15	05/23/15	05/23/15	0	A
	IR-13-00016-SHT-1027-A	Inspection for Spraying Prime Coat application from sta.3+960 to sta.4+300.	05/24/15	05/26/15	05/26/15	0	C

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	IR-13-00016-SHT-1028-A	Inspection for formwork & steel for foundation of 10" direct W.O chamber at Sta.10+600.	05/24/15	05/24/15	05/24/15	0	A
	IR-13-00016-SHT-1029-A	Inspection for spraying tack coat and applying overlay Asphalt wearing course 5 cm thick from sta.8+600 to sta.9+027 RHS - Halhul site	05/25/15	05/25/15	05/28/15	3	C
	IR-13-00016-SHT-1030-A	Inspection for base course layer from sta.10+400 to sta.10+580.	05/25/15	05/25/15	05/25/15	0	C
	IR-13-00016-SHT-1031-A	Inspection for base course 2nd layer from sta.6+850 to sta.7+090	05/25/15	05/25/15	05/26/15	1	A
	IR-13-00016-SHT-1032-A	Inspection for spraying MC And applying first layer of Asphalt wearing course 5 cm thick from sta.6+850 to sta.7+090	05/25/15	05/26/15	05/26/15	0	A
	IR-13-00016-SHT-1033-A	Inspection for steel reinforcement for side walk from sta.7+290 to sta.7+340 LHS & from sta.7+450 to sta.7+515 LHS before casting concrete.	05/26/15	05/26/15	05/26/15	0	A
	IR-13-00016-SHT-1034-A	Inspection for base course layer for side walk from sta.6+980 to sta.7+140 RHS	05/26/15	05/26/15	05/26/15	0	A
	IR-13-00016-SHT-1035-A	Inspection for sub grade layer from sta.3+060 to sta.3+220	05/26/15	05/26/15	05/27/15	1	A
	IR-13-00016-SHT-1036-A	Inspection for traffic plan & safety measure, From st.8+230 to sta.8+600 before start excavation.	05/26/15	05/26/15	05/26/15	0	A
	IR-13-00016-SHT-1037-A	Inspection for casting concrete for side walk from sta.7+320 to sta.7+380 LHS & from sta.7+450 to sta.7+500 LHS.	05/26/15	05/26/15	05/26/15	0	A
	IR-13-00016-SHT-1038-A	Inspection for base course layer for side walk from sta.7+120 to sta.7+290 L.H.S.	05/27/15	05/27/15	05/27/15	0	A
	IR-13-00016-SHT-1039-A	Inspection for steel reinforcement for side walk from sta.7+030 to sta.7+140 R.H.S.	05/27/15	05/27/15	05/27/15	0	A
	IR-13-00016-SHT-1040-A	Inspection for base course layer for side walk from sta.7+380 to sta.7+420 LHS.	05/27/15	05/27/15	05/27/15	0	A
	IR-13-00016-SHT-1041-A	Inspection for Safety measure for direct W.O chamber at sta.5+894.	05/27/15	05/27/15	05/27/15	0	A
	IR-13-00016-SHT-1042-A	Inspection for steel & casting concrete for foundation of direct W.O chamber at sta.5+894.	05/27/15	05/27/15	05/27/15	0	A
	IR-13-00016-SHT-1043-A	Inspection for base course 1st layer from sta.7+240 to sta.7+320 RHS.	05/28/15	05/28/15	05/28/15	0	A
	IR-13-00016-SHT-1044-A	Inspection for base course 2nd layer from sta.7+320 to sta.7+515 LHS.	05/28/15	05/30/15	05/30/15	0	C
	IR-13-00016-SHT-1045-A	Inspection for disinfection for Biet Ummer 3" pipeline from sta.3+900 to sta.4+340	05/28/15	05/28/15	05/28/15	0	A
	IR-13-00016-SHT-1046-A	Inspection for disinfection for Biet Ummer 3" pipeline from sta.3+515 to sta.3+775	05/30/15	05/30/15	05/30/15	0	A
	IR-13-00016-SHT-1047-A	Inspection for base course 2nd layer from sta.7+090 to sta.7+320 LHS	05/31/15	05/31/15	06/01/15	1	C
	IR-13-00016-SHT-1048-A	Inspection for spraying MC And applying first layer of Asphalt wearing course 5 cm thick from sta.7+090 to sta.7+515	05/31/15	05/31/15	06/01/15	1	A
	IR-13-00016-SHT-1049-A	Inspection for backfill work for connection to existing chamber at sta.1+115- Shahera Network.	05/31/15	05/31/15	06/01/15	1	A
	IR-13-00016-SHT-1050-A	Inspection for excavation of the gravity wall from sta.3+537 to sta.3+555 LHS	06/01/15	06/01/15	06/01/15	0	A
	IR-13-00016-SHT-1051-A	Inspection for sub grade level & compaction from sta.8+270 to sta.8+570.	06/01/15	06/01/15	06/01/15	0	A
	IR-13-00016-SHT-1052-A	Inspection for flushing & pressure test for 4" & 6"Common with 30" from sta.6+820 to sta.8+400.	06/01/15	06/01/15	06/01/15	0	A
	IR-13-00016-SHT-1053-A	Inspection for location of Indirect A.R.V chamber at Sta.11+210.	06/03/15	06/03/15	06/03/15	0	A
	IR-13-00016-SHT-1054-A	Inspection for location of Indirect W.O chamber at Sta.11+390.	06/03/15	06/03/15	06/03/15	0	A
	IR-13-00016-SHT-1055-A	Inspection for base course of median Island from sta.7+140 to sta.7+515.	06/03/15	06/03/15	06/03/15	0	C

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	IR-13-00016-SHT-1055-B	Inspection for base course of median Island from sta.7+090 to sta.7+515.	06/06/15	06/06/15	06/06/15	0	A
	IR-13-00016-SHT-1056-A	Inspection for steel work & formwork for walls of Al Nabi Younes Connection to Existing at Sta.0+000.	06/03/15	06/03/15	06/03/15	0	A
	IR-13-00016-SHT-1057-A	Inspection levels and compaction for 20cm base course over 30" pipeline trench and rehabilitation of existing base course from sta.10+960 to sta. 11+180	06/03/15	06/03/15	06/03/15	0	C
	IR-13-00016-SHT-1058-A	Inspection for excavation of Indirect W.O chamber at Sta.11+390.	06/04/15	06/04/15	06/04/15	0	A
	IR-13-00016-SHT-1059-A	Inspection for steel work for median island from sta.7+090 to sta.7+515 befor casting concrete.	06/06/15	06/06/15	06/06/15	0	A
	IR-13-00016-SHT-1060-A	Inspection for sub grade of the side walk from sta.7+300 to 7+400 RHS.	06/06/15	06/06/15	06/06/15	0	A
	IR-13-00016-SHT-1061-A	Inspection for installation of the curbstone from sta.7+190 to sta.7+470 RHS.	06/06/15	06/06/15	06/06/15	0	A
	IR-13-00016-SHT-1062-A	Inspection for excavation & installation for precast A.R.V chamber at sta.6+060.	06/07/15	06/07/15	06/07/15	0	A
	IR-13-00016-SHT-1063-A	Inspection for Base course 1st layer from sta.8+270 to sta.8+570.	06/08/15	06/08/15	06/08/15	0	A
	IR-13-00016-SHT-1064-A	Inspection for sub grade of side walk from sta.7+210 to sta.7+300 RHS.	06/08/15	06/08/15	06/08/15	0	A
	IR-13-00016-SHT-1065-A	Inspection for steel works for walls of 10" direct W.O chamber at Sta.10+600.	06/08/15	06/08/15	06/08/15	0	A
	IR-13-00016-SHT-1066-A	Inspection for casting concrete for gravity wall from sta.3+537 to sta.3+555	06/08/15	06/08/15	06/08/15	0	A
	IR-13-00016-SHT-1067-A	Inspection for base course of side walk from sta.7+300 to sta.7+400 RHS.	06/08/15	06/08/15	06/08/15	0	A
	IR-13-00016-SHT-1068-A	Inspection for sub grade & level from sta.3+220 to sta.3+440.	06/08/15	06/08/15	06/08/15	0	A
	IR-13-00016-SHT-1069-A	Inspection for casting concrete for median island from sta.7+090 to sta.7+515 & Side walk from sta.7+300 to sta.7+400 RHS.	06/09/15	06/09/15	06/09/15	0	A
	IR-13-00016-SHT-1070-A	Inspection for casting concrete for walls of 10" direct W.O chamber at Sta.10+600.	06/09/15	06/09/15	06/09/15	0	A
	IR-13-00016-SHT-1071-A	Inspection for safety measure & excavation of Indirect A.R.V chamber at Sta.11+210.	06/09/15	06/09/15	06/09/15	0	A
	IR-13-00016-SHT-1072-A	Inspection for steel work & casting concrete for foundation of Indirect A.R.V chamber at Sta.11+210.	06/10/15	06/10/15	06/10/15	0	A
	IR-13-00016-SHT-1073-A	Inspection for pressure test for Halhul 6" pipeline common with 30" from sta.8+400 to sta.8+900.	06/10/15	06/10/15	06/10/15	0	A
	IR-13-00016-SHT-1074-A	Inspection for base course 2nd layer from sta.8+270 to sta.8+570.	06/15/15	06/15/15	06/16/15	1	C
	IR-13-00016-SHT-1074-B	Inspection for base course 2nd layer from sta.8+270 to sta.8+570.	06/17/15	06/17/15	06/18/15	1	A
	IR-13-00016-SHT-1075-A	Inspection for steel work & casting for walls of Indirect A.R.V chamber at Sta.11+210.	06/15/15	06/15/15	06/15/15	0	A
	IR-13-00016-SHT-1076-A	Inspection for steel work for fixed roof slab of 10" direct W.O chamber at Sta.10+600.	06/16/15	06/16/15	06/16/15	0	A
	IR-13-00016-SHT-1077-A	Inspection for steel work for roof slab of Indirect A.R.V chamber at Sta.11+210.	06/16/15	06/16/15	06/16/15	0	A
	IR-13-00016-SHT-1078-A	Inspection for pressure test for Beit Ummer site 8" pipeline common with 30" from sta.2+780 to sta.3+500.	06/16/15	06/16/15	06/16/15	0	A
	IR-13-00016-SHT-1079-A	Inspection for base course for the trench (Above 30" main pipeline) from sta.8+020 to sta.8+194 L-RHS.	06/16/15	06/16/15	06/16/15	0	A
	IR-13-00016-SHT-1080-A	Inspection for flushing for Halhul network 3" from sta.9+680 to sta.10+400	06/16/15	06/16/15	06/16/15	0	A
	IR-13-00016-SHT-1081-A	Inspection for pressure for Halhul network 3" from sta.9+680 to sta.10+400	06/16/15	06/16/15	06/16/15	0	A
	IR-13-00016-SHT-1082-A	Inspection for steel & casting concrete for walls of direct W.O chamber at sta.5+894.	06/16/15	06/16/15	06/16/15	0	A

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	IR-13-00016-SHT-1083-A	Inspection for steel work for removable roof slab of direct W.O chamber at sta.5+894.	06/17/15	06/17/15	06/17/15	0	C
	IR-13-00016-SHT-1084-A	Inspection for flushing for Beit Ummer 4"pipeline from sta.3+780 to sta.4+800	06/17/15	06/17/15	06/17/15	0	A
	IR-13-00016-SHT-1085-A	Inspection for connection between the two GV chamber at sta.3+495 & Main pipeline, GV at sta.0+011 & Beit Ummer 8" network.	06/17/15	06/17/15	06/18/15	1	C
	IR-13-00016-SHT-1085-B	Inspection for connection between the two GV chamber at sta.3+495 & Main pipeline, GV at sta.0+011 & Beit Ummer 8" network.	06/23/15	06/23/15	06/23/15	0	C
	IR-13-00016-SHT-1086-A	Inspection for base course for the trench (Above storm water) from sta.8+020 to sta.8+200 R-RHS.	06/18/15	06/18/15	06/18/15	0	A
	IR-13-00016-SHT-1087-A	Inspection for base course layer from sta.9+900 to sta.10+200	06/18/15	06/18/15	06/18/15	0	C
	IR-13-00016-SHT-1087-B	Inspection for base course layer from sta.9+900 to sta.10+200 except location of municipality water line connection at sta.10+000.	06/24/15	06/24/15	06/25/15	1	A
	IR-13-00016-SHT-1088-A	Inspection for disinfection for Halhul network 3" pipeline from 9+680 to sta.10+400	06/20/15	06/20/15	06/20/15	0	A
	IR-13-00016-SHT-1089-A	Inspection for connection ARV chamber to 30" main pipeline at sta.11+210.	06/21/15	06/21/15	06/22/15	1	C
	IR-13-00016-SHT-1089-B	Inspection for connection ARV chamber to 30" main pipeline at sta.11+210.	06/24/15	06/24/15	06/24/15	0	A
	IR-13-00016-SHT-1090-A	Inspection for insulation works of gravity wall from sta.3+537 to 3+555.	06/21/15	06/21/15	06/21/15	0	C
	IR-13-00016-SHT-1090-B	Inspection for insulation works of gravity wall from sta.3+537 to 3+555.	06/24/15	06/24/15	06/24/15	0	A
	IR-13-00016-SHT-1091-A	Inspection for disinfection for 6" & 4" common with 30" main pipeline from sta.6+820 to sta.8+880.	06/21/15	06/21/15	06/21/15	0	A
	IR-13-00016-SHT-1092-A	Inspection for insulation works for ARV chamber at sta.6+060.	06/22/15	06/22/15	06/23/15	1	C
	IR-13-00016-SHT-1093-A	Inspection for insulation works for W.O chamber at sta.5+894.	06/22/15	06/22/15	06/22/15	0	C
	IR-13-00016-SHT-1094-A	Inspection for flushing for 8" pipeline from sta.0+000 to sta.1+134- Zaboud Network	06/22/15	06/22/15	06/22/15	0	A
	IR-13-00016-SHT-1095-A	Inspection to closing of Environmental Checklist for April, 2015	06/22/15	06/22/15	06/22/15	0	A
	IR-13-00016-SHT-1096-A	Inspection for base course layer above 30" main pipeline from sta.8+000 to Sta.8+020 LHS.	06/22/15	06/22/15	06/22/15	0	A
	IR-13-00016-SHT-1097-A	Inspection for base course layer above storm water trench from sta.7+956 to sta.8+020 RHS.	06/22/15	06/22/15	06/22/15	0	A
	IR-13-00016-SHT-1098-A	Inspection for Prime coat application & asphalt course above 30" main pipeline from sta.8+000 to Sta.8+020 LHS.	06/22/15	06/22/15	06/24/15	2	C
	IR-13-00016-SHT-1099-A	Inspection for Prime coat application & asphalt course above storm water trench from sta.7+956 to sta.8+020 RHS.	06/22/15	06/22/15	06/24/15	2	C
	IR-13-00016-SHT-1100-A	Inspection for casting blinding concrete, from Sta.3+630 to Sta.3+655 LHS	06/22/15	06/22/15	06/22/15	0	A
	IR-13-00016-SHT-1101-A	Inspection for connection ARV chamber to 30" main pipeline at sta.6+060.	06/23/15	06/23/15	06/24/15	1	C
	IR-13-00016-SHT-1102-A	Inspection for Pressure for 8" pipeline from sta.0+000 to sta.1+134- Zaboud Network	06/23/15	06/23/15	06/23/15	0	A
	IR-13-00016-SHT-1103-A	Inspection for connection W.O chamber to 30" main pipeline at sta.11+390.	06/24/15	06/24/15	06/24/15	0	C
	IR-13-00016-SHT-1104-A	Inspection for insulation works for ARV chamber at sta.11+210.	06/24/15	06/24/15	06/24/15	0	C

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CONTRACT NO. AID-294-TO-12-00005
TASK ORDER #16, Deir Sha'ar Main Pipeline Project
Inspection Request Log

Inspection Request			TRACKING DATES				Approval Status
Spec. No.	Inspection Request #	Description	Submitted on (M/D/Y)	Inspection Date	Returned on (M/D/Y)	Review Days	(A,B,C,D,E)
	IR-13-00016-SHT-1104-B	Inspection for insulation works for ARV chamber at sta.11+210.	06/29/15	06/29/15	06/29/15	0	A
	IR-13-00016-SHT-1105-A	Inspection for base course layer from sta.10+200 to sta.10+480	06/24/15	06/24/15	06/25/15	1	A
	IR-13-00016-SHT-1106-A	Inspection for Insulation for W.O chamber at Sta.10+600 before backfill.	06/24/15	06/24/15	06/24/15	0	A
	IR-13-00016-SHT-1107-A	Inspection for connection ARV chamber to 30" main pipeline at sta.8+400	06/25/15	06/25/15	06/25/15	0	C
	IR-13-00016-SHT-1107-B	Inspection for connection ARV chamber to 30" main pipeline at sta.8+400	06/29/15	06/29/15	06/29/15	0	C
	IR-13-00016-SHT-1108-A	Inspection for steel work for retaining wall foundation, from Sta.3+630 to Sta.3+655 LHS	06/27/15	06/27/15	06/27/15	0	C
	IR-13-00016-SHT-1108-B	Inspection for steel work for retaining wall foundation, from Sta.3+630 to Sta.3+655 LHS	06/29/15	06/29/15	06/29/15	0	A
	IR-13-00016-SHT-1109-A	Inspection for disinfection for 8" pipeline from sta.0+000 to sta.1+134 - Zaboud Network.	06/27/15	06/27/15	06/27/15	0	A
	IR-13-00016-SHT-1110-A	Inspection for flushing for 8" & 4" pipeline from sta.0+000 to sta.1+134- Shahera Network	06/28/15	06/28/15	06/28/15	0	A
	IR-13-00016-SHT-1111-A	Inspection for holding RT test by Gabi Shoaf for the fabricated elbows in the storage yard	06/29/15	06/29/15	06/29/15	0	A
	IR-13-00016-SHT-1112-A	Inspection for casting concrete for retaining wall foundation, from Sta.3+630 to Sta.3+655 LHS	06/29/15	06/29/15	06/29/15	0	A
	IR-13-00016-SHT-1113-A	Inspection for rehabilitation base course layer from sta.11+540 to sta.11+600.	06/30/15	06/30/15	06/30/15	0	A
	IR-13-00016-SHT-1114-A	Inspection for sub grade level & compaction from sta.10+900 to sta.11+000	06/30/15	06/30/15	06/30/15	0	A
	IR-13-00016-SHT-1115-A	Inspection for sub grade level & compaction from sta.2+670 to sta.2+780	06/30/15	06/30/15	06/30/15	0	A

DV = Division A= No Exceptions Noted B = Make Corrections Noted C = Amend-Resubmit D= Rejected-Resubmit E= Review Not Required

F | Submittals Log for the Reporting Period

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Submittals Register Log

SUBMITTAL					TRACKING DATES				
Spec. No.	Submittal No	Description	Project	DV	Submitted on (M/D/Y)	Return Date AS Contract	Returned on (M/D/Y)	Review Days	(A,B,C,D,E)
	SUB-13-00016-SHT-001-A	Schedule for Pre Construction Submittals & Mobilization	SHT	P	11/10/13	12/10/13	11/20/13	10	E
	SUB-13-00016-SHT-002-A	Bank Guarantee	SHT	P	11/10/13	12/10/13	11/19/13	9	E
	SUB-13-00016-SHT-003-A	Field Offices Furniture and Equipment Plan	SHT	P	11/13/13	12/13/13	11/20/13	7	C
	SUB-13-00016-SHT-003-B	Field Offices Furniture and Equipment Plan	SHT	P	11/26/13	12/26/13	12/01/13	5	B
	SUB-13-00016-SHT-004-A	CMC Field Office Location and Layout -Primary Office (Halhul)	SHT	P	11/13/13	12/13/13	11/27/13	14	B
	SUB-13-00016-SHT-005-A	Scheduling Qualification Submittal	SHT	P	11/17/13	12/17/13	11/20/13	3	A
	SUB-13-00016-SHT-006-A	Temporary and Permanent Signs Plan	SHT	P	11/17/13	12/17/13	11/19/13	2	B
	SUB-13-00016-SHT-007-A	60-Day Plan of Operation	SHT	P	11/17/13	12/17/13	11/27/13	10	B
	SUB-13-00016-SHT-008-A	Project Overview Bar Chart and Master Plan	SHT	P	11/17/13	12/17/13	11/27/13	10	B
	SUB-13-00016-SHT-009-A	Submittal Schedule	SHT	P	11/17/13	12/17/13	12/04/13	17	C
	SUB-13-00016-SHT-009-B	Submittal Schedule	SHT	P	12/22/13	01/21/14	12/31/13	9	C
	SUB-13-00016-SHT-009-C	Submittal Schedule	SHT	P	01/14/14	02/13/14	01/16/14	2	B
	SUB-13-00016-SHT-010-A	Testing Labs	SHT	P	11/20/13	12/20/13	12/01/13	11	B
	SUB-13-00016-SHT-011-A	Survey Plan from Sta.0+000 to Sta.2+700	SHT	P	11/21/13	12/21/13	12/03/13	12	C
	SUB-13-00016-SHT-011-B	Survey Plan from Sta.0+000 to Sta.2+700	SHT	P	02/03/14	03/05/14	02/09/14	6	B
	SUB-13-00016-SHT-012-A	Coordination with Local Authorities Plan and Lists of Permits and Licenses	SHT	P	11/26/13	12/26/13	12/01/13	5	B
	SUB-13-00016-SHT-013-A	Cat Eyes-Iriflix Ltd.-item No.5.02.b	SHT	M	11/28/13	12/28/13	12/09/13	11	B
	SUB-13-00016-SHT-014-A	High Performance Thermoplastic Road Markings- Prismo Road Markings Ltd. T/A Ennis-item No. 5.02-a	SHT	M	11/28/13	12/28/13	12/09/13	11	B
	SUB-13-00016-SHT-015-A	Steel Pipe & Fittings-760 mm,300 mm, 250 mm, 200mm ,150 mm ,100 mm,75 mm and 50 mm pipes-AVROT Industries Ltd.-item No.D2- 2.1	SHT	M	11/28/13	12/28/13	12/03/13	5	C
	SUB-13-00016-SHT-015-B	Steel Pipe & Fittings-760 mm,300 mm, 250 mm, 200mm ,150 mm ,100 mm,75 mm and 50 mm pipes-AVROT Industries Ltd.-item No.D2- 2.1	SHT	M	01/21/14	02/20/14	01/23/14	2	E
	SUB-13-00016-SHT-016-A	Steel Pipe & Fittings-760 mm,300 mm, 250 mm, 200mm ,150 mm ,100 mm,75 mm and 50 mm pipes-Borursan Mannesmann Co-item No.D2- 2.1	SHT	M	11/28/13	12/28/13	12/03/13	5	C
	SUB-13-00016-SHT-016-B	Steel Pipe & Fittings-760 mm,300 mm, 250 mm, 200mm ,150 mm ,100 mm,75 mm and 50 mm pipes-Borursan Mannesmann Co-item No.D2- 2.1	SHT	M	01/21/14	02/20/14	01/23/14	2	E
	SUB-13-00016-SHT-017-A	Steel Pipe & Fittings-760 mm,300 mm, 250 mm, 200mm ,150 mm ,100 mm,75 mm and 50 mm pipes-Middle East Tube Company Ltd.	SHT	M	11/28/13	12/28/13	12/03/13	5	C
	SUB-13-00016-SHT-017-B	Steel Pipe & Fittings-300 mm, 250 mm, 200mm ,150 mm ,100 mm, and 75 mm pipes-Middle East Tube Company Ltd.	SHT	M	12/25/13	01/24/14	01/05/14	11	B
	SUB-13-00016-SHT-018-A	Steel Pipe & Fittings-300 mm, 250 mm, 200mm ,150 mm ,100 mm,75 mm and 50 mm pipes-Future Iron Pipes-item No.D2- 2.1	SHT	M	11/28/13	12/28/13	12/03/13	5	C
	SUB-13-00016-SHT-018-B	Steel Pipe & Fittings-300 mm, 250 mm, 200mm ,150 mm ,100 mm,75 mm and 50 mm pipes-Future Iron Pipes-item No.D2- 2.1	SHT	M	02/03/14	03/05/14	02/04/14	1	E
	SUB-13-00016-SHT-019-A	Field Offices Furniture and Equipment Plan Amendment (For Submittal No.: SUB-13-00016-SHT-003-B)	SHT	P	12/02/13	01/01/14	12/03/13	1	A

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	SUB-13-00016-SHT-020-A	Construction Schedule	SHT	P	12/03/13	01/02/14	12/30/13	27	C
	SUB-13-00016-SHT-020-B	Original CPM Construction Schedule	SHT	P	01/14/14	02/13/14	01/26/14	12	C
	SUB-13-00016-SHT-020-C	Original CPM Construction Schedule	SHT	P	03/05/14	04/04/14	03/11/14	6	A
	SUB-13-00016-SHT-021-A	Butterfly Valve-Raphael/ PN 16-items No. 4.3.1 ,4.2.5,4.26 and 4.62	SHT	M	12/04/13	01/03/14	12/18/13	14	C
	SUB-13-00016-SHT-021-B	Butterfly Valve-Raphael/ PN 16-items No. 4.3.1 ,4.2.5,4.2.6 and 4.6.2	SHT	M	01/20/14	02/19/14	01/26/14	6	B
	SUB-13-00016-SHT-022-A	Gate Valves -Raphael -TRL-items No. 4.1.1,2,3,4 / items No. 4.2.1,2,3,4,5,8 /items No. 4.4.1,2,3,4,5,6,7 / items No. 4.6.3,4,5	SHT	M	12/04/13	01/03/14	12/18/13	14	C
	SUB-13-00016-SHT-022-B	Gate Valves -Raphael -TRL-items No. 4.1.1,2,3,4 / items No. 4.2.1,2,3,4,5,8 /items No. 4.4.1,2,3,4,5,6,7 / items No. 4.6.3,4,5	SHT	M	12/25/13	01/24/14	01/02/14	8	C
	SUB-13-00016-SHT-022-C	Gate Valves Raphael Valves Industries- TMS-items No. 4.1.1,2,3,4 / items No. 4.2.1,2,3,4,5,8 /items No. 4.4.1,2,3,4,5,6 / items No. 4.6..1,2,3,4	SHT	M	01/16/14	02/15/14	01/26/14	10	B
	SUB-13-00016-SHT-023-A	Butterfly Valve-Vanessa - PN 25-items No. 4.2.1 ,4.2.7 and 4.6.1	SHT	M	12/04/13	01/03/14	12/18/13	14	C
	SUB-13-00016-SHT-023-B	Butterfly Valve-Vanessa - PN 25-items No. 4.2.1 ,4.2.7 and 4.6.1	SHT	M	12/25/13	01/24/14	12/31/13	6	C
	SUB-13-00016-SHT-023-C	Butterfly Valve-Vanessa - PN 25-items No. 4.2.1 ,4.2.7 and 4.6.1	SHT	M	01/21/14	02/20/14	01/30/14	9	B
	SUB-13-00016-SHT-024-A	Combination Air Valve-A.I.R.-PN 16-25 -items No. 4.2.1,2,3,4,5,6,7and 8 / items No. 4.4.5,6 and 7	SHT	M	12/05/13	01/04/14	12/18/13	13	C
	SUB-13-00016-SHT-024-B	Combination Air Valve-A.I.R.-PN 16-25 -items No. 4.2.1,2,3,4,5,6,7and 8 / items No. 4.4.5,6 and 7	SHT	M	12/29/13	01/28/14	12/31/13	2	C
	SUB-13-00016-SHT-024-C	Combination Air Valve-A.I.R.-PN 16-25 -items No. 4.2.1,2,3,5,6,7and 8 / items No. 4.4.5,6 and 7	SHT	M	01/20/14	02/19/14	01/30/14	10	B
	SUB-13-00016-SHT-025-A	Air Vent-DN 25-PN16-A.R.I -item No.4.2.4	SHT	M	12/05/13	01/04/14	12/18/13	13	C
	SUB-13-00016-SHT-025-B	Air Vent-DN 25-PN16-A.R.I -item No.4.2.4	SHT	M	12/25/13	01/24/14	12/31/13	6	C
	SUB-13-00016-SHT-025-C	Air Vent-DN 25-PN16-A.R.I -item No.4.2.4	SHT	M	01/20/14	02/19/14	01/30/14	10	B
	SUB-13-00016-SHT-026-A	Combination Air Valve-Non Slam-PN 16-25-A.I.R. -items No. 4.4.1,2,3,4	SHT	M	12/05/13	01/04/14	12/18/13	13	C
	SUB-13-00016-SHT-026-B	Combination Air Valve-Non Slam-PN 16-25-A.I.R. -items No. 4.4.1,2,3,4	SHT	M	12/29/13	01/28/14	12/31/13	2	C
	SUB-13-00016-SHT-026-C	Combination Air Valve-Non Slam-PN 16-25-A.I.R. -items No. 4.4.1,2,3,4	SHT	M	01/20/14	02/19/14	01/30/14	10	C
	SUB-13-00016-SHT-026-D	Combination Air Valve-Non Slam-PN 16-25-A.I.R. -items No. 4.4.1,2,3,4	SHT	M	04/13/14	05/13/14	04/14/14	1	B
	SUB-13-00016-SHT-027-A	Dismantling Joint -UNIJOINT-PN 16-25-items No.4.1.1,2,3,4 -items No. 4.4.1,2,3,4,5,6,7 and items No. 4.6.1,2,3,4,5	SHT	M	12/05/13	01/04/14	12/18/13	13	C
	SUB-13-00016-SHT-027-B	Dismantling Joint -UNIJOINT-PN 16-25-items No.4.1.1,2,3,4 -items No. 4.4.1,2,3,4,5,6,7 and items No. 4.6.1,2,3,4,5	SHT	M	12/25/13	01/24/14	12/31/13	6	B
	SUB-13-00016-SHT-028-A	Survey Plan from Sta.2+700 to Sta.6+000	SHT	P	12/19/13	01/18/14	12/31/13	12	B
	SUB-13-00016-SHT-029-A	Survey Plan from Sta.6+000 to Sta.7+650	SHT	P	12/19/13	01/18/14	12/31/13	12	B
	SUB-13-00016-SHT-030-A	Ball Valves /Tyco /BOQ item No. 4.2.4, 4.2.5, 4.2.6, 4.2.7, 4.2.8	SHT	M	12/19/13	01/18/14	12/31/13	12	C
	SUB-13-00016-SHT-030-B	Ball Valves /Tyco /BOQ item No. 4.2.4, 4.2.5, 4.2.6, 4.2.7, 4.2.8	SHT	M	01/14/14	02/13/14	01/16/14	2	B
	SUB-13-00016-SHT-031-A	Check Valve_ DN600 PN16-A.R.I_ item No. 4.2.6	SHT	M	12/19/13	01/18/14	12/30/13	11	C
	SUB-13-00016-SHT-031-B	Check Valve_ DN600 PN16-A.R.I_ item No. 4.2.6	SHT	M	04/15/14	05/15/14	04/17/14	2	B
	SUB-13-00016-SHT-032-A	Flow Control Valve_ BERMAD_ items 4.2.2,3,4 &5	SHT	M	12/19/13	01/18/14	12/31/13	12	C

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	SUB-13-00016-SHT-032-B	Flow Control Valve_ BERMAD_ items 4.2.2,3,4 &5	SHT	M	02/09/14	03/11/14	02/16/14	7	B
	SUB-13-00016-SHT-033-A	Pressure Relief Valve_ BERMAD_ items 4.2.2	SHT	M	12/19/13	01/18/14	12/31/13	12	B
	SUB-13-00016-SHT-034-A	Pressure Reducing Valve-BERMAD-items 4.2.2,3	SHT	M	12/19/13	01/18/14	12/31/13	12	C
	SUB-13-00016-SHT-034-B	Pressure Reducing Valve-BERMAD-items 4.2.2,3	SHT	M	02/09/14	03/11/14	02/13/14	4	B
	SUB-13-00016-SHT-035-A	Strainer PN16 & PN25-BERMAD-item No. 4.2.2, 4.2.3, 4.2.4, 4.2.5, 4.2.6, 4.2.7	SHT	M	12/19/13	01/18/14	12/30/13	11	C
	SUB-13-00016-SHT-035-B	Strainer PN16 & PN25-BERMAD-item No. 4.2.2, 4.2.3, 4.2.4, 4.2.5, 4.2.6, 4.2.7	SHT	M	01/26/14	02/25/14	01/30/14	4	B
	SUB-13-00016-SHT-036-A	Contractors all Risk, General Liability Insurance & Workers Compensation Insurance	SHT	P	12/23/13	01/22/14	01/07/14	15	E
	SUB-13-00016-SHT-037-A	Branding Plan	SHT	P	12/25/13	01/24/14	01/07/14	13	E
	SUB-13-00016-SHT-038-A	Quality Control Program (QCP)	SHT	P	12/25/13	01/24/14	01/08/14	14	B
	SUB-13-00016-SHT-039-A	Curbstone Marking Paint - Tambour - BOQ item No. 4.07	SHT	M	12/25/13	01/24/14	01/08/14	14	B
	SUB-13-00016-SHT-040-A	Concrete Mix Design - Al Abed Company - BOQ item No. 4.04	SHT	M	12/25/13	01/24/14	01/07/14	13	B
	SUB-13-00016-SHT-041-A	Asphalt Wearing JMF- BOQ Item No. 3.03	SHT	M	12/25/13	01/24/14	01/08/14	14	B
	SUB-13-00016-SHT-042-A	Safety Plan	SHT	P	12/25/13	01/24/14	12/31/13	6	C
	SUB-13-00016-SHT-042-B	Safety Plan	SHT	P	01/12/14	02/11/14	01/14/14	2	B
	SUB-13-00016-SHT-043-A	Security System	SHT	P	12/29/13	01/28/14	01/05/14	7	C
	SUB-13-00016-SHT-043-B	Security System	SHT	P	01/16/14	02/15/14	01/16/14	0	B
	SUB-13-00016-SHT-044-A	Method Statement	SHT	P	12/29/13	01/28/14	01/20/14	22	C
	SUB-13-00016-SHT-044-B	Method Statement	SHT	P	01/26/14	02/25/14	02/06/14	11	B
	SUB-13-00016-SHT-045-A	Traffic Control Plan from Sta.7+090 to Sta.7+500 LHS New Boulder Works	SHT	P	12/29/13	01/28/14	01/08/14	10	B
	SUB-13-00016-SHT-046-A	Guardrail ESP4-N2-PRINS DOKKUM-SHT-item 5.03.a	SHT	M	12/30/13	01/29/14	01/06/14	7	B
	SUB-13-00016-SHT-047-A	Storm Drainage RC pipes -PCP Co-item 4.01	SHT	M	12/30/13	01/29/14	01/06/14	7	C
	SUB-13-00016-SHT-047-B	Storm Drainage RC pipes -PCP Co-item 4.01	SHT	M	02/09/15	03/11/15	02/09/15	0	E
	SUB-13-00016-SHT-048-A	Pre Cast Concrete Curbstone-Wolfman Co-item 4.07	SHT	M	12/30/13	01/29/14	01/06/14	7	A
	SUB-13-00016-SHT-049-A	Subcontracting Plan	SHT	P	12/30/13	01/29/14	01/05/14	6	C
	SUB-13-00016-SHT-049-B	Subcontracting Plan	SHT	P	04/30/14	05/30/14	05/05/14	5	E
	SUB-13-00016-SHT-050-A	Key Personnel	SHT	P	12/30/13	01/29/14	12/31/13	1	E
	SUB-13-00016-SHT-051-A	Dilapidation Survey - Phase 01- From St. 0+700 to St. 4+400 and From St. 6+230 to St. 11+460 End of Project	SHT	P	01/02/14	02/01/14	01/07/14	5	C
	SUB-13-00016-SHT-051-B	Dilapidation Survey - Phase 01- From St. 0+700 to St. 4+400 and From St. 6+230 to St. 11+460 End of Project	SHT	P	01/21/14	02/20/14	01/22/14	1	B
	SUB-13-00016-SHT-052-A	Deir_Shaar_ Flanges_ ANSI ASME B 16.5 and DIN_ISO Flanges	SHT	M	01/05/14	02/04/14	01/07/14	2	C
	SUB-13-00016-SHT-052-B	Flanges-ANSI and ISO/DIN Flanges	SHT	M	02/02/14	03/04/14	02/04/14	2	B
	SUB-13-00016-SHT-053-A	FIP Dier Shaar_Fittings &heat shrinkable sheet	SHT	M	01/05/14	02/04/14	01/09/14	4	C

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	SUB-13-00016-SHT-053-B	FIP Dier Shaar_Fittings &heat shrinkable sheet	SHT	M	02/03/14	03/05/14	02/04/14	1	E
	SUB-13-00016-SHT-054-A	Traffic signs material_ Netivey Hamifratz/Top Safety _item 5.01	SHT	M	01/05/14	02/04/14	01/08/14	3	B
	SUB-13-00016-SHT-055-A	Shop Drawings: Main Pipeline Plan ,Profile and Typical Section from Sta.6+780 to Sta.7+500	SHT	S	01/07/14	02/06/14	01/13/14	6	C
	SUB-13-00016-SHT-055-B	Shop Drawings: Main Pipeline Plan ,Profile and Typical Section from Sta.6+780 to Sta.7+500	SHT	S	01/21/14	02/20/14	02/03/14	13	C
	SUB-13-00016-SHT-055-C	Shop Drawings: Main Pipeline Plan ,Profile and Typical Section from Sta.6+780 to Sta.7+500	SHT	S	02/13/14	03/15/14	03/03/14	18	B
	SUB-13-00016-SHT-056-A	Gate Valve 50mm PN 16- TRL- Raphael Valves Industry-item 4.2.4, 4.4.7 and 4.6.5	SHT	M	01/16/14	02/15/14	01/23/14	7	B
	SUB-13-00016-SHT-057-A	Middle East_Deir_Shaar_ 30" Pipes-item No.2.1	SHT	M	01/23/14	02/22/14	01/28/14	5	B
	SUB-13-00016-SHT-058-A	Avrot Pipe Fittings_up to 12 inch	SHT	M	01/16/14	02/15/14	01/23/14	7	C
	SUB-13-00016-SHT-058-B	Avrot Pipe Fittings	SHT	M	02/03/14	03/05/14	02/09/14	6	B
	SUB-13-00016-SHT-059-A	Shop Drawings: Road: Retaining Wall from Sta.7+093 to Sta.7+220 LHS	SHT	S	01/16/14	02/15/14	01/23/14	7	B
	SUB-13-00016-SHT-059-A	Shop Drawings: Road: Retaining Wall from Sta.7+093 to Sta.7+220 LHS-For Engineering Record- per SM-13-00016-SHT-E-C-003	SHT	S	01/26/14	02/25/14	01/29/14	3	B
	SUB-13-00016-SHT-060-A	Proposed Staging and Storage area location	SHT	P	01/20/14	02/19/14	01/23/14	3	B
	SUB-13-00016-SHT-061-A	Dilapidation Survey - Phase 02- From St. 0+000 to St.0+700 and From St. 4+400 to St. 6+200.	SHT	P	01/20/14	02/19/14	01/22/14	2	B
	SUB-13-00016-SHT-062-A	Shop Drawings: Road Construction: Plan ,Profile and Cross Section from Sta. 6+850 to Sta.7+520	SHT	S	01/26/14	02/25/14	02/18/14	23	B
	SUB-13-00016-SHT-062-B	Shop Drawings: Road Construction: Plan ,Profile and Cross Section from Sta. 6+850 to Sta.7+520 -As per Municipality new right of way	SHT	S	03/11/14	04/10/14	03/17/14	6	B
	SUB-13-00016-SHT-063-A	Welding Procedure for 3”-12”	SHT	P	01/22/14	02/21/14	01/26/14	4	C
	SUB-13-00016-SHT-063-B	Welding Procedure for 3”-12”	SHT	P	03/16/14	04/15/14	03/26/14	10	B
	SUB-13-00016-SHT-064-A	Risk Management Program - Phase 01- From St. 0+000 to St.2+700 and From St. 6+800 to St. 7+515	SHT	P	01/23/14	02/22/14	01/30/14	7	B
	SUB-13-00016-SHT-065-A	Environmental Mitigation Plan	SHT	P	01/23/14	02/22/14	02/02/14	10	B
	SUB-13-00016-SHT-066-A	Traffic Control Plan from Sta.0+000 to Sta.2+374 -Deir Shaar Main pipeline Beit Ummar 8 inch pipe	SHT	P	01/23/14	02/22/14	02/03/14	11	C
	SUB-13-00016-SHT-066-B	Traffic Control Plan from Sta.0+000 to Sta.2+374 -Deir Sha’ar distribution pipeline 8” pipe in Beit Ummar town	SHT	P	02/09/14	03/11/14	02/13/14	4	C
	SUB-13-00016-SHT-066-C	Traffic Control Plan from Sta.0+000 to Sta.2+374 -Deir Sha’ar distribution pipeline 8” pipe in Beit Ummar town	SHT	P	02/24/14	03/26/14	03/02/14	6	B
	SUB-13-00016-SHT-067-A	Proposed Welders for welders qualification test - CVs	SHT	P	01/26/14	02/25/14	02/02/14	7	C
	SUB-13-00016-SHT-067-B	Proposed Welders for welders qualification test - CVs	SHT	P	05/11/14	06/10/14	05/12/14	1	E
	SUB-13-00016-SHT-068-A	Third party testing lab -Arc-Eyes	SHT	P	01/26/14	02/25/14	01/30/14	4	B
	SUB-13-00016-SHT-069-A	Shop Drawings: Formwork Design for Retaining Work	SHT	S	01/26/14	02/25/14	01/29/14	3	B

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	SUB-13-00016-SHT-070-A	Storage and fabrication yard layout	SHT	P	01/26/14	02/25/14	01/30/14	4	C
	SUB-13-00016-SHT-070-B	Storage and fabrication yard layout	SHT	P	02/19/14	03/21/14	02/20/14	1	B
	SUB-13-00016-SHT-071-A	Survey Plan from Sta.7+093 to Sta.7+220	SHT	P	01/26/14	02/25/14	02/03/14	8	B
	SUB-13-00016-SHT-072-A	Proposed Dumping area	SHT	P	01/26/14	02/25/14	01/30/14	4	B
	SUB-13-00016-SHT-073-A	Public Relation Plan	SHT	P	01/27/14	02/26/14	01/29/14	2	E
	SUB-13-00016-SHT-074-A	Shop Drawings: Retaining Wall from Sta.7+389 to Sta.7+419.5 LHS and from Sta.7+441 to Sta.7+505 LHS	SHT	S	01/28/14	02/27/14	02/10/14	13	C
	SUB-13-00016-SHT-074-B	Shop Drawings: Retaining Wall from Sta.7+389 to Sta.7+419.5 LHS and from Sta.7+441 to Sta.7+505 LHS	SHT	S	02/24/14	03/26/14	03/05/14	9	C
	SUB-13-00016-SHT-074-C	Shop Drawings: Retaining Wall from Sta.7+389 to Sta.7+419.5 LHS and from Sta.7+441 to Sta.7+505 LHS	SHT	S	03/16/14	04/15/14	03/17/14	1	B
	SUB-13-00016-SHT-074-C	Shop Drawings: Retaining Wall from Sta.7+389 to Sta.7+419.5 LHS and from Sta.7+441 to Sta.7+505 LHS -For Engineering Record	SHT	S	04/07/14	05/07/14	04/10/14	3	B
	SUB-13-00016-SHT-075-A	Flanged Coupling Adaptor- UniJoint-item No. 4.2.1,3,4,5,6,7,8 and 4.3.1	SHT	M	01/29/14	02/28/14	02/04/14	6	D
	SUB-13-00016-SHT-075-B	Flanged Coupling Adaptor- UniJoint-item No. 4.2.1,3,4,5,6,7,8 and 4.3.1	SHT	M	03/27/14	04/26/14	03/27/14	0	E
	SUB-13-00016-SHT-076-A	Bitumen Protective Coating Material for Concrete Surface in Contact with Soil-Nitoproof 15	SHT	M	01/29/14	02/28/14	02/03/14	5	C
	SUB-13-00016-SHT-076-B	Bitumen Protective Coating Material for Concrete Surface in Contact with Soil-Nitoproof 15	SHT	M	02/23/14	03/25/14	02/24/14	1	E
	SUB-13-00016-SHT-077-A	Source approval test for base course_ Al Taweel_ item 2.01	SHT	M	01/29/14	02/28/14	02/04/14	6	B
	SUB-13-00016-SHT-078-A	High Tensile Steel Bar_ item 4.04.e	SHT	M	02/02/14	03/04/14	02/03/14	1	B
	SUB-13-00016-SHT-079-A	Elecometer 266 Holiday detector	SHT	M	02/03/14	03/05/14	02/03/14	0	E
	SUB-13-00016-SHT-080-A	Shop Drawings: Road Construction: Plan , Profile and Cross Section from Sta.0+000 to Sta.1+200	SHT	S	02/03/14	03/05/14	02/13/14	10	B
	SUB-13-00016-SHT-081-A	Field Offices Furniture and Equipment Plan Amendment (For Submittal No.: SUB-13-00016-SHT-003-B)	SHT	P	02/05/14	03/07/14	02/09/14	4	A
	SUB-13-00016-SHT-082-A	Geotechnical Report for Retaining Wall from St. 7+200 to St. 7+220	SHT	P	02/13/14	03/15/14	02/24/14	11	C
	SUB-13-00016-SHT-082-B	Geotechnical Report for Retaining Wall from St. 7+200 to St. 7+220	SHT	P	03/11/14	04/10/14	03/24/14	13	E
	SUB-13-00016-SHT-083-A	Pipes Marking - 8" Steel pipes.	SHT	M	02/09/14	03/11/14	02/13/14	4	B
	SUB-13-00016-SHT-084-A	Mill Certificate and testing reports for 8 inch steel pipe	SHT	M	02/09/14	03/11/14	02/12/14	3	A
	SUB-13-00016-SHT-085-A	Shop Drawings: Plan, Profile and Cross Section from Sta.0+000 to Sta.2+295-Beit Ummar Water Distribution Network	SHT	S	02/12/14	03/14/14	02/18/14	6	B
	SUB-13-00016-SHT-086-A	Bedding material somson aggregates_Al Taweel Co.	SHT	M	02/12/14	03/14/14	02/13/14	1	B
	SUB-13-00016-SHT-087-A	Specific Confined Space Safety Plan	SHT	P	02/16/14	03/18/14	02/17/14	1	B
	SUB-13-00016-SHT-088-A	Excavation and Trenching Safety Plan	SHT	P	02/16/14	03/18/14	02/17/14	1	B
	SUB-13-00016-SHT-089-A	Concrete Repairing Materials	SHT	M	02/16/14	03/18/14	02/18/14	2	B
	SUB-13-00016-SHT-090-A	Form Release agent-BOQ item No. 1.2.b-3	SHT	M	02/16/14	03/18/14	02/18/14	2	A
	SUB-13-00016-SHT-091-A	Form Ties-BOQ item No. 2.3	SHT	M	02/16/14	03/18/14	02/18/14	2	B

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	SUB-13-00016-SHT-092-A	Form Chamfers -BOQ item No. 2.2-b	SHT	M	02/16/14	03/18/14	02/18/14	2	B
	SUB-13-00016-SHT-093-A	Shop Drawing- Road Works- Plan, Profile and Cross Sections from Sta. 2+780 to Sta. 3+900	SHT	S	02/17/14	03/19/14	03/05/14	16	C
	SUB-13-00016-SHT-093-B	Shop Drawing- Road Works- Plan, Profile and Cross Sections from Sta. 2+780 to Sta. 3+900	SHT	S	03/11/14	04/10/14	03/17/14	6	B
	SUB-13-00016-SHT-093-B	Shop Drawing- Road Works- Plan, Profile and Cross Sections from Sta. 2+780 to Sta. 3+900-For Engineering Record	SHT	S	03/20/14	04/19/14	03/31/14	11	B
	SUB-13-00016-SHT-093-C	Shop Drawing- Road Works- Plan, Profile and Cross Sections from Sta. 2+780 to Sta. 3+900-According to Site Memo No. : SM-13-00016-SHT-E-C-035	SHT	S	11/18/14	12/18/14	11/27/14	9	B
	SUB-13-00016-SHT-094-A	Identification tape for water pipe line	SHT	M	02/18/14	03/20/14	02/20/14	2	C
	SUB-13-00016-SHT-094-B	Identification tape for water pipe line	SHT	M	02/27/14	03/29/14	03/02/14	3	B
	SUB-13-00016-SHT-095-A	Shop Drawings: Water 4" : Plan , Profile and Typical Section from Sta.0+000 to Sta.0+790 - Al Nabi Younis Water Pipeline	SHT	S	11/19/14	12/19/14	11/26/14	7	B
	SUB-13-00016-SHT-096-A	Heat Shrinkable Sleeve &Tape (CANUSA) for steel pipes-BOQ items No. 2.2.1,2,3,4,5,6,7	SHT	M	02/18/14	03/20/14	02/24/14	6	B
	SUB-13-00016-SHT-097-A	Galvanized Malleable Iron Fittings up to 2”- Modgal	SHT	M	02/18/14	03/20/14	02/20/14	2	B
	SUB-13-00016-SHT-098-A	Single size backfilling material_Al Taweel Co.	SHT	M	02/20/14	03/22/14	02/24/14	4	B
	SUB-13-00016-SHT-099-A	Damp proofing	SHT	M	02/20/14	03/22/14	02/24/14	4	B
	SUB-13-00016-SHT-100-A	Pipe Cement Lining Repair- NITOCOTE CM 210	SHT	M	02/20/14	03/22/14	02/24/14	4	B
	SUB-13-00016-SHT-101-A	3 inch Procedure Qualification Record (PQR)	SHT	P	02/20/14	03/22/14	02/24/14	4	B
	SUB-13-00016-SHT-102-A	Flange Gaskets_Klinger	SHT	M	02/23/14	03/25/14	02/24/14	1	C
	SUB-13-00016-SHT-102-B	Flange Gaskets_Klinger	SHT	M	03/09/14	04/08/14	03/09/14	0	C
	SUB-13-00016-SHT-102-C	Flange Gaskets_Klinger	SHT	M	03/16/14	04/15/14	03/20/14	4	B
	SUB-13-00016-SHT-103-A	Traffic Control Plan -Phase I -from Sta.0+000 to Sta.2+800-Deir Sha’ar Water Transmission Project	SHT	P	02/24/14	03/26/14	02/27/14	3	B
	SUB-13-00016-SHT-104-A	Shop Drawings :Water : Plan ,Profile and Cross Section from Sta.0+000 to Sta.1+200 -Deer Sha'ar Main Pipeline	SHT	S	02/24/14	03/26/14	02/27/14	3	C
	SUB-13-00016-SHT-104-B	Shop Drawings :Water : Plan ,Profile and Typical Section from Sta.0+000 to Sta.1+200 -Deer Sha'ar Main Pipeline	SHT	S	03/16/14	04/15/14	03/30/14	14	B
	SUB-13-00016-SHT-105-A	Spacers Material Sample	SHT	M	02/23/14	03/25/14	02/27/14	4	A
	SUB-13-00016-SHT-106-A	Non-shrink cementations mortar - Fosroc	SHT	M	02/25/14	03/27/14	03/05/14	8	B
	SUB-13-00016-SHT-107-A	4" PVC Weep Pipe Sample-_Royal Company	SHT	M	02/26/14	03/28/14	03/02/14	4	A
	SUB-13-00016-SHT-108-A	Protection Board Sample-Abdeen Company	SHT	M	02/26/14	03/28/14	03/03/14	5	A
	SUB-13-00016-SHT-109-A	Specific Method Statement -Pipeline Installation ,welding procedure and Testing (Hydrostatic, Disinfection /Flushing) -760 mm steel pipe	SHT	P	03/03/14	04/02/14	03/18/14	15	C

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	SUB-13-00016-SHT-109-B	Specific Method Statement -Pipeline Installation and welding procedure	SHT	P	05/11/14	06/10/14	05/12/14	1	B
	SUB-13-00016-SHT-110-A	Radiographic Testing Safety Plan	SHT	P	03/03/14	04/02/14	03/09/14	6	C
	SUB-13-00016-SHT-110-B	Radiographic Testing Safety Plan	SHT	P	03/13/14	04/12/14	03/27/14	14	B
	SUB-13-00016-SHT-111-A	8" Water steel pipe work installation -Method of Statement	SHT	P	03/31/14	04/30/14	04/08/14	8	B
	SUB-13-00016-SHT-112-A	8"-12" Procedure Qualification Record (PQR)	SHT	P	03/05/14	04/04/14	03/13/14	8	C
	SUB-13-00016-SHT-112-B	8"-12" Procedure Qualification Record (PQR)	SHT	P	03/24/14	04/23/14	03/27/14	3	E
	SUB-13-00016-SHT-113-A	Certificate for Welder –Fadi Shuebeha	SHT	P	03/05/14	04/04/14	03/13/14	8	A
	SUB-13-00016-SHT-114-A	Shop Drawings: Road Construction: Plan , Profile and Cross Section from Sta.1+200 to Sta.2+780	SHT	S	03/09/14	04/08/14	03/13/14	4	C
	SUB-13-00016-SHT-114-B	Shop Drawings: Road Construction: Plan , Profile and Cross Section from Sta.1+200 to Sta.2+780	SHT	S	03/15/14	04/14/14	03/17/14	2	B
	SUB-13-00016-SHT-115-A	Specific Method Statement -3" To 12" Pipeline Installation ,welding procedure and Testing (Hydrostatic, Disinfection /Flushing)	SHT	P	03/16/14	04/15/14	04/02/14	17	B
	SUB-13-00016-SHT-116-A	Mitered Bends Schedule and fabrication for 30" main pipeline from St. -0+035.5 to St. 0+140.42	SHT	S	12/08/14	01/07/15	12/22/14	14	B
	SUB-13-00016-SHT-117-A	Mitered Bends Schedule and fabrication -8" Beit Ummar Local Network	SHT	M	03/23/14	04/22/14	03/30/14	7	B
	SUB-13-00016-SHT-118-A	Finish paint for exposed pipes/fittings and pipes/fittings inside chambers_ FOSROC Nitocote EP405	SHT	M	03/13/14	04/12/14	03/20/14	7	C
	SUB-13-00016-SHT-118-B	Finish paint for exposed pipes/fittings and pipes/fittings inside chambers_ FOSROC_Nitocote EP405	SHT	M	03/24/14	04/23/14	03/27/14	3	B
	SUB-13-00016-SHT-119-A	Shop Drawing: Retaining Wall from Sta.7+220 to Sta.7+376 LHS	SHT	S	03/19/14	04/18/14	03/27/14	8	C
	SUB-13-00016-SHT-119-B	Shop Drawing: Retaining Wall from Sta.7+220 to Sta.7+376 LHS	SHT	S	04/02/14	05/02/14	04/10/14	8	C
	SUB-13-00016-SHT-119-C	Shop Drawing: Retaining Wall from Sta.7+220 to Sta.7+376 LHS	SHT	S	04/12/14	05/12/14	04/15/14	3	B
	SUB-13-00016-SHT-120-A	Radiographic Testing (RT) Method Statement	SHT	P	03/15/14	04/14/14	03/20/14	5	B
	SUB-13-00016-SHT-121-A	Dilapidation Survey -Al-Aroub Connection 4" & 6"	SHT	P	03/30/14	04/29/14	04/02/14	3	B
	SUB-13-00016-SHT-122-A	Shop Drawings: Retaining Wall from Sta.7+375 to Sta.7+390 LHS	SHT	S	11/18/14	12/18/14	11/24/14	6	B
	SUB-13-00016-SHT-122-B	Shop Drawings: Retaining Wall from Sta.7+375 to Sta.7+390 LHS - For Engineering Record	SHT	S	12/01/14	12/31/14	12/07/14	6	B
	SUB-13-00016-SHT-123-A	Steel ASTM A 53-Gr B , ERW Welded Pipes- Toscelik /Tzinorot.	SHT	M	03/16/14	04/15/14	03/20/14	4	C
	SUB-13-00016-SHT-123-B	Steel ASTM A 53-Gr B , ERW Welded Pipes- Toscelik /Tzinorot.	SHT	M	04/03/14	05/03/14	04/07/14	4	B
	SUB-13-00016-SHT-124-A	Dilapidation Survey -Beit Ummar 8" Network	SHT	P	03/18/14	04/17/14	03/19/14	1	B
	SUB-13-00016-SHT-125-A	Risk Management Program - Beit Ummar 8" Network	SHT	P	03/18/14	04/17/14	03/19/14	1	B
	SUB-13-00016-SHT-126-A	Dismantling Joint- Viking Johnson	SHT	M	03/18/14	04/17/14	03/27/14	9	C

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SUBMITTAL					TRACKING DATES				
Spec. No.	Submittal No	Description	Project	DV	Submitted on (M/D/Y)	Return Date AS Contract	Returned on (M/D/Y)	Review Days	(A,B,C,D,E)
	SUB-13-00016-SHT-126-B	Dismantling Joint- Viking Johnson	SHT	M	04/19/14	05/19/14	05/05/14	16	C
	SUB-13-00016-SHT-126-C	Dismantling Joint- Viking Johnson	SHT	M	07/13/14	08/12/14	07/14/14	1	E
	SUB-13-00016-SHT-127-A	Joint Filler Material	SHT	M	03/19/14	04/18/14	03/23/14	4	B
	SUB-13-00016-SHT-128-A	Pipes and fittings Inventory Log	SHT	P	03/19/14	04/18/14	03/23/14	4	B
	SUB-13-00016-SHT-129-A	Cost Breakdown – item 04 –Valves , Connections and Chambers	SHT	P	03/19/14	04/18/14	04/15/14	27	C
	SUB-13-00016-SHT-129-B	Cost Breakdown – item 04 –Valves , Connections and Chambers	SHT	P	05/21/14	06/20/14	05/21/14	0	E
	SUB-13-00016-SHT-130-A	Galvanized steel pipes_Pecker	SHT	M	03/19/14	04/18/14	03/26/14	7	B
	SUB-13-00016-SHT-131-A	Survey Plan from Sta.0+000 to Sta.1+225-Al Aroub Road	SHT	P	03/20/14	04/19/14	03/30/14	10	B
	SUB-13-00016-SHT-132-A	Shop Drawings: Plan, Profile and Cross Section from Sta.0+000 to Sta.1+225-Al Aroub Road	SHT	S	03/20/14	04/19/14	03/31/14	11	B
	SUB-13-00016-SHT-132-B	Shop Drawings: Plan, Profile and Cross Section from Sta.0+000 to Sta.1+225-Al Aroub Road -As per Walkthrough -For Engineering Record	SHT	S	06/04/14	07/04/14	06/10/14	6	B
	SUB-13-00016-SHT-133-A	Strainer- ARI- OF-20- PN 16 -item No. 4.2.4, 4.2.5 and 4.2.6	SHT	M	03/20/14	04/19/14	03/27/14	7	C
	SUB-13-00016-SHT-133-B	Strainer- ARI- OF-20- PN 16 -item No. 4.2.4, 4.2.5 and 4.2.6	SHT	M	04/30/14	05/30/14	05/05/14	5	E
	SUB-13-00016-SHT-134-A	Concrete repairing material- Renderoc FC- for thickness less than 5mm.	SHT	M	03/24/14	04/23/14	03/25/14	1	B
	SUB-13-00016-SHT-135-A	Bolts, Nuts& washers-Factor for Mechanical Chambers	SHT	M	03/24/14	04/23/14	03/27/14	3	C
	SUB-13-00016-SHT-135-B	Bolts, Nuts& washers-Factor for Mechanical Chambers	SHT	M	03/31/14	04/30/14	04/07/14	7	C
	SUB-13-00016-SHT-135-C	Bolts, Nuts& washers-Factor for Mechanical Chambers	SHT	M	04/30/14	05/30/14	05/07/14	7	B
	SUB-13-00016-SHT-136-A	Manufacturer "Bermad" sizing of Deir Shaar Pressure Reducing Valve	SHT	M	03/24/14	04/23/14	04/07/14	14	B
	SUB-13-00016-SHT-136-B	Manufacturer "Bermad" sizing of Deir Shaar Pressure Reducing Valve -For Engineering Record	SHT	M	06/25/14	07/25/14	07/07/14	12	B
	SUB-13-00016-SHT-137-A	Welders Performance Qualification Certificates	SHT	P	03/30/14	04/29/14	04/08/14	9	C
	SUB-13-00016-SHT-137-B	Welders Performance Qualification Certificates – RT Negative Films Attached	SHT	P	08/07/14	09/06/14	08/14/14	7	C
	SUB-13-00016-SHT-137-C	Welders Performance Qualification Certificates	SHT	P	08/21/14	09/20/14	09/03/14	13	C
	SUB-13-00016-SHT-137-D	Welders Performance Qualification Certificates	SHT	P	09/29/14	10/29/14	10/16/14	17	A
	SUB-13-00016-SHT-138-A	Risk Management Program -Al-Aroub Connection 4" & 6"	SHT	P	03/31/14	04/30/14	04/08/14	8	B
	SUB-13-00016-SHT-139-A	Shop Drawings: Water : Plan , Profile and Cross Section from Sta.1+200 to Sta.2+780	SHT	S	04/02/14	05/02/14	04/14/14	12	B
	SUB-13-00016-SHT-139-B	Shop Drawings: Water : Plan , Profile and Cross Section from Sta.1+200 to Sta.2+780 -For Engineering Record	SHT	S	08/12/14	09/11/14	08/17/14	5	B
	SUB-13-00016-SHT-139-C	Shop Drawings: Water : Plan , Profile and Cross Section from Sta.1+200 to Sta.2+780 -For Engineering Record (2)	SHT	S	08/24/14	09/23/14	08/28/14	4	C
	SUB-13-00016-SHT-139-D	Shop Drawings: Water : Plan , Profile and Cross Section from Sta.1+200 to Sta.2+780 -For Engineering Record (2)	SHT	S	09/03/14	10/03/14	09/04/14	1	B

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	SUB-13-00016-SHT-140-A	Shop Drawings: Retaining Wall from Sta.7+375 to Sta.7+391 LHS and from Sta.7+432 to Sta.7+438 LHS	SHT	S	04/03/14	05/03/14	04/15/14	12	C
	SUB-13-00016-SHT-140-B	Shop Drawings: Retaining Wall from Sta.7+374 to Sta.7+392 LHS and from Sta.7+433 to Sta.7+438 LHS	SHT	S	04/17/14	05/17/14	04/24/14	7	C
	SUB-13-00016-SHT-140-C	Shop Drawings: Retaining Wall from Sta.7+374 to Sta.7+392 LHS and from Sta.7+419 to Sta.7+450 LHS	SHT	S	05/13/14	06/12/14	05/21/14	8	C
	SUB-13-00016-SHT-140-D	Shop Drawings: Retaining Wall from Sta.7+374 to Sta.7+392 LHS and from Sta.7+419 to Sta.7+450 LHS	SHT	S	05/27/14	06/26/14	06/11/14	15	B
	SUB-13-00016-SHT-141-A	Second source of base course -Roots Crusher Plant- Report No. ST/14078 l	SHT	M	04/06/14	05/06/14	04/08/14	2	B
	SUB-13-00016-SHT-142-A	Shop Drawings: Plan, Profile and Typical Section from Sta.0+000 to Sta.1+218-Beit Ummar Water distribution Network-Al Arrub Water Pipeline	SHT	S	04/07/14	05/07/14	04/16/14	9	C
	SUB-13-00016-SHT-142-B	Shop Drawings: Plan, Profile and Typical Section from Sta.0+000 to Sta.1+218-Beit Ummar Water distribution Network-Al Arrub Water Pipeline	SHT	S	04/27/14	05/27/14	04/29/14	2	C
	SUB-13-00016-SHT-142-C	Shop Drawings: Plan, Profile and Typical Section from Sta.0+000 to Sta.1+218-Beit Ummar Water distribution Network-Al Arrub Water Pipeline	SHT	S	05/06/14	06/05/14	05/08/14	2	B
	SUB-13-00016-SHT-143-A	Updated Construction Schedule and S-curve -March 2014	SHT	SCH	04/07/14	05/07/14	04/14/14	7	B
	SUB-13-00016-SHT-144-A	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 0+000 to St. 1+200.	SHT	S	04/13/14	05/13/14	04/14/14	1	C
	SUB-13-00016-SHT-144-B	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 0+000 to St. 1+200.	SHT	S	05/12/14	06/11/14	05/21/14	9	B
	SUB-13-00016-SHT-145-A	Survey Plan from Sta. 9+890 to Sta. 11+463	SHT	P	04/13/14	05/13/14	04/22/14	9	C
	SUB-13-00016-SHT-145-B	Survey Plan from Sta. 9+890 to Sta. 11+463	SHT	P	04/28/14	05/28/14	05/05/14	7	B
	SUB-13-00016-SHT-146-A	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 6+780 to St. 7+500	SHT	S	04/15/14	05/15/14	04/17/14	2	C
	SUB-13-00016-SHT-146-B	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 6+780 to St. 7+500	SHT	S	05/12/14	06/11/14	05/21/14	9	B
	SUB-13-00016-SHT-147-A	Strainer-DVD-BOQ item No. 4.4.2 ,4.2.3 ,4.2.4 , 4.2.5, 4.2.6 and 4.2.7	SHT	M	04/15/14	05/15/14	04/17/14	2	C
	SUB-13-00016-SHT-147-B	Strainer-DVD-BOQ item No. 4.4.2 ,4.2.3 ,4.2.4 , 4.2.5, 4.2.6 and 4.2.7	SHT	M	04/27/14	05/27/14	05/05/14	8	B
	SUB-13-00016-SHT-148-A	Shop Drawings: Road Construction :Plan, Profile and Cross Section from Sta. 9+890 to Sta. 11+463	SHT	S	04/17/14	05/17/14	04/30/14	13	B
	SUB-13-00016-SHT-149-A	Shrinkable Sheet Sample	SHT	M	04/22/14	05/22/14	04/30/14	8	D
	SUB-13-00016-SHT-149-B	Shrinkable Sheet Sample	SHT	M	02/09/15	03/11/15	02/09/15	0	E
	SUB-13-00016-SHT-150-A	Butterfly Valve-PN 16-Henry Pratt-BOQ items No. 4.2.5,4.2.6,4.3.1 and 4.6.2	SHT	M	04/28/14	05/28/14	05/19/14	21	D
	SUB-13-00016-SHT-150-B	Butterfly Valve-PN 16-Henry Pratt-BOQ items No. 4.2.5,4.2.6,4.3.1 and 4.6.2	SHT	M	07/13/14	08/12/14	07/14/14	1	E
	SUB-13-00016-SHT-151-A	Butterfly Valve-PN 25-Henry Pratt-BOQ items No. 4.2.1,4.2.7 and 4.6.1	SHT	M	04/29/14	05/29/14	05/05/14	6	D

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	SUB-13-00016-SHT-151-B	Butterfly Valve-PN 25-Henry Pratt-BOQ items No. 4.2.1,4.2.7 and 4.6.1	SHT	M	05/12/14	06/11/14	05/28/14	16	C
	SUB-13-00016-SHT-151-C	Butterfly Valve-PN 25-Henry Pratt-BOQ items No. 4.2.1,4.2.7 and 4.6.1	SHT	M	07/13/14	08/12/14	07/14/14	1	E
	SUB-13-00016-SHT-152-A	Bolts, washers and nuts- Buried pipe flanges-Factor	SHT	M	04/29/14	05/29/14	05/07/14	8	C
	SUB-13-00016-SHT-152-B	Bolts, washers and nuts- Buried pipe flanges-Factor	SHT	M	12/08/14	01/07/15	12/11/14	3	E
	SUB-13-00016-SHT-153-A	Survey Plan from Sta. 7+650 to Sta. 9+890	SHT	P	04/29/14	05/29/14	05/08/14	9	B
	SUB-13-00016-SHT-154-A	Revised Survey Plan from Sta. 4+200 to Sta. 5+700	SHT	P	04/30/14	05/30/14	05/08/14	8	B
	SUB-13-00016-SHT-155-A	Shop Drawing- Road Works- Plan, Profile and Cross Sections from Sta. 3+900 to Sta. 4+950	SHT	S	04/30/14	05/30/14	05/27/14	27	C
	SUB-13-00016-SHT-155-B	Shop Drawing- Road Works- Plan, Profile and Cross Sections from Sta. 3+900 to Sta. 4+950	SHT	S	06/02/14	07/02/14	06/10/14	8	B
	SUB-13-00016-SHT-156-A	Shop Drawing- Road Works- Plan, Profile and Cross Sections from Sta. 4+950 to Sta. 6+000	SHT	S	04/30/14	05/30/14	05/27/14	27	C
	SUB-13-00016-SHT-156-B	Shop Drawing- Road Works- Plan, Profile and Cross Sections from Sta. 4+950 to Sta. 6+000	SHT	S	06/02/14	07/02/14	06/09/14	7	B
	SUB-13-00016-SHT-157-A	Resume and IIW certificate for Dr. Salahaldin Mnasia that is equivalent to required CWI per section "H.1 hey personnel " of task order contract	SHT	P	05/04/14	06/03/14	05/08/14	4	E
	SUB-13-00016-SHT-158-A	Updated Construction Schedule and S-curve -April 2014	SHT	SCH	05/04/14	06/03/14	05/12/14	8	B
	SUB-13-00016-SHT-159-A	Alternative source for single size Aggregate (Homos) - Roots Crusher Plant	SHT	M	05/06/14	06/05/14	05/07/14	1	B
	SUB-13-00016-SHT-160-A	Alternative for the source of Somsom size -Roots Crusher Plant	SHT	M	05/06/14	06/05/14	05/07/14	1	B
	SUB-13-00016-SHT-161-A	Shop Drawing-Water Works- Plan, Profile and Cross Sections from Sta. 2+780 to Sta. 3+900	SHT	S	05/07/14	06/06/14	05/26/14	19	C
	SUB-13-00016-SHT-161-B	Shop Drawing-Water Works- Plan, Profile and Cross Sections from Sta. 2+780 to Sta. 3+900	SHT	S	05/29/14	06/28/14	06/01/14	3	B
	SUB-13-00016-SHT-162-A	Shop Drawings: Stair at Sta.7+505 LHS	SHT	S	05/07/14	06/06/14	05/14/14	7	C
	SUB-13-00016-SHT-162-B	Shop Drawings: Stair at Sta.7+505 LHS	SHT	S	05/28/14	06/27/14	06/05/14	8	C
	SUB-13-00016-SHT-162-C	Shop Drawings: Stair at Sta.7+505 LHS	SHT	S	06/11/14	07/11/14	06/15/14	4	B
	SUB-13-00016-SHT-163-A	Traffic Control Plan -Phase I -from Sta.0+000 to Sta.2+800-Deir Sha'ar Water Transmission Project-DCL Final Written Approval -(Amendment for Submittal No.SUB-13-00016-SHT-103-A)	SHT	P	05/07/14	06/06/14	05/08/14	1	B
	SUB-13-00016-SHT-164-A	Pressure Gauge- Ashcroft 1279	SHT	M	05/11/14	06/10/14	05/19/14	8	C
	SUB-13-00016-SHT-164-B	Pressure Gauge- Ashcroft 1279	SHT	M	08/11/14	09/10/14	08/21/14	10	B
	SUB-13-00016-SHT-165-A	Ultrasonic Flow Detector Machine and Technician Certificate	SHT	P	05/11/14	06/10/14	05/14/14	3	C
	SUB-13-00016-SHT-165-B	Ultrasonic Flow Detector Machine and Technician Certificate	SHT	P	06/26/14	07/26/14	06/30/14	4	C
	SUB-13-00016-SHT-165-C	Ultrasonic Flow Detector Machine and Technician Certificate	SHT	P	02/09/15	03/11/15	02/09/15	0	A
	SUB-13-00016-SHT-166-A	Elcometer 280 Pulsed DC Holiday detector -Holiday 280	SHT	M	05/11/14	06/10/14	05/12/14	1	E

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	SUB-13-00016-SHT-167-A	Specific Method Statement -Testing (Hydrostatic, Disinfection /Flushing) -760 mm steel pipe Sch 20 /WT 12.7 mm	SHT	P	05/11/14	06/10/14	05/21/14	10	C
	SUB-13-00016-SHT-167-B	Specific Method Statement -Testing (Hydrostatic, Disinfection /Flushing) -760 mm steel pipe Sch 20 /WT 12.7 mm	SHT	P	08/07/14	09/06/14	09/04/14	28	B
	SUB-13-00016-SHT-168-A	Pipes Loading & Unloading -Specific Method Statement	SHT	P	05/11/14	06/10/14	05/12/14	1	C
	SUB-13-00016-SHT-168-B	Pipes Loading & Unloading -Specific Method Statement	SHT	P	05/19/14	06/18/14	05/29/14	10	C
	SUB-13-00016-SHT-168-C	Pipes Loading & Unloading -Specific Method Statement	SHT	P	06/11/14	07/11/14	06/29/14	18	B
	SUB-13-00016-SHT-169-A	30 inch Pipeline Entry -Safety Method Statement (Confined Space)	SHT	P	05/11/14	06/10/14	05/14/14	3	C
	SUB-13-00016-SHT-169-B	30 inch Pipeline Entry -Safety Method Statement (Confined Space)	SHT	P	05/19/14	06/18/14	05/29/14	10	B
	SUB-13-00016-SHT-169-C	30 inch Pipeline Entry -Safety Method Statement (Confined Space)- **For Engineering Record**	SHT	P	07/24/14	08/23/14	08/04/14	11	B
	SUB-13-00016-SHT-169-D	30 inch Pipeline Entry -Safety Method Statement (Confined Space)- For Engineering Record (2)	SHT	P	08/21/14	09/20/14	08/28/14	7	B
	SUB-13-00016-SHT-170-A	Internal Cement Lining Repair Method Statement	SHT	P	05/12/14	06/11/14	05/26/14	14	B
	SUB-13-00016-SHT-171-A	Mortar Fill after welding / layback Space closure Method Statement	SHT	P	05/12/14	06/11/14	05/26/14	14	B
	SUB-13-00016-SHT-172-A	Traffic Control Plan from Sta.6+800 to Sta.7+500	SHT	P	05/14/14	06/13/14	05/20/14	6	B
	SUB-13-00016-SHT-173-A	Testing Labs-Renewed Accreditation Certificate and Schedule (For Building Center Lab)- Amendment to Submittal No. : SUB-13-00016-SHT-010-A	SHT	P	05/18/14	06/17/14	05/19/14	1	A
	SUB-13-00016-SHT-174-A	30 inch Pipe Welding Procedure Qualification Record	SHT	P	05/18/14	06/17/14	05/28/14	10	A
	SUB-13-00016-SHT-175-A	Flange Gasket- Reinz-AFM 34 - No.2	SHT	M	05/19/14	06/18/14	05/28/14	9	B
	SUB-13-00016-SHT-176-A	Mill Test Certificate for the first delivery of the 30" - ½ " pipes	SHT	M	05/19/14	06/18/14	05/29/14	10	C
	SUB-13-00016-SHT-176-B	Mill Test Certificate for the first delivery of the 30" - ½ " pipes	SHT	M	03/03/15	04/02/15	03/19/15	16	C
	SUB-13-00016-SHT-176-C	Mill Test Certificate for the first delivery of the 30" pipes	SHT	M	03/26/15	04/25/15	03/29/15	3	A
	SUB-13-00016-SHT-177-A	Shop Drawings: Structural and Mechanical Detail for valve chambers for 8" Beit Ummar Internal Network Water Pipeline	SHT	S	05/21/14	06/20/14	06/01/14	11	C
	SUB-13-00016-SHT-177-B	Shop Drawings: Structural and Mechanical Detail for valve chambers for 8" Beit Ummar Internal Network Water Pipeline	SHT	S	06/15/14	07/15/14	06/19/14	4	C
	SUB-13-00016-SHT-177-C	Shop Drawings: Structural and Mechanical Detail for valve chambers for 8" Beit Ummar Internal Network Water Pipeline	SHT	S	06/23/14	07/23/14	07/02/14	9	B
	SUB-13-00016-SHT-178-A	Shop Drawings: Retaining Wall at the access road at Sta.7+185 LHS	SHT	S	05/22/14	06/21/14	06/09/14	18	B
	SUB-13-00016-SHT-178-B	Shop Drawings: Retaining Wall at the access road at Sta.7+185 LHS-For Engineering Record	SHT	S	07/14/14	08/13/14	07/16/14	2	C
	SUB-13-00016-SHT-178-C	Shop Drawings: Retaining Wall at the access road at Sta.7+185 LHS	SHT	S	07/20/14	08/19/14	07/22/14	2	B
	SUB-13-00016-SHT-179-A	Shop Drawings: Plan for Milling and Overlay from Sta.7+515 to Sta.9+880	SHT	S	05/22/14	06/21/14	06/15/14	24	B
	SUB-13-00016-SHT-180-A	Shop Drawings: Water: Plan ,Profile and Typical Section from Sta.8+700 to Sta.9+300	SHT	S	05/26/14	06/25/14	05/31/14	5	B
	SUB-13-00016-SHT-180-B	Shop Drawings: Water: Plan ,Profile and Typical Section from Sta.8+700 to Sta.9+300 -For Engineering Record	SHT	S	06/16/14	07/16/14	06/19/14	3	B

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	SUB-13-00016-SHT-181-A	Shop Drawings: Pipe Culvert at Sta.0+543 -Al Aroub Road	SHT	S	06/02/14	07/02/14	06/12/14	10	C
	SUB-13-00016-SHT-181-B	Shop Drawings: Pipe Culvert at Sta.0+543 -Al Aroub Road	SHT	S	06/26/14	07/26/14	07/02/14	6	B
	SUB-13-00016-SHT-182-A	Shop Drawings: Water: Plan ,Profile and Typical Section from Sta.0+000 to Sta.1+110 -Halhul Water Distribution Network -Zaboud Water Pipeline	SHT	S	06/04/14	07/04/14	06/10/14	6	C
	SUB-13-00016-SHT-182-B	Shop Drawings: Water: Plan ,Profile and Typical Section from Sta.0+000 to Sta.1+110 -Halhul Water Distribution Network -Zaboud Water Pipeline	SHT	S	06/15/14	07/15/14	06/17/14	2	B
	SUB-13-00016-SHT-183-A	Shop Drawings: Plan, Profile and Typical Section from Sta.0+000 to Sta.1+218-Beit Ummar Water distribution Network-Al Arrub Water Pipeline -As per RFI No. (RFI-13-00016-SHT-020) -Amendment to Submittal No. (SUB-13-00016-SHT-142-C)	SHT	S	06/05/14	07/05/14	06/11/14	6	B
	SUB-13-00016-SHT-184-A	Updated Construction Schedule and S-curve -May 2014	SHT	SCH	06/08/14	07/08/14	06/18/14	10	B
	SUB-13-00016-SHT-185-A	Risk Management Program –Phase 02 from Sta.2+800 to Sta.6+800 and from Sta. 7 +515 to the End of the Project	SHT	P	06/10/14	07/10/14	06/17/14	7	B
	SUB-13-00016-SHT-186-A	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 1+200 to St. 2+780	SHT	S	06/11/14	07/11/14	06/18/14	7	B
	SUB-13-00016-SHT-187-A	Tee Fabrication Shop Drawings and calculation sheets 760 x 150 mm and 760 x 250 mm	SHT	S	06/11/14	07/11/14	06/18/14	7	C
	SUB-13-00016-SHT-187-B	Tee Fabrication Shop Drawings and calculation sheets 760 x 150 mm and 760 x 250 mm	SHT	S	07/22/14	08/21/14	08/06/14	15	C
	SUB-13-00016-SHT-187-C	Tee Fabrication Shop Drawings and calculation sheets 760 x 150 mm and 760 x 250 mm	SHT	S	08/11/14	09/10/14	08/28/14	17	B
	SUB-13-00016-SHT-188-A	Electro-Magnetic water meter-Siemens	SHT	M	06/11/14	07/11/14	06/18/14	7	C
	SUB-13-00016-SHT-188-B	Electro-Magnetic water meter-Siemens	SHT	M	08/06/14	09/05/14	08/12/14	6	B
	SUB-13-00016-SHT-189-A	EN 1092- Hubbed on Flanges for Welding for Nominal sizes up to 600mm-Alternative	SHT	M	06/11/14	07/11/14	06/17/14	6	B
	SUB-13-00016-SHT-190-A	Shop Drawings: Water : Plan , Profile and Typical Section from Sta.0+000 to Sta.1+350-Halhul Water Distribution Network -Shahera Water Pipeline	SHT	S	06/11/14	07/11/14	06/17/14	6	C
	SUB-13-00016-SHT-190-B	Shop Drawings: Water : Plan , Profile and Typical Section from Sta.0+000 to Sta.1+350-Halhul Water Distribution Network -Shahera Water Pipeline	SHT	S	06/21/14	07/21/14	06/22/14	1	B
	SUB-13-00016-SHT-191-A	Specific Method Statement - 30" pipe installation 0+000 - 1+200	SHT	P	06/11/14	07/11/14	06/24/14	13	B
	SUB-13-00016-SHT-192-A	Ultrasonic Weld Inspection Procedure 12" -30" Pipe line welds	SHT	P	06/15/14	07/15/14	06/30/14	15	C
	SUB-13-00016-SHT-192-B	Ultrasonic Weld Inspection Procedure 12" -30" Pipe line welds	SHT	P	07/09/14	08/08/14	07/09/14	0	B
	SUB-13-00016-SHT-192-C	Ultrasonic Weld Inspection Procedure 12" -30" Pipeline welds - For Engineering Record	SHT	P	07/16/14	08/15/14	07/23/14	7	B
	SUB-13-00016-SHT-193-A	Shop Drawings: Boundary Wall from Sta.6+935 to Sta.6+966 RHS and Retaining Wall from Sta.6+971 to Sta.7+036 RHS	SHT	S	06/16/14	07/16/14	06/29/14	13	C

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	SUB-13-00016-SHT-193-B	Shop Drawings: Boundary Wall from Sta.6+935 to Sta.7+036 RHS	SHT	S	07/06/14	08/05/14	07/16/14	10	B
	SUB-13-00016-SHT-194-A	Shop Drawings: Stone Wall from Sta.7+430 to Sta.7+475 RHS	SHT	S	06/18/14	07/18/14	07/02/14	14	B
	SUB-13-00016-SHT-195-A	Shop Drawings: Retaining Wall from Sta.7+200 to Sta.7+220 LHS	SHT	S	06/18/14	07/18/14	06/18/14	0	C
	SUB-13-00016-SHT-195-B	Shop Drawings: Retaining Wall from Sta.7+200 to Sta.7+220 LHS	SHT	S	06/23/14	07/23/14	06/29/14	6	B
	SUB-13-00016-SHT-196-A	Traffic Control Plan from Sta.0+000 to Sta.1+350 -Halhul Water Distribution Network -Shahera Water Pipeline	SHT	P	06/18/14	07/18/14	07/02/14	14	C
	SUB-13-00016-SHT-196-B	Traffic Control Plan from Sta.0+000 to Sta.1+350 -Halhul Water Distribution Network -Shahera Water Pipeline	SHT	P	08/17/14	09/16/14	08/20/14	3	B
	SUB-13-00016-SHT-197-A	Traffic Control Plan from Sta.0+000 to Sta.1+110 -Halhul Water Distribution Network -Zaboud Water Pipeline	SHT	P	06/18/14	07/18/14	06/19/14	1	B
	SUB-13-00016-SHT-198-A	Dilapidation Survey- 8" Halhul Network (Zaboud)	SHT	P	06/19/14	07/19/14	06/25/14	6	B
	SUB-13-00016-SHT-199-A	Shop Drawings: Retaining Wall from Sta.7+425 to Sta.7+430 RHS	SHT	S	06/19/14	07/19/14	06/29/14	10	C
	SUB-13-00016-SHT-199-B	Shop Drawings: Retaining Wall from Sta.7+425 to Sta.7+430 RHS	SHT	S	01/20/15	02/19/15	01/28/15	8	E
	SUB-13-00016-SHT-200-A	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 8+700 to St. 9+300	SHT	S	06/19/14	07/19/14	06/30/14	11	B
	SUB-13-00016-SHT-201-A	Qualified Welder Resume and Certificates – Jihad Ghatasheh	SHT	P	06/22/14	07/22/14	06/22/14	0	A
	SUB-13-00016-SHT-202-A	Shop Drawings: Retaining Wall from Sta.3+226.97 to Sta.3+295 RHS	SHT	S	06/22/14	07/22/14	07/16/14	24	C
	SUB-13-00016-SHT-202-B	Shop Drawings: Retaining Wall from Sta.3+226.97 to Sta.3+295 RHS	SHT	S	07/22/14	08/21/14	07/24/14	2	C
	SUB-13-00016-SHT-202-C	Shop Drawings: Retaining Wall from Sta.3+226.97 to Sta.3+295 RHS	SHT	S	08/03/14	09/02/14	08/20/14	17	E
	SUB-13-00016-SHT-202-D	Shop Drawings: Retaining Wall from Sta.3+226.97 to Sta.3+295 RHS	SHT	S	11/10/14	12/10/14	11/12/14	2	B
	SUB-13-00016-SHT-203-A	Risk Management Program - 8" Halhul Network (Zaboud)	SHT	P	06/22/14	07/22/14	06/25/14	3	B
	SUB-13-00016-SHT-204-A	Shop Drawings: Retaining Wall from Sta.6+873 to Sta.6+950 LHS	SHT	S	06/23/14	07/23/14	07/17/14	24	E
	SUB-13-00016-SHT-205-A	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 2+780 to St. 3+900	SHT	S	06/24/14	07/24/14	07/02/14	8	B
	SUB-13-00016-SHT-206-A	Shop Drawings: Concrete Gravity Wall from Sta.3+523 to Sta.3+537 RHS and from Sta.3+555 to Sta.3+573 RHS	SHT	S	06/24/14	07/24/14	07/17/14	23	B
	SUB-13-00016-SHT-207-A	Manufacturer "Bermad" sizing for Flow Control Valves – Amendment to Submittal No. SUB-13-00016-SHT-032-B	SHT	M	06/25/14	07/25/14	07/10/14	15	B
	SUB-13-00016-SHT-208-A	Shop Drawings: Retaining Wall from Sta.3+380 to Sta.3+464.92 RHS	SHT	S	06/26/14	07/26/14	07/21/14	25	B
	SUB-13-00016-SHT-208-B	Shop Drawings: Retaining Wall from Sta.3+380 to Sta.3+464.92 RHS - For Engineering Record	SHT	S	02/03/15	03/05/15	02/10/15	7	B
	SUB-13-00016-SHT-209-A	Shop Drawings: Structural and Mechanical Detail for valve chambers for 8" Zaboud Internal Network Water Pipeline	SHT	S	06/26/14	07/26/14	07/15/14	19	B
	SUB-13-00016-SHT-210-A	Motorized Actuated Butterfly Valve- VANESSA -BOQ item No. 4.2.6	SHT	M	06/30/14	07/30/14	07/15/14	15	C
	SUB-13-00016-SHT-210-B	Motorized Actuated Butterfly Valve- VANESSA -BOQ item No. 4.2.6	SHT	M	11/06/14	12/06/14	11/11/14	5	C
	SUB-13-00016-SHT-210-C	Motorized Actuated Butterfly Valve- VANESSA -BOQ item No. 4.2.6	SHT	M	12/24/14	01/23/15	12/31/14	7	B
	SUB-13-00016-SHT-210-D	Motorized Actuated Butterfly Valve- VANESSA -BOQ item No. 4.2.6 -For Engineering Record	SHT	M	01/21/15	02/20/15	02/01/15	11	A
	SUB-13-00016-SHT-211-A	Welders Performance Qualification Certificates and RT Test Report	SHT	P	07/06/14	08/05/14	07/10/14	4	B
	SUB-13-00016-SHT-211-B	Welders Performance Qualification Certificates and RT Test Report -For Engineering Record -RT Negative Films attached	SHT	P	08/07/14	09/06/14	08/21/14	14	B

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	SUB-13-00016-SHT-212-A	Shop Drawings: Retaining Wall from Sta.6+971.2 to Sta.6+990.57 LHS and from Sta.7+005.85 to Sta.7+020 LHS	SHT	S	07/07/14	08/06/14	07/20/14	13	E
	SUB-13-00016-SHT-213-A	Updated Construction Schedule and S-curve -June 30, 2014	SHT	SCH	07/07/14	08/06/14	07/20/14	13	B
	SUB-13-00016-SHT-214-A	Traffic Control Plan for Al Arrub Water Networks	SHT	P	07/08/14	08/07/14	07/09/14	1	C
	SUB-13-00016-SHT-214-B	Traffic Control Plan for Al Arrub Water Networks	SHT	P	02/09/15	03/11/15	02/10/15	1	B
	SUB-13-00016-SHT-215-A	Shop Drawings: Structural and Mechanical Detail for Kharas Junction Chamber at Sta.9+028	SHT	S	07/14/14	08/13/14	07/27/14	13	C
	SUB-13-00016-SHT-215-B	Shop Drawings: Structural and Mechanical Detail for Kharas Junction Chamber at Sta.9+028	SHT	S	08/13/14	09/12/14	08/18/14	5	B
	SUB-13-00016-SHT-216-A	Welders Certificates and RT Test Results (G. Veeraswamy and D. Nagasatyanarayana)	SHT	P	07/10/14	08/09/14	07/22/14	12	B
	SUB-13-00016-SHT-216-B	Welders Certificates and RT Test Results (G. Veeraswamy and D. Nagasatyanarayana)- For Engineering Record- RT Negative films included	SHT	P	07/16/14	08/15/14	07/22/14	6	A
	SUB-13-00016-SHT-217-A	Traffic Control Plan for Al Nabi Younes Intersection	SHT	P	07/10/14	08/09/14	07/15/14	5	B
	SUB-13-00016-SHT-218-A	Shop Drawings: Water : Plan , Profile and Typical Section from Sta.3+900 to Sta.4+950	SHT	S	07/13/14	08/12/14	08/04/14	22	C
	SUB-13-00016-SHT-218-B	Shop Drawings: Water : Plan , Profile and Typical Section from Sta.3+900 to Sta.4+950	SHT	S	08/12/14	09/11/14	08/25/14	13	C
	SUB-13-00016-SHT-218-C	Shop Drawings: Water : Plan , Profile and Typical Section from Sta.3+900 to Sta.4+950	SHT	S	08/31/14	09/30/14	09/04/14	4	B
	SUB-13-00016-SHT-219-A	Shop Drawings: Structural and Mechanical Detail for Washout Chamber at Sta.0+620 & ARV Valve Chamber @ Sta.0+743	SHT	S	07/15/14	08/14/14	08/05/14	21	C
	SUB-13-00016-SHT-219-B	Shop Drawings: Structural and Mechanical Detail for Washout Chamber at Sta.0+620 & ARV Valve Chamber @ Sta.0+743	SHT	S	09/01/14	10/01/14	09/11/14	10	B
	SUB-13-00016-SHT-220-A	Shop Drawings: Storm Water : Plan, Profile& Typical Details from Sta.8+240 to Sta.9+060	SHT	S	07/15/14	08/14/14	08/10/14	26	E
	SUB-13-00016-SHT-221-A	Video recording for Internal mortar cement lining repair of installed 30" pipes from St. 1+190.60 to St. 0+594.39.	SHT	P	07/16/14	08/15/14	07/27/14	11	C
	SUB-13-00016-SHT-221-B	Video recording for Internal mortar cement lining repair of installed 30" pipes from St. 1+190.60 to St. 0+594.39	SHT	P	02/09/15	03/11/15	02/15/15	6	B
	SUB-13-00016-SHT-222-A	Structural and Mechanical detail For Washout Chamber For 30"*10" at Sta.7+223& Washout Chamber For 6"*3" at Sta.7+230	SHT	S	07/20/14	08/19/14	08/04/14	15	C
	SUB-13-00016-SHT-222-B	Structural and Mechanical detail For Washout Chamber For 30"*10" at Sta.7+223& Washout Chamber For 6"*3" at Sta.7+230	SHT	S	03/12/15	04/11/15	03/19/15	7	E
	SUB-13-00016-SHT-223-A	JMF for asphalt wearing ¾" -Roots- Co	SHT	M	07/20/14	08/19/14	07/24/14	4	A
	SUB-13-00016-SHT-224-A	Concrete Ready-Mix Design Class B35-Size 20 mm-Al A'abed Concrete Ready-Mix Plant	SHT	M	07/24/14	08/23/14	08/05/14	12	B
	SUB-13-00016-SHT-225-A	Shop Drawing: Structural and Mechanical detail For Deir Sha'ar Connection Chamber @ Sta.0+155	SHT	S	07/24/14	08/23/14	08/12/14	19	C

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	SUB-13-00016-SHT-225-B	Shop Drawing: Structural and Mechanical detail For Deir Sha'ar Connection Chamber @ Sta.1+280	SHT	S	08/26/14	09/25/14	09/03/14	8	C
	SUB-13-00016-SHT-225-C	Shop Drawing: Structural and Mechanical detail For Deir Sha'ar Connection Chamber @ Sta.1+280	SHT	S	09/16/14	10/16/14	10/02/14	16	C
	SUB-13-00016-SHT-225-D	Shop Drawing: Structural and Mechanical detail For Deir Sha'ar Connection Chamber @ Sta.1+280	SHT	S	10/16/14	11/15/14	10/22/14	6	B
	SUB-13-00016-SHT-225-E	Shop Drawing: Structural and Mechanical detail For Deir Sha'ar Connection Chamber @ Sta.1+280 -For Engineering Record	SHT	S	10/23/14	11/22/14	10/28/14	5	B
	SUB-13-00016-SHT-226-A	Pre Cast Concrete for Water Chamber 1.50m *1.5m*2.0m- addaci Co.	SHT	M	07/24/14	08/23/14	08/14/14	21	C
	SUB-13-00016-SHT-226-B	Pre Cast Concrete for Water Chamber 1.50m *1.5m*2.0m- addaci Co.	SHT	M	09/23/14	10/23/14	09/25/14	2	E
	SUB-13-00016-SHT-227-A	Updated Construction Schedule and S-curve -July 31,2014	SHT	SCH	08/07/14	09/06/14	08/19/14	12	B
	SUB-13-00016-SHT-228-A	Procedure Qualification Record (PQR)and Welding Procedure Specification (WPS)	SHT	P	08/14/14	09/13/14	08/28/14	14	C
	SUB-13-00016-SHT-228-B	Procedure Qualification Record (PQR)and Welding Procedure Specification (WPS)	SHT	P	09/03/14	10/03/14	09/15/14	12	B
	SUB-13-00016-SHT-229-A	Precast water manhole	SHT	M	08/17/14	09/16/14	09/01/14	15	D
	SUB-13-00016-SHT-229-B	Precast water manhole	SHT	M	09/04/14	10/04/14	09/09/14	5	B
	SUB-13-00016-SHT-230-A	Shop Drawings: Water : Plan , Profile and Typical section from Sta.9+090 to Sta.9+450 -Deer Sha'ar Main pipeline -New Alignment for water pipe line	SHT	S	08/17/14	09/16/14	09/09/14	23	B
	SUB-13-00016-SHT-231-A	Shop Drawings: Water: Plan ,Profile and Typical Section from Sta.7+500 to Sta.8+700	SHT	S	08/24/14	09/23/14	08/28/14	4	C
	SUB-13-00016-SHT-231-B	Shop Drawings: Water: Plan ,Profile and Typical Section from Sta.7+500 to Sta.8+700	SHT	S	09/04/14	10/04/14	09/09/14	5	C
	SUB-13-00016-SHT-231-C	Shop Drawings: Water: Plan ,Profile and Typical Section from Sta.7+500 to Sta.8+700	SHT	S	01/21/15	02/20/15	01/25/15	4	B
	SUB-13-00016-SHT-232-A	Welders Performance Qualification No.214149 (Kapanthi Srinivas)	SHT	P	08/24/14	09/23/14	09/04/14	11	C
	SUB-13-00016-SHT-232-B	Welders Performance Qualification No.214149 (Kapanthi Srinivas)	SHT	P	09/09/14	10/09/14	09/15/14	6	A
	SUB-13-00016-SHT-233-A	Steel Manhole Cover for Storm System and Water System - KURDIEH & SONS LTD	SHT	M	08/28/14	09/27/14	09/24/14	27	B
	SUB-13-00016-SHT-234-A	Ball Valve-Tyco F120 for Pressure Gauge	SHT	M	08/28/14	09/27/14	09/03/14	6	B
	SUB-13-00016-SHT-235-A	Shop Drawings: Water : Plan , Profile and Typical Section from Sta.4+950 to Sta.6+000	SHT	S	08/31/14	09/30/14	09/15/14	15	B
	SUB-13-00016-SHT-236-A	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 3+900 to St. 4+950	SHT	S	09/01/14	10/01/14	09/04/14	3	B
	SUB-13-00016-SHT-237-A	Updated Construction Schedule and S-curve -August 31,2014	SHT	SCH	09/07/14	10/07/14	09/22/14	15	B
	SUB-13-00016-SHT-238-A	Shop Drawings: Structural and Mechanical Detail for Washout Chamber at Sta.1+530 and Washout Chamber at Sta.2+230 & ARV Valve Chamber at Sta.1+942	SHT	S	09/07/14	10/07/14	09/15/14	8	B
	SUB-13-00016-SHT-239-A	Storm Water Pipes - Trust for Concrete Industries Company	SHT	M	12/08/14	01/07/15	12/18/14	10	C
	SUB-13-00016-SHT-239-B	Storm Water Pipes - Trust for Concrete Industries Company	SHT	M	03/17/15	04/16/15	03/18/15	1	E
	SUB-13-00016-SHT-240-A	Fasteners- TorqBolt Inc.	SHT	M	09/09/14	10/09/14	09/15/14	6	B

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	SUB-13-00016-SHT-241-A	Pre-cast hand hole manhole for 2" gate valve- Adassi Co.	SHT	M	09/09/14	10/09/14	09/25/14	16	E
	SUB-13-00016-SHT-242-A	Adjustable support for pipes & Fittings inside chambers.	SHT	M	09/11/14	10/11/14	09/15/14	4	B
	SUB-13-00016-SHT-243-A	Traffic Control Plan for Al Nabi Younes Intersection 6" & 8" from Sta.0+000 to Sta.1+300	SHT	P	09/11/14	10/11/14	09/22/14	11	B
	SUB-13-00016-SHT-244-A	Traffic Control Plan from Sta.4+220 to Sta.5+500	SHT	S	09/11/14	10/11/14	09/22/14	11	B
	SUB-13-00016-SHT-245-A	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 7+500 to St. 8+700	SHT	S	09/11/14	10/11/14	09/18/14	7	B
	SUB-13-00016-SHT-246-A	Traffic Control Plan from Sta.7+500 to Sta.9+100	SHT	P	09/11/14	10/11/14	09/11/14	0	B
	SUB-13-00016-SHT-247-A	Shop Drawings: Storm Water : Plan, Profile& Typical Details from Sta.7+950 to Sta.8+240	SHT	S	09/17/14	10/17/14	09/29/14	12	C
	SUB-13-00016-SHT-247-B	Shop Drawings: Storm Water : Plan, Profile& Typical Details from Sta.7+950 to Sta.8+240	SHT	S	10/22/14	11/21/14	10/26/14	4	C
	SUB-13-00016-SHT-247-C	Shop Drawings: Storm Water : Plan, Profile& Typical Details from Sta.7+950 to Sta.8+240	SHT	S	11/02/14	12/02/14	11/10/14	8	B
	SUB-13-00016-SHT-248-A	Shop Drawings: Structural and Mechanical Detail for Washout Chamber at Sta.A0+620 , Washout at Sta.A1+530 and Washout at Sta.A2+230	SHT	S	09/20/14	10/20/14	09/30/14	10	B
	SUB-13-00016-SHT-249-A	Steel pipes-Tzinorot -16", 20" and 24"	SHT	M	09/20/14	10/20/14	09/21/14	1	B
	SUB-13-00016-SHT-250-A	Shop Drawings: Retaining Wall from Sta.4+345 to Sta.4+365 RHS	SHT	S	09/21/14	10/21/14	09/30/14	9	B
	SUB-13-00016-SHT-251-A	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 4+950 to St. 6+000	SHT	S	09/23/14	10/23/14	10/02/14	9	B
	SUB-13-00016-SHT-252-A	Shop Drawing: Structural and Mechanical detail For ARV Chamber @ Sta.2+782& ARV Chamber @Sta.3+303& ARV Chamber @Sta.3+745&Washout Chamber @Sta.2+857	SHT	S	09/28/14	10/28/14	10/16/14	18	C
	SUB-13-00016-SHT-252-B	Shop Drawing: Structural and Mechanical detail For ARV Chamber @ Sta.2+782& ARV Chamber @Sta.3+303& ARV Chamber @Sta.3+745&Washout Chamber @Sta.2+857	SHT	S	10/29/14	11/28/14	11/05/14	7	B
	SUB-13-00016-SHT-253-A	Shop Drawing: Structural and Mechanical detail For ALAROUB CAMP Connection @ Sta.0+020	SHT	S	09/28/14	10/28/14	10/16/14	18	C
	SUB-13-00016-SHT-253-B	Shop Drawing: Structural and Mechanical detail For ALAROUB CAMP Connection @ Sta.0+020	SHT	S	10/23/14	11/22/14	10/29/14	6	B
	SUB-13-00016-SHT-254-A	Shop Drawing: Structural & Mechanical Detail For Al Aroub- 75mm Washout@Sta.0+537&50mmWashout@Sta.0+540&100mm Gate Valve @ Sta.0+710	SHT	S	09/28/14	10/28/14	10/16/14	18	B
	SUB-13-00016-SHT-255-A	Shop Drawing: Structural & Mechanical Detail For Al Aroub- Gate Valve @ Sta.0+584&Gate Valve @ Sta.1+214	SHT	S	09/28/14	10/28/14	10/16/14	18	B
	SUB-13-00016-SHT-256-A	Manholes Rungs-Eyar Plast Ltd Co.	SHT	M	09/28/14	10/28/14	10/16/14	18	B
	SUB-13-00016-SHT-257-A	Shop Drawings: Water : Plan , Profile and Typical section from Sta.0+100 to Sta.0+725 -Al Nabi Younis Water Pipeline(8")	SHT	S	09/29/14	10/29/14	10/13/14	14	C
	SUB-13-00016-SHT-257-B	Shop Drawings: Water : Plan , Profile and Typical section from Sta.0+100 to Sta.0+725 -Al Nabi Younis Water Pipeline(8")	SHT	S	10/16/14	11/15/14	10/20/14	4	B

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	SUB-13-00016-SHT-258-A	Shop Drawing: Structural & Mechanical Detail For Washout at Sta.5+894 , Washout at Sta.7+192 and Washout at Sta.10+600	SHT	S	09/30/14	10/30/14	10/16/14	16	C
	SUB-13-00016-SHT-258-B	Shop Drawing: Structural & Mechanical Detail For Washout at Sta.5+894 , Washout at Sta.7+192 and Washout at Sta.10+600	SHT	S	01/15/15	02/14/15	02/02/15	18	C
	SUB-13-00016-SHT-258-C	Shop Drawing: Structural & Mechanical Detail For Washout at Sta.5+894 , Washout at Sta.7+192 and Washout at Sta.10+600	SHT	S	02/15/15	03/17/15	02/23/15	8	B
	SUB-13-00016-SHT-258-D	Shop Drawing: Structural & Mechanical Detail For Washout at Sta.5+894 , Washout at Sta.7+192 and Washout at Sta.10+600 - For Engineering Record	SHT	S	03/01/15	03/31/15	03/12/15	11	B
	SUB-13-00016-SHT-259-A	Shop Drawings: Structural and Mechanical Detail for ARV Chamber at Sta.4+082 ,W.O Chamber at Sta.4+593 , ARV Chamber at Sta.4+991 , ARV Chamber at Sta.5+607 , ARV Chamber at Sta.6+040 and ARV Chamber at Sta.6+600-Deer Sha'ar Main Pipeline	SHT	S	10/02/14	11/01/14	10/20/14	18	C
	SUB-13-00016-SHT-259-B	Shop Drawings: Structural and Mechanical Detail for ARV Chamber at Sta.4+082 ,W.O Chamber at Sta.4+593 , ARV Chamber at Sta.4+991 , ARV Chamber at Sta.5+607 , ARV Chamber at Sta.6+040 and ARV Chamber at Sta.6+600-Deer Sha'ar Main Pipeline	SHT	S	10/29/14	11/28/14	11/05/14	7	B
	SUB-13-00016-SHT-260-A	Shop Drawings: Structural and Mechanical Detail for Beit Ummar Connection Chamber at Sta.3+485	SHT	S	10/02/14	11/01/14	10/16/14	14	C
	SUB-13-00016-SHT-260-B	Shop Drawings: Structural and Mechanical Detail for Beit Ummar Connection Chamber at Sta.3+485	SHT	S	10/23/14	11/22/14	10/29/14	6	B
	SUB-13-00016-SHT-260-C	Shop Drawings: Structural and Mechanical Detail for Beit Ummar Connection Chamber at Sta.3+485 -For Engineering Record	SHT	S	11/30/14	12/30/14	12/10/14	10	B
	SUB-13-00016-SHT-261-A	Bolts and Nuts Sample - Torq Bolt Inc.	SHT	M	10/12/14	11/11/14	10/16/14	4	B
	SUB-13-00016-SHT-262-A	Shop Drawings: Water : Plan , Profile and Typical Section from Sta.6+000 to Sta.6+780	SHT	S	10/12/14	11/11/14	11/11/14	30	B
	SUB-13-00016-SHT-262-B	Shop Drawings: Water : Plan , Profile and Typical Section from Sta.6+000 to Sta.6+780 - For Engineering Record	SHT	S	11/19/14	12/19/14	12/10/14	21	B
	SUB-13-00016-SHT-262-C	Shop Drawings: Water : Plan , Profile and Typical Section from Sta.6+000 to Sta.6+780 - For Engineering Record	SHT	S	12/18/14	01/17/15	12/23/14	5	B
	SUB-13-00016-SHT-263-A	Shop Drawings: Structural and Mechanical Detail for 200 mm Gate Valve at Sta.2+781 , 75mm Washout Chamber at Sta.2+858 , 75mm ARV Chamber at Sta.3+301 , Two 200 mm combined Gate Valve at Sta.3+490 and 75mm ARV Chamber at Sta.3+743 -Deer Sha'ar Main Pipeline	SHT	S	10/12/14	11/11/14	10/20/14	8	C
	SUB-13-00016-SHT-263-B	Shop Drawings: Structural and Mechanical Detail for 200 mm Gate Valve at Sta.2+781 , 75mm Washout Chamber at Sta.2+858 , 75mm ARV Chamber at Sta.3+301 , Two 200 mm combined Gate Valve at Sta.3+490 and 75mm ARV Chamber at Sta.3+743 -Deer Sha'ar Main Pipeline	SHT	S	10/30/14	11/29/14	11/11/14	12	B
	SUB-13-00016-SHT-264-A	Updated Construction Schedule and S-curve -September 30,2014	SHT	SCH	10/12/14	11/11/14	10/16/14	4	B
	SUB-13-00016-SHT-265-A	Traffic Control Plan from Sta.2+800 to Sta.4+200 –Beit Ummar -30'' Main Pipeline	SHT	P	10/13/14	11/12/14	10/15/14	2	B

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	SUB-13-00016-SHT-266-A	Shop Drawings: Structural and Mechanical Detail for Beit Ummar Flow Monitoring Chamber at Sta.4+625	SHT	S	10/20/14	11/19/14	11/02/14	13	C
	SUB-13-00016-SHT-266-B	Shop Drawings: Structural and Mechanical Detail for Beit Ummar Flow Monitoring Chamber at Sta.4+625	SHT	S	01/04/15	02/03/15	01/19/15	15	B
	SUB-13-00016-SHT-267-A	Updated Dilapidation Survey for Al Nabi Younis Networks	SHT	P	10/20/14	11/19/14	10/26/14	6	B
	SUB-13-00016-SHT-268-A	Updated Risk Management Program for Al Nabi Younis Networks	SHT	P	10/20/14	11/19/14	10/26/14	6	B
	SUB-13-00016-SHT-269-A	Electromagnetic flow meter at Halhaul Reservoir- Siemens-MAG 3100 –BOQ items 4.2.6, 9.1.1, 9.1.2, 9.1.3	SHT	M	10/27/14	11/26/14	10/29/14	2	B
	SUB-13-00016-SHT-270-A	Shop Drawings: Water : Plan, Profile and Typical Section from Sta.-0+036 to Sta.0+140	SHT	S	10/29/14	11/28/14	11/12/14	14	B
	SUB-13-00016-SHT-270-B	Shop Drawings: Water: Plan ,Profile and Typical Section from Sta.-0+023 to Sta.0+140 -For Engineering Record	SHT	S	02/01/15	03/03/15	02/25/15	24	B
	SUB-13-00016-SHT-271-A	Flexible electrical conduit	SHT	M	10/29/14	11/28/14	11/24/14	26	B
	SUB-13-00016-SHT-272-A	Lighting Pole- Amria lighting – BOQ item 5.05	SHT	M	10/30/14	11/29/14	11/24/14	25	C
	SUB-13-00016-SHT-273-A	Shop Drawings: Water 6" : Plan , Profile and Typical Section from Sta.0+000 to Sta.0+810 - Al Nabi Younis Water Pipeline	SHT	S	11/03/14	12/03/14	11/06/14	3	B
	SUB-13-00016-SHT-274-A	Manholes Rungs-Sample	SHT	M	11/05/14	12/05/14	11/24/14	19	C
	SUB-13-00016-SHT-274-B	Manholes Rungs-Sample	SHT	M	12/24/14	01/23/15	01/05/15	12	B
	SUB-13-00016-SHT-275-A	Updated Construction Schedule and S-curve -October 31,2014	SHT	SCH	11/09/14	12/09/14	11/17/14	8	B
	SUB-13-00016-SHT-276-A	Electrical cables for lighting poles –BOQ item No. 5.05	SHT	M	11/09/14	12/09/14	11/12/14	3	B
	SUB-13-00016-SHT-277-A	Street luminaries-lamp and accessories -BOQ item No. 5.05	SHT	M	11/09/14	12/09/14	11/12/14	3	B
	SUB-13-00016-SHT-278-A	Blow-off strainer ball valve -BOQ items 4.2.1 to 4.2.7	SHT	M	11/09/14	12/09/14	11/11/14	2	B
	SUB-13-00016-SHT-279-A	Butterfly valve-Raphael-BTF -BOQ items 4.2.6, 4.2.5, 4.6.2	SHT	M	11/12/14	12/12/14	11/19/14	7	C
	SUB-13-00016-SHT-279-B	Butterfly valve-Raphael-BTF -BOQ items 4.2.6, 4.2.5, 4.6.2	SHT	M	12/04/14	01/03/15	12/09/14	5	B
	SUB-13-00016-SHT-280-A	Gate Valve-Raphael TRL, PN 16-DN 80& DN 100 - BOQ items 4.1.4, 4.2.4, 4.2.5, 4.4.5,4.4.6 , 4.6.3 , 4.6.4	SHT	M	11/12/14	12/12/14	11/19/14	7	B
	SUB-13-00016-SHT-281-A	Shop Drawings: Stone Walls from Sta.4+335 to Sta.4+343 RHS , from Sta.4+370 to Sta.4+379 RHS , from Sta.4+386 to Sta.4+401 RHS, from Sta.4+404 to Sta.4+480 RHS, from Sta.4+483 to Sta.4+491 RHS and from Sta.4+498 to Sta.4+520 RHS	SHT	S	11/12/14	12/12/14	11/19/14	7	B
	SUB-13-00016-SHT-282-A	Shop Drawings : Stone Walls from Sta.4+440 to Sta.4+475 LHS , from Sta.4+478 to Sta.4+505 LHS and from Sta.4+509 to Sta.4+640 LHS	SHT	S	11/12/14	12/12/14	11/19/14	7	B
	SUB-13-00016-SHT-283-A	Shop Drawings: Retaining Wall from Sta.4+422 to Sta.4+440 LHS	SHT	S	11/12/14	12/12/14	11/24/14	12	C
	SUB-13-00016-SHT-283-B	Shop Drawings: Retaining Wall from Sta.4+422 to Sta.4+440 LHS	SHT	S	12/01/14	12/31/14	12/14/14	13	B
	SUB-13-00016-SHT-284-A	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 6+000 to St. 6+780	SHT	S	11/27/14	12/27/14	12/08/14	11	B
	SUB-13-00016-SHT-285-A	Shop Drawing: Structural and Mechanical detail For Deir Sha'ar Connection Chamber @ Sta.1+280 -Amendment to Submittal No. : SUB-13-00016-SHT-225-E	SHT	S	11/30/14	12/30/14	12/03/14	3	B
	SUB-13-00016-SHT-285-B	Shop Drawing: Structural and Mechanical detail For Deir Sha'ar Connection Chamber @ Sta.1+280 -Amendment to Submittal No. : SUB-13-00016-SHT-225-E - For Engineering Record	SHT	S	12/14/14	01/13/15	12/17/14	3	B

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	SUB-13-00016-SHT-286-A	Shop Drawings: Structural and Mechanical detail for 6" ARV Chamber at Sta.8+400 , 6" ARV Chamber at Sta.8+878 and 10" ARV Chamber at Sta.9+210	SHT	S	11/30/14	12/30/14	12/22/14	22	B
	SUB-13-00016-SHT-287-A	Shop Drawings: Road :Plan , Profile and Cross Section from Sta.6+150 to Sta.6+850	SHT	S	12/02/14	01/01/15	12/11/14	9	C
	SUB-13-00016-SHT-287-B	Shop Drawings: Road :Plan , Profile and Cross Section from Sta.6+150 to Sta.6+850	SHT	S	12/16/14	01/15/15	12/21/14	5	B
	SUB-13-00016-SHT-288-A	Shop Drawings: Water 3" : Plan , Profile and Typical section from Sta.0+000 to Sta.0+385 -Al Hawawer Water Pipeline	SHT	S	12/03/14	01/02/15	12/17/14	14	C
	SUB-13-00016-SHT-288-B	Shop Drawings: Water 3" : Plan , Profile and Typical section from Sta.0+000 to Sta.0+385 -Al Hawawer Water Pipeline	SHT	S	12/24/14	01/23/15	12/28/14	4	B
	SUB-13-00016-SHT-289-A	Shop Drawings: Structural and Mechanical Detail for Washout Chamber at Sta.2+857 -As per CMC comments on Submittal No. SUB-13-00016-SHT-252-B	SHT	S	12/03/14	01/02/15	12/16/14	13	B
	SUB-13-00016-SHT-289-B	Shop Drawings: Structural and Mechanical Detail for Washout Chamber at Sta.2+857 -As per CMC comments on Submittal No. SUB-13-00016-SHT-252-B- For Engineering Record	SHT	S	02/11/15	03/13/15	02/23/15	12	B
	SUB-13-00016-SHT-290-A	Traffic Control Plan for Al Nabi Younes Intersection 4" from Sta.0+000 to Sta.0+600	SHT	P	12/09/14	01/08/15	12/14/14	5	B
	SUB-13-00016-SHT-291-A	Dilapidation Survey for Al Ramooz -Al Nabi Younis 4" Network	SHT	P	12/08/14	01/07/15	12/09/14	1	B
	SUB-13-00016-SHT-292-A	Risk Management Program for Al Ramooz -Al Nabi Younis 4" Network	SHT	P	12/08/14	01/07/15	12/09/14	1	B
	SUB-13-00016-SHT-293-A	Concrete curing compound material	SHT	M	12/08/14	01/07/15	12/11/14	3	B
	SUB-13-00016-SHT-294-A	Pressure Gauge-Wika	SHT	M	12/08/14	01/07/15	12/18/14	10	B
	SUB-13-00016-SHT-295-A	Updated Construction Schedule and S-curve -November 30,2014	SHT	SCH	12/08/14	01/07/15	12/22/14	14	B
	SUB-13-00016-SHT-296-A	New source of Bedding materials (Somsom)	SHT	M	12/10/14	01/09/15	12/11/14	1	B
	SUB-13-00016-SHT-297-A	Shop Drawings: Structural and Mechanical Detail for: Beit Ummar Connection & Washout at Sta.2+290 –and Al Aroub Connection at Sta.0+204	SHT	S	12/11/14	01/10/15	12/24/14	13	C
	SUB-13-00016-SHT-297-B	Shop Drawings: Structural and Mechanical Detail for: Beit Ummar Connection & Washout at Sta.2+290 –and Al Aroub Connection at Sta.0+204	SHT	S	01/04/15	02/03/15	01/17/15	13	B
	SUB-13-00016-SHT-298-A	Shop Drawings: Water : Plan , Profile and Typical Section from Sta.9+415 to Sta.10+730	SHT	S	12/11/14	01/10/15	12/30/14	19	C
	SUB-13-00016-SHT-298-B	Shop Drawings: Water : Plan , Profile and Typical Section from Sta.9+415 to Sta.10+730	SHT	S	01/05/15	02/04/15	01/22/15	17	B
	SUB-13-00016-SHT-298-C	Shop Drawings: Water : Plan , Profile and Typical Section from Sta.9+415 to Sta.10+730 - For Engineering Record	SHT	S	01/27/15	02/26/15	01/28/15	1	B
	SUB-13-00016-SHT-299-A	Washout Flap Valve-ARI - BOQ items 4.6.1, 4.6.2, 4.6.3,4.6.4 &4.6.5	SHT	M	12/11/14	01/10/15	12/18/14	7	B
	SUB-13-00016-SHT-300-A	6" high density Poly-Ethylene Pipes -Palestine Plastic Industries Co.	SHT	M	12/14/14	01/13/15	12/18/14	4	B
	SUB-13-00016-SHT-301-A	400 mm UPVC pipes SN 8 - Royal Co. to be used in item 4.01.a	SHT	M	12/15/14	01/14/15	12/24/14	9	B
	SUB-13-00016-SHT-302-A	Storm water pipes- PCP factory	SHT	M	12/17/14	01/16/15	12/24/14	7	B

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	SUB-13-00016-SHT-303-A	Shop Drawings: Storm Water : Plan , Profile and Typical Details from Sta.7+180 to Sta.7+240 and from Sta.7+300 to Sta.7+345	SHT	S	12/18/14	01/17/15	12/30/14	12	C
	SUB-13-00016-SHT-303-B	Shop Drawings: Storm Water : Plan , Profile and Typical Details from Sta.7+180 to Sta.7+240 and from Sta.7+300 to Sta.7+345	SHT	S	01/06/15	02/05/15	01/12/15	6	B
	SUB-13-00016-SHT-304-A	A second third party source for Radiography and ultrasound testing	SHT	P	12/21/14	01/20/15	12/22/14	1	A
	SUB-13-00016-SHT-305-A	Curb inlet for Sidewalk from Al Waleed Co.	SHT	M	12/24/14	01/23/15	01/12/15	19	B
	SUB-13-00016-SHT-306-A	Cover for Storm water	SHT	M	12/24/14	01/23/15	01/12/15	19	B
	SUB-13-00016-SHT-307-A	Dilapidation Survey for the new alignment from Sta.9+400 to 12+000	SHT	P	12/24/14	01/23/15	01/04/15	11	B
	SUB-13-00016-SHT-308-A	Risk Management Program for the new alignment from Sta.9+400 to 12+000	SHT	P	12/24/14	01/23/15	01/04/15	11	B
	SUB-13-00016-SHT-309-A	Traffic Control Plan from Sta.6+280 to Sta.6+820-Deer Shaar Main Pipeline	SHT	P	12/28/14	01/27/15	01/04/15	7	B
	SUB-13-00016-SHT-310-A	UT test results for four joints performed by Gabi Shoef	SHT	P	12/29/14	01/28/15	01/11/15	13	A
	SUB-13-00016-SHT-311-A	Nitocote EP405 -Coating material Epoxy non coated pipes	SHT	M	12/29/14	01/28/15	01/04/15	6	E
	SUB-13-00016-SHT-312-A	Traffic Control Plan from Sta.0+000 to Sta.0+400 for 3' Al Hawawer Water Pipeline	SHT	P	12/29/14	01/28/15	01/04/15	6	B
	SUB-13-00016-SHT-313-A	Shop Drawings: Structural and Mechanical Detail for Karmi Tzure Connection Chamber at Sta.6+240	SHT	S	12/29/14	01/28/15	01/17/15	19	C
	SUB-13-00016-SHT-313-B	Shop Drawings: Structural and Mechanical Detail for Karmi Tzure Connection Chamber at Sta.6+240	SHT	S	01/21/15	02/20/15	02/02/15	12	B
	SUB-13-00016-SHT-314-A	Shop Drawings: Retaining Wall from Sta.3+150 to Sta.3+205 RHS	SHT	S	12/31/14	01/30/15	01/19/15	19	C
	SUB-13-00016-SHT-314-B	Shop Drawings: Retaining Wall from Sta.3+150 to Sta.3+220 RHS	SHT	S	01/26/15	02/25/15	02/08/15	13	B
	SUB-13-00016-SHT-315-A	Power and Control cables -BOQ item No. 9.5	SHT	M	12/31/14	01/30/15	01/11/15	11	C
	SUB-13-00016-SHT-316-A	Qualification for electrical and instrumentation supplier- IC Systems Co ltd, For Industrial Control Systems	SHT	P	01/04/15	02/03/15	01/11/15	7	A
	SUB-13-00016-SHT-317-A	Shop Drawings: Structural & Mechanical Detail for: Connection to existing MD10 at Sta.3+780, 2" ARV at Sta.4+082 and W.O & G.V @ Sta.4+590	SHT	S	01/04/15	02/03/15	01/19/15	15	B
	SUB-13-00016-SHT-318-A	Updated Construction Schedule and S-Curve- December 31,2014	SHT	SCH	01/06/15	02/05/15	01/21/15	15	B
	SUB-13-00016-SHT-319-A	Shop Drawings : Structural and Mechanical Detail for 100mm G.V at Sta.6+820 , 75mm ARV at Sta.8+397 and 75mm ARV at Sta.9+210	SHT	S	01/14/15	02/13/15	01/17/15	3	B
	SUB-13-00016-SHT-320-A	Halhaul Tank electrical panel –BOQ item No. 9.4	SHT	M	01/13/15	02/12/15	02/04/15	22	C
	SUB-13-00016-SHT-320-B	Halhaul Tank electrical panel –B.O.Q item No.: 9.4 and VO-4.61	SHT	M	06/03/15	07/03/15	06/22/15	19	B
	SUB-13-00016-SHT-321-A	Drainage manhole and Catch Basin –PCP Co.- BOQ items 4.02.a and 4.03.a	SHT	M	01/18/15	02/17/15	01/28/15	10	B
	SUB-13-00016-SHT-322-A	Shop Drawings: Water : Plan , Profile and Typical Section from Sta.10+730 to Sta.11+610	SHT	S	01/18/15	02/17/15	01/25/15	7	C
	SUB-13-00016-SHT-322-B	Shop Drawings: Water : Plan , Profile and Typical Section from Sta.10+730 to Sta.11+610	SHT	S	01/28/15	02/27/15	02/01/15	4	B
	SUB-13-00016-SHT-323-A	Structural and Mechanical detail for Halhul Main Connection Chamber and Halhul Connection to Existing at Sta.8+890	SHT	S	01/18/15	02/17/15	02/01/15	14	C
	SUB-13-00016-SHT-323-B	Structural and Mechanical detail for Halhul Main Connection Chamber and Halhul Connection to Existing at Sta.8+890	SHT	S	02/16/15	03/18/15	02/23/15	7	C

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	SUB-13-00016-SHT-323-C	Structural and Mechanical detail for Halhul Main Connection Chamber and Halhul Connection to Existing at Sta.8+890	SHT	S	03/01/15	03/31/15	03/18/15	17	B
	SUB-13-00016-SHT-324-A	Bladder Surge Tank -Wessels - BOQ item No. 8.1	SHT	M	01/18/15	02/17/15	01/25/15	7	B
	SUB-13-00016-SHT-324-B	Bladder Surge Tank -Wessels - BOQ item No. 8.1 -For Engineering Record	SHT	M	02/24/15	03/26/15	03/09/15	13	B
	SUB-13-00016-SHT-325-A	Dilapidation Survey for Al Hawawer 3" Network	SHT	P	01/21/15	02/20/15	01/22/15	1	B
	SUB-13-00016-SHT-326-A	AVROT - Paladex Pipe	SHT	M	01/21/15	02/20/15	01/26/15	5	B
	SUB-13-00016-SHT-327-A	Shop Drawings: Structural and Mechanical detail for Halhul Reservoir Flow Monitoring Chamber at Sta.11+930	SHT	S	01/22/15	02/21/15	01/29/15	7	C
	SUB-13-00016-SHT-327-B	Shop Drawings: Structural and Mechanical detail for Halhul Reservoir Flow Monitoring Chamber at Sta.11+900	SHT	S	02/09/15	03/11/15	02/16/15	7	B
	SUB-13-00016-SHT-328-A	Shop Drawings: Structural & Mechanical Detail for :10" Indirect Washout at Sta.9+600, 6" Indirect ARV at Sta.9+680 and 6" Indirect ARV at Sta. 10+460	SHT	S	01/28/15	02/27/15	02/09/15	12	B
	SUB-13-00016-SHT-329-A	Electrical panel for water metering chambers – BOQ items 4.2.1 to 4.2.7	SHT	M	01/29/15	02/28/15	02/09/15	11	B
	SUB-13-00016-SHT-330-A	Revised Construction Schedule & S-Curve - (January 31, 2015)	SHT	SCH	02/03/15	03/05/15	02/25/15	22	C
	SUB-13-00016-SHT-330-B	Revised Construction Schedule & S-Curve - (January 31, 2015)	SHT	SCH	03/01/15	03/31/15	03/18/15	17	B
	SUB-13-00016-SHT-331-A	Shop Drawings: Stone Wall from Sta.7+425 to Sta.7+430 RHS - As per CMC comments on Submittal No. (SUB-13-00016-SHT-199-B)	SHT	S	02/04/15	03/06/15	02/18/15	14	C
	SUB-13-00016-SHT-332-A	Shop Drawings: Water : Plan , Profile and Typical Section from Sta.11+610 to Sta.12+000	SHT	S	02/09/15	03/11/15	02/18/15	9	C
	SUB-13-00016-SHT-332-B	Shop Drawings: Water : Plan , Profile and Typical Section from Sta.11+610 to Sta.12+000	SHT	S	03/03/15	04/02/15	03/23/15	20	C
	SUB-13-00016-SHT-332-C	Shop Drawings: Water : Plan , Profile and Typical Section from Sta.11+610 to Sta.12+000	SHT	S	03/31/15	04/30/15	04/23/15	23	B
	SUB-13-00016-SHT-332-D	Revised Shop Drawings: Water : Plan , Profile and Typical Section from Sta.11+610 to Sta.12+000	SHT	S	05/19/15	06/18/15	05/31/15	12	B
	SUB-13-00016-SHT-333-A	Material source of Crushed Limestone Aggregates (Somsom Size) from Al Rajabei Crusher Plant	SHT	M	02/09/15	03/11/15	02/10/15	1	B
	SUB-13-00016-SHT-334-A	Material source of Crushed Limestone Aggregates (Somsom Size) from Al Halayqa Crusher Plant	SHT	M	02/09/15	03/11/15	02/10/15	1	B
	SUB-13-00016-SHT-335-A	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 9+400 to St. 10+700	SHT	S	02/09/15	03/11/15	02/15/15	6	B
	SUB-13-00016-SHT-336-A	Mitered Bends Schedule and fabrication for 30" main pipeline from St. 10+700 to St. 11+610	SHT	S	02/09/15	03/11/15	02/15/15	6	B
	SUB-13-00016-SHT-337-A	Shop Drawings: Structural and Mechanical Detail for Connection to Existing for Zaboud Sta.1+111	SHT	S	02/11/15	03/13/15	02/16/15	5	C
	SUB-13-00016-SHT-337-B	Shop Drawings: Structural and Mechanical Detail for Connection to Existing for Zaboud Sta.1+133	SHT	S	03/09/15	04/08/15	03/15/15	6	C
	SUB-13-00016-SHT-337-C	Shop Drawings: Structural and Mechanical Detail for Connection to Existing for Zaboud Sta.1+133	SHT	S	03/22/15	04/21/15	03/29/15	7	B
	SUB-13-00016-SHT-338-A	Shop Drawings: Structural and Mechanical Detail for Connection to Existing for Shahera Sta.1+111	SHT	S	02/11/15	03/13/15	02/16/15	5	C

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	SUB-13-00016-SHT-338-B	Shop Drawings: Structural and Mechanical Detail for Connection to Existing for Shahera Sta.1+111	SHT	S	02/19/15	03/21/15	02/23/15	4	B
	SUB-13-00016-SHT-339-A	Shop Drawings: Structural and Mechanical Detail for Al Nabi Younis Gate Valve and Washout at Sta. 0+815	SHT	S	02/11/15	03/13/15	02/16/15	5	B
	SUB-13-00016-SHT-340-A	Shop Drawings: Structural and Mechanical Detail for 75mm Washout at Shahera Sta.0+557	SHT	S	02/11/15	03/13/15	02/16/15	5	B
	SUB-13-00016-SHT-341-A	Shop Drawings: Structural and Mechanical Detail for Al Nabi Younis Connection to Existing at Sta.0+000	SHT	S	02/11/15	03/13/15	02/16/15	5	C
	SUB-13-00016-SHT-341-B	Shop Drawings: Structural and Mechanical Detail for Al Nabi Younis Connection to Existing at Sta.0+000	SHT	S	02/19/15	03/21/15	03/08/15	17	B
	SUB-13-00016-SHT-342-A	Shop Drawings: Structural and Mechanical Detail for Al Nabi Younis Connection to Existing at Sta.0+780	SHT	S	02/11/15	03/13/15	02/16/15	5	B
	SUB-13-00016-SHT-343-A	Traffic Control Plan from Sta.9+400 to Sta. 12+007	SHT	P	02/11/15	03/13/15	02/16/15	5	B
	SUB-13-00016-SHT-344-A	Shop Drawings: Storm Water : Plan, Profile& Typical Details from Sta.7+940 to Sta.8+570- As per Site Memo No. SM-13-00016-E-C-041- Amendment to Submittal No. SUB-13-00016-SHT-247-C	SHT	S	02/17/15	03/19/15	02/26/15	9	C
	SUB-13-00016-SHT-344-B	Shop Drawings: Storm Water : Plan, Profile& Typical Details from Sta.7+940 to Sta.8+570- As per Site Memo No. SM-13-00016-E-C-041- Amendment to Submittal No. SUB-13-00016-SHT-247-C	SHT	S	03/05/15	04/04/15	03/10/15	5	B
	SUB-13-00016-SHT-345-A	Shop Drawings: Structural and Mechanical detail for: 6" Indirect ARV at Sta.11+210 and 10" Indirect W.O. at Sta.11+390	SHT	S	02/17/15	03/19/15	02/25/15	8	C
	SUB-13-00016-SHT-345-B	Shop Drawings: Structural and Mechanical detail for: 6" Indirect ARV at Sta.11+210 and 10" Indirect W.O. at Sta.11+390	SHT	S	03/08/15	04/07/15	03/24/15	16	B
	SUB-13-00016-SHT-346-A	Shop Drawings: Structural and Mechanical Detail for Halhul Reservoir Connection at Sta.11+850	SHT	S	02/17/15	03/19/15	02/25/15	8	C
	SUB-13-00016-SHT-346-B	Shop Drawings: Structural and Mechanical Detail for Halhul Reservoir Connection at Sta.11+850	SHT	S	03/09/15	04/08/15	03/19/15	10	B
	SUB-13-00016-SHT-347-A	As Built Drawings for Road Works from Sta.0+150 to Sta.2+700	SHT	S	02/18/15	03/20/15	03/04/15	14	C
	SUB-13-00016-SHT-348-A	Test certificates of TorqBolt fasteners -As per CMC comments on Submittal No. SUB-13-00016-SHT-240-A	SHT	M	02/19/15	03/21/15	03/02/15	11	A
	SUB-13-00016-SHT-349-A	Flanges test certificates-As per CMC comments on Submittals: SUB-13-00016-SHT-189-A and SUB-13-00016-SHT-052-B	SHT	M	02/19/15	03/21/15	02/25/15	6	A
	SUB-13-00016-SHT-350-A	Adjustable support for pipes & Fittings inside chambers	SHT	M	03/03/15	04/02/15	03/11/15	8	C
	SUB-13-00016-SHT-350-B	Adjustable support for pipes & Fittings inside chambers	SHT	M	03/22/15	04/21/15	04/01/15	10	B
	SUB-13-00016-SHT-351-A	Revised Shop Drawings for Road Works : Plan , Profile and Cross Section from 6+850 to Sta.7+160 as per Site Memo No. SM-13-00016-SHT-E-C-046 - Amendment to Submittal No. SUB-13-00016-SHT-062-B	SHT	S	03/04/15	04/03/15	03/08/15	4	B
	SUB-13-00016-SHT-351-B	Revised Shop Drawings for Road Works : Plan , Profile and Cross Section from Sta. 6+850 to Sta.7+160	SHT	S	03/19/15	04/18/15	04/08/15	20	B
	SUB-13-00016-SHT-352-A	Lokfix- Polyester resin anchoring grout_ FOSROC Co.	SHT	M	03/09/15	04/08/15	03/15/15	6	A
	SUB-13-00016-SHT-353-A	Shop Drawings: Retaining Wall from Sta.3+295 to Sta.3+380 RHS	SHT	S	03/17/15	04/16/15	03/26/15	9	B

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	SUB-13-00016-SHT-354-A	Shop Drawings: Street Lighting Details from Sta.7+110 to Sta.7+500	SHT	S	03/19/15	04/18/15	04/05/15	17	C
	SUB-13-00016-SHT-355-A	Revised Shop Drawings for Road Works: Plan , Profile and Cross Section from St. 4+880 to Sta.5+700 -Per Site Memo No. SM-13-00016-SHT-E-C-050	SHT	S	03/22/15	04/21/15	04/08/15	17	B
	SUB-13-00016-SHT-356-A	Curbstone and Interlock - Al Sous Global Co.	SHT	M	03/22/15	04/21/15	03/25/15	3	B
	SUB-13-00016-SHT-357-A	Flange adaptor - Steel pipe to Ductile Iron Pipe	SHT	M	03/24/15	04/23/15	04/01/15	8	B
	SUB-13-00016-SHT-358-A	Shop Drawings: Water 3": Plan from Sta.3+515 to Sta.3+775 and from Sta.3+906 to Sta.4+370 - As per Site Memo No. (SM-13-00016-SHT-E-C-043)	SHT	S	03/24/15	04/23/15	03/30/15	6	B
	SUB-13-00016-SHT-359-A	Adjustable support for pipes & Fittings inside chambers for small diameters pipes	SHT	M	03/26/15	04/25/15	04/01/15	6	B
	SUB-13-00016-SHT-360-A	3" PVC pipes -COBRA	SHT	M	03/26/15	04/25/15	03/30/15	4	C
	SUB-13-00016-SHT-361-A	Orifice plate calculations -as per CMC comments on Submittal No. SUB-13-00016-SHT-207-A	SHT	M	03/26/15	04/25/15	03/30/15	4	B
	SUB-13-00016-SHT-361-B	Orifice plate calculations -as per CMC comments on Submittal No. SUB-13-00016-SHT-207-A -**for Engineering Record**	SHT	M	04/12/15	05/12/15	04/22/15	10	A
	SUB-13-00016-SHT-362-A	Specific Plan for Testing (Hydrostatic, Disinfection / Flushing) -30" Main Pipeline from Sta.0+000 to Sta.12+000	SHT	P	03/29/15	04/28/15	04/12/15	14	C
	SUB-13-00016-SHT-362-B	Specific Plan for Testing (Hydrostatic, Disinfection / Flushing) -30" Main Pipeline from Sta.0+000 to Sta.12+000	SHT	P	05/10/15	06/09/15	05/25/15	15	C
	SUB-13-00016-SHT-363-A	Test certificates for the 1st shipment of gate valves-TRL	SHT	M	03/29/15	04/28/15	04/08/15	10	A
	SUB-13-00016-SHT-364-A	Test certificates for ball valves	SHT	M	03/29/15	04/28/15	04/08/15	10	A
	SUB-13-00016-SHT-365-A	Shop Drawings: Water: Plan, Profile for 20" Water Line from Sta. 0+000 to Sta. 0+036 - Deir Sha'ar Main Pipeline	SHT	S	04/05/15	05/05/15	04/14/15	9	C
	SUB-13-00016-SHT-366-A	Revised Shop Drawings for Road Works : Plan , Profile and Cross Section from 6+850 to Sta.7+520- as per RFI No. (RFI-13-00016-SHT-037)- Amendment for Submittal No.SUB-13-00016-SHT-062-B)	SHT	S	04/05/15	05/05/15	04/08/15	3	B
	SUB-13-00016-SHT-367-A	Updated Construction Schedule and S-Curve- March 31,2015	SHT	SCH	04/06/15	05/06/15	04/16/15	10	B
	SUB-13-00016-SHT-368-A	Certificate of Compliance for TRL-Gate valve.	SHT	M	04/12/15	05/12/15	04/16/15	4	B
	SUB-13-00016-SHT-369-A	Compliance and Test Certificates-ARI- AIR VALVES_Deir Shaar	SHT	M	04/12/15	05/12/15	04/16/15	4	A
	SUB-13-00016-SHT-370-A	Specific Plan for Testing (Hydrostatic, Disinfection / Flushing) for TO16 - Deir Sha'ar Main Pipeline Project Internal Networks.	SHT	P	04/09/15	05/09/15	04/22/15	13	C
	SUB-13-00016-SHT-370-B	Specific Plan for Testing (Hydrostatic, Disinfection / Flushing) for TO16 - Deir Sha'ar Main Pipeline Project (Internal Networks)	SHT	P	04/29/15	05/29/15	05/11/15	12	B
	SUB-13-00016-SHT-371-A	Shop Drawings: Mechanical Details for the 30" pipes connection at Halhul reservoir at St. 11+993	SHT	S	04/14/15	05/14/15	04/20/15	6	C
	SUB-13-00016-SHT-371-B	Shop Drawings: Mechanical Details for the 30" pipes connection at Halhul reservoir at St. 11+993	SHT	S	05/05/15	06/04/15	05/17/15	12	C
	SUB-13-00016-SHT-372-A	Training Outline	SHT	PC	04/14/15	05/14/15	04/26/15	12	C
	SUB-13-00016-SHT-372-B	Training Outline	SHT	PC	05/14/15	06/13/15	05/20/15	6	C
	SUB-13-00016-SHT-373-A	Shop Drawings: Plan and details for side walk from Sta.6+900 to Sta.7+520	SHT	S	04/19/15	05/19/15	04/20/15	1	B

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	SUB-13-00016-SHT-373-B	Shop Drawings: Plan and details for side walk from Sta.6+900 to Sta.7+520 - For Engineering Record	SHT	S	04/29/15	05/29/15	05/04/15	5	B
	SUB-13-00016-SHT-374-A	Operation and Maintenance Manual – Table of Contents	SHT	PC	04/19/15	05/19/15	04/29/15	10	C
	SUB-13-00016-SHT-374-B	Operation and Maintenance Manual – Table of Contents	SHT	PC	05/14/15	06/13/15	05/20/15	6	B
	SUB-13-00016-SHT-375-A	Strainers certificates and manufacturer warranty	SHT	M	04/29/15	05/29/15	05/05/15	6	B
	SUB-13-00016-SHT-376-A	As Built Drawings: Beit Ummar water distribution network - Beit Ummar 8" Water Pipeline	SHT	AS	04/29/15	05/29/15	05/18/15	19	C
	SUB-13-00016-SHT-377-A	Draft As Built Drawings for Retaining Wall from Sta.7+093 to Sta.7+505 LHS	SHT	AS	04/29/15	05/29/15	05/17/15	18	C
	SUB-13-00016-SHT-378-A	Shop Drawings:30" Pipe Connection and Bladder Tank Enclosure at Gush Ezyon- (MEKOROT Pumping Station)-Including manufacturer structural calculations and requirements	SHT	S	04/29/15	05/29/15	05/11/15	12	B
	SUB-13-00016-SHT-379-A	Cathodic protection design	SHT	M	05/05/15	06/04/15	05/17/15	12	C
	SUB-13-00016-SHT-380-A	As Built Drawings: Beit Ummar water distribution network - Al Aroub (6" and 4")Water Pipeline	SHT	As	05/07/15	06/06/15	05/18/15	11	C
	SUB-13-00016-SHT-381-A	Updated Construction Schedule and S Curve (April 30,2015)	SHT	SCH	05/07/15	06/06/15	05/25/15	18	C
	SUB-13-00016-SHT-381-B	Updated Construction Schedule and S Curve (April 30,2015)	SHT	SCH	06/03/15	07/03/15	06/11/15	8	A
	SUB-13-00016-SHT-382-A	Test and compliance certificates for DN 600M PN16-check valve in Deir Shaar	SHT	M	05/11/15	06/10/15	05/18/15	7	C
	SUB-13-00016-SHT-382-B	Test and compliance certificates for DN 600M PN16-check valve in Deir Shaar	SHT	M	06/04/15	07/04/15	06/22/15	18	A
	SUB-13-00016-SHT-383-A	Test and Compliance certificates for Gate Valves Raphael-TMS DN 50, DN 80, DN 100-PN 25	SHT	M	05/11/15	06/10/15	05/18/15	7	A
	SUB-13-00016-SHT-384-A	Certificates of test and compliance _Gate Valve_Raphael-TRL DN 50, PN 16	SHT	M	05/11/15	06/10/15	05/18/15	7	A
	SUB-13-00016-SHT-385-A	Certificates of test and compliance for Halhul reservoir water meters-MAG 3100.	SHT	M	05/14/15	06/13/15	05/18/15	4	B
	SUB-13-00016-SHT-386-A	Certificates of test and compliance for Main Pipeline Electro-Magnetic Meters-Siemens SITRANS F M MAG 8000 W- Part 01	SHT	M	05/14/15	06/13/15	05/31/15	17	B
	SUB-13-00016-SHT-387-A	Mitered Bends Schedule and Fabrication for 30" and 20" Elbows at Mekorot Pumping Station	SHT	S	05/17/15	06/16/15	05/18/15	1	B
	SUB-13-00016-SHT-388-A	Test Certificates of Torq Bolt - Fasteners Amendment to Submittal No.: SUB-13-00016-SHT-348-A	SHT	M	05/18/15	06/17/15	05/20/15	2	A
	SUB-13-00016-SHT-389-A	Flanges test certificates-Amendment to Submittal No.: SUB-13-00016-SHT-349-A	SHT	M	05/18/15	06/17/15	05/20/15	2	C
	SUB-13-00016-SHT-389-B	Flanges test certificates-Amendment to Submittal No.: SUB-13-00016-SHT-349-A	SHT	M	05/31/15	06/30/15	06/02/15	2	A
	SUB-13-00016-SHT-390-A	Mitered Bends Schedule and fabrication for 30" main pipeline from St.11+600 to St. 12+000.	SHT	S	05/19/15	06/18/15	05/28/15	9	A
	SUB-13-00016-SHT-391-A	Compliance Certificates for Dismantling Joints	SHT	M	05/19/15	06/18/15	05/28/15	9	A
	SUB-13-00016-SHT-392-A	Compliance and Test Certificates-ARI- AIR VALVES-Deir Shaar-DN 250-Remaining Certificates	SHT	M	05/19/15	06/18/15	05/28/15	9	A

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	SUB-13-00016-SHT-393-A	Shop Drawing- Water: 3" Pipeline from St. 9+675 to St. 9+931 and from St. 9+980 to St. 10+457	SHT	S	05/21/15	06/20/15	06/02/15	12	B
	SUB-13-00016-SHT-394-A	Certificate of Compliance for Pressure Gauges	SHT	M	05/25/15	06/24/15	05/28/15	3	C
	SUB-13-00016-SHT-394-B	Certificate of Compliance for Pressure Gauges	SHT	M	06/22/15	07/22/15	06/29/15	7	A
	SUB-13-00016-SHT-395-A	Certificate of Compliance for delivered Cathodic Protection: flange insulating kit.	SHT	M	05/25/15	06/24/15	05/28/15	3	A
	SUB-13-00016-SHT-396-A	As Built - Water- Halhul Water Distribution Networks - Al Nabi Younes (4", 6" and 8"); Shahera (8" and 4") and Zaboud (8") Networks	SHT	AS	05/31/15	06/30/15	06/16/15	16	C
	SUB-13-00016-SHT-397-A	Certificate of Compliance for Butterfly valves - 1st Shipment	SHT	M	05/31/15	06/30/15	06/02/15	2	C
	SUB-13-00016-SHT-397-B	Certificate of Compliance for Butterfly valves - 1st Shipment	SHT	M	06/21/15	07/21/15		PE	
	SUB-13-00016-SHT-398-A	Certificate of Compliance for Gate Valves - last Shipment	SHT	M	05/31/15	06/30/15	06/02/15	2	A
	SUB-13-00016-SHT-399-A	Certificate of Compliance for Control Valves - PRV and FCV	SHT	M	05/31/15	06/30/15	06/07/15	7	A
	SUB-13-00016-SHT-400-A	Pressure Transmitter BOQ item 4.2.6, Specification No. 17108-2.2.	SHT	M	06/03/15	07/03/15	06/10/15	7	B
	SUB-13-00016-SHT-400-B	Pressure Transmitter BOQ item 4.2.6, Specification No. 17108-2.2. - F**or Engineering Record**	SHT	M	06/21/15	07/21/15		PE	
	SUB-13-00016-SHT-401-A	Water Service Box manholes - Hand holes- PCI	SHT	M	05/31/15	06/30/15	06/07/15	7	C
	SUB-13-00016-SHT-402-A	Float Level Switch BOQ item 9.3 Specification No. 17107-2.1.	SHT	M	06/03/15	07/03/15	06/08/15	5	C
	SUB-13-00016-SHT-402-B	Float Level Switch BOQ item 9.3 Specification No. 17107-2.1.	SHT	M	06/22/15	07/22/15		PE	
	SUB-13-00016-SHT-403-A	Motorized Butterfly Valve Control Panel - BOQ item No. 4.2.6 Specification No. 17200-2.2	SHT	M	06/03/15	07/03/15	06/10/15	7	C
	SUB-13-00016-SHT-403-B	Motorized Butterfly Valve Control Panel - BOQ item No. 4.2.6 Specification No. 17200-2.2	SHT	M	06/22/15	07/22/15		PE	
	SUB-13-00016-SHT-404-A	Compliance and Test Certificates-ARI- AIR VALVES-Deir Shaar-DN 150-PN 16 - Remaining Certificates	SHT	M	06/07/15	07/07/15	06/22/15	15	A
	SUB-13-00016-SHT-405-A	Revised Construction Schedule & S-Curve - (May 31, 2015)	SHT	SCH	06/07/15	07/07/15	06/22/15	15	C
	SUB-13-00016-SHT-406-A	Conduit & Cabling Shop Drawings at Halhoul Reservoir	SHT	S	06/15/15	07/15/15	06/22/15	7	B
	SUB-13-00016-SHT-407-A	Electro-Magnetic Meters, Siemens SITRANS F M MAG 8000 W, remaining certificates for DN150 and DN100 – PN25	SHT	M	06/21/15	07/21/15		PE	
	SUB-13-00016-SHT-408-A	Shop Drawings: Retaining Wall from Sta. 3+629.2 to Sta. 3+650.5 LHS	SHT	S	06/21/15	07/21/15	06/30/15	9	C
	SUB-13-00016-SHT-409-A	Start-up Plan	SHT	P	06/30/15	07/30/15		PE	
	SUB-13-00016-SHT-410-A	Structural Details for Slabs of 10 Chambers at Halhul Reservoir Area.	SHT	S	06/30/15	07/30/15		PE	

DV = Division A= No Exceptions Noted B = Make Corrections Noted C = Amend-Resubmit D= Rejected-Resubmit E= Review Not Required

p= preconstruction - S= Shop drawings - M= Materials -O= Others - PC= Post-construction

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TASK ORDER #16, Deir Sha'ar Main Pipeline Project (SHT)

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Spec. No.	Submittal No	Description	DV	Submitted on (M/D/Y)	Return Date AS Contract	Returned on (M/D/Y)	Review Days	(A,B,C,D,E)
	TEST-13-00016-SHT-001-A	Concrete Compressive Strength for Pad Concrete (Blinding) Report# BM/CT/14168 - 7 days	SHT	02/24/14	03/26/14	02/27/14	3	B
	TEST-13-00016-SHT-002-A	Steel at Halhul Site Report# BM/STL/14012 (25Ø)	SHT	02/25/14	03/27/14	02/27/14	2	B
	TEST-13-00016-SHT-003-A	Steel at Halhul Site Report# BM/STL/14015 (12,14,16,20 Ø)	SHT	02/25/14	03/27/14	02/27/14	2	B
	TEST-13-00016-SHT-004-A	Concrete Compressive Strength for Footing of the Retaining Between Stations (7+095-7+170) Report# BM/CT/14250 - 7 days	SHT	03/09/14	04/08/14	03/12/14	3	A
	TEST-13-00016-SHT-005-A	Concrete Compressive Strength for Pad Concrete (Blinding) Report# BM/CT/14168 - 28 days	SHT	03/16/14	04/15/14	03/16/14	0	A
	TEST-13-00016-SHT-006-A	Concrete Compressive Strength for Retaining Walls Between Stations (7+096-7+107) & (7+118-7+129)/Al Hawawreh Street/Halhoul City Report# BM/CT/14301- 7days	SHT	03/18/14	04/17/14	03/18/14	0	A
	TEST-13-00016-SHT-007-A	Concrete Compressive Strength for Retaining Walls Between Stations (7+140-7+151) & (7+160-7+170)/Al Hawawreh Street/Halhoul City Report# BM/CT/14312- 7days	SHT	03/23/14	04/22/14	03/23/14	0	A
	TEST-13-00016-SHT-008-A	Concrete Compressive Strength for Footing of the Retaining Between Stations (7+095-7+170) Report# BM/CT/14250 - 28 days	SHT	04/01/14	05/01/14	04/02/14	1	A
	TEST-13-00016-SHT-009-A	Concrete Compressive Strength for Retaining Walls Between Stations (7+129-7+140) & (7+150-7+160) LHS/Al Hawawreh Street/Halhoul City- Report# BM/CT/14361- 7 days	SHT	04/09/14	05/09/14	04/13/14	4	A
	TEST-13-00016-SHT-010-A	Concrete Compressive Strength for Retaining Walls Between Stations (7+096-7+107) & (7+118-7+129)/Al Hawawreh Street/Halhoul City Report# BM/CT/14301 - 28 days	SHT	04/09/14	05/09/14	04/13/14	4	A
	TEST-13-00016-SHT-011-A	Concrete Compressive Strength for Retaining Wall Between Stations (7+107-7+118)/Al Hawawreh Street/Halhoul City- Report# BM/CT/14354- 7 days	SHT	04/09/14	05/09/14	04/13/14	4	A
	TEST-13-00016-SHT-012-A	Concrete Compressive Strength Report for Retaining Walls Between Stations (7+140-7+151) & (7+160-7+170)/Al Hawawreh Street/Halhoul City. Report # BM/CT/14312- 28 days	SHT	04/10/14	05/10/14	04/13/14	3	A
	TEST-13-00016-SHT-013-A	Concrete Compressive Strength for Lean Pad Concrete for the Footing of the Retaining Wall Between Stations (7+449-7+505)/Al Hawawreh Street/Halhoul City. Report# BM/CT/14411- 7days	SHT	04/15/14	05/15/14	04/16/14	1	A
	TEST-13-00016-SHT-014-A	Concrete Compressive Strength for Lean Pad Concrete for the Footings of the Retaining Walls Between Stations (7+389-7+420) & (7+441-7+449) /Al Hawawreh Street/Halhoul City. Report# BM/CT/14427- 7days	SHT	04/21/14	05/21/14	04/21/14	0	A
	TEST-13-00016-SHT-015-A	Steel Report# BM/STL/14025 (22Ø)	SHT	04/21/14	05/21/14	04/23/14	2	A
	TEST-13-00016-SHT-016-A	Concrete Compressive Strength for Retaining Wall Between Stations (7+107-7+118)/Al Hawawreh Street/Halhoul City- Report# BM/CT/14354- 28 days	SHT	04/24/14	05/24/14	04/29/14	5	A
	TEST-13-00016-SHT-017-A	Concrete Compressive Strength for Retaining Walls Between Stations (7+129-7+140) & (7+150-7+160) LHS/Al Hawawreh Street/Halhoul City- Report# BM/CT/14361 - 28 days	SHT	04/24/14	05/24/14	04/29/14	5	A
	TEST-13-00016-SHT-018-A	Concrete Compressive Strength for Footing of the Retaining Wall Between Stations (7+390-7+418) /Al Hawawreh Street/Halhoul City. Report# BM/CT/14457 - 7 days	SHT	04/24/14	05/24/14	04/29/14	5	A
	TEST-13-00016-SHT-019-A	Concrete Compressive Strength for Footing of the Retaining Walls Between Stations (7+445-7+505) /Al Hawawreh Street/Halhoul City. Report# BM/CT/14436 - 7 days	SHT	04/24/14	05/24/14	04/29/14	5	A
	TEST-13-00016-SHT-020-A	Soil & Soil Aggregate Material Report # ST/14156 – Deir Shaar Main pipeline at st.7+350	SHT	05/04/14	06/03/14	05/06/14	2	A
	TEST-13-00016-SHT-021-A	Concrete Compressive Strength for Lean Concrete Pad of the Retaining Wall Between Stations (7+310-7+365) /Al Hawawreh Street/Halhoul City Report#BM/CT/14496 - 7 days	SHT	05/05/14	06/04/14	05/06/14	1	A
	TEST-13-00016-SHT-022-A	Concrete Compressive Strength for Footings of the Retaining Walls Between Stations (7+389-7+390.6) & (7+440-7+445) /Al Hawawreh Street/Halhoul City Report#BM/CT/14472- 7 days	SHT	05/05/14	06/04/14	05/06/14	1	A
	TEST-13-00016-SHT-023-A	Concrete Compressive Strength for Retaining Wall Between Stations (7+447-7+457) & (7+468-7+479) /Al Hawawreh Street/Halhoul City Report# BM/CT/14495- 7 days	SHT	05/05/14	06/04/14	05/06/14	1	A
	TEST-13-00016-SHT-024-A	Concrete Compressive Strength for Lean Pad Concrete for the Footings of the Retaining Walls Between Stations (7+389-7+420) & (7+441-7+449) /Al Hawawreh Street/Halhoul City Report# BM/CT/14427- 28 days	SHT	05/12/14	06/11/14	05/14/14	2	A

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	TEST-13-00016-SHT-025-A	Concrete Compressive Strength for Lean Concrete Pad for the Retaining Wall Between Stations (7+270-7+310)LHS /Al Hawawreh Street/Halhoul City Report# BM/CT/14514- 7 days	SHT	05/12/14	06/11/14	05/14/14	2	A
	TEST-13-00016-SHT-026-A	Concrete Compressive Strength for Retaining Wall Between Stations (7+490-7+500) LHS /Al Hawawreh Street/Halhoul City Report# BM/CT/14513- 7 days	SHT	05/12/14	06/11/14	05/14/14	2	A
	TEST-13-00016-SHT-027-A	Concrete Compressive Strength for Footing for the Retaining Wall Between Stations (7+445-7+505) /Al Hawawreh Street/Halhoul City Report# BM/CT/14436- 28 days	SHT	05/12/14	06/11/14	05/14/14	2	A
	TEST-13-00016-SHT-028-A	Bedding Material Aggregate for Stockpiling Area At The Project Site At Station 0+800 Report# BM/QC/14063	SHT	05/22/14	06/21/14	05/26/14	4	C
	TEST-13-00016-SHT-028-B	Bedding Material for Beit Ummar Network 8" Pipeline from Sta.0+300 to Sta.0+800- Report# BM/QC/14063	SHT	07/17/14	08/16/14			A
	TEST-13-00016-SHT-029-A	Bedding Material Aggregate for Single Size Aggregate (Homos). Deir Sha'ar Main Pipeline At Station 0+800 Report# BM/QC/14062	SHT	05/22/14	06/21/14	05/26/14	4	C
	TEST-13-00016-SHT-029-B	Single size material for Beit Ummar Network 8" Pipeline from Sta.0+300 to Sta.0+800- Report# BM/QC/14062	SHT	07/17/14	08/16/14			A
	TEST-13-00016-SHT-030-A	Concrete Compressive Strength for Footing of the Retaining Wall Between Stations (7+390-7+418) /Al Hawawreh Street/Halhoul City. Report# BM/CT/14457 - 28 days	SHT	05/22/14	06/21/14	05/26/14	4	A
	TEST-13-00016-SHT-031-A	Concrete Compressive Strength Report# BM/CT/14553 – 7 days Footing of the Retaining Wall Between Stations (7+330-7+362) /Al Hawawreh Street/Halhoul City	SHT	06/04/14	07/04/14	06/04/14	0	A
	TEST-13-00016-SHT-032-A	Concrete Compressive Strength Report# BM/CT/14554 – 7 days Retaining Wall Between Stations (7+407-7+417) /Al Hawawreh Street/Halhoul City	SHT	06/04/14	07/04/14	06/04/14	0	A
	TEST-13-00016-SHT-033-A	Concrete Compressive Strength Report# BM/CT/14587– 7 days Retaining Wall Between Stations (7+479.12-7+488.99) and (7+457.22-7+464.19)/Al Hawawreh Street/Halhoul City	SHT	06/04/14	07/04/14	06/04/14	0	A
	TEST-13-00016-SHT-034-A	Concrete Compressive Strength Report# BM/CT/14586– 7 days Footing of the Retaining Wall Between Stations (7+316-7+322) /Al Hawawreh Street/Halhoul City	SHT	06/04/14	07/04/14	06/04/14	0	A
	TEST-13-00016-SHT-035-A	Concrete Compressive Strength Report# BM/CT/14496– 28 days Lean Concrete Pad of the Retaining Wall Between Stations (7+310-7+365) /Al Hawawreh Street/Halhoul City	SHT	06/08/14	07/08/14	06/08/14	0	A
	TEST-13-00016-SHT-036-A	Concrete Compressive Strength Report# BM/CT/14495– 28 days Retaining Wall Between Stations (7+447-7+457) & (7+468-7+479) /Al Hawawreh Street/Halhoul City	SHT	06/08/14	07/08/14	06/08/14	0	A
	TEST-13-00016-SHT-037-A	Concrete Compressive Strength Report# BM/CT/14513– 28 days Retaining Wall Between Stations (7+490-7+500)LHS /Al Hawawreh Street/Halhoul City	SHT	06/08/14	07/08/14	06/08/14	0	A
	TEST-13-00016-SHT-038-A	Concrete Compressive Strength Report# BM/CT/14514– 28 days Lean Concrete Pad for the Retaining Wall Between Stations (7+270-7+310)LHS /Al Hawawreh Street/Halhoul City	SHT	06/08/14	07/08/14	06/08/14	0	A
	TEST-13-00016-SHT-039-A	Concrete Compressive Strength Report# BM/CT/14608 – 7 days Footing of the Retaining Wall Between Stations (7+280.87-7+259.98)/Al Hawawreh Street/Halhoul City	SHT	06/08/14	07/08/14	06/08/14	0	A
	TEST-13-00016-SHT-040-A	Concrete Compressive Strength Report# BM/CT/14609– 7 days Retaining Wall Between Stations (7+389.32-7+398)/Al Hawawreh Street/Halhoul City	SHT	06/08/14	07/08/14	06/08/14	0	A
	TEST-13-00016-SHT-041-A	Concrete Compressive Strength Report# BM/CT/14624– 7 days Retaining Wall Between Stations (7+500-7+505)/Al Hawawreh Street/Halhoul City	SHT	06/08/14	07/08/14	06/08/14	0	A
	TEST-13-00016-SHT-042-A	Concrete Compressive Strength Report# BM/CT/14625– 7 days Footing of the Retaining Wall Between Stations (7+237-7+259)/Al Hawawr Street/Halhoul City	SHT	06/08/14	07/08/14	06/08/14	0	A
	TEST-13-00016-SHT-043-A	**Base Course / Loose Sample** – Deir Sha'ar Main Pipeline (Halhoul - A'syoon) at Station 1+000 - Report# ST/14241	SHT	06/09/14	07/09/14	06/09/14	0	C

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	TEST-13-00016-SHT-043-B	Soil and Soil Aggregate Materials -Base Course / Loose Sample Report # ST/14241 – Beit Ummer Network 8" Pipeline Between Stations (1+000 & 1+500)	SHT	07/06/14	08/05/14	07/10/14	4	A
	TEST-13-00016-SHT-044-A	**Base Course / Loose Sample –** Stockpiling area at the Crusher Plant - Report# ST/14212	SHT	06/09/14	07/09/14	06/09/14	0	C
	TEST-13-00016-SHT-044-B	Soil and Soil Aggregate Materials-Base Course / Loose Sample – Beit Ummer Network 8" Pipeline Between Stations (0+300 & 0+800)- Report# ST/14212	SHT	07/06/14	08/05/14	07/10/14	4	A
	TEST-13-00016-SHT-045-A	Concrete Compressive Strength Report# BM/CT/14636– 7 days Retaining Wall Between Stations (7+346-7+356))/Al Hawawreh Street/Halhoul City	SHT	06/15/14	07/15/14	06/23/14	8	A
	TEST-13-00016-SHT-046-A	Concrete Compressive Strength Report# BM/CT/14646– 7 days Retaining Wall Between Stations (7+347-7+356))/Al Hawawreh Street/Halhoul City	SHT	06/15/14	07/15/14	06/23/14	8	A
	TEST-13-00016-SHT-047-A	Concrete Compressive Strength Report# BM/CT/14649– 7 days Retaining Wall Between Stations (7+398-7+407.05))/Al Hawawreh Street/Halhoul City	SHT	06/15/14	07/15/14	06/23/14	8	A
	TEST-13-00016-SHT-048-A	Concrete Compressive Strength Report# BM/CT/14553– 7 days Footing of the Retaining Wall Between Stations (7+330-7+362) /Al Hawawreh Street/Halhoul City	SHT	06/15/14	07/15/14	06/23/14	8	A
	TEST-13-00016-SHT-049-A	Concrete Compressive Strength Report# BM/CT/14554– 28 days Retaining Wall Between Stations (7+407-7+417) /Al Hawawreh Street/Halhoul City	SHT	06/15/14	07/15/14	06/23/14	8	A
	TEST-13-00016-SHT-050-A	**Fill Materials** / 1st Layer - Density of Soil Report # ST/FD/14305 - Deir Sha'ar Main Pipeline Between Stations (7+093 & 7+175) LHS / 1st Layer / Behind Retaining Wall	SHT	06/26/14	07/26/14	07/09/14	13	A
	TEST-13-00016-SHT-051-A	**Fill Materials** / 2nd Layer - Density of Soil Report # ST/FD/14322 - Deir Sha'ar Main Pipeline Between Stations (7+093 & 7+170) LHS / 2ndLayer / Behind Retaining Wall	SHT	06/26/14	07/26/14	07/09/14	13	A
	TEST-13-00016-SHT-052-A	Aggregate Report # BM/QC/14066 - Beit Ummer Network 8" Pipeline Between Stations (1+000 & 1+500)	SHT	06/26/14	07/26/14	07/09/14	13	A
	TEST-13-00016-SHT-053-A	**Fill Materials** / 4th Layer - Density of Soil Report # ST/FD/14338 - Deir Sha'ar Main Pipeline Between Stations (7+100 & 7+150) LHS / 4thLayer / Behind Retaining Wall	SHT	06/26/14	07/26/14	07/09/14	13	A
	TEST-13-00016-SHT-054-A	**Fill Materials** / 1st & 5th Layer - Density of Soil Report # ST/FD/14343 - Deir Sha'ar Main Pipeline Between Stations (7+135 & 7+193) LHS / 5th Layer & - Deir Sha'ar Main Pipeline Between Stations (7+450 & 7+470) / 1st Layer	SHT	06/26/14	07/26/14	07/09/14	13	A
	TEST-13-00016-SHT-055-A	Bedding Material Aggregate Report # BM/QC/14067 - Beit Ummer Network 8" Pipeline Between Stations (1+000 & 1+500)	SHT	07/06/14	08/05/14	07/10/14	4	A
	TEST-13-00016-SHT-056-A	Bedding Material Aggregate Report # BM/QC/14069 - Beit Ummer Network 8" Main Pipeline Between Stations (1+600 & 2+100)	SHT	07/06/14	08/05/14	07/10/14	4	A
	TEST-13-00016-SHT-057-A	Fill Materials - Aggregate Report # BM/QC/14070 - Beit Ummer Network 8" Main Pipeline Between Stations (1+600 & 2+100) - Single Size Aggregate	SHT	07/06/14	08/05/14	07/10/14	4	A
	TEST-13-00016-SHT-058-A	Fill Materials -Single Size Aggregate- Aggregate Report # BM/QC/14073 - Deir Sha'ar Main Pipeline 30" Between Stations (0+700 & 1+200)	SHT	07/06/14	08/05/14	07/10/14	4	A
	TEST-13-00016-SHT-059-A	Radiographic Examination Interpretation Report No. 8138776/14 for 30" Welded Joints J1 22R at St. 1+018.34 and J2 23R at St. 1+006.15- Negative films were submitted at BV main office	SHT	07/16/14	08/15/14	07/24/14	8	A
	TEST-13-00016-SHT-060-A	Concrete Compressive Strength Report# BM/CT/14701– 7 days Retaining Wall Between Stations (7+288-7+298) /Al Hawawreh Street/Halhoul City	SHT	07/17/14	08/16/14	07/21/14	4	A
	TEST-13-00016-SHT-061-A	Concrete Compressive Strength Report# BM/CT/14692– 7 days -First Stage Retaining Wall Between Stations (7+308-7+318) /Al Hawawreh Street/Halhoul City	SHT	07/17/14	08/16/14	07/21/14	4	A
	TEST-13-00016-SHT-062-A	Concrete Compressive Strength Report# BM/CT/14697– 7 days -Second Stage Retaining Wall Between Stations (7+308-7+318) /Al Hawawreh Street/Halhoul City	SHT	07/17/14	08/16/14	07/21/14	4	A
	TEST-13-00016-SHT-063-A	Concrete Compressive Strength Report# BM/CT/14578– 28 days -Retaining Wall Between Stations (7+280-7+330) /Al Hawawreh Street/Halhoul City	SHT	07/17/14	08/16/14	07/21/14	4	A

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	TEST-13-00016-SHT-064-A	Concrete Compressive Strength Report# BM/CT/14586– 28 days -Footing of Retaining Wall Between Stations (7+316-7+322) /Al Hawawreh Street/Halhoul City	SHT	07/17/14	08/16/14	07/21/14	4	A
	TEST-13-00016-SHT-065-A	Concrete Compressive Strength Report# BM/CT/14587– 28 days -Retaining Wall Between Stations (7+479.12 - 7+488.99 and 7+457 - 7+464.19) /Al Hawawreh Street/Halhoul City	SHT	07/17/14	08/16/14	07/21/14	4	A
	TEST-13-00016-SHT-066-A	Concrete Compressive Strength Report# BM/CT/14608– 28 days -Footing of Retaining Wall Between Stations (7+280.87-7+259.98) /Al Hawawreh Street/Halhoul City	SHT	07/17/14	08/16/14	07/21/14	4	A
	TEST-13-00016-SHT-067-A	Concrete Compressive Strength Report# BM/CT/14609– 28 days -Retaining Wall Between Stations (7+389.32 - 7+398) /Al Hawawreh Street/Halhoul City	SHT	07/17/14	08/16/14	07/21/14	4	A
	TEST-13-00016-SHT-068-A	Bedding Material Aggregate -Crushed Limestone Aggregates - Report # BM/QC/14075- Deir Sha'ar Main Pipeline 30" Between Stations (0+700 & 1+200)	SHT	07/17/14	08/16/14	08/05/14	19	A
	TEST-13-00016-SHT-069-A	Bedding Material Aggregate -Crushed Limestone Aggregates- Report # BM/QC/14076 - Halhul Network 8" Pipeline Zabood between Stations (0+600 & 1+100)	SHT	07/17/14	08/16/14	08/05/14	19	A
	TEST-13-00016-SHT-070-A	Fill Materials / Trench Backfill -Single size Aggregate Report # BM/QC/14077 - Halhul Network 8" Pipeline Zabood between Stations (0+600 & 1+100)	SHT	07/17/14	08/16/14	08/05/14	19	A
	TEST-13-00016-SHT-071-A	Fill Materials / Trench Backfill -Single size Aggregate- Report # BM/QC/14078 -Deir Sha'ar Main Pipeline 30" Between Stations (0+200 & 0+700)	SHT	07/17/14	08/16/14	08/05/14	19	A
	TEST-13-00016-SHT-072-A	Bedding Material Aggregate -Crushed Limestone Aggregates- Report # BM/QC/14079 -Deir Sha'ar Main Pipeline 30" Between Stations (0+200 & 0+700)	SHT	07/17/14	08/16/14	08/05/14	19	A
	TEST-13-00016-SHT-073-A	Base Course / Loose Sample – Beit Ummer Network 8" Pipeline Between Stations (1+600 & 2+100) - Report# ST/14255	SHT	07/17/14	08/16/14	08/05/14	19	A
	TEST-13-00016-SHT-074-A	Concrete Compressive Strength for Lean Pad Concrete for the Footing of the Retaining Wall Between Stations (7+449-7+505)/Al Hawawreh Street/Halhoul City. Report# BM/CT/14411- 28 days	SHT	07/19/14	08/18/14	07/21/14	2	A
	TEST-13-00016-SHT-075-A	Concrete Compressive Strength Report# BM/CT/14701– 28 days Retaining Wall Between Stations (7+288-7+298) /Al Hawawreh Street/Halhoul City/first stage	SHT	07/20/14	08/19/14	07/21/14	1	A
	TEST-13-00016-SHT-076-A	Concrete Compressive Strength Report# BM/CT/14724– 28 days Retaining Wall Between Stations (7+288-7+298) /Al Hawawreh Street/Halhoul City/ Second stage	SHT	07/20/14	08/19/14	07/24/14	4	A
	TEST-13-00016-SHT-077-A	Concrete Compressive Strength Report# BM/CT/14726– 28 days Retaining Wall Between Stations (7+268-7+278) /Al Hawawreh Street/Halhoul City/first stage	SHT	07/20/14	08/19/14	07/24/14	4	A
	TEST-13-00016-SHT-078-A	Concrete Compressive Strength Report# BM/CT/14729– 28 days Retaining Wall Between Stations (7+337.87-7+347.26) /Al Hawawreh Street/Halhoul City/ First stage	SHT	07/20/14	08/19/14	08/07/14	18	A
	TEST-13-00016-SHT-079-A	Concrete Compressive Strength Report# BM/CT/14731– 28 days Retaining Wall Between Stations (7+268.74-7+278.85) /Al Hawawreh Street/Halhoul City/ Second stage	SHT	07/20/14	08/19/14	08/05/14	16	A
	TEST-13-00016-SHT-080-A	Concrete Compressive Strength Report# BM/CT/14753– 28 days Retaining Wall Between Stations (7+318-7+328) /Al Hawawreh Street/Halhoul City	SHT	07/20/14	08/19/14	07/24/14	4	A
	TEST-13-00016-SHT-081-A	Concrete Compressive Strength Report# BM/CT/14769– 7 days Retaining Wall Between Stations (7+436-7+443) and (7+318-7+328)(/Al Hawawreh Street/Halhoul City	SHT	07/20/14	08/19/14	08/04/14	15	A
	TEST-13-00016-SHT-082-A	Concrete Compressive Strength Report# BM/CT/14770 - 28 days -Pad Concrete (Blinding) Retaining Wall Between Stations (7+203.4 -7+237.3) /Al Hawawr Street/Halhoul City	SHT	07/20/14	08/19/14	08/04/14	15	A
	TEST-13-00016-SHT-083-A	Concrete Compressive Strength Report# BM/CT/14811– 7 days Retaining Wall Between Stations (7+205-7+273.3) /Al Hawawreh Street/Halhoul City	SHT	07/20/14	08/19/14	07/24/14	4	A
	TEST-13-00016-SHT-084-A	Concrete Compressive Strength Report# BM/CT/14743– 28 days Retaining Wall Between Stations (7+337.87-7+347.62) /Al Hawawreh Street/Halhoul City	SHT	07/20/14	08/19/14	07/24/14	4	A

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	TEST-13-00016-SHT-085-A	Concrete Compressive Strength Report# BM/CT/14781– 7 days Retaining Wall Between Stations (7+250.54 -7+259.24) /Al Hawawreh Street/Halhoul City /First Stage	SHT	07/20/14	08/19/14	07/24/14	4	A
	TEST-13-00016-SHT-086-A	Concrete Compressive Strength Report# BM/CT/14786– 7 days Retaining Wall Between Stations (7+250.54 -7+259.24) /Al Hawawreh Street/Halhoul City / Second Stage	SHT	07/20/14	08/19/14	07/24/14	4	A
	TEST-13-00016-SHT-087-A	Concrete Compressive Strength Report# BM/CT/14797– 7 days Retaining Wall Between Stations (7+299.72 -7+308.48) /Al Hawawreh Street/Halhoul City /First Stage	SHT	07/20/14	08/19/14	07/24/14	4	A
	TEST-13-00016-SHT-088-A	Concrete Compressive Strength Report# BM/CT/14812– 7 days Retaining Wall Between Stations (7+299.72 -7+308.48) /Al Hawawreh Street/Halhoul City /Second Stage	SHT	07/20/14	08/19/14	07/24/14	4	A
	TEST-13-00016-SHT-089-A	Concrete Compressive Strength Report# BM/CT/14818– 7 days Retaining Wall Between Stations (7+278.85 -7+89.98) /Al Hawawreh Street/Halhoul City /First Stage	SHT	07/20/14	08/19/14	07/24/14	4	A
	TEST-13-00016-SHT-090-A	Concrete Compressive Strength Report# BM/CT/14624– 28 days Retaining Wall Between Stations (7+500-7+505)/Al Hawawreh Street/Halhoul City	SHT	07/22/14	08/21/14	07/24/14	2	A
	TEST-13-00016-SHT-091-A	Concrete Compressive Strength Report# BM/CT/14625– 28 days Footing of the Retaining Wall Between Stations (7+237-7+259)/Al Hawawr Street/Halhoul City	SHT	07/22/14	08/21/14	07/24/14	2	A
	TEST-13-00016-SHT-092-A	Concrete Compressive Strength Report# BM/CT/14636– 28 days Retaining Wall Between Stations (7+346-7+356))/Al Hawawreh Street/Halhoul City	SHT	07/22/14	08/21/14	08/04/14	13	A
	TEST-13-00016-SHT-093-A	Concrete Compressive Strength Report# BM/CT/14646– 28 days Retaining Wall Between Stations (7+347-7+356))/Al Hawawreh Street/Halhoul City	SHT	07/22/14	08/21/14	08/04/14	13	A
	TEST-13-00016-SHT-094-A	Concrete Compressive Strength Report# BM/CT/14649– 28 days Retaining Wall Between Stations (7+398-7+407.05))/Al Hawawreh Street/Halhoul City	SHT	07/22/14	08/21/14	08/04/14	13	A
	TEST-13-00016-SHT-095-A	Concrete Compressive Strength Report# BM/CT/14659– 28 days Retaining Wall Between Stations (7+327-7+337))/Al Hawawreh Street/Halhoul City	SHT	07/22/14	08/21/14	08/04/14	13	A
	TEST-13-00016-SHT-096-A	Concrete Compressive Strength Report# BM/CT/14676– 28 days Retaining Wall Between Stations (7+328.12 -7+337.87))/Al Hawawreh Street/Halhoul City	SHT	07/22/14	08/21/14	08/04/14	13	A
	TEST-13-00016-SHT-097-A	Concrete Compressive Strength Report# BM/CT/14692– 28 days -First Stage Retaining Wall Between Stations (7+308-7+318) /Al Hawawreh Street/Halhoul City	SHT	07/22/14	08/21/14	08/04/14	13	A
	TEST-13-00016-SHT-098-A	Concrete Compressive Strength Report# BM/CT/14697– 28 days -Second Stage Retaining Wall Between Stations (7+308-7+318) /Al Hawawreh Street/Halhoul City	SHT	07/22/14	08/21/14	08/04/14	13	A
	TEST-13-00016-SHT-099-A	Concrete Compressive Strength Report# BM/CT/14835– 7 days -Second Stage Retaining Wall Between Stations (7+278.85-7+289.98) /Al Hawawreh Street/Halhoul City	SHT	07/22/14	08/21/14	08/04/14	13	A
	TEST-13-00016-SHT-100-A	Concrete Compressive Strength for Footings of the Retaining Walls Between Stations (7+389-7+390.6) & (7+440-7+445)- 28 days -Al Hawawreh Street/Halhoul City -Report#BM/CT/14472	SHT	07/24/14	08/23/14	08/04/14	11	A
	TEST-13-00016-SHT-101-A	Radiographic Examination Interpretation Report No. 8138928/14 for 6" Welded Joints Jo 25RS at Sta.0+238.24 , Jo 26RS at Sta.0+250.48, Jo 27RS at Sta 262.72 ,And for 30" six bents pipe at workshop in storage yard - Negative films were submitted at BV main office.	SHT	07/24/14	08/23/14	08/13/14	20	C
	TEST-13-00016-SHT-101-B	Radiographic Examination Interpretation Report No. 8138928/14 for 6" Welded Joints Jo 25RS at Sta.0+238.24 , Jo 26RS at Sta.0+250.48, Jo 27RS at Sta 262.72 ,And for 30" six bents pipe at workshop in storage yard - Negative Films attached.	SHT	09/01/14	10/01/14	09/03/14	2	C
	TEST-13-00016-SHT-102-A	Bedding Material Aggregate -Crushed Limestone Aggregates - Report # BM/QC/14086- Al-Aroub Pipeline 6"+4"-Beit Ummer Network Between Stations (0+500 & 1+200)	SHT	08/06/14	09/05/14	08/19/14	13	A
	TEST-13-00016-SHT-103-A	Testing Bituminous Paving Mixture Report -Asphalt/loose sample-Report #AS/TBM/14204 - Deir Sha'ar Main Pipeline 8" Between Stations (1+740 & 2+310)	SHT	08/06/14	09/05/14	08/13/14	7	A
	TEST-13-00016-SHT-104-A	Bedding Material Aggregate -Crushed Limestone Aggregates - Report # BM/QC/14083-Al-Aroub Pipeline 6"+4"-Beit Ummer Network Between Stations (0+000 & 0+500)	SHT	08/06/14	09/05/14	08/19/14	13	A

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	TEST-13-00016-SHT-105-A	Fill Materials - Aggregate Report # BM/QC/14082 - Al-Aroub Pipeline 6"+4"-Beit Ummer Network Between Stations (0+000 & 0+500) - Single Size Aggregate	SHT	08/06/14	09/05/14	08/19/14	13	A
	TEST-13-00016-SHT-106-A	Density of soil In-Place -Sand Cone Method - #ST/FD/14419- Standard Sand ,0.6/0.3mm ,C Fraction - Biet Ummer Network 8" between Stations (1+240 to 1+600)	SHT	08/06/14	09/05/14	08/13/14	7	A
	TEST-13-00016-SHT-107-A	Density of soil In-Place -Sand Cone Method - #ST/FD/14410- Standard Sand ,0.6/0.3mm ,C Fraction - Biet Ummer Network 8" between Stations (1+600 to 1+300)	SHT	08/06/14	09/05/14	08/13/14	7	A
	TEST-13-00016-SHT-108-A	Concrete Compressive Strength Report# BM/CT/14840– 7 days First Stage Retaining Wall Between Stations (7+357.37-7+363.22) /Al Hawawreh Street/Halhoul City	SHT	08/06/14	09/05/14	08/13/14	7	A
	TEST-13-00016-SHT-109-A	Concrete Compressive Strength Report# BM/CT/14769– 28 days Retaining Wall Between Stations (7+436-7+443) and Second stage Retaining Wall Between Stations (7+318.38-7+328.16) /Al Hawawreh Street/Halhoul City	SHT	08/06/14	09/05/14	08/13/14	7	A
	TEST-13-00016-SHT-110-A	Ultrasonic Inspection Report- # 001 to 012 - Deir Sha'ar Main Pipeline 30" - Jo. 33,35,37,39,41,43,47,48,49,50,51,53,54,55,57,58,59,60,62,63.	SHT	08/06/14	09/05/14	08/13/14	7	C
	TEST-13-00016-SHT-110-B	Ultrasonic Inspection Report- # 001 to 012 - Deir Sha'ar Main Pipeline 30" - Jo. 33,35,37,39,41,43,47,48,49,50,51,53,54,55,57,58,59,60,62,63.	SHT	08/19/14	09/18/14	09/03/14	15	A
	TEST-13-00016-SHT-111-A	Fill Materials - Aggregate Report # BM/QC/14085 -Al-Aroub Pipeline 6"+4"-Beit Ummer Network Between Stations (0+500 & 1+200) - Single Size Aggregate	SHT	08/06/14	09/05/14	08/19/14	13	A
	TEST-13-00016-SHT-112-A	Concrete Compressive Strength Report# BM/CT/14781– 28 days First Stage Retaining Wall Between Stations (7+250.54-7+259.24) /Al Hawawer Street/Halhoul City	SHT	08/11/14	09/10/14	08/20/14	9	A
	TEST-13-00016-SHT-113-A	Concrete Compressive Strength Report# BM/CT/14786– 28 days Second Stage Retaining Wall Between Stations (7+250.54-7+259.24) /Al Hawawer Street/Halhoul City	SHT	08/11/14	09/10/14	08/20/14	9	A
	TEST-13-00016-SHT-114-A	Concrete Compressive Strength Report# BM/CT/14811– 28 days - Retaining Wall Foundation Between Stations (7+205.7-7+237.3) /Al Hawawer Street/Halhoul City	SHT	08/11/14	09/10/14	08/20/14	9	A
	TEST-13-00016-SHT-115-A	Concrete Compressive Strength Report# BM/CT/14812– 28 days Second Stage Retaining Wall Between Stations (7+299.72-7+308.48) /Al Hawawer Street/Halhoul City	SHT	08/11/14	09/10/14	08/20/14	9	A
	TEST-13-00016-SHT-116-A	Concrete Compressive Strength Report# BM/CT/14818– 28 days First Stage Retaining Wall Between Stations (7+278.85-7+289.98) /Al Hawawer Street/Halhoul City	SHT	08/11/14	09/10/14	08/20/14	9	A
	TEST-13-00016-SHT-117-A	Concrete Compressive Strength Report# BM/CT/14857– 7 days Retaining Wall Between Stations (7+416.85-7+420.01) /Al Hawawer Street/Halhoul City	SHT	08/11/14	09/10/14	08/21/14	10	A
	TEST-13-00016-SHT-118-A	Concrete Compressive Strength Report# BM/CT/14864– 7 days Retaining Wall (Second Stage) Between Stations (7+237.5-7+243.9) and (First Stage) Between Stations (7+259.3-7+268.9) /Al Hawawer Street/Halhoul City.	SHT	08/11/14	09/10/14	08/19/14	8	A
	TEST-13-00016-SHT-119-A	Concrete Compressive Strength Report# BM/CT/14849– 7 days Retaining Wall (Second Stage) Between Stations (7+357.36-7+364.35) and (First Stage) Between Stations (7+243.9-7+237.3) /Al Hawawerh Street/Halhoul City.	SHT	08/11/14	09/10/14	08/19/14	8	A
	TEST-13-00016-SHT-120-A	Concrete Compressive Strength Report# BM/CT/14797– 28 days- First Stage Retaining Wall Between Stations (7+299.72-7+308.48) /Al Hawawer Street/Halhoul City	SHT	08/11/14	09/10/14	08/20/14	9	A
	TEST-13-00016-SHT-121-A	Soil and Soil Aggregate Materials - Topping material / Loose Sample Report # ST/14367 –30" Main Pipeline at Station 1+300	SHT	08/17/14	09/16/14	08/20/14	3	A
	TEST-13-00016-SHT-122-A	Concrete Compressive Strength Report# BM/CT/14840– 28 days First Stage Retaining Wall Between Stations (7+357.37-7+363.22) /Al Hawawreh Street/Halhoul City	SHT	08/17/14	09/16/14	08/25/14	8	A
	TEST-13-00016-SHT-123-A	Concrete Compressive Strength Report# BM/CT/14887– 7 days Second Stage Retaining Wall Between Stations (7+259.24-7+268.94) /Al Hawawreh Street/Halhoul City	SHT	08/17/14	09/16/14	08/25/14	8	A

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	TEST-13-00016-SHT-124-A	Density of soil In-Place -Sand Cone Method - #ST/FD/14435 - Biet Ummer Network 8" between Stations (0+810 to 1+250)	SHT	08/17/14	09/16/14	08/28/14	11	A
	TEST-13-00016-SHT-125-A	Density of soil In-Place -Sand Cone Method - #ST/FD/14452- Biet Ummer Network 8" between Stations (0+450 to 0+810)	SHT	08/17/14	09/16/14	08/28/14	11	A
	TEST-13-00016-SHT-126-A	Density of soil In-Place -Sand Cone Method - #ST/FD/14457- Al Aroub Pipeline 6" & 4"-Biet Ummer Network between Stations (0+000 to 0+700)	SHT	08/17/14	09/16/14	08/28/14	11	A
	TEST-13-00016-SHT-127-A	Bedding Material Aggregate -Crushed Limestone Aggregates- Report # BM/QC/14090 -Deir Sha'ar Main Pipeline Between Stations (1+200 & 1+700)	SHT	08/17/14	09/16/14	08/25/14	8	A
	TEST-13-00016-SHT-128-A	Bedding Material Aggregate -Crushed Limestone Aggregates- Report # BM/QC/14091-Deir Sha'ar Main Pipeline Between Stations (9+000 & 9+500)	SHT	08/17/14	09/16/14	08/25/14	8	A
	TEST-13-00016-SHT-129-A	Fill Materials / Trench Backfill -Single size Aggregate Report # BM/QC/14092-Deir Sha'ar Main Pipeline Between Stations (9+000 & 9+500)	SHT	08/17/14	09/16/14	08/25/14	8	A
	TEST-13-00016-SHT-130-A	Fill Materials / Trench Backfill -Single size Aggregate Report # BM/QC/14093-Deir Sha'ar Main Pipeline Between Stations (1+200 & 1+700)	SHT	08/17/14	09/16/14	08/25/14	8	A
	TEST-13-00016-SHT-131-A	Soil and Soil Aggregate Materials -Base Course / Loose Sample Report # ST/14359 – Beit Ummer Network 8" Pipeline Between Stations (0+450 & 0+810)	SHT	08/17/14	09/16/14	08/28/14	11	A
	TEST-13-00016-SHT-132-A	Soil and Soil Aggregate Materials -Sub Grade/ Compacted Sample Report # ST/14364 – Al Aroub Pipeline 6" & 4"-Biet Ummer Network between Stations (0+000 to 0+700)	SHT	08/17/14	09/16/14	08/28/14	11	A
	TEST-13-00016-SHT-133-A	Testing Bituminous Paving Mixture Report -Asphalt/loose sample-Report #AS/TBM/14210 - Deir Sha'ar Main Pipeline 8" Between Stations (0+800 & 1+740)	SHT	08/17/14	09/16/14	08/28/14	11	A
	TEST-13-00016-SHT-134-A	Concrete Compressive Strength Report# BM/CT/14897– 7 days First Stage Retaining Wall Between Stations (7+218/18-7+227.92) /Al Hawawreh Street/Halhoul City	SHT	08/17/14	09/16/14	08/25/14	8	A
	TEST-13-00016-SHT-135-A	Radiographic Examination Interpretation Report-Deir Sha'ar Main Pipeline- Jo. B-37-J1, B-37-J2, B-38-J1, B-38-J2, B-39-J1, B-40-J1, B-40-J1, B-40-J2, B-45-J1, B-45-J2, B-2-J1, B-2-J2.	SHT	08/20/14	09/19/14	08/24/14	4	C
	TEST-13-00016-SHT-135-B	Radiographic Examination Interpretation Report-Deir Sha'ar Main Pipeline- Jo. B-37-J1, B-37-J2, B-38-J1, B-38-J2, B-39-J1, B-40-J1, B-40-J1, B-40-J2, B-45-J1, B-45-J2, B-2-J1, B-2-J2- Negative Films attached	SHT	08/28/14	09/27/14	09/03/14	6	B
	TEST-13-00016-SHT-136-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/14213- Biet Ummer network 8" pipeline between Sta.(0+450 & 0+800).	SHT	08/26/14	09/25/14	09/07/14	12	A
	TEST-13-00016-SHT-137-A	Soil and Soil Aggregate Materials Testing Report- Base course loose material- Report # ST/14377- Deir Sha'ar Main Pipeline Between Sta. (9+000 & 9+500).	SHT	08/26/14	09/25/14	09/07/14	12	A
	TEST-13-00016-SHT-138-A	Soil and Soil Aggregate Materials Testing Report- Base course loose material- Report # ST/14380- Biet Ummer network 8" Pipeline Between Sta. (0+000 & 0+450).	SHT	08/26/14	09/25/14	09/07/14	12	A
	TEST-13-00016-SHT-139-A	Field Density Test – Report #ST/FD/14465- Deir Sha'ar Main Pipeline between Sta.(7+093 & 7+135) LHS/7th layer/Behind Retaining Wall	SHT	08/26/14	09/25/14	09/07/14	12	A
	TEST-13-00016-SHT-140-A	Field Density Test – Report #ST/FD/14468- Beit Ummer Network 8" Pipeline between Sta.(0+000 & 0+450)	SHT	08/26/14	09/25/14	09/03/14	8	A
	TEST-13-00016-SHT-141-A	Concrete compressive strength test for retaining wall- Between Sta.(7+259.3 -7+268.9) and Sta.(7+237.5 – 7+243.9) /AL Hawawreh Street/Halhul -Report # BM/CT/14864- 28 days.	SHT	08/26/14	09/25/14	09/03/14	8	A
	TEST-13-00016-SHT-142-A	Concrete compressive strength test for retaining wall- Between Sta. (7+243.48 – 7+250.58)/AL Hawawreh Street/Halhul/First Stage -Report # BM/CT/14916-7 days.	SHT	08/26/14	09/25/14	09/03/14	8	A
	TEST-13-00016-SHT-143-A	Concrete compressive strength test for retaining wall- Between Sta. (7+204.54-7+211.57)/AL Hawawreh Street/Halhul-Report # BM/CT/14920-7 days.	SHT	08/26/14	09/25/14	09/03/14	8	A

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	TEST-13-00016-SHT-144-A	Concrete compressive strength test for retaining wall- Between Sta. (7+243.48-7+250.58)/AL Hawawreh Street/Halhul/ Second Stage -Report # BM/CT/14937-7 days.	SHT	08/26/14	09/25/14	09/03/14	8	A
	TEST-13-00016-SHT-145-A	Concrete compressive strength test for footing of the retaining wall- Between Sta. (7+204.54-access road)/AL Hawawreh Street/Halhul -Report # BM/CT/14921-7 days.	SHT	08/26/14	09/25/14	09/03/14	8	A
	TEST-13-00016-SHT-146-A	Ultrasonic Inspection Report- # 013 to 018 - Deir Sha'ar Main Pipeline 30" - Jo. 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 25, 26, 27, 28, 29, 30, 31, 32.	SHT	08/26/14	09/25/14	09/07/14	12	A
	TEST-13-00016-SHT-147-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/14217- Deir Sha'ar main pipeline between Sta. (9+027 & 9+220).	SHT	08/28/14	09/27/14	09/07/14	10	A
	TEST-13-00016-SHT-148-A	Aggregate Report # BM/QC/14126- Deir Sha'ar main pipeline from sta.3+000 to sta.3+500	SHT	11/23/14	12/23/14	12/01/14	8	A
	TEST-13-00016-SHT-149-A	Concrete Compressive Strength Report# BM/CT/14835– 28 days -Second Stage Retaining Wall Between Stations (7+278.85-7+289.98) /Al Hawawreh Street/Halhoul City	SHT	08/28/14	09/27/14	09/07/14	10	A
	TEST-13-00016-SHT-150-A	Concrete Compressive Strength Report# BM/CT/14849– 28 days Retaining Wall (Second Stage) Between Stations (7+357.36-7+364.35) and (First Stage) Between Stations (7+243.9-7+237.3) /Al Hawawerh Street/Halhoul City.	SHT	08/28/14	09/27/14	09/07/14	10	A
	TEST-13-00016-SHT-151-A	Soil and Soil Aggregate materials-Report # ST/14594-Deir Sha'ar main pipeline road from sta.5+640 to sta.5+820.	SHT	11/23/14	12/23/14	12/01/14	8	A
	TEST-13-00016-SHT-152-A	Concrete Compressive Strength Report# BM/CT/14857– 28 days Retaining Wall Between Stations (7+416.85-7+420.01) /Al Hawawer Street/Halhoul City	SHT	08/28/14	09/27/14	09/07/14	10	A
	TEST-13-00016-SHT-153-A	Soil and Soil Aggregate materials-Report # ST/14599-Deir Sha'ar main pipeline road from sta.3+000 to sta.3+500.	SHT	11/23/14	11/23/14	12/01/14	8	A
	TEST-13-00016-SHT-154-A	Field density test –Report #ST/FD/14486-Deir Sha'ar 30" main pipeline between sta.(9+027 – 9+220)	SHT	09/01/14	10/01/14	09/07/14	6	A
	TEST-13-00016-SHT-155-A	Bedding Material for Zaboud pipeline 8" Pipeline from Sta.0+000 to Sta.0+600- Report# BM/QC/14096	SHT	09/14/14	10/14/14	09/22/14	8	A
	TEST-13-00016-SHT-156-A	Aggregate Report # BM/QC/14097 - Zaboud pipeline 8" Pipeline Between Stations (0+000 & 0+600)	SHT	09/14/14	10/14/14	09/22/14	8	A
	TEST-13-00016-SHT-157-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/14220- Biet Ummer network 8" pipeline between Sta.(0+000 & 0+450).	SHT	09/14/14	10/14/14	09/22/14	8	A
	TEST-13-00016-SHT-158-A	Concrete Compressive Strength for wall of the Retaining wall Between Stations (7+259.24-7+268.94)/AL Hawawreh Street/Halhul/Second Stage Report# BM/CT/14887 - 28 days	SHT	09/14/14	10/14/14	09/22/14	8	A
	TEST-13-00016-SHT-159-A	Soil and Soil Aggregate Materials -Base Course / Loose Sample Report # ST/14433 – Deir Sha'ar 30" Main Pipeline Between sta.(9+220 to 9+400).	SHT	09/14/14	10/14/14	09/22/14	8	A
	TEST-13-00016-SHT-160-A	Soil and Soil Aggregate Materials -Topping material / Loose Sample Report # ST/14434 – Al-Aroub Main Pipeline sta.(0+140 to 1+000)	SHT	09/14/14	10/14/14	09/22/14	8	A
	TEST-13-00016-SHT-161-A	Concrete Compressive Strength for wall of the Retaining wall Between Stations (7+218.18-7+227.92) Report# BM/CT/14897 - 28 days	SHT	09/14/14	10/14/14	09/22/14	8	A
	TEST-13-00016-SHT-162-A	Density of soil In-Place -Sand Cone Method - #ST/FD/14537- Standard Sand ,0.6/0.3mm - Deir Sha'ar 30" main pipeline Between sta.(9+220 to 9+400)	SHT	09/14/14	10/14/14	09/22/14	8	A
	TEST-13-00016-SHT-163-A	Concrete Compressive Strength for wall of the Retaining wall Between Stations (7+218.18-7+227.9)/AL Hawawreh Street/Halhul/Second Stage Report# BM/CT/14908 - 28 days	SHT	09/14/14	10/14/14	09/22/14	8	A
	TEST-13-00016-SHT-164-A	Concrete compressive strength test for retaining wall- Between Sta. (7+243.48 – 7+250.58)/AL Hawawreh Street/Halhul/First Stage -Report # BM/CT/14916-28 days.	SHT	09/14/14	10/14/14	09/22/14	8	A
	TEST-13-00016-SHT-165-A	Concrete compressive strength test for retaining wall- Between Sta. (7+204.54-7+211.57)/AL Hawawreh Street/Halhul-Report # BM/CT/14920-28 days.	SHT	09/17/14	10/17/14	09/25/14	8	A
	TEST-13-00016-SHT-166-A	Concrete compressive strength test for footing of the retaining wall- Between Sta. (7+204.54-access road)/AL Hawawreh Street/Halhul -Report # BM/CT/14921-28 days.	SHT	09/17/14	10/17/14	09/25/14	8	A

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	TEST-13-00016-SHT-167-A	Density of soil In-Place -Sand Cone Method - #ST/FD/14557- Standard Sand ,0.6/0.3mm - Biet Ummer 30" main pipeline Between sta.(0+140 to 1+100)	SHT	09/17/14	10/17/14	09/25/14	8	A
	TEST-13-00016-SHT-168-A	**Fill Materials** / Soil and Soil Aggregate Report # ST/FD/14447 - Deir Sha'ar Main Pipeline Between Stations (7+218 & 7+385) LHS / Behind Retaining Wall	SHT	09/17/14	10/17/14	09/25/14	8	A
	TEST-13-00016-SHT-169-A	Concrete compressive strength test for retaining wall- Between Sta. (7+243.48-7+250.58)/AL Hawawreh Street/Halhul/ Second Stage -Report # BM/CT/14937-28 days.	SHT	09/17/14	10/17/14	09/25/14	8	A
	TEST-13-00016-SHT-170-A	**Fill Materials** / 2nd layer- Density of Soil Report # ST/FD/14562 - Deir Sha'ar Main Pipeline Between Stations (7+465 & 7+485), (7+400 & 7+420) & (7+270 & 7+315) LHS	SHT	09/17/14	10/17/14	09/25/14	8	A
	TEST-13-00016-SHT-171-A	**Fill Materials** / 1st layer- Density of Soil Report # ST/FD/14563 - Deir Sha'ar Main Pipeline Between Stations (7+220& 7+270) LHS/ Behind the retaining wall	SHT	09/17/14	10/17/14	09/25/14	8	A
	TEST-13-00016-SHT-172-A	Density of Soil Report # ST/FD/14566 -Standard Sand ,0.6/0.3mm-Zaboud Main Pipeline Between Stations (0+000& 1+100)	SHT	09/17/14	10/17/14	09/25/14	8	A
	TEST-13-00016-SHT-173-A	Aggregate Report # BM/QC/14098 - Deir Sha'ar Main Pipeline Between Stations (8+500 & 9+000)	SHT	09/17/14	10/17/14	09/25/14	8	A
	TEST-13-00016-SHT-174-A	Bedding Material Aggregate -Crushed Limestone Aggregates -Report # BM/QC/14099 - Deir Sha'ar Main Pipeline Between Stations (8+500 & 9+000)	SHT	09/17/14	10/17/14	09/25/14	8	A
	TEST-13-00016-SHT-175-A	Concrete compressive strength test for retaining wall- Between Sta. (7+217-7+226)/AL Hawawreh Street/Halhul/ Second Stage -Report # BM/CT/14960-28 days.	SHT	09/23/14	10/23/14	10/01/14	8	C
	TEST-13-00016-SHT-176-A	Concrete compressive strength test for retaining wall- Between Sta. (7+227-7+236) & Sta.(7+198 to access road) /AL Hawawreh Street/Halhul/ Second Stage -Report # BM/CT/14968-28 days.	SHT	09/23/14	10/23/14	10/01/14	8	A
	TEST-13-00016-SHT-177-A	Concrete compressive strength test for footing retaining wall- Between Sta. (7+432-access road) /AL Hawawreh Street/Halhul/ Second Stage -Report # BM/CT/14971-28 days.	SHT	09/23/14	10/23/14	10/01/14	8	A
	TEST-13-00016-SHT-178-A	Density of Soil Report # ST/FD/14572-Standard Sand ,0.6/0.3mm-Deir Sha'ar Main Pipeline Between Sta.(7+400 - 7+420)	SHT	09/23/14	10/23/14	10/01/14	8	A
	TEST-13-00016-SHT-179-A	Density of Soil Report # ST/FD/14573-Standard Sand ,0.6/0.3mm-Deir Sha'ar Main Pipeline Between Sta.(7+200 - 7+277).	SHT	09/23/14	10/23/14	10/01/14	8	C
	TEST-13-00016-SHT-180-A	Density of Soil Report # ST/FD/14574-Standard Sand ,0.6/0.3mm-Al-Aroub Pipeline Road 30" Between Sta.(1+100 - 1+500).	SHT	09/23/14	10/23/14	10/01/14	8	A
	TEST-13-00016-SHT-181-A	Density of Soil Report # ST/FD/14578-Standard Sand ,0.6/0.3mm-Al-Aroub Pipeline Road 30" Between Sta.(1+500 - 1+800).	SHT	09/23/14	10/23/14	10/01/14	8	A
	TEST-13-00016-SHT-182-A	Steel at Halhul Site Report# BM/STL/14049 (Ø14, Ø16 & Ø22)	SHT	11/23/14	12/23/14	12/01/14	8	A
	TEST-13-00016-SHT-183-A	Soil and Soil Aggregate materials-Report # ST/14473-AlAroub Pipeline 30" road from Sta.(1+100 to 1+500).	SHT	09/23/14	10/23/14	10/01/14	8	A
	TEST-13-00016-SHT-184-A	Soil and Soil Aggregate materials-Report # ST/14478-AlAroub Pipeline 30" road from Sta.(1+500 to 1+800)	SHT	09/23/14	10/23/14	10/01/14	8	A
	TEST-13-00016-SHT-185-A	Soil and Soil Aggregate materials-Report # ST/14480-Dier Sha'ar Main Pipeline 30" Between Sta.(8+000 - 9+000)	SHT	09/23/14	10/23/14	10/01/14	8	A
	TEST-13-00016-SHT-186-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/14269- Zaboud Main Pipeline Between Sta.(0+000 - 0+300).	SHT	09/23/14	10/23/14	10/01/14	8	A
	TEST-13-00016-SHT-187-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/14272- Zaboud Main Pipeline Between Sta.(0+300 - 0+500).	SHT	09/23/14	10/23/14	10/01/14	8	A
	TEST-13-00016-SHT-188-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/14273- Zaboud Main Pipeline Between Sta.(0+500 - 0+800).	SHT	09/23/14	10/23/14	10/01/14	8	A
	TEST-13-00016-SHT-189-A	Concrete compressive strength test for footing retaining wall- Between Sta. (7+180-7+184) /AL Hawawreh Street/Halhul/ Second Stage -Report # BM/CT/14959-28 days.	SHT	09/23/14	10/23/14	10/01/14	8	C

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	TEST-13-00016-SHT-190-A	Density of Soil Report # ST/FD/14582-Standard Sand ,0.6/0.3mm-Deir Sha'ar 30"main pipeline Between sta.(7+450 - 7+485) LHS / Behind the retaining wall	SHT	09/28/14	10/28/14	10/01/14	3	A
	TEST-13-00016-SHT-191-A	Density of Soil Report # ST/FD/14586-Standard Sand ,0.6/0.3mm-Deir Sha'ar 30" main pipeline Between sta.(8+900 - 9+027).	SHT	09/28/14	10/28/14	10/01/14	3	A
	TEST-13-00016-SHT-192-A	Bedding Material Aggregate -Crushed Limestone Aggregates -Report # BM/QC/14108 - Biet Ummer Main Pipeline 30" Between sta.(1+700 - 2+200).	SHT	09/28/14	10/28/14	10/01/14	3	A
	TEST-13-00016-SHT-193-A	Aggregate Report # BM/QC/14109 - Biet Ummer Main Pipeline 30" Between sta.(1+700 - 2+200)	SHT	09/28/14	10/28/14	10/01/14	3	A
	TEST-13-00016-SHT-194-A	Bedding Material Aggregate -Crushed Limestone Aggregates -Report # BM/QC/14110 - Shahera pipeline 8" Between sta.(0+400 - 0+800)	SHT	09/28/14	10/28/14	10/01/14	3	A
	TEST-13-00016-SHT-195-A	Soil and Soil Aggregate materials-Report # ST/14482-Zaboud pipeline Between Sta.(1+000 - 1+100).	SHT	09/28/14	10/28/14	10/01/14	3	A
	TEST-13-00016-SHT-196-A	Soil and Soil Aggregate materials-Report # ST/14485-Shahera Pipeline 8" Between sta.(0+400 - 0+800).	SHT	09/28/14	10/28/14	10/01/14	3	A
	TEST-13-00016-SHT-197-A	Soil and Soil Aggregate materials-Report # ST/14485-Biet Ummer Main Pipeline Between sta.(1+200 - 1+700).	SHT	09/28/14	10/28/14	10/01/14	3	A
	TEST-13-00016-SHT-198-A	Soil and Soil Aggregate materials-Report # ST/14496-Biet Ummer Main Pipeline Between sta.(1+800 - 2+060).	SHT	10/12/14	11/11/14	10/19/14	7	A
	TEST-13-00016-SHT-199-A	Density of Soil Report # ST/FD/14598-Standard Sand ,0.6/0.3mm-Biet Ummer Main Pipeline Between sta.(1+800 - 2+060).	SHT	10/12/14	11/11/14	10/19/14	7	A
	TEST-13-00016-SHT-200-A	Soil and Soil Aggregate materials-Report # ST/14506-Biet Ummer Main Pipeline Between sta.(1+200 - 1+800).	SHT	10/12/14	11/11/14	10/19/14	7	A
	TEST-13-00016-SHT-201-A	Density of Soil Report # ST/FD/14602-Standard Sand ,0.6/0.3mm-Dier Sha'ar Main Pipeline 30" Between sta.(8+720 - 8+950).	SHT	10/12/14	11/11/14	10/19/14	7	A
	TEST-13-00016-SHT-202-A	Density of Soil Report # ST/FD/14605-Standard Sand ,0.6/0.3mm-Biet Ummer Main Pipeline Between sta.(1+200 - 1+800).	SHT	10/12/14	11/11/14	10/19/14	7	A
	TEST-13-00016-SHT-203-A	Density of Soil Report # ST/FD/14643-Standard Sand ,0.6/0.3mm-Shahera 8" Pipeline Between sta.(0+900 - 1+350).	SHT	10/19/14	11/18/14	10/22/14	3	A
	TEST-13-00016-SHT-204-A	Density of Soil Report # ST/FD/14642-Standard Sand ,0.6/0.3mm-Dier Sha'ar main pipeline Between sta.(2+340 - 2+600).	SHT	10/19/14	11/18/14	10/22/14	3	A
	TEST-13-00016-SHT-205-A	Soil and Soil Aggregate materials-Report # ST/14532-Biet Ummer Main Pipeline Between sta.(2+340 - 2+600).	SHT	10/19/14	11/18/14	10/22/14	3	A
	TEST-13-00016-SHT-206-A	Bedding Material Aggregate -Crushed Limestone Aggregates -Report # BM/QC/14104-1 - Deir Sha'ar main pipeline Between sta.(8+000 - 9+000).	SHT	10/19/14	11/18/14	10/22/14	3	A
	TEST-13-00016-SHT-207-A	Density of Soil Report # ST/FD/14641-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline Between sta.(7+220 - 7+315).	SHT	10/19/14	11/18/14	10/22/14	3	A
	TEST-13-00016-SHT-208-A	Concrete compressive strength test for retaining wall- Between Sta. (7+211.34-7+218.50) & (7+175.6 - 7+179.75)/AL Hawawreh Street/Halhul/ First Stage -Report # BM/CT/14990-28 days.	SHT	10/19/14	11/18/14	10/22/14	3	A
	TEST-13-00016-SHT-209-A	Concrete compressive strength test for retaining wall- Between Sta. (7+211.34-Access road)/AL Hawawreh Street/Halhul -Report # BM/CT/141052-28 days.	SHT	10/19/14	11/18/14	10/22/14	3	A
	TEST-13-00016-SHT-210-A	Concrete compressive strength test for Stair at Sta.7+505/AL Hawawreh Street/Halhul -Report # BM/CT/141091-28 days.	SHT	10/19/14	11/18/14	10/22/14	3	A
	TEST-13-00016-SHT-211-A	Concrete compressive strength test for boundary wall between Sta.(6+970 - 7+035) RHS /AL Hawawreh Street/Halhul -Report # BM/CT/141071-28 days.	SHT	10/19/14	11/18/14	10/22/14	3	A
	TEST-13-00016-SHT-212-A	Density of Soil Report # ST/FD/14622-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline Between sta.(8+271-8+580).	SHT	10/19/14	11/18/14	10/22/14	3	A

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	TEST-13-00016-SHT-213-A	Soil and Soil Aggregate materials-Report # ST/14519-Deir Sha'ar Main Pipeline Between sta.(8+271 - 8+580).	SHT	10/19/14	11/18/14	10/22/14	3	A
	TEST-13-00016-SHT-214-A	Ultrasonic Inspection Reports- Deir Sha'ar Main Pipeline 30" -From sta.1+267.01 to sta.2+241.95	SHT	10/26/14	11/25/14	11/05/14	10	C
	TEST-13-00016-SHT-214-B	Ultrasonic Inspection Reports- Deir Sha'ar Main Pipeline 30" -From sta.1+267.01 to sta.2+241.95	SHT	12/21/14	01/20/15	12/24/14	3	A
	TEST-13-00016-SHT-215-A	Ultrasonic Inspection Reports - Deir Sha'ar Main Pipeline 30" -From sta.9+027.36 to sta.8+283.55.	SHT	10/26/14	11/25/14	11/05/14	10	A
	TEST-13-00016-SHT-216-A	Ultrasonic Inspection Reports - Deir Sha'ar Main Pipeline 30" -From sta.9+039.55 to 9+368.39.	SHT	10/26/14	11/25/14	11/05/14	10	A
	TEST-13-00016-SHT-217-A	Ultrasonic Inspection Reports - Deir Sha'ar Main Pipeline 30" -From 2+242.21.to sta.3+099.73	SHT	10/29/14	11/28/14	11/05/14	7	A
	TEST-13-00016-SHT-218-A	Ultrasonic Inspection Reports - Deir Sha'ar Main Pipeline 30" -From sta.4+274.40 to 4+604.04.	SHT	10/29/14	11/28/14	11/05/14	7	A
	TEST-13-00016-SHT-219-A	Ultrasonic Inspection Reports - Deir Sha'ar Main Pipeline 30" -From sta.5+788.84 to 5+641.99.	SHT	10/29/14	11/28/14	11/05/14	7	A
	TEST-13-00016-SHT-220-A	Concrete compressive strength test for Slab of manhole at sta. 0+092 & wall of manhole at sta.0+010 / Biet Ummer-Report # BM/CT/141064-28 days.	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-221-A	Concrete compressive strength test for retaining wall- Between Sta. (7+023-7+036) /AL Hawawreh Street/Halhul/ First Stage -Report # BM/CT/141173-28 days.	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-222-A	Concrete compressive strength test for footing of the retaining wall- Between Sta. (7+179.75-access road) /AL Hawawreh Street/Halhul/ First Stage -Report # BM/CT/141154-28 days.	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-223-A	Concrete compressive strength test for boundary wall- Between Sta. (6+941-7+036) RHS /AL Hawawreh Street/Halhul/ First Stage -Report # BM/CT/141129-28 days.	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-224-A	Concrete compressive strength test for retaining wall- Between Sta. (7+207-7+213.5) /AL Hawawreh Street/Halhul/ First Stage -Report # BM/CT/14997-28 days.	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-225-A	Concrete compressive strength test for retaining wall- Between Sta. (7+190-7+201.1) /AL Hawawreh Street/Halhul/ First Stage -Report # BM/CT/141016-28 days.	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-226-A	Density of Soil Report # ST/FD/14614-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline Between sta.(2+140 - 2+320).	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-227-A	Density of Soil Report # ST/FD/14627-Standard Sand ,0.6/0.3mm-Shahera pipeline Between sta.(0+395-0+900).	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-228-A	Density of Soil Report # ST/FD/14631-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline Between sta.(2+060-2+140).	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-229-A	Density of Soil Report # ST/FD/14634-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline Between sta.(7+185 - 7+220)/3rd layer & (7+485-7+505)/ 2nd layer.	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-230-A	Density of Soil Report # ST/FD/14658-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline Between sta.(2+600 - 2+660).	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-231-A	Density of Soil Report # ST/FD/14665-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline Between sta.(2+130 - 2+220).	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-232-A	Density of Soil Report # ST/FD/14634-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline Between sta.(7+485-7+505) /5th layer & (7+220-7+295)/ 10th layer & (7+185-7+220)/ 6th layer.	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-233-A	Fill Materials -Single Size Aggregate- Aggregate Report # BM/QC/14113 - Deir Sha'ar Main Pipeline 30" Between Stations (4+250 & 4+750)	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-234-A	Bedding Material Aggregate Report # BM/QC/14118 - Deir Sha'ar Main Pipeline 30" Between Stations (5+300 & 5+800)	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-235-A	Bedding Material Aggregate Report # BM/QC/14119 - Deir Sha'ar Main Pipeline 30" Between Stations (2+200 & 3+000)	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-236-A	Fill Materials -Single Size Aggregate- Aggregate Report # BM/QC/14120 - Deir Sha'ar Main Pipeline 30" Between Stations (5+300 - 5+800)	SHT	11/03/14	12/03/14	11/11/14	8	A

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	TEST-13-00016-SHT-237-A	Fill Materials -Single Size Aggregate- Aggregate Report # BM/QC/14121 - Deir Sha'ar Main Pipeline 30" Between Stations (2+200 - 3+000)	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-238-A	Soil and Soil Aggregate materials-Report # ST/14559-Deir Sha'ar Main Pipeline 30" Between Stations (2+800 - 3+000).	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-239-A	Soil and Soil Aggregate materials-Report # ST/14563-Biet Ummer 30" main pipeline Between Stations (0+010 - 0+180).	SHT	11/03/14	12/03/14	11/11/14	8	C
	TEST-13-00016-SHT-240-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/14304- Deir Sha'ar main pipeline Between Sta.(8+515-8+580) & Sta.(8+271 - 8+540).	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-241-A	Soil and Soil Aggregate materials-Report # ST/14511-Deir Sha'ar Main Pipeline 30" Between Stations (2+140-2+320).	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-242-A	Soil and Soil Aggregate materials-Report # ST/14526-Deir Sha'ar Main Pipeline 30" Between Stations (2+060-2+140).	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-243-A	Soil and Soil Aggregate materials-Report # ST/14550-Deir Sha'ar Main Pipeline 30" Between Stations (2+600-2+660).	SHT	11/03/14	12/03/14	11/11/14	8	A
	TEST-13-00016-SHT-244-A	Radiographic Examination Interpretation Report-Deir Sha'ar Main Pipeline- Jo. B-60-R1, 61A-R1, 61B-R1, 68-R1-R12, 69-R1-R12, 73-R12, 74-R1, 75-R1, 76-R1, 77A-R12, 77B-R12,77B-R12, 78A-R1, 78B-R12, 79-R12, 79-R12, 109A-R12, 109B-R12, 110- R13, 111-R13, 112-R13,R1-21.131- Negative Films attached	SHT	11/03/14	12/03/14	11/18/14	15	C
	TEST-13-00016-SHT-245-A	Concrete compressive strength test for Slab of manhole at sta. 9+028 / Kharas Junction-Report # BM/CT/141226-28 days.	SHT	11/23/14	12/23/14	12/01/14	8	A
	TEST-13-00016-SHT-246-A	Concrete compressive strength test for boundary wall from sta.9+984 to sta.6+972 & from sta.7+000 to sta.7+008 / Alhawawer -Report # BM/CT/141245-28 days.	SHT	11/23/14	12/23/14	12/01/14	8	A
	TEST-13-00016-SHT-247-A	Density of Soil Report # ST/FD/14716-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.5+640 to sta.5+820	SHT	11/23/14	12/23/14	12/01/14	8	A
	TEST-13-00016-SHT-248-A	Density of Soil Report # ST/FD/14719-Standard Sand ,0.6/0.3mm-Al Nabi Younis 8" pipeline from sta.0+134 to sta.0+621	SHT	11/23/14	12/23/14	12/01/14	8	A
	TEST-13-00016-SHT-249-A	Density of Soil Report # ST/FD/14722-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.2+780 to sta.3+030	SHT	11/23/14	12/23/14	12/01/14	8	A
	TEST-13-00016-SHT-250-A	Bedding Material Aggregate -Crushed Limestone Aggregates -Report # BM/QC/14125 -Deir Sha'ar main pipeline from sta.3+000 to sta.3+500.	SHT	11/23/14	12/23/14	12/01/14	8	A
	TEST-13-00016-SHT-251-A	Concrete compressive strength test for Blinding for the manhole at sta.1+280 / Beit Ummer site-Report # BM/CT/141311-28 days.	SHT	12/21/14	01/20/15	12/24/14	3	A
	TEST-13-00016-SHT-252-A	Concrete compressive strength test for Blinding for the Retaining wall from sta.4+345 to sta.4+365 / Beit Ummer site-Report # BM/CT/141344-28 days.	SHT	12/21/14	01/20/15	12/24/14	3	A
	TEST-13-00016-SHT-253-A	Concrete compressive strength test for base for the Manhole at sta.0+740 / Beit Ummer site-Report # BM/CT/141410-28 days.	SHT	12/21/14	01/20/15	12/24/14	3	A
	TEST-13-00016-SHT-254-A	Concrete compressive strength test for the retaining wall from sta.4+335 to sta.4+352 / Beit Ummer site-Report # BM/CT/141420-28 days.	SHT	12/21/14	01/20/15	12/24/14	3	C
	TEST-13-00016-SHT-255-A	Soil and Soil Aggregate materials-Report # ST/14634-Al Nabi Younis 6" pipeline from sta.0+086 to sta.0+805.	SHT	12/21/14	01/20/15	12/24/14	3	A
	TEST-13-00016-SHT-256-A	Bedding Material Aggregate -Crushed Limestone Aggregates -Report # BM/QC/14137-Deir Sha'ar main pipeline from 3+500 to sta.4+200.	SHT	12/21/14	01/20/15	12/24/14	3	A
	TEST-13-00016-SHT-257-A	Bedding Material Aggregate -Crushed Limestone Aggregates -Report # BM/QC/14138-Al Nabi Younis 6" pipeline from sta.0+086 to sta.0+805	SHT	12/21/14	01/20/15	12/24/14	3	A

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	TEST-13-00016-SHT-258-A	Aggregate Report # BM/QC/14135 - Al Nabi Younis 6" pipeline from sta.0+086 to sta.0+805	SHT	12/21/14	01/20/15	12/24/14	3	A
	TEST-13-00016-SHT-259-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/14332- Al Nabi Younis 6" pipeline from sta.0+134 to sta.0+621.	SHT	12/21/14	01/20/15	12/24/14	3	A
	TEST-13-00016-SHT-260-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/14333- Deir Sha'ar main pipeline from sta.2+780 to 2+900.	SHT	12/21/14	01/20/15	12/24/14	3	A
	TEST-13-00016-SHT-261-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/14336- Deir Sha'ar main pipeline from sta.2+900 to 3+030.	SHT	12/21/14	01/20/15	12/24/14	3	A
	TEST-13-00016-SHT-262-A	Ultrasonic Inspection Reports - Deir Sha'ar Main Pipeline 30" -From sta.5+629.80 to 5+083.30.	SHT	12/21/14	01/20/15	12/30/14	9	A
	TEST-13-00016-SHT-263-A	Ultrasonic Inspection Reports - Deir Sha'ar Main Pipeline 30" -From sta.3+111.91 to 3+895.87.	SHT	12/21/14	01/20/15	12/30/14	9	A
	TEST-13-00016-SHT-264-A	Concrete compressive strength test for the footing of retaining wall from sta.4+335 to sta.4+352 / Beit Ummer site-Report # BM/CT/141364-28 days.	SHT	01/21/15	02/20/15	02/01/15	11	A
	TEST-13-00016-SHT-265-A	Concrete compressive strength test for base of the manhole at sta.0+020 -Al Aroub network -Report # BM/CT/141429-28 days.	SHT	01/21/15	02/20/15	02/01/15	11	A
	TEST-13-00016-SHT-266-A	Concrete compressive strength test for slab of the manhole at 1+942 -Beit Ummer site -Report # BM/CT/141449-28 days.	SHT	01/21/15	02/20/15	02/01/15	11	A
	TEST-13-00016-SHT-267-A	Concrete compressive strength test for walls of the manhole at 0+743 -Beit Ummer site -Report # BM/CT/141462-28 days.	SHT	01/21/15	02/20/15	02/01/15	11	A
	TEST-13-00016-SHT-268-A	Concrete compressive strength test for walls of the manhole at sta.0+020 -Al Aroub network -Report # BM/CT/141477-28 days.	SHT	01/21/15	02/20/15	02/01/15	11	A
	TEST-13-00016-SHT-269-A	Concrete compressive strength test for slab of the manhole at 0+743 -Beit Ummer site -Report # BM/CT/141481-28 days.	SHT	01/21/15	02/20/15	02/01/15	11	A
	TEST-13-00016-SHT-270-A	Density of Soil Report # ST/FD/14812-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.5+040 to sta.5+600	SHT	01/21/15	02/20/15	01/28/15	7	A
	TEST-13-00016-SHT-271-A	Density of Soil Report # ST/FD/14813-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.3+900 to sta. 3+970 & from sta.4+020 to sta.4+120.	SHT	01/21/15	02/20/15	01/28/15	7	A
	TEST-13-00016-SHT-272-A	Density of Soil Report # ST/FD/14816-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.0+080 to sta.0+500 / Al Nabi Younis 8" pipeline.	SHT	01/21/15	02/20/15	01/28/15	7	A
	TEST-13-00016-SHT-273-A	Density of Soil Report # ST/FD/14830-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.0+500 to sta.0+800 / Al Nabi Younis 8" pipeline.	SHT	01/21/15	02/20/15	01/28/15	7	A
	TEST-13-00016-SHT-274-A	Density of Soil Report # ST/FD/14832-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.4+120 to sta.4+270.	SHT	01/21/15	02/20/15	01/28/15	7	A
	TEST-13-00016-SHT-275-A	Density of Soil Report # ST/FD/15006-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.3+620 to sta.3+780.	SHT	01/21/15	02/20/15	01/28/15	7	A
	TEST-13-00016-SHT-276-A	Aggregate Report # BM/QC/14148 - Al Nabi Younis 4" pipeline from sta.0+000 to sta.0+500	SHT	01/21/15	02/20/15	01/28/15	7	A
	TEST-13-00016-SHT-277-A	Soil and Soil Aggregate materials-Report # ST/14674-Deir Sha'ar main pipeline from sta.5+040 to sta.5+600	SHT	01/21/15	02/20/15	01/28/15	7	A
	TEST-13-00016-SHT-278-A	Soil and Soil Aggregate materials-Report # ST/14675-Deir Sha'ar main pipeline from sta.4+040 to sta.4+120	SHT	01/21/15	02/20/15	01/28/15	7	A
	TEST-13-00016-SHT-279-A	Soil and Soil Aggregate materials-Report # ST/14676-Deir Sha'ar main pipeline from sta.3+900 to sta.4+040	SHT	01/21/15	02/20/15	01/28/15	7	A
	TEST-13-00016-SHT-280-A	Soil and Soil Aggregate materials-Report # ST/14678-Al Nabi yonis / Al Ramooz pipe line 4" from sta.0+000 to sta.0+500	SHT	01/21/15	02/20/15	01/28/15	7	A
	TEST-13-00016-SHT-281-A	Soil and Soil Aggregate materials-Report # ST/14684-Deir Sha'ar main pipeline from sta.4+120 to sta.4+270	SHT	01/21/15	02/20/15	01/28/15	7	A

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	TEST-13-00016-SHT-282-A	Soil and Soil Aggregate materials-Report # ST/15001-Deir Sha'ar main pipeline from sta.3+620 to sta.3+780.	SHT	01/21/15	02/20/15	01/28/15	7	A
	TEST-13-00016-SHT-283-A	Aggregate Report # BM/QC/15010- Deir Sha'ar main pipeline 30" from sta.7+750 to sta.8+250	SHT	01/21/15	02/20/15	02/01/15	11	A
	TEST-13-00016-SHT-284-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/14363- Deir Sha'ar main pipe line from sta.3+780 to sta.3+900.	SHT	01/21/15	02/20/15	01/28/15	7	A
	TEST-13-00016-SHT-285-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/14377- AlNabi younis pipe line from sta.0+080 to sta.0+400.	SHT	01/21/15	02/20/15	01/28/15	7	A
	TEST-13-00016-SHT-286-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/15003- AlNabi younis 6" pipe line from sta.0+400 to sta.0+550.	SHT	01/21/15	02/20/15	01/28/15	7	A
	TEST-13-00016-SHT-287-A	Cast Iron cover for water system/ Circular open- Report # BM/PTIC/15001	SHT	01/21/15	02/20/15	02/01/15	11	A
	TEST-13-00016-SHT-288-A	Soil and Soil Aggregate materials-Report # ST/15006-Deir Sha'ar main pipeline from sta.3+900 to sta.4+270.	SHT	01/21/15	02/20/15	02/01/15	11	A
	TEST-13-00016-SHT-289-A	Concrete compressive strength test for base of the manhole at 1+943 -Beit Ummer site -Report # BM/CT/141400-28 days.	SHT	01/25/15	02/24/15	01/28/15	3	A
	TEST-13-00016-SHT-290-A	Concrete compressive strength test for walls of the A.R.V manhole at 2+780 -Beit Ummer site -Report # BM/CT/15016-28 days.	SHT	01/25/15	02/24/15	01/28/15	3	A
	TEST-13-00016-SHT-291-A	Concrete compressive strength test for walls of the Main connection chamber at 1+280 -Beit Ummer site -Report # BM/CT/15017-28 days.	SHT	01/25/15	02/24/15	01/28/15	3	A
	TEST-13-00016-SHT-292-A	Concrete compressive strength test for walls of the A.R.V manhole at 2+782-Beit Ummer site & connection at sta.0+020 -Al Aroub network -Report # BM/CT/15052-28 days.	SHT	01/25/15	02/24/15	01/28/15	3	A
	TEST-13-00016-SHT-293-A	Concrete compressive strength test for blinding of retaining wall -Halhul site from sta.7+375 to sta.7+390 -Report # BM/CT/15039-28 days.	SHT	01/25/15	02/24/15	01/28/15	3	A
	TEST-13-00016-SHT-294-A	Concrete compressive strength test for blinding of the retaining wall -Halhul site from sta.3+255 to sta.3+275 -Report # BM/CT/15097-28 days.	SHT	01/25/15	02/24/15	01/28/15	3	A
	TEST-13-00016-SHT-295-A	Concrete compressive strength test for footing of retaining wall -Halhul site from sta.7+375 to sta.7+390 -Report # BM/CT/15074-28 days.	SHT	01/25/15	02/24/15	02/01/15	7	A
	TEST-13-00016-SHT-296-A	Concrete compressive strength test for footing of retaining wall -Beit Ummer site from sta.3+234 to sta.3+255 -Report # BM/CT/15069-28 days.	SHT	01/25/15	02/24/15	02/01/15	7	A
	TEST-13-00016-SHT-297-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/15006- Al Nabi Younis 6" from sta.0+550 to sta.0+800.	SHT	01/25/15	02/24/15	02/01/15	7	A
	TEST-13-00016-SHT-298-A	Density of Soil Report # ST/FD/15015-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.6+250 to sta.6+580/Karm Sur.	SHT	01/28/15	02/27/15	02/04/15	7	A
	TEST-13-00016-SHT-299-A	Density of Soil Report # ST/FD/15019-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.6+600 to sta.6+680.	SHT	01/28/15	02/27/15	02/04/15	7	A
	TEST-13-00016-SHT-300-A	Soil and Soil Aggregate materials-Report # ST/15010-Deir Sha'ar main pipeline from sta.6+250 to sta.6+580.	SHT	01/28/15	02/27/15	02/04/15	7	A
	TEST-13-00016-SHT-301-A	Soil and Soil Aggregate materials-Report # ST/15013-Deir Sha'ar main pipeline from sta.6+600 to sta.6+820.	SHT	01/28/15	02/27/15	02/04/15	7	A
	TEST-13-00016-SHT-302-A	Soil and Soil Aggregate materials-Report # ST/15018-Deir Sha'ar main pipeline from sta.7+750 to sta.8+250	SHT	01/28/15	02/27/15	02/04/15	7	A
	TEST-13-00016-SHT-303-A	Concrete compressive strength test for base of the 2GV & connection chamber at sta.3+485-Beit Ummer site -Report # BM/CT/15107-28 days.	SHT	01/28/15	02/27/15	02/04/15	7	A
	TEST-13-00016-SHT-304-A	Concrete compressive strength test for base of the ARV chamber at sta.2+782-Beit Ummer site -Report # BM/CT/15113-28 days.	SHT	01/28/15	02/27/15	02/04/15	7	A

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	TEST-13-00016-SHT-305-A	Concrete compressive strength test for footing of retaining wall -Beit Ummer site from sta.3+255 to sta.3+275 -Report # BM/CT/15130-28 days.	SHT	01/28/15	02/27/15	02/04/15	7	A
	TEST-13-00016-SHT-306-A	Concrete compressive strength test for wall of the retaining wall -Beit Ummer site from sta.3+234 to sta.3+244 -Report # BM/CT/15131-28 days.	SHT	01/28/15	02/27/15	02/04/15	7	A
	TEST-13-00016-SHT-307-A	Bedding Material Aggregate -Crushed Limestone Aggregates -Report # BM/QC/15009 - Deiar Sha'ar Main Pipeline from sta.7+750 to sta.8+250	SHT	01/28/15	02/27/15	02/04/15	7	A
	TEST-13-00016-SHT-308-A	Aggregate Report # BM/QC/15008- Deir Sha'ar main pipeline 30" from sta.6+240 to sta.6+800	SHT	01/28/15	02/27/15	02/04/15	7	A
	TEST-13-00016-SHT-309-A	Bedding Material Aggregate -Crushed Limestone Aggregates -Report # BM/QC/15007 - Deir Sha'ar Main Pipeline from sta.6+240 to sta.6+800	SHT	01/28/15	02/27/15	02/04/15	7	A
	TEST-13-00016-SHT-310-A	Radiographic Examination Interpretation Report-Deir Sha'ar Main Pipeline-3", 4",6"& 8" - Negative Films attached	SHT	02/03/15	03/05/15	02/25/15	22	C
	TEST-13-00016-SHT-310-B	Radiographic Examination Interpretation Report-Deir Sha'ar Main Pipeline-3", 4",6"& 8"	SHT	03/31/15	04/30/15	04/14/15	14	A
	TEST-13-00016-SHT-311-A	Soil and Soil Aggregate materials-Report # ST/14619-Deir Sha'ar main pipeline at sta.6+800	SHT	02/03/15	03/05/15	02/11/15	8	D
	TEST-13-00016-SHT-312-A	Deep test pit - Report # 15015 - Deir Sha'ar main pipe line/ Shahera network at sta.0+500	SHT	02/03/15	03/05/15	02/11/15	8	A
	TEST-13-00016-SHT-313-A	Ultrasonic Inspection Reports - Deir Sha'ar Main Pipeline 30" -From sta.0+143.74 to 0+012.02.	SHT	02/26/15	03/28/15	03/09/15	11	A
	TEST-13-00016-SHT-314-A	Ultrasonic Inspection Reports - Deir Sha'ar Main Pipeline 30" -From sta.6+244.2 to 6+812.26.	SHT	02/26/15	03/28/15	03/09/15	11	A
	TEST-13-00016-SHT-315-A	Ultrasonic Inspection Reports - Deir Sha'ar Main Pipeline 30" -From sta.8+271.36 to 7+539.57.	SHT	02/26/15	03/28/15	03/09/15	11	A
	TEST-13-00016-SHT-316-A	Ultrasonic Inspection Reports - Deir Sha'ar Main Pipeline 30" -From sta.3+908.07 to sta.3+4+274 & from sta.5+079.88 to 4+646.44 - Refer to SUB-13-00016-SHT-310- Refer to SUB-13-00016-SHT-310-A	SHT	02/26/15	03/28/15	03/09/15	11	A
	TEST-13-00016-SHT-317-A	Concrete compressive strength test for wall of the retaining wall -Halhul site from sta.7+375 to sta.7+390 -Report # BM/CT/15140-28 days.	SHT	03/18/15	04/17/15	03/22/15	4	A
	TEST-13-00016-SHT-318-A	Concrete compressive strength test for wall of the retaining wall -Beit Ummer site from sta.3+247 to sta.3+255-Report # BM/CT/15154-28 days.	SHT	03/18/15	04/17/15	03/22/15	4	A
	TEST-13-00016-SHT-319-A	Concrete compressive strength test for base of W.O chamber at sta.2+857-Report # BM/CT/15161-28 days.	SHT	03/18/15	04/17/15	03/22/15	4	A
	TEST-13-00016-SHT-320-A	Concrete compressive strength test for base of the flow monitoring chamber at sta.4+625, base of W.O chamber at sta.4+593 & roof slab of G.V chamber at sta.3+485-Report # BM/CT/15169-28 days.	SHT	03/18/15	04/17/15	03/22/15	4	A
	TEST-13-00016-SHT-321-A	Density of Soil Report # ST/FD/15032-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.0+000 to sta.0+145.	SHT	03/18/15	04/17/15	03/30/15	12	A
	TEST-13-00016-SHT-322-A	Density of Soil Report # ST/FD/15042-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.7+310 to sta.7+390 / 3rd layer / Behind the retaining wall .	SHT	03/18/15	04/17/15	03/30/15	12	A
	TEST-13-00016-SHT-323-A	Soil and Soil Aggregate materials-Report # ST/15021-Deir Sha'ar main pipeline from sta.6+800from sta.0+000 to sta.0+145.	SHT	03/18/15	04/17/15	03/30/15	12	A
	TEST-13-00016-SHT-324-A	Soil and Soil Aggregate materials-Report # ST/15025-Deir Sha'ar main pipeline from sta.6+250 to sta.6+820.	SHT	03/18/15	04/17/15	03/30/15	12	A
	TEST-13-00016-SHT-325-A	Soil and Soil Aggregate materials-Report # ST/15036-Deir Sha'ar main pipeline from sta.0+000 to sta.0+140	SHT	03/18/15	04/17/15	03/30/15	12	A
	TEST-13-00016-SHT-326-A	Concrete compressive strength test for walls of the flow monitoring chamber at sta.4+625 & roof slab of W.O chamber at sta.4+593 -Report # BM/CT/15279-28 days.	SHT	03/18/15	04/17/15	03/22/15	4	A
	TEST-13-00016-SHT-327-A	Concrete compressive strength test for base of 8" Beit Ummer manhole at sta.2+320 -Report # BM/CT/15280-28 days.	SHT	03/18/15	04/17/15	03/22/15	4	A
	TEST-13-00016-SHT-328-A	Concrete compressive strength test for base of ARV chamber at sta.4+082 -Report # BM/CT/15294-28 days.	SHT	03/18/15	04/17/15	03/22/15	4	A

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	TEST-13-00016-SHT-329-A	Concrete compressive strength test for walls of 8" Beit Ummer manhole at sta.2+320 -Report # BM/CT/15299-28 days.	SHT	03/18/15	04/17/15	03/22/15	4	A
	TEST-13-00016-SHT-330-A	Concrete compressive strength test for wall of the retaining wall from sta.3+265 to sta.3+277 -Report # BM/CT/15310-28 days.	SHT	03/18/15	04/17/15	03/22/15	4	A
	TEST-13-00016-SHT-331-A	Concrete compressive strength test for walls of the ARV chamber at sta.4+082 & base of connection to existing chamber at sta.3+780 -Report # BM/CT/15314-28 days.	SHT	03/18/15	04/17/15	03/22/15	4	A
	TEST-13-00016-SHT-332-A	Density of Soil Report # ST/FD/15083-Standard Sand ,0.6/0.3mm-Al Nabi Younis l Alramooz 4" pipeline from sta.0+200 to sta.0+500.	SHT	03/18/15	04/17/15	03/30/15	12	A
	TEST-13-00016-SHT-333-A	Density of Soil Report # ST/FD/15095-Standard Sand ,0.6/0.3mm-Al Nabi Younis l Alramooz 4" pipeline from sta.0+000 to sta.0+200.	SHT	03/18/15	04/17/15	03/30/15	12	A
	TEST-13-00016-SHT-334-A	Density of Soil Report # ST/FD/15107-Standard Sand ,0.6/0.3mm-30" Deir Sha'ar main pipeline from sta.7+500 to sta.7+970.	SHT	03/18/15	04/17/15	03/30/15	12	A
	TEST-13-00016-SHT-335-A	Density of Soil Report # ST/FD/15108-Standard Sand ,0.6/0.3mm-30" Deir Sha'ar main pipeline from sta.7+500 to sta.7+970/ Retest point.	SHT	03/18/15	04/17/15	03/30/15	12	A
	TEST-13-00016-SHT-336-A	Concrete compressive strength test for base of the ARV chamber at sta.4+993 & roof slab of connection to existing chamber at sta.2+320 -Report # BM/CT/15321-28 days.	SHT	03/31/15	04/30/15	04/14/15	14	A
	TEST-13-00016-SHT-337-A	Concrete compressive strength test for retaining wall from sta.4+440.6 to sta.4+431 LHS -Report # BM/CT/15322-28 days.	SHT	03/31/15	04/30/15	04/09/15	9	A
	TEST-13-00016-SHT-338-A	Concrete compressive strength test for walls of the connection to existing chamber at sta.3+780 -Report # BM/CT/15328-28 days.	SHT	03/31/15	04/30/15	04/09/15	9	A
	TEST-13-00016-SHT-339-A	Concrete compressive strength test for roof slab of A.R.V chamber at sta.4+082 & connection to existing chamber at sta.3+780 -Report # BM/CT/15348-28 days.	SHT	03/31/15	04/30/15	04/09/15	9	A
	TEST-13-00016-SHT-340-A	Concrete compressive strength test for roof slab of A.R.V chamber at sta.5+607 & walls of chamber at sta.4+993 -Report # BM/CT/15349-28 days.	SHT	03/31/15	04/30/15	04/09/15	9	A
	TEST-13-00016-SHT-341-A	Concrete compressive strength test for retaining wall from sta.4+420 to sta.4+431 -Report # BM/CT/15352-28 days.	SHT	03/31/15	04/30/15	04/09/15	9	A
	TEST-13-00016-SHT-342-A	Concrete compressive strength test for footing of retaining wall from sta.3+452 to sta.3+460 -Report # BM/CT/15353-28 days.	SHT	03/31/15	04/30/15	04/09/15	9	A
	TEST-13-00016-SHT-343-A	Concrete compressive strength test for base of A.R.V chamber at sta.6+600-Report # BM/CT/15361-28 days.	SHT	03/31/15	04/30/15	04/09/15	9	A
	TEST-13-00016-SHT-344-A	Density of Soil Report # ST/FD/15134-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.0+500 to sta.0+778 / AL Nabi Younis - Al Ramooz 4" pipeline.	SHT	03/31/15	04/30/15	04/09/15	9	A
	TEST-13-00016-SHT-345-A	Density of Soil Report # ST/FD/15135-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.6+850 to sta.7+160.	SHT	03/31/15	04/30/15	04/09/15	9	A
	TEST-13-00016-SHT-346-A	Bedding Material Aggregate Report # BM/QC/15034 - Deir Sha'ar Main Pipeline 30" Between Stations (9+400 to 10+000)	SHT	03/31/15	04/30/15	04/09/15	9	A
	TEST-13-00016-SHT-347-A	Aggregate Report # BM/QC/15035 - Deir Sha'ar Main Pipeline 30" Between Stations (9+400 to 10+000).	SHT	03/31/15	04/30/15	04/09/15	9	A
	TEST-13-00016-SHT-348-A	Soil and Soil Aggregate materials-Report # ST/15095-Deir Sha'ar main pipeline- Stockpile Area/ Al Hawawer Site.	SHT	03/31/15	04/30/15	04/09/15	9	A
	TEST-13-00016-SHT-349-A	Soil and Soil Aggregate materials-Report # ST/15103-Deir Sha'ar main pipeline from sta.6+850 to sta.7+160.	SHT	03/31/15	04/30/15	04/09/15	9	A
	TEST-13-00016-SHT-350-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/15047- Deir Sha'ar main pipeline from sta.0+300 to sta.460 /4" Al Nabi Younis pipeline.	SHT	03/31/15	04/30/15	04/14/15	14	A

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	TEST-13-00016-SHT-351-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/15050- Deir Sha'ar main pipeline from sta.0+250 to 300 & from sta.0+460 to 0+500/4" Al Nabi Younis pipeline.	SHT	03/31/15	04/30/15	04/14/15	14	A
	TEST-13-00016-SHT-352-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/15055- Deir Sha'ar main pipeline from sta.7+500 to sta.7+700.	SHT	03/31/15	04/30/15	04/14/15	14	A
	TEST-13-00016-SHT-353-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/15060- Deir Sha'ar main pipeline from sta.7+700 to sta.7+950.	SHT	03/31/15	04/30/15	04/14/15	14	A
	TEST-13-00016-SHT-354-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/15073- Zaboud 8" pipeline from sta.0+900 to sta.1+130 & Al Nabi Younis 8" pipeline from sta.0+130 to sta.0+620 & Al Nabi Younis 6" pipeline from sta.0+080 to sta.0+550.	SHT	03/31/15	04/30/15	04/14/15	14	A
	TEST-13-00016-SHT-355-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/15078- Zaboud 8" pipeline from sta.0+100 to sta.0+900.	SHT	03/31/15	04/30/15	04/14/15	14	A
	TEST-13-00016-SHT-356-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/15079- Al Nabi Younis 8" pipeline from sta.0+070 to 0+620, 4" from sta.0+000 to sta.0+500 & 6" from sta.0+550 to sta.0+814.	SHT	03/31/15	04/30/15	04/14/15	14	A
	TEST-13-00016-SHT-357-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/15085- Deir Sha'ar main pipeline from sta.7+800 to sta.7+900 to sta.8+650 to sta.9+000.	SHT	03/31/15	04/30/15	04/14/15	14	A
	TEST-13-00016-SHT-358-A	Ultrasonic Inspection Reports - Deir Sha'ar Main Pipeline 30" -From sta.7+527.37 to 6+808.72 and from Sta.9+417.2 to Sta.9+525.9	SHT	04/09/15	05/09/15	04/26/15	17	A
	TEST-13-00016-SHT-359-A	Ultrasonic Inspection Reports - Deir Sha'ar Main Pipeline 30" -From sta.9+538.06 to sta.10+488.40	SHT	04/14/15	05/14/15	04/26/15	12	A
	TEST-13-00016-SHT-360-A	Concrete compressive strength test for roof slab of the Beit Ummer Flow Monitoring chamber at sta.4+625 & roof slab of A.R.V chamber at sta.4+993 -Report # BM/CT/15395-28 days.	SHT	04/14/15	04/14/15	04/26/15	12	A
	TEST-13-00016-SHT-361-A	Concrete compressive strength test for foundation of the retaining wall from sta.3+400 to sta.3+452 -Report # BM/CT/15398-28 days.	SHT	04/14/15	04/14/15	04/26/15	12	A
	TEST-13-00016-SHT-362-A	Concrete compressive strength test for slab of main connection chamber at sta.1+280 & W.O chamber at sta.2+857 -Report # BM/CT/15422-28 days.	SHT	05/04/15	06/03/15	05/11/15	7	A
	TEST-13-00016-SHT-363-A	Concrete compressive strength test for wall of the retaining wall from sta.3+950 to sta. 3+960 & from sta.4+430 to sta.4+440 -Report # BM/CT/15423-28 days.	SHT	05/04/15	06/03/15	05/11/15	7	A
	TEST-13-00016-SHT-364-A	Concrete compressive strength test for blinding concrete of W.O chamber at sta.7+192 & concrete slab from sta.7+375 to sta.7+390 -Report # BM/CT/15434-28 days.	SHT	05/04/15	06/03/15	05/11/15	7	A
	TEST-13-00016-SHT-365-A	Concrete compressive strength test for roof slab of main connection chamber at sta.1+280 & Beit Ummer flow monitoring chamber at sta.4+625 -Report # BM/CT/15441-28 days.	SHT	05/04/15	06/03/15	05/11/15	7	A
	TEST-13-00016-SHT-366-A	Concrete compressive strength test for foundation of the retaining wall from sta.3+400 to sta.3+420 -Report # BM/CT/15451-28 days.	SHT	05/04/15	06/03/15	05/11/15	7	A
	TEST-13-00016-SHT-367-A	Concrete compressive strength test for wall of the retaining wall from sta.3+440 to sta.3+450 -Report # BM/CT/15467-28 days.	SHT	05/04/15	06/03/15	05/11/15	7	A
	TEST-13-00016-SHT-368-A	Concrete compressive strength test for base of the ARV chamber at sta.8+875 -Report # BM/CT/15478-28 days.	SHT	05/04/15	06/03/15	05/11/15	7	A
	TEST-13-00016-SHT-369-A	Concrete compressive strength test for base of the retaining wall from sta.3+380 to sta.3+400 LHS -Report # BM/CT/15483-28 days.	SHT	05/04/15	06/03/15	05/11/15	7	A
	TEST-13-00016-SHT-370-A	Concrete compressive strength test for wall of the retaining wall from sta.3+420 to sta.3+430 LHS -Report # BM/CT/15484-28 days.	SHT	05/04/15	06/03/15	05/11/15	7	A
	TEST-13-00016-SHT-371-A	Concrete compressive strength test for walls of W.O chamber at sta.7+192 -Report # BM/CT/15492-28 days.	SHT	05/04/15	06/03/15	05/11/15	7	A
	TEST-13-00016-SHT-372-A	Concrete compressive strength test for base of the main connection chamber at sta.8+890 & walls of the ARV chamber at sta.8+875 -Report # BM/CT/15500-28 days.	SHT	05/04/15	06/03/15	05/11/15	7	A

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	TEST-13-00016-SHT-373-A	Density of Soil Report # ST/FD/15145-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.6+870 to sta.7+140 / Retest.	SHT	05/04/15	06/03/15	05/11/15	7	A
	TEST-13-00016-SHT-374-A	Density of Soil Report # ST/FD/15146-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.7+360 to sta.7+500.	SHT	05/04/15	06/03/15	05/11/15	7	A
	TEST-13-00016-SHT-375-A	Density of Soil Report # ST/FD/15149-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.7+360 to sta.7+500/ Retest.	SHT	05/04/15	06/03/15	05/11/15	7	A
	TEST-13-00016-SHT-376-A	Density of Soil Report # ST/FD/15151-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.7+160 to 7+250 LHS & from sta.7+250 to sta.7+360 L & RHS.	SHT	05/04/15	06/03/15	05/11/15	7	A
	TEST-13-00016-SHT-377-A	Density of Soil Report # ST/FD/15167-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.6+850 to sta.7+100/ 1st layer.	SHT	05/04/15	06/03/15	05/11/15	7	A
	TEST-13-00016-SHT-378-A	Density of Soil Report # ST/FD/15168-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.7+360 to sta.7+500.	SHT	05/04/15	06/03/15	05/12/15	8	A
	TEST-13-00016-SHT-379-A	Density of Soil Report # ST/FD/15172-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.7+300 to sta.7+360.	SHT	05/04/15	06/03/15	05/12/15	8	A
	TEST-13-00016-SHT-380-A	Density of Soil Report # ST/FD/15173-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.7+250 to sta.7+360 / Verification Test.	SHT	05/04/15	06/03/15	05/12/15	8	A
	TEST-13-00016-SHT-381-A	Density of Soil Report # ST/FD/15177-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.6+850 to sta.7+120 / 1st layer.	SHT	05/04/15	06/03/15	05/12/15	8	A
	TEST-13-00016-SHT-382-A	Density of Soil Report # ST/FD/15178-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.7+180 to sta.7+200	SHT	05/04/15	06/03/15	05/12/15	8	A
	TEST-13-00016-SHT-383-A	Bedding Material Aggregate -Crushed Limestone Aggregates -Report # BM/QC/15047 - Deir Sha'ar Main Pipeline from sta.10+000 to sta.10+500.	SHT	05/04/15	06/03/15	05/12/15	8	A
	TEST-13-00016-SHT-384-A	Aggregate Report # BM/QC/15048- Deir Sha'ar main pipeline 30" from sta.10+000 to sta.10+500	SHT	05/04/15	06/03/15	05/12/15	8	A
	TEST-13-00016-SHT-385-A	Aggregate Report # BM/QC/15057- Deir Sha'ar main pipeline 30" from sta.3+220 to sta.3+280.	SHT	05/04/15	06/03/15	05/12/15	8	A
	TEST-13-00016-SHT-386-A	Aggregate Report # BM/QC/15058- Deir Sha'ar main pipeline 30" from 4+420 to sta.4+440	SHT	05/04/15	06/03/15	05/12/15	8	A
	TEST-13-00016-SHT-387-A	Aggregate Report # BM/QC/15059- Deir Sha'ar main pipeline 30" at sta.4+600	SHT	05/04/15	06/03/15	05/12/15	8	A
	TEST-13-00016-SHT-388-A	Soil and Soil Aggregate materials-Report # ST/15114-Deir Sha'ar main pipeline from sta.7+360 to sta.7+500.	SHT	05/04/15	06/03/15	05/12/15	8	A
	TEST-13-00016-SHT-389-A	Soil and Soil Aggregate materials-Report # ST/15121-Deir Sha'ar main pipeline from sta.7+160 to sta.7+360.	SHT	05/04/15	06/03/15	05/12/15	8	A
	TEST-13-00016-SHT-390-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/15097- Deir Sha'ar main pipeline from sta.7+515 to sta.7+950.	SHT	05/04/15	06/03/15	05/12/15	8	A
	TEST-13-00016-SHT-391-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/15103- Deir Sha'ar main pipeline - Al Ein Road from sta.0+060 to sta.0+800	SHT	05/04/15	06/03/15	05/12/15	8	A
	TEST-13-00016-SHT-392-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/15104- Beit Ummer pipeline from sta.1+750 to sta.2+250.	SHT	05/04/15	06/03/15	05/12/15	8	A
	TEST-13-00016-SHT-393-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/15105- Beit Ummer pipeline from sta.0+950 to sta.1+750.	SHT	05/04/15	06/03/15	05/12/15	8	A
	TEST-13-00016-SHT-394-A	Radiographic Examination Interpretation Report-Deir Sha'ar Main Pipeline- 30" & 8"-Negative Films attached	SHT	05/04/15	06/03/15	05/17/15	13	C
	TEST-13-00016-SHT-395-A	Concrete compressive strength test for Pre-Cast Manholes/Quality Test/Factory site -Report # BM/CT/141372-45 days.	SHT	05/19/15	06/18/15	05/27/15	8	A

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	TEST-13-00016-SHT-396-A	Bituminous paving-Thickness and Compaction -Report#AS/COR/14171- 8" (sta.0+000 to sta.2+300), 30" (sta.2+800 to sta.3+020), (sta.3+780 to sta.3+900), 8" Zaboud (sta.0+000 to sta.1+100) 8" AL Nabi Younis (sta.0+000 to sta.0+600) & 30" (sta.8+320, sta.8+500).	SHT	05/19/15	06/18/15	06/08/15	20	C
	TEST-13-00016-SHT-397-A	Ultrasonic Inspection Reports - Deir Sha'ar Main Pipeline 30" -From sta.6+219 to sta.5+830.79.	SHT	05/19/15	06/18/15	05/27/15	8	A
	TEST-13-00016-SHT-398-A	Ultrasonic Inspection Reports - Deir Sha'ar Main Pipeline 30" -From sta.10+500.6 to sta.10+986.88.	SHT	05/19/15	06/18/15	05/27/15	8	A
	TEST-13-00016-SHT-399-A	Concrete compressive strength test for walls & footing of connection to existing chamber at sta.1+115 -Report # BM/CT/15574-28 days.	SHT	05/31/15	06/30/15	06/07/15	7	A
	TEST-13-00016-SHT-400-A	Concrete compressive strength test for slab W.O chamber at sta.7+192/ Second part -Report # BM/CT/15516-28 days.	SHT	05/31/15	06/30/15	06/07/15	7	A
	TEST-13-00016-SHT-401-A	Concrete compressive strength test for walls of the halhul connection chamber at sta.8+890 -Report # BM/CT/15531-28 days.	SHT	05/31/15	06/30/15	06/07/15	7	A
	TEST-13-00016-SHT-402-A	Concrete compressive strength test for walls of the retaining wall from sta.3+980 to sta.3+990 & from sta.3+400 to sta.3+410 LHS -Report # BM/CT/15537-28 days.	SHT	05/31/15	06/30/15	06/07/15	7	A
	TEST-13-00016-SHT-403-A	Concrete compressive strength test for base of the main connection chamber at sta.11+900 -Report # BM/CT/15547-28 days.	SHT	05/31/15	06/30/15	06/07/15	7	A
	TEST-13-00016-SHT-404-A	Density of Soil Report # ST/FD/15248-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.9+520 to sta.9+680 / Base course of trench.	SHT	05/31/15	06/30/15	06/07/15	7	A
	TEST-13-00016-SHT-405-A	Density of Soil Report # ST/FD/15256-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.3+230 to sta.3+280 RHS/ 3rd layer / Behind retaining wall.	SHT	05/31/15	06/30/15	06/07/15	7	A
	TEST-13-00016-SHT-406-A	Soil and Soil Aggregate materials-Report # ST/15260-Deir Sha'ar main pipeline from sta.3+230 to sta.3+280 / 3rd layer / behind the retaining wall.	SHT	05/31/15	06/30/15	06/07/15	7	A
	TEST-13-00016-SHT-407-A	Soil and Soil Aggregate materials-Report # ST/15212-Deir Sha'ar main pipeline from sta.9+500 to sta.10+000.	SHT	05/31/15	06/30/15	06/07/15	7	A
	TEST-13-00016-SHT-408-A	Soil and Soil Aggregate materials-Report # ST/15240-Deir Sha'ar main pipeline from sta.10+500 to sta.10+900.	SHT	05/31/15	06/30/15	06/07/15	7	A
	TEST-13-00016-SHT-409-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/15141- Deir Shaar main pipeline from sta.9+520 to sta.9+680/ Binder.	SHT	05/31/15	06/30/15	06/07/15	7	A
	TEST-13-00016-SHT-410-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/15148- Deir Shaar main pipeline from sta.2+780 to sta.3+030/ Wearing course.	SHT	05/31/15	06/30/15	06/07/15	7	A
	TEST-13-00016-SHT-411-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/15151- Deir Shaar main pipeline from sta.9+200 to sta.9+416/Binder course.	SHT	05/31/15	06/30/15	06/07/15	7	A
	TEST-13-00016-SHT-412-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/15152- Deir Shaar main pipeline from sta.9+180 to sta.9+416 RHS & LHS /Wearing Course.	SHT	05/31/15	06/30/15	06/07/15	7	A
	TEST-13-00016-SHT-413-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/15158- Deir Shaar main pipeline from sta.9+416 to sta.9+680 RHS & LHS /Wearing Course.	SHT	05/31/15	06/30/15	06/07/15	7	A
	TEST-13-00016-SHT-414-A	Concrete compressive strength test for wall of the retaining wall from sta.3+390 to sta.3+400 & from sta.3+410 to sta.3+420 -Report # BM/CT/15597-28 days.	SHT	05/31/15	06/30/15	06/07/15	7	A
	TEST-13-00016-SHT-415-A	Concrete compressive strength test for walls of the Halhul Reservoir Main Connection Chamber at sta.11+900 -Report # BM/CT/15611-28 days.	SHT	05/31/15	06/30/15	06/07/15	7	A
	TEST-13-00016-SHT-416-A	Concrete compressive strength test for footing of the retaining wall from sta.3+150 to sta.3+210 RHS -Report # BM/CT/15624-28 days.	SHT	05/31/15	06/30/15	06/07/15	7	A
	TEST-13-00016-SHT-417-A	Concrete compressive strength test for Base of Halhul reservoir connection chamber at 11+850 -Report # BM/CT/15627-28 days.	SHT	05/31/15	06/30/15	06/07/15	7	A

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	TEST-13-00016-SHT-418-A	Concrete compressive strength test for walls of Halhul reservoir connection chamber at 11+850 -Report # BM/CT/15651-28 days.	SHT	05/31/15	06/30/15	06/07/15	7	A
	TEST-13-00016-SHT-419-A	Density of Soil Report # ST/FD/15273 & (15282/Retest)-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.10+500 to sta.10+900.	SHT	05/31/15	06/30/15	06/07/15	7	A
	TEST-13-00016-SHT-420-A	Soil and Soil Aggregate materials-Report # ST/15116-Deir Sha'ar main pipeline from sta.6+850 to sta.7+140 LHS & RHS/ 1st layer.	SHT	06/15/15	07/15/15	06/16/15	1	A
	TEST-13-00016-SHT-421-A	Soil and Soil Aggregate materials-Report # ST/15184-Deir Sha'ar main pipeline from sta.7+120 to sta.7+515 LHS & RHS / 2nd layer.	SHT	06/15/15	07/15/15	06/16/15	1	A
	TEST-13-00016-SHT-422-A	Soil and Soil Aggregate materials-Report # ST/15158-Deir Sha'ar main pipeline from sta.6+850 to sta.7+120 LHS & RHS / 2nd layer.	SHT	06/15/15	07/15/15	06/16/15	1	A
	TEST-13-00016-SHT-423-A	Soil and Soil Aggregate materials-Report # ST/15186-Deir Sha'ar main pipeline from sta.7+140 to sta.7+515 LHS & RHS / 1st layer.	SHT	06/15/15	07/15/15	06/16/15	1	A
	TEST-13-00016-SHT-424-A	Soil and Soil Aggregate materials-Report # ST/15278-Deir Sha'ar main pipeline from sta.10+000 to sta.10+500.	SHT	06/15/15	07/15/15	06/16/15	1	A
	TEST-13-00016-SHT-425-A	Soil and Soil Aggregate materials-Report # ST/15279-Deir Sha'ar main pipeline from sta.10+500 to sta.11+000.	SHT	06/15/15	07/15/15	06/16/15	1	A
	TEST-13-00016-SHT-426-A	Concrete compressive strength test for wall of the retaining wall from sta.3+170 to sta.3+180 & from sta.3+190 to sta.3+205 -Report # BM/CT/15660-28 days.	SHT	06/15/15	07/15/15	06/16/15	1	A
	TEST-13-00016-SHT-427-A	Concrete compressive strength test for walls of the Connection chamber at sta.6+240-Report # BM/CT/15665-28 days.	SHT	06/15/15	07/15/15	06/16/15	1	A
	TEST-13-00016-SHT-428-A	Density of Soil Report # ST/FD/15309-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.7+120 to sta.7+230 LHS /Side walk.	SHT	06/15/15	07/15/15	06/16/15	1	A
	TEST-13-00016-SHT-429-A	Density of Soil Report # ST/FD/15310-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from 6+850 to sta.7+080 LHS & RHS / 2nd layer.	SHT	06/15/15	07/15/15	06/16/15	1	A
	TEST-13-00016-SHT-430-A	Aggregate Report # BM/QC/15068- Deir Sha'ar main pipeline 30" from sta.7+330 to sta.7+480 Median	SHT	06/15/15	07/15/15	06/16/15	1	A
	TEST-13-00016-SHT-431-A	Analytical Report-Disinfection for 3" pipe from sta.3+900 to sta.3+340 & from sta.3+515 to sta.3+775 -Deir Sha'ar Main pipeline/ Beit Ummer site.	SHT	06/15/15	07/15/15	06/16/15	1	A
	TEST-13-00016-SHT-432-A	FDT for Subgrade-Report # ST/FD/15267-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.7+440 to sta.7+515 LHS / Side walk & at sta.7+230 RHS.	SHT	06/24/15	07/24/15	06/24/15	0	A
	TEST-13-00016-SHT-433-A	FDT for 1st Base course layer Report # ST/FD/15213-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.7+320 to sta.7+500 LHS.	SHT	06/24/15	07/24/15	06/24/15	0	A
	TEST-13-00016-SHT-434-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/15117- Deir Shaar main pipeline from sta.3+780 to sta.3+900.	SHT	06/24/15	07/24/15	06/24/15	0	C
	TEST-13-00016-SHT-435-A	Asphalt core test -Report#AS/TBM/15078- Deir Shaar main pipeline from sta.0+000 to sta.1+100 / Zaboud network/ wearing layer.	SHT	06/24/15	07/24/15	06/24/15	0	C
	TEST-13-00016-SHT-436-A	Asphalt core test- Report#AS/TBM/15076- Deir Shaar main pipeline from sta.6+850 to sta.7+090 L & RHS, 7+090 to sta.7+515 L & RHS/ binder layer.	SHT	06/24/15	07/24/15	06/24/15	0	C
	TEST-13-00016-SHT-437-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/15197- Deir Shaar main pipeline from sta.8+020 to sta.8+194/Above storm water trench & above 30" main pipeline.	SHT	06/24/15	07/24/15	06/24/15	0	A
	TEST-13-00016-SHT-438-A	Prime coat application rate - Report#AS/15192- Deir Sha'ar main pipeline from sta.8+270 to sta.8+590 RHS	SHT	06/24/15	07/24/15	06/24/15	0	A
	TEST-13-00016-SHT-439-A	Quality control test -Report # ST/15313-Deir Sha'ar main pipeline from sta.9+680 to sta.10+150.	SHT	06/24/15	07/24/15	06/24/15	0	A
	TEST-13-00016-SHT-440-A	Quality control test -Report # ST/15314-Deir Sha'ar main pipeline from sta.10+150 to sta.10+200.	SHT	06/24/15	07/24/15	06/24/15	0	A

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	TEST-13-00016-SHT-441-A	Proctor test for Topping layer -Report # ST/15190-Deir Sha'ar main pipeline from sta.7+160 to sta.7+200 L & RHS.	SHT	06/24/15	07/24/15	06/24/15	0	A
	TEST-13-00016-SHT-442-A	FDT for Topping layer- Report # ST/FD/15202-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.7+160 to sta.7+200 L & RHS.	SHT	06/24/15	07/24/15	06/24/15	0	A
	TEST-13-00016-SHT-443-A	FDT for Subgrade layer- Report # ST/FD/15223-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.7+200 to sta.7+240.	SHT	06/24/15	07/24/15	06/24/15	0	A
	TEST-13-00016-SHT-444-A	Proctor test for Subgrade layer -Report # ST/15194-Deir Sha'ar main pipeline from sta.7+200 to sta.7+240.	SHT	06/24/15	07/24/15	06/24/15	0	A
	TEST-13-00016-SHT-445-A	Proctor test for Topping layer -Report # ST/15198-Deir Sha'ar main pipeline from sta.7+190 to sta.7+240 RHS & from sta.7+190 to sta.7+250 LHS.	SHT	06/24/15	07/24/15	06/24/15	0	A
	TEST-13-00016-SHT-446-A	FDT for topping layer- Report # ST/FD/15228-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.7+190 to sta.7+240 RHS & from sta.7+190 to sta.7+250 LHS.	SHT	06/24/15	07/24/15	06/24/15	0	A
	TEST-13-00016-SHT-447-A	FDT for Side walk base course layer- Report # ST/FD/15295-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.7+320 to sta.7+370 LHS & from sta.7+460 to sta.7+500 LHS	SHT	06/24/15	07/24/15	06/24/15	0	A
	TEST-13-00016-SHT-448-A	Proctor test for side walk base course layer -Report # ST/15264-Deir Sha'ar main pipeline from 7+320 to sta.7+370 LHS & from sta.7+460 to sta.7+500 LHS.	SHT	06/24/15	07/24/15	06/24/15	0	A
	TEST-13-00016-SHT-449-A	FDT for Side walk Subgrade layer Report # ST/FD/15280-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.7+280 to sta.7+380 LHS	SHT	06/24/15	07/24/15	06/24/15	0	A
	TEST-13-00016-SHT-450-A	Proctor test for Subgrade layer -Report # ST/15230-Deir Sha'ar main pipeline from 7+440 to sta.7+515 LHS / side walk & Entrance at sta.7+230 RHS.	SHT	06/24/15	07/24/15	06/24/15	0	A
	TEST-13-00016-SHT-451-A	FDT for Base course 1st layer- Report # ST/FD/15192-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.7+340 to sta.7+500 RHS.	SHT	06/24/15	07/24/15	06/24/15	0	A
	TEST-13-00016-SHT-452-A	FDT for Base course 1st layer- Report # ST/FD/15247-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.7+180 to sta.7+320 LHS.	SHT	06/24/15	07/24/15	06/24/15	0	A
	TEST-13-00016-SHT-453-A	FDT for Base course 1st layer- Report # ST/FD/15215-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.7+140 to sta.7+180 RHS	SHT	06/24/15	07/24/15	06/24/15	0	A
	TEST-13-00016-SHT-454-A	FDT for Base course 1st layer- Report # ST/FD/15214-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.7+140 to sta.7+180 LHS.	SHT	06/24/15	07/24/15	06/24/15	0	A
	TEST-13-00016-SHT-455-A	FDT for Sub grade layer- Report # ST/FD/15343-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.7+300 to sta.7+400 RHS.	SHT	06/28/15	07/28/15	06/30/15	2	A
	TEST-13-00016-SHT-456-A	FDT for Sub grade layer- Report # ST/FD/15347-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.7+320 to sta.7+300 RHS / Side walk.	SHT	06/28/15	07/28/15	06/30/15	2	A
	TEST-13-00016-SHT-457-A	FDT for Base course layer- Report # ST/FD/15350-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.7+300 to 7+400 / Side walk.	SHT	06/28/15	07/28/15	06/30/15	2	A
	TEST-13-00016-SHT-458-A	FDT for Sub grade layer- Report # ST/FD/15358-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.3+220 to sta.3+440.	SHT	06/28/15	07/28/15	06/30/15	2	A
	TEST-13-00016-SHT-459-A	FDT for Base course layer- Report # ST/FD/15372-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.7+090 to sta.7+515 / 2nd layer.	SHT	06/28/15	07/28/15	06/30/15	2	A
	TEST-13-00016-SHT-460-A	FDT for Base course layer- Report # ST/FD/15380-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.8+270 to sta.8+590 RHS / 2nd layer.	SHT	06/28/15	07/28/15	06/30/15	2	A
	TEST-13-00016-SHT-461-A	FDT for Base course layer- Report # ST/FD/15382-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.8+020 to sta.8+194 LHS/ Above 30" main pipeline.	SHT	06/28/15	07/28/15	06/30/15	2	A
	TEST-13-00016-SHT-462-A	Proctor test for Subgrade layer -Report # ST/15293-Deir Sha'ar main pipeline from sta.7+300 to sta.7+400 RHS.	SHT	06/28/15	07/28/15	06/30/15	2	A

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	TEST-13-00016-SHT-463-A	Proctor test for Subgrade layer -Report # ST/15297-Deir Sha'ar main pipeline from sta.3+220 to sta.3+440.	SHT	06/28/15	07/28/15	06/30/15	2	A
	TEST-13-00016-SHT-464-A	Soil and Soil Aggregate materials-Report # ST/15301-Deir Sha'ar main pipeline from sta.8+270 to sta.8+570 RHS & LHS / 1st & 2nd Base course layer.	SHT	06/28/15	07/28/15	06/30/15	2	A
	TEST-13-00016-SHT-465-A	Prime coat application rate - Report#AS/15168- Deir Sha'ar main pipeline from sta.7+080 to sta.7+515 LHS.	SHT	06/28/15	07/28/15	06/30/15	2	A
	TEST-13-00016-SHT-466-A	Prime coat application rate - Report#AS/15183- Deir Sha'ar main pipeline from sta.10+630 to sta.10+840.	SHT	06/28/15	07/28/15	06/30/15	2	A
	TEST-13-00016-SHT-467-A	Prime coat application rate - Report#AS/15187- Deir Sha'ar main pipeline from sta.7+090 to sta.7+515 RHS.	SHT	06/28/15	07/28/15	06/30/15	2	A
	TEST-13-00016-SHT-468-A	Bituminous paving mixture report-Asphalt loose sample Report#AS/TBM/15198- Deir Shaar main pipeline from sta.8+270 to sta.8+590.	SHT	06/28/15	07/28/15	06/30/15	2	A
	TEST-13-00016-SHT-469-A	Concrete compressive strength test for retaining wall from sta.3+450 to sta.3+460 & from sta.3+470 to sta.3+480 -Report # BM/CT/15715-28 days.	SHT	06/28/15	07/28/15	06/30/15	2	A
	TEST-13-00016-SHT-470-A	Concrete compressive strength test for Footings of Street Light Poles At Stations (7+120, 7+150, 7+360, 7+400, 7+440 & 7+460) -Report # BM/CT/15717-28 days.	SHT	06/28/15	07/28/15	06/30/15	2	A
	TEST-13-00016-SHT-471-A	Concrete compressive strength test for walls of the chamber at sta.10+460 -Report # BM/CT/15723-28 days.	SHT	06/28/15	07/28/15	06/30/15	2	A
	TEST-13-00016-SHT-472-A	FDT & verification test for Base course layer - Report # ST/FD/15337-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.7+090 to sta.7+515 / Median.	SHT	06/28/15	07/28/15	06/30/15	2	A
	TEST-13-00016-SHT-473-A	FDT & Retest for Base course layer- Report # ST/FD/15321-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.7+080 to sta.7+515 LHS/ 2nd layer.	SHT	06/28/15	07/28/15	06/30/15	2	A
	TEST-13-00016-SHT-474-A	FDT & Retest for Base course layer- Report # ST/FD/15353-Standard Sand ,0.6/0.3mm-Deir Sha'ar main pipeline from sta.8+270 to sta.8+570 RHS/ 1nd layer.	SHT	06/28/15	07/28/15	06/30/15	2	A
	TEST-13-00016-SHT-475-A	Analytical Report-Disinfection for 3" pipe from sta.9+680 to sta.10+400 -Deir Sha'ar Main pipeline/ Halhul site.	SHT	06/28/15	07/28/15	06/30/15	2	A
	TEST-13-00016-SHT-476-A	Analytical Report-Disinfection for 6" & 4" pipe from sta.6+820 to sta.8+880 -Deir Sha'ar Main pipeline/ Halhul site.	SHT	06/28/15	07/28/15	06/30/15	2	A

DV = Division A= No Exceptions Noted B = Make Corrections Noted C = Amend-Resubmit D= Rejected-Resubmit E= Review Not Required

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	RFI-13-00016-SHT-001	Sizes / Ratings of associated valves and fittings drawings sheets (MD-09 and MD-10) Task order # 16	SHT	12/04/13	01/03/14	12/22/13	18	Maher Awawdeh
	RFI-13-00016-SHT-002	Applicability of Mechanical Specifications governing 760mm steel pipe (section 15000- Piping, General) (section 15025- steel pipe –ASTM A53/A106 Modified) and (section 02570- steel pipe, specials, and fittings – AWWA C200 Modified)	SHT	12/22/13	01/21/14	01/12/14	21	Maher Awawdeh
	RFI-13-00016-SHT-003	Trench type and width for 760mm main pipeline – Deir Sha'ar Project, TO # 16	SHT	01/16/14	02/15/14	01/22/14	6	Maher Awawdeh
	RFI-13-00016-SHT-004	Replacement of the motorized valve at Halhul with hydraulically operated level control valve- Deir Sha'ar Project, TO # 16	SHT	01/16/14	02/15/14	02/03/14	18	Maher Awawdeh
	RFI-13-00016-SHT-006	Existing unsuitable material (Dumping material) located within our SOW from sta. 7+090 to 7+160. At Deir Sha'ar main pipeline project, TO # 16	SHT	01/22/14	02/21/14	01/29/14	7	Maher Awawdeh
	RFI-13-00016-SHT-007	Proposed pipe culvert at sta. 0+650 and guardrail for Task Order #16, Deir Sha'ar Main pipeline	SHT	02/03/14	03/05/14	02/16/14	13	Maher Awawdeh
	RFI-13-00016-SHT-008	guardrail location from sta. 3+150 to 3+780. Deir Sha'ar main pipeline project, TO # 16	SHT	02/11/14	03/13/14	03/02/14	19	Maher Awawdeh
	RFI-13-00016-SHT-009	Location of concrete retaining walls from sta. 6+800 to 7+515. Deir Sha'ar main pipeline project, TO # 16#	SHT	02/11/14	03/13/14	03/03/14	20	Maher Awawdeh
	RFI-13-00016-SHT-010	Retaining wall above PGL at Deir Sha'ar main pipeline project, TO # 16	SHT	02/11/14	03/13/14	02/24/14	13	Maher Awawdeh
	RFI-13-00016-SHT-011	Concrete Formwork	SHT	02/13/14	03/15/14	02/17/14	4	Maher Awawdeh
	RFI-13-00016-SHT-012	Using steel mini guard around trenches instead of concrete barrier	SHT	02/20/14	03/22/14	02/27/14	7	Maher Awawdeh
	RFI-13-00016-SHT-013	Air over water surge vessel / Bladder Type Surge System At Deir Sha'ar main pipeline project, TO # 16	SHT	02/27/14	03/29/14	03/09/14	10	Maher Awawdeh
	RFI-13-00016-SHT-014	Vapor barrier under blinding concrete for foundation at Deir Sha'ar main pipeline / Task order # 16	SHT	03/30/14	04/29/14	04/07/14	8	Maher Awawdeh
	RFI-13-00016-SHT-015	Table of Dimensions and Reinforcing steel for Concrete walls at Deir Sha'ar main pipeline / Task order # 16	SHT	03/30/14	04/29/14	04/07/14	8	Maher Awawdeh
	RFI-13-00016-SHT-016	Structural excavation at Deir Sha'ar main pipeline project, TO # 16	SHT	04/17/14	05/17/14	05/06/14	19	Maher Awawdeh
	RFI-13-00016-SHT-017	Eliminate pipe culverts @ sta. 1+525 @ 2+230 Beit Ummar Task Order #16	SHT	05/19/14	06/18/14	05/20/14	1	Maher Awawdeh
	RFI-13-00016-SHT-018	Access road required per Halhul Municipality from sta. 7+180 to 7+190. Deir Sha'ar main pipeline project, TO # 16	SHT	05/21/14	06/20/14	05/31/14	10	Maher Awawdeh
	RFI-13-00016-SHT-019	Pouring concrete retaining wall in two stages at Deir Sha'ar Main pipeline Task Order #16	SHT	05/25/14	06/24/14	05/31/14	6	Maher Awawdeh
	RFI-13-00016-SHT-020	Revise the profile for Al-Aroub road / Beit Oummar . Deir Sha'ar main pipeline project, TO # 16	SHT	06/05/14	07/05/14	06/09/14	4	Maher Awawdeh
	RFI-13-00016-SHT-021	Required washout and air relieve valve chambers at Sta.0+000 to Sta.1+350-Halhul Water Distribution Network -Shahera Water Pipeline Task Order #16	SHT	06/12/14	07/12/14	06/17/14	5	Maher Awawdeh

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Spec. No.	RFI No	Description	DV	Submitted on (M/D/Y)	Return Date AS Contract	Returned on (M/D/Y)	Review Days	
	RFI-13-00016-SHT-022	Using geo textile sheet under base course and above single size material in water lines trenches.	SHT	06/24/14	07/24/14	07/13/14	19	Maher Awawdeh
	RFI-13-00016-SHT-023	Technical requirement as per RFI#13 response for Bladder Type Surge System At Deir Sha'ar main pipeline project, TO # 16	SHT	07/03/14	08/02/14	07/10/14	7	Maher Awawdeh
	RFI-13-00016-SHT-024	CMC response to stone wall shop drawing submittal no. SUB-13-00016 –SHT-194-A-Deir Sha'ar main pipeline project, TO # 16	SHT	07/14/14	08/13/14	07/24/14	10	Maher Awawdeh
	RFI-13-00016-SHT-025	Replace the proposed pipe culvert 1.0 m dia with 3(60) cm dia pipe culverts at sta. 4+610/ Deir Sha'ar main pipeline project, TO # 16	SHT	07/14/14	08/13/14	07/22/14	8	Maher Awawdeh
	RFI-13-00016-SHT-026	Pipes and Catch basin for Storm Drainage system	SHT	08/14/14	09/13/14	08/25/14	11	Maher Awawdeh
	RFI-13-00016-SHT-027	Location for the required valves and connection chambers at Deir Sha'ar Main pipeline project, TO # 16	SHT	08/26/14	09/25/14	09/09/14	14	Maher Awawdeh
	RFI-13-00016-SHT-028	Flow meter size for Deir Sha'ar Connection Chamber @ Sta.1+280/ Task order #16	SHT	09/11/14	10/11/14	10/02/14	21	Maher Awawdeh
	RFI-13-00016-SHT-029	Epoxy coated Steel pipes-Tzinorot -16", 20" and 24"/ Task order #16	SHT	09/29/14	10/29/14	10/16/14	17	Maher Awawdeh
	RFI-13-00016-SHT-030	Pre-cast concrete roof slab for water chambers at Deir Sha'ar Main pipeline project TO# 16	SHT	11/18/14	12/18/14	11/20/14	2	Maher Awawdeh
	RFI-13-00016-SHT-031	Change size of Halhul Connection Chamber MD-05 -at sta. 8+889- Deir Sha'ar Main pipeline Task order #16	SHT	11/19/14	12/19/14	12/18/14	29	Maher Awawdeh
	RFI-13-00016-SHT-032	Outfall of washout on main transmission pipeline in urban areas- Drawing MD-08 / Deir Sha'ar Main pipeline Task order #16	SHT	12/14/14	01/13/15	12/30/14	16	Maher Awawdeh
	RFI-13-00016-SHT-033	Access for flow monitoring chamber for Deer Sha'ar	SHT	12/21/14	01/20/15	12/30/14	9	Maher Awawdeh
	RFI-13-00016-SHT-034	Pre-cast concrete roof slab for Wash out water chambers at Deir Sha'ar Main pipeline project TO# 16	SHT	01/22/15	02/21/15	01/29/15	7	Maher Awawdeh
	RFI-13-00016-SHT-035	30" Main pipe route and connection at Halual reservoir / Deir Sha'ar Main pipeline Task order #16	SHT	02/09/15	03/11/15	03/01/15	20	Maher Awawdeh
	RFI-13-00016-SHT-036	Connection chamber MD-07A -at sta. 11+850 Halhul Reservoir - Deir Sha'ar Main pipeline Task order #16	SHT	02/16/15	03/18/15	03/01/15	13	Maher Awawdeh
	RFI-13-00016-SHT-037	Raising Profile from Sta.6+800 to Sta.7+500 - Deir Sha'ar Main pipeline Task order #16	SHT	03/10/15	04/09/15	03/11/15	1	Maher Awawdeh
	RFI-13-00016-SHT-038	Response to RFI #36 Halhul Reservoir chamber - Deir Sha'ar Main pipeline Task order #16	SHT	03/17/15	04/16/15	04/08/15	22	Maher Awawdeh
	RFI-13-00016-SHT-039	Delivering of 30" steel pipes with lower wall thickness	SHT	04/07/15	05/07/15	04/14/15	7	Maher Awawdeh
	RFI-13-00016-SHT-040	Replacement of cement lining internal coating by Epoxy paint for Reducers	SHT	04/09/15	05/09/15	04/19/15	10	Maher Awawdeh
	RFI-13-00016-SHT-041	Needed data for electrical works at Halhoul Reservoir	SHT	04/09/15	05/09/15	04/22/15	13	Maher Awawdeh

H | Geo-MIS DATA COLLECTION SHEET
Generated Person Days of Employment

USAID WEST BANK/ GAZA

INFRASTRUCTURE NEEDS PROGRAM INPII

CONTRACT NO. AID-294-I-00-12-00005

TASK ORDER NO. AID-294-TO-13-00016

Deir Sha'ar Main Pipeline Project (SHT)

Temproray Job Days Summary Report

Task Order Name: Deir Sha'ar Main Pipeline Project — **PERIOD FROM:** November 06, 2013

CONTRACTOR: APCO/ArCon — **PERIOD TO:** June 30, 2015

Date		Site Staff Job Days**					Total Job Days	No of Full Time Equivalent (FTE) Jobs in the Month*	Notes of Comments	Female Working Hours	Female Working Days
Month	Year	Management	Engineers	Skilled Labor	Unskilled Labor	Other					
October	2012						0	0			
November	2012						0	0			
December	2012						0	0			
January	2013						0	0			
February	2013						0	0			
March	2013						0	0			
April	2013						0	0			
May	2013						0	0			
June	2013						0	0			
July	2013						0	0			
August	2013						0	0			
September	2013						0	0			
Total of FY 2013							0	0			
October	2013						0	0			
November	2013	29.6	15.1	37.3	0.0	0.0	82.0	3.4		121.0	15.1
December	2013	46.0	14.0	1.5	0.0	0.0	61.5	2.6		112.0	14.0
January	2014	92.0	51.0	28.0	48.0	0.0	219.0	9.2		200.0	25.0
February	2014	95.0	68.4	106.5	105.6	0.0	375.5	15.8		192.0	24.0
March	2014	108.0	80.0	221.3	186.0	0.0	595.3	25.0		216.0	27.0
April	2014	104.0	78.0	299.5	254.0	0.0	735.5	30.9		208.0	26.0
May	2014	135.0	76.8	572.4	553.3	0.0	1337.4	56.2		208.0	26.0
June	2014	164.0	83.0	658.1	603.5	0.0	1508.6	63.4		214.0	26.8
July	2014	141.9	74.0	530.5	346.8	0.0	1093.1	45.9		56.0	7.0
August	2014	159.8	121.6	893.0	558.5	0.0	1732.9	72.8		0.0	0.0
September	2014	188.9	147.3	1265.8	706.0	0.0	2307.9	97.0		0.0	0.0
Total of FY 2014							10048.6	422.2		1527.0	190.9
October	2014	155.0	107.5	843.3	443.5	0.0	1549.3	65.1		0.0	0.0
November	2014	179.3	110.1	796.4	464.5	0.0	1550.3	65.1		0.0	0.0
December	2014	186.9	121.8	1090.4	595.9	0.0	1994.9	83.8		0.0	0.0
January	2015	144.5	98.6	633.3	431.0	0.0	1307.4	54.9		0.0	0.0
February	2015	160.5	114.3	562.9	400.8	0.0	1238.4	52.0		0.0	0.0
March	2015	182.3	133.9	1118.3	716.6	0.0	2151.0	90.4		0.0	0.0
April	2015	183.0	201.0	1061.3	682.8	0.0	2128.0	89.4		0.0	0.0
May	2015	195.0	227.5	1618.8	964.4	0.0	3005.6	126.3		0.0	0.0
June	2015	195.0	217.5	1593.8	986.0	0.0	2992.3	125.7		0.0	0.0
July	2015						0.0	0.0			
August	2015						0.0	0.0			
September	2015						0.0	0.0			
Total of FY 2015							17917.0	752.8		0.0	0.0

Note :

* No of Full Time Equivalent (FTE) Jobs in the Month = Total Job Days / Avg. Days in the Month(23.8)

** This data collection sheet is for Palestinian staff only , experts and foreign employee shall not be included.

Note: All numbers are rounded to the nearest decimal number.

Daily Work Force /June 2015
Project: Deir Sha'ar Main Pipeline Project
Contract No. AID-294-I-00-12-00005

Daily Work Force /June 2015

Date	Name of Contractor /Subcontractor	Worker/Classification (Hours)																									Man-days			
		Management								Engineers			Skilled							Unskilled										
		IQC Manager	Task Order Manager	Quality Control Manager	Assistant QCM	Technical Engineer	CWI	Safety & Environmental Compliance Officer	Assistant Safety Officer	Project Engineer	Site Engineer	Office Engineer	Foreman	Surveyor	Surveyor Assistance	Equipment Operator	Skilled Labor	Welder	Welder Assistance	Unskilled Labor	Flagmen	Guard	Office Guard	Storekeeper	Office Boy	Total Management	Total Engineers	Total Skilled	Total Unskilled
June 1, 2015	APCO/ArCon		10	10		10	10	10	10	0	50	10	50	10		260	230	30	10	280	20	10	10	10	10	8	8	74	43
	Subcontractor																												
June 2, 2015	APCO/ArCon		10	10		10	10	10	10	0	50	10	40	10		320	200	30	10	280	20	10	10	10	10	8	8	76	43
	Subcontractor																												
June 3, 2015	APCO/ArCon		10	10		10	10	10	10	0	50	10	40	10		320	200	30	10	290	20	10	10	10	10	8	8	76	44
	Subcontractor																												
June 4, 2015	APCO/ArCon		10	10		10	10	10	10	0	50	10	40	10		320	200	30	10	290	20	10	10	10	10	8	8	76	44
	Subcontractor																												
June 5, 2015	APCO/ArCon																					9				0	0	0	1
	Subcontractor																												
June 6, 2015	APCO/ArCon		10	10		10	10	10	10	0	50	10	40	10		300	200	30	10	290	20	10	10	10	10	8	8	74	44
	Subcontractor																												
June 7, 2015	APCO/ArCon		10	10		10	10	10	10	0	50	10	40	10		300	200	30	10	290	20	10	10	10	10	8	8	74	44
	Subcontractor																												
June 8, 2015	APCO/ArCon		10	10		10	10	10	10	0	50	10	40	10		300	200	30	10	290	20	10	10	10	10	8	8	74	44
	Subcontractor																												
June 9, 2015	APCO/ArCon		10	10		10	10	10	10	0	50	10	40	10		300	200	30	10	290	20	10	10	10	10	8	8	74	44
	Subcontractor																												
June 10, 2015	APCO/ArCon		10	10		10	10	10	10	10	50	10	40	10		300	200	30	10	290	20	10	10	10	10	8	9	74	44
	Subcontractor																												
June 11, 2015	APCO/ArCon		10	10		10	10	10	10	10	50	10	40	10		310	200	30	10	290	20	10	10	10	10	8	9	75	44
	Subcontractor																												
June 12, 2015	APCO/ArCon																					9				0	0	0	1
	Subcontractor																												
June 13, 2015	APCO/ArCon		10	10		10	10	10	10	10	50	10	40	10		310	120	30	10	210	20	10	10	10	10	8	9	65	34
	Subcontractor																												
June 14, 2015	APCO/ArCon		10	10		10	10	10	10	10	50	10	40	10		300	110	30	10	200	20	10	10	10	10	8	9	63	33
	Subcontractor																												
June 15, 2015	APCO/ArCon		10	10		10	10	10	10	10	50	10	40	10		340	110	30	10	200	20	20	10	10	10	8	9	68	34
	Subcontractor																												
June 16, 2015	APCO/ArCon		10	10		10	10	10	10	10	50	10	40	10		310	110	30	10	200	20	20	10	10	10	8	9	64	34
	Subcontractor																												

Date	Name of Contractor /Subcontractor	Worker/Classification (Hour)																									Man-days			
		Management								Engineers			Skilled							Unskilled										
		IQC Manager	Task Order Manager	Quality Control Manager	Assistant QCM	Technical Engineer	CWI	Safety & Environmental Compliance Officer	Assistant Safety Officer	Project Engineer	Site Engineer	Office Engineer	Foreman	Surveyor	Surveyor Assistance	Equipment Operator	Skilled Labor	Welder	Welder Assistance	Unskilled Labor	Flagmen	Guard	Office Guard	Storekeeper	Office Boy	Total Management	Total Engineers	Total Skilled	Total Unskilled
June 17, 2015	APCO/ArCon		10	10		10	10	10	10	10	50	10	40	10		340	120	30	10	210	20	20	10	10	10	8	9	69	35
	Subcontractor																												
June 18, 2015	APCO/ArCon		10	10		10	10	10	10	10	50	10	40	10		270	110	30	10	200	20	30	10	10	10	8	9	59	35
	Subcontractor																												
June 19, 2015	APCO/ArCon																									0	0	0	0
	Subcontractor																												
June 20, 2015	APCO/ArCon		10	10		10	10	10	10	10	50	10	40	10		160	110	30	10	150	20	30	10	10	10	8	9	45	29
	Subcontractor																												
June 21, 2015	Subcontractor		10	10		10	10	10	10	10	50	10	40	10		160	110	30	10	150	20	30	10	10	10	8	9	45	29
	Subcontractor																												
June 22, 2015	APCO/ArCon		10	10		10	10	10	10	10	50	10	40	10		170	150	30	10	250	20	30	10	10	10	8	9	51	41
	Subcontractor																												
June 23, 2015	APCO/ArCon		10	10		10	10	10	10	10	50	10	40	10		140	110	30	10	190	20	30	10	10	10	8	9	43	34
	Subcontractor																												
June 24, 2015	APCO/ArCon		10	10		10	10	10	10	10	50	10	40	10		150	110	30	10	190	20	30	10	10	10	8	9	44	34
	Subcontractor																												
June 25, 2015	APCO/ArCon		10	10		10	10	10	10	10	50	10	40	10		150	110	30	10	190	20	30	10	10	10	8	9	44	34
	Subcontractor																												
June 26, 2015	APCO/ArCon																									0	0	0	0
	Subcontractor																												
June 27, 2015	APCO/ArCon		10	10		10	10	10	10	10	50	10	40	10		150	130	30	10	210	20	30	10	10	10	8	9	46	36
	Subcontractor																												
June 28, 2015	APCO/ArCon		10	10		10	10	10	10	10	50	10	40	10		160	130	30	10	210	20	30	10	10	10	8	9	48	36
	Subcontractor																												
June 29, 2015	APCO/ArCon		10	10		10	10	10	10	10	50	10	40	10		150	130	30	10	210	20	30	10	10	10	8	9	46	36
	Subcontractor																												
June 30, 2015	APCO/ArCon		10	10		10	10	10	10	10	50	10	40	10		180	130	30	10	210	20	30	10	10	10	8	9	50	36
	Subcontractor																												
																										0	0	0	0
Total																										**195**	**218**	**1594**	**986**

USAID WEST BANK/ GAZA
INFRASTRUCTURE NEEDS PROGRAM
TASK ORDER NO: AID-294-TO-12-00016

Deir Sha'ar Main Pipe Line Project

Geo-MIS DATA COLLECTION SHEET

CONTRACTOR: APCO/ArCon

PERIOD FROM: June 01, 2015

PERIOD TO: June 30, 2015

DATE	Deir Sha'ar Main Pipe Line Project					SubTotal						
	Management	Engineers	Skilled labor	Unskilled labor	Other							
June 1, 2015	7.5	7.5	73.8	42.5		131.3						
June 2, 2015	7.5	7.5	76.3	42.5		133.8						
June 3, 2015	7.5	7.5	76.3	43.8		135.0						
June 4, 2015	7.5	7.5	76.3	43.8		135.0						
June 5, 2015	0.0	0.0	0.0	1.1		1.1						
June 6, 2015	7.5	7.5	73.8	43.8		132.5						
June 7, 2015	7.5	7.5	73.8	43.8		132.5						
June 8, 2015	7.5	7.5	73.8	43.8		132.5						
June 9, 2015	7.5	7.5	73.8	43.8		132.5						
June 10, 2015	7.5	8.8	73.8	43.8		133.8						
June 11, 2015	7.5	8.8	75.0	43.8		135.0						
June 12, 2015	0.0	0.0	0.0	1.1		1.1						
June 13, 2015	7.5	8.8	65.0	33.8		115.0						
June 14, 2015	7.5	8.8	62.5	32.5		111.3						
June 15, 2015	7.5	8.8	67.5	33.8		117.5						
June 16, 2015	7.5	8.8	63.8	33.8		113.8						
June 17, 2015	7.5	8.8	68.8	35.0		120.0						
June 18, 2015	7.5	8.8	58.8	35.0		110.0						
June 19, 2015	0.0	0.0	0.0	0.0		0.0						
June 20, 2015	7.5	8.8	45.0	28.8		90.0						
June 21, 2015	7.5	8.8	45.0	28.8		90.0						
June 22, 2015	7.5	8.8	51.3	41.3		108.8						
June 23, 2015	7.5	8.8	42.5	33.8		92.5						
June 24, 2015	7.5	8.8	43.8	33.8		93.8						
June 25, 2015	7.5	8.8	43.8	33.8		93.8						
June 26, 2015	0.0	0.0	0.0	0.0		0.0						
June 27, 2015	7.5	8.8	46.3	36.3		98.8						
June 28, 2015	7.5	8.8	47.5	36.3		100.0						
June 29, 2015	7.5	8.8	46.3	36.3		98.8						
June 30, 2015	7.5	8.8	50.0	36.3		102.5						
	0.0	0.0	0.0	0.0		0.0						
Sub Total of June 2015	195.0	217.5	1593.8	986.0	0.0	**2992.3**						

Jun-15	**Total Job Days**	**No of Full Time Equivalent (FTE) Jobs**
	2992.3	125.7

I | RISK REGISTER LOG

Risk Register Log

PROBABILITY CATEGORIES			
Description		Prob	Scale Value
H	Probable	>70%	3
M	Could happen	30-70%	2
L	Improbable	<30%	1

			PROBABILITY		
			Low/Improbable	Medium/Could Happen	High/Probable
			1	2	3
IMPACT	High/ Critical	3	3	6	9
	Medium/ Serious	2	2	4	6
	Low/ Marginal	1	1	2	3

IMPACT CATEGORIES			
Description		Guide Scenario	Scale Value
H	Critical	Impact that involves significant delay, rework, modification or reassessment.	3
M	Serious	Impact or setback that causes delay, additional work and reassessment but containable.	2
L	Marginal	Impact has some effect causing rework or reassessment but easily handled.	1

- Key/ Critical Risks - closely monitor, manage & develop fallback plans
- Intermediate Risks - monitor and manage to mitigate
- Minor Risks

Risk Event	What is it that you are working to avoid or reduce the likelihood or impact of occurring? Risks are future events that could interfere with achievement of objectives.
Risk Cause	What are the triggers, sources or circumstances that could act alone or together to increase the likelihood of the Risk Event occurring? There are usually multiple causes leading to a Risk Event.
Risk Impact	If this Risk Event did occur, how would it impact objectives? What are the longer-term or cumulative consequences?
Risk Owner	Who will take the lead on this mitigation?

T.O 16- Risk Register Log

RISK IDENTIFICATION							RISK ASSESSMENT					RISK RESPONSE			MONITORING & CONTROLLING	
REF	CATEGORY	RISK	RISK CAUSE	IMPACT/ CONSEQUENCE	RAISED BY	DATE RAISED	PROBLTY.	IMPACT	RISK RATING	COST IMPACT	SCHEDULE IMPACT	RESPONSE STRATEGY	RESPONSE PLAN	RISK OWNER	STATUS	NOTES
1	Design								0							
2	Owner								0							
3	USAID								0							
4	External								0							
5	Procurement	Delay in delivery of Bladder Surge Tank	Manufacturing Process and Shortage of Material (the material is special order as it is listed by NSF to standard 61 suitable for human consumption for drinking water. Due to high volume of orders, the raw material needed to fabricate the butyl bladders has increased from an average of two (2) weeks to twelve (12) weeks.	H	APCO Bi-weekly and CO meeting	7-May-15	3	3	9	No cost presently	To be evaluated	Mitigate	Intensive communications, pressure and financial incentives improved the delivery date. Contractor believes the manufacturing and delivery of the surge tank are beyond its control and delays associated with this subject are excusable.	External	Pending, expected delivery date of first shipment to ashdod port is July 08, 2015 and scond shipment on July 18, 2015.	USAID did not consider this delay as excusable delays, however Contractor does not agree and believes this delay falls under FAR clause 52.249-14 excusable delay.
6	Skills								0							
7	Complexity								0							
8	Resources								0							
9	Communications								0							
									0							