City of Chattanooga

Mayor Andy Berke

July 27, 2016

VIA CERTIFIED MAIL

Ms. Sara Janovitz
Environmental Engineer
Clean Water Enforcement Branch
US EPA-Region 4
61 Forsyth Street, SW
Atlanta, GA 30303

RE: ***United States of America et. al. v. City of Chattanooga, No. 1:12-cv-0024***
Semi-Annual Work Progress Report No. 6 – January, 2016 to June, 2016

Dear Ms. Janovitz:

On behalf of the City of Chattanooga, Tennessee ("City"), and in accordance with the Consent Decree entered by the United States District Court for the Eastern District of Tennessee (Southern Division), on April 24, 2013, in the case styled the United States of America et. al. v. City of Chattanooga, No. 1:12-cv-0024 ("Consent Decree"), we are submitting to both the Environmental Protection Agency ("EPA") and the Tennessee Department of Environment and Conservation ("TDEC") the sixth semi-annual work progress report required pursuant to paragraph 39 of the Consent Decree. This report is also being submitted in accordance with the letter from Denise Diaz, dated September 16, 2013, establishing the dates for reporting under the Consent Decree.

> *I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering such information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.*

455 Moccasin Bend Road • Chattanooga, TN 37405 • Phone: 423.643.7088 • Fax: 423.757.4904 • www.chattanooga.gov

Please let me know if you have any questions regarding our submittal.

Sincerely,

Michael C. Patrick, P.E.
Director, Waste Resources Division

Enclosure

cc: Karl Fingerhood, Esq., US DOJ
Chief, Environmental Enforcement Section, US DOJ
Chief, Clean Water Enforcement Branch, US EPA Region 4
Bill Bush, Esq., US EPA
Sohnia Hong, Office of the Attorney General
Enforcement Coordinator, Water Pollution Control, TDEC
Shelby Ward, TN Clean Water Network
Adam Sowatzka, Esq., King & Spalding
Mike Marino, P.E., Jacobs Engineering

Semi-Annual Work Progress Report No. 6

January 1 – June 30, 2016

Prepared for

Environmental Protection Agency and Tennessee Department of Environment and Conservation

City of Chattanooga
Waste Resources Division
Consent Decree Program
Case No. 1:12-cv-00245

Prepared by

City of Chattanooga
Waste Resources Division

Submitted by

JACOBS
Jacobs Engineering Group Inc.
Consent Decree Program Manager

Chattanooga, Tennessee

July 27, 2016

Contents

1.0 Executive Summary 1
2.0 Introduction 3
2.1 Purpose 3
2.2 Requirements 3
2.3 Report Structure 3
3.0 Work Progress 4
3.1 Capacity, Management, Operations and Management ("CMOM") Programs 4
3.1.1 CMOM-Sewer Overflow Response Protocol (completed) 4
3.1.2 CMOM-Emergency Response Plan (completed) 4
3.1.3 CMOM-Fats, Oils, and Grease ("FOG") Mgmt. Plan (completed) 4
3.1.4 CMOM-Gravity Line Preventive Maintenance Program (completed) 4
3.1.5 CMOM-Pump Station Operations Program (completed) 4
3.1.6 CMOM-Pump Station Preventive Maintenance Program (completed) 4
3.1.7 CMOM-Hydraulic Model Development (completed) 4
3.1.8 CMOM-Capacity Assurance Program ("CAP") (submitted) 5
3.1.9 CMOM-Inter-Jurisdictional Agreement Program (completed) 5
3.2 Sanitary Sewer Evaluation Study Work Plan (completed) 5
3.2.1 Focused SSES and Rehabilitation-Chattanooga Creek 4 5
3.2.2 Focused SSES and Rehabilitation-Dobbs Branch 3 5
3.2.3 Focused SSES and Rehabilitation-South Chickamauga Creek 1 6
3.2.4 Focused SSES and Rehabilitation-South Chickamauga Creek 5 6
3.2.5 Focused SSES and Rehabilitation-South Chickamauga Creek 16 (completed) 6
3.3 Early Action Capital Improvement Projects 6
3.3.1 SSO and Wet Weather Volume Reduction Projects 6
3.3.2 Moccasin Bend Wastewater Treatment Plant Projects 10
3.3.3 CSO Projects 11
3.3.4 Operations Projects 11
3.4 Long Term Control Plan ("LTCP") Updates 12
3.4.1 LTCP-Additional Operational Plan 12
3.4.2 LTCP-Post Construction Compliance Monitoring Program (completed) 12
3.5 MBWWTP Process Controls Program (completed) 12
3.6 Green Infrastructure Program Plan for CSS Basins (completed) 12
3.7 Civil Penalty 12
3.7.1 Cash Payment (completed) 13
3.7.2 Highland Park Green Infrastructure Demonstration Project 13
3.8 Agawela Drive Stream Restoration – Supplemental Environmental Project ("SEP") 13
3.9 Reporting Requirements 13

3.10 Stipulated Penalties 14
4.0 Additional Work 15
4.1 201 Facility Plan Update 15
4.2 MBWWTP Backup Electrical Power (complete) 15
4.3 Citico Pump Station ("PS") and CSOTF Upgrades 16
4.4 South Chick PS Phase II and Spring Creek PS Upgrades 16
4.5 Carter Street Sewer Rehabilitation 16
4.6 MBWWTP – Detritors Rehabilitation 16
4.7 Friar's Branch-South Chick Creek 5 Interceptor Rehabilitation 17
4.8 MBWWTP-Control Room Upgrades 17
4.9 Citico PS Reliability Improvements 17

Appendix

A Project Schedules Gantt Chart

Tables

1-1 Completed Projects and Submitted Consent Decree Deliverables for the Current Reporting Period 1

1-2 Anticipated Completed Projects and Consent Decree Deliverables for the Next Reporting Period 2

Acronyms and Abbreviations

CAP	Capacity Assurance Program
CD	Consent Decree
CIPP	Cured in Place Pipe
CMOM	Capacity, Management, Operations, and Management
CSO	Combined Sewer Overflow
CSOTF	Combined Sewer Overflow Treatment Facility
CSS	Combined Sewer System
EFT	Electronic Funds Transfer
EPA	Environmental Protection Agency
ESIP	Enterprise South Industrial Park
FOG	Fats, Oils, and Grease
FSE	Food Service Establishments
GIPP	Green Infrastructure Program Plan
GLPMP	Gravity Line Preventative Maintenance Program
HVAC	Heating, Ventilation, and Air Conditioning
IPS	Influent Pump Station
ISS	Interceptor Sewer System
LF	Linear Feet
LTCP	Long Term Control Plan
MBWWTP	Moccasin Bend Wastewater Treatment Plant
MCC	Motor Control Center
MGD	Million Gallons per Day
N/A	Not Applicable
NPDES	National Pollution Discharge Elimination System

NTP	Notice to Proceed
PCP	Process Controls Program
PCCMP	Post Construction Compliance Monitoring Program
PDR	Public Document Repository
PS	Pump Station
PSOP	Pump Station Operations Program
PSPMP	Pump Station Preventive Maintenance Program
RDII	Rain-derived Infiltration and Inflow
SCADA	Supervisory Control and Data Acquisition
SORP	Sewer Overflow Response Protocol
SRF	State Revolving Funds
SSES	Sanitary Sewer Evaluation Study
SSO	Sanitary Sewer Overflow
SUO	Sewer Use Ordinance
TCWN	Tennessee Clean Water Network
TDEC	Tennessee Department of Environment and Conservation
TDOT	Tennessee Department of Transportation
USDOJ	United States Department of Justice
VFD	Variable Frequency Drive
WCTS	Waste Collection and Transmission System
WRD	Waste Resources Division
WWTA	Wastewater Treatment Authority

1.0 Executive Summary

On April 24, 2013, the City of Chattanooga ("City") entered into a consent decree with the United States and the State of Tennessee, in the case styled *United States of America et. al. v. City of Chattanooga, No. 1:12-cv-00245* ("CD"). This Semi-Annual Work Progress Report ("Report") has been prepared pursuant to the requirements of paragraph 39 of the CD. In accordance with the CD, this Report presents the major milestones achieved in the last 6 months, and also provides projections for activities anticipated to be completed in the following 6 months. This Report presents milestones achieved from January 1, 2016 through June 30, 2016 ("Report Period"), and the projections cover the period of July 1, 2016 through December 31, 2016.

The City met all of the deadlines for this Report Period. During the Report Period, the City developed and submitted the deliverables that are listed in Table 1-1 to the Environmental Protection Agency ("EPA") and the Tennessee Department of Environment and Conservation ("TDEC") for review and approval. This information is also presented in Gantt chart format in Appendix A.

Table 1-1

Completed Projects and Submitted Consent Decree Deliverables for the Current Reporting Period

CD Projects and Deliverables	CD Reference	CD Deadline	Submittal Date/Completion Date
Quarterly Report No. 10	Section IX., para 38	1/31/2016	1/27/16
Semi-Annual Work Progress Report No. 5	Section IX., para 39	1/31/2016	1/27/16
Annual Report No. 3	Section IX, para 40	2/28/16	2/29/16
CMOM-Hydraulic Model Development	Section VI, para 20(g)	5/24/2016	5/24/2016
CMOM- Capacity Assurance Program (CAP)	Section VI, para 20(h)	5/24/2016	5/19/2016
Chattanooga Creek Interceptor Rehabilitation	Section VI, para 22	4/24/2016	4/24/2016
Tannery Flats Interceptor Rehabilitation	Section VI, para 22	4/24/2016	4/17/2016
East Bank/West Bank ("EB/WB") Flow Monitoring	Section VI, para 22	4/24/2016	4/24/2016
MBWWTP Effluent Disinfection System Upgrade	Section VI, para 22	4/24/2016	4/24/2016
Carter Street CSOTF Outfall Replacement	Section VI, para 22	4/24/2016	4/24/2016
Quarterly Report No. 11	Section IX., para 38	4/30/2016	4/28/16

Table 1-2 lists the projects and deliverables that the City expects to complete during the upcoming semi-annual period of July 1, 2016 through December 31, 2016. This information is also available in Gantt chart format in Appendix A.

Table 1-2
Anticipated Completed Projects and Consent Decree Deliverables for the Next Reporting Period

CD Deliverable	CD Reference	CD Deadline	Anticipated Submittal/Completion Date
Quarterly Report No. 12	Section IX., para 38	7/30/2016	7/30/2016
Quarterly Report No. 13	Section IX., para 38	10/31/2016	10/31/2016
Resubmittal of the CMOM- Capacity Assurance Program (CAP) to respond to EPA's comments	Section VI, para 20(h)	5/24/2016	8/1/2016
MBWWTP Hydraulic and Pump Improvements	Section VI, para 22	4/24/2018	8/30/2016
MBWWTP Bar and Fine Screen Replacements	Section VI, para 22	4/24/2018	8/30/2016

2.0 Introduction

2.1 Purpose

Pursuant to Section IX, paragraph 39, of the CD, the City is required to submit work progress reports on a semi-annual basis to the EPA and TDEC. Chattanooga has prepared this Report to satisfy this reporting requirement.

2.2 Requirements

As detailed in Section IX of the CD, the City is required to report the following information concerning compliance with the remedial actions set forth under the CD:

1. A description of projects and activities completed and milestones achieved during the previous 6-month period pursuant to the requirements of the CD, in Gantt chart or similar format, including a description of compliance or non-compliance with the requirements of the CD and, if applicable, the reasons for non-compliance;
2. A summary of significant projects and activities anticipated to be performed, and milestones anticipated to be achieved, in the successive 6-month period to comply with the requirements of the CD, in Gantt chart or similar format; and
3. Any additional information the City determines is appropriate to demonstrate that the City is implementing the remedial actions required under the CD in an adequate and timely manner.

2.3 Report Structure

Work progress is presented in the body of the Report in a narrative format. This narrative includes a brief description of each CD project, as well as any activities completed or milestones that were achieved or are anticipated to be completed. In addition to these descriptions, a detailed schedule containing each of the projects in Gantt format is provided in Appendix A.

3.0 Work Progress

3.1 Capacity, Management, Operations and Management ("CMOM") Programs

3.1.1 CMOM-Sewer Overflow Response Protocol (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 5 submitted January 27, 2016.

3.1.2 CMOM-Emergency Response Plan (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 5 submitted January 27, 2016.

3.1.3 CMOM-Fats, Oils, and Grease ("FOG") Mgmt. Plan (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 5 submitted January 27, 2016.

3.1.4 CMOM-Gravity Line Preventive Maintenance Program (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 5 submitted January 27, 2016.

3.1.5 CMOM-Pump Station Operations Program (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 5 submitted January 27, 2016.

3.1.6 CMOM-Pump Station Preventive Maintenance Program (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 5 submitted January 27, 2016.

3.1.7 CMOM-Hydraulic Model Development (completed)

The hydraulic model was developed in accordance with Paragraph 20(g) of the CD. The model improves the City's ability to identify capacity limitations and potential causes of SSOs in addition to prioritization of wet-weather related I/I reduction projects, optimization of CSOTF's, and proposed project alternative analysis. Work on the model was completed per the CD requirements on May 24, 2016.

3.1.8 CMOM-Capacity Assurance Program ("CAP") (submitted)

The CAP was developed in accordance with Paragraph 20(h) of the CD. The CAP identifies each sewer sub-basin or part of a sub-basin with insufficient capacity under either one hour peak flows, or average conditions, or both. It also analyzes all portions of the Sanitary Sewer System that hydraulically impact all known wet weather-related SSOs and all portions of the Wastewater Treatment Plant that may contribute to violations of the NPDES permit. This program enables the City to authorize new sewer service connections or increases in flow from existing sewer service connections. The CAP was submitted to EPA and TDEC for review on May 19, 2016. Comments were received from EPA and the CAP is anticipated to be resubmitted in the second half of 2016.

3.1.9 CMOM-Inter-Jurisdictional Agreement Program (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 4 submitted July 24, 2015.

3.2 Sanitary Sewer Evaluation Study Work Plan (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 5 submitted January 27, 2016.

3.2.1 Focused SSES and Rehabilitation-Chattanooga Creek 4

This project represents 1 of the 5 Phase I priority sewer sub-basins and is being executed in accordance with Paragraph 21 of the CD. The Chattanooga Creek 4 sewer sub-basin consists of approximately 68,000 linear feet ("LF") of sanitary sewer piping, ranging from 6 to 48 inches in diameter. The Notice to Proceed ("NTP") for professional services was issued April 19, 2013, and as of April 23, 2014, SSES investigations have been completed on approximately 61,500 LF of sewer. The Preliminary Engineering Report ("PER") was approved November 2014. The final design was submitted to TDEC for review and approval on March 28, 2016. Contract bidding is scheduled for the second half of 2016.

3.2.2 Focused SSES and Rehabilitation-Dobbs Branch 3

This project represents 1 of the 5 Phase I priority sewer sub-basins and is being executed in accordance with Paragraph 21 of the CD. The Dobbs Branch 3 sewer sub-basin consists of approximately 47,381 LF of sanitary sewer piping, ranging from 6 to 24 inches in diameter. The NTP for professional services was issued April 19, 2013, and SSES investigations were completed for approximately 47,381 LF of sewer on October 4, 2013. The PER was submitted to the City on May 15, 2014. The design was completed and submitted to TDEC for approval on October 6, 2015. Approval was received from TDEC on October 28, 2015. Bids were received a contractor was selected and the NTP for construction was issued April 27, 2016. The project is currently under construction and is scheduled to be complete January 2017.

3.2.3 Focused SSES and Rehabilitation-South Chickamauga Creek 1

This project represents 1 of the 5 Phase I priority sewer sub-basins and is being executed in accordance with Paragraph 21 of the CD. The South Chickamauga Creek 1 sewer sub-basin consists of approximately 81,800 LF of sanitary sewer piping, ranging from 4 to 84 inches in diameter. SSES investigations of this sewer sub-basin were completed January 17, 2014, with approximately 69,751 LF of sewer piping inspected. Final design is scheduled for completion in the second half of 2016.

3.2.4 Focused SSES and Rehabilitation-South Chickamauga Creek 5

This project represents 1 of the 5 Phase I priority sewer sub-basins and is being executed in accordance with Paragraph 21 of the CD. The South Chickamauga Creek 5 sewer sub-basin consists of approximately 58,164 LF of sanitary sewer piping, ranging from 6 to 36 inches in diameter. SSES investigations of this sewer sub-basin were completed in 2014 with approximately 21,190 LF of sewer piping being recommended for rehabilitation. The project is under final design, which is anticipated to be complete in July 2016. TDEC review and contract bidding is scheduled for the second half of 2016.

3.2.5 Focused SSES and Rehabilitation-South Chickamauga Creek 16 (completed)

This project represents 1 of the 5 Phase I priority sewer sub-basins. This project has been completed. See Semi-Annual Report No. 5 submitted January 27, 2016.

3.3 Early Action Capital Improvement Projects

3.3.1 SSO and Wet Weather Volume Reduction Projects

3.3.1.1 DuPont Pump Station and Basin Improvements – Phase 1 and Phase 2

The DuPont Pump Station and Basin Improvements Phase 1 and 2 projects are being performed pursuant to Paragraph 22 and Appendix C of the CD.

Phase 1 includes SSES and rehabilitation of sewers within the DuPont Parkway Pump Station service area which are within three selected sub-basins (North Chickamauga Creek 1, North Chickamauga Creek 3, and Tennessee River 10). The total amount of sewer estimated from these basins for SSES is approximately 270,000 LF ranging from 8” to 48” diameter. The NTP for Phase 1 professional services was issued on April 19, 2013, and SSES has been performed on approximately 243,000 LF of sewer piping. The final PER was submitted on September 5, 2014, and the design was completed and submitted to TDEC for review and approval on August 24, 2015. TDEC approval was received December 2, 2015. The bidding phase began on December 15, 2015. Construction began March 2016 and is expected to be complete in the first half of 2017.

Phase 2 involves the design and construction of approximately 7.5 Million Gallons of wet weather storage and a new wet weather pump station at the DuPont Pump Station site. The project also includes a new diversion structure, standby generator, as well as the upsizing of a

section of interceptor. The NTP for Phase 2 professional services was issued on June 24, 2015. The project is currently in the detailed design phase, and bidding is anticipated to begin in the first half of 2017.

3.3.1.2 Collegedale Pump Station Improvements

The Collegedale Pump Station Improvements project was performed pursuant to Paragraph 22 and Appendix C of the CD. This project included an assessment of the pump station to increase the capacity and reliability of the Collegedale Pump Station to reduce sanitary sewer overflows. In May 2015, the City installed a Dri-Prime Backup System ("DBS"), which improved the reliability and added additional pumping capacity to the Collegedale Pump Station. The project also consisted of force main improvements that were coordinated and coincided with a Tennessee Department of Transportation ("TDOT") project. This project was completed in June 2016. Per the Inter-Jurisdictional Agreement, Collegedale is expected to take ownership and maintain operations of this pump station beginning in the second half of 2016.

3.3.1.3 East Brainerd Collection System and Pump Station Rehabilitation

The East Brainerd Collection System and Pump Station Rehabilitation project is being performed pursuant to Paragraph 22 and Appendix C of the CD. This project includes the SSES and rehabilitation of portions of the East Brainerd basin collection system and the upgrade of the pump station. Improvements to the collection system and pump station were designed as two different projects with two sets of contract documents.

Collections System Rehabilitation- This work has been completed. See Semi-Annual Report No. 5 submitted January 27, 2016.

Pump Station Rehabilitation- The pump station upgrade will include constructing one cast-in-place wet-well containing four submersible pumps and appurtenances; one precast electrical building approximately 20 feet by 30 feet containing variable frequency drives, necessary electrical gear to support the submersible pumps, restroom facility and HVAC units; a 30-inch force main approximately 500 feet in length connecting the new pump station with the discharge manhole at the force main sewer discharge; and an on-site emergency generator and switch gear to power the new pump station. TDEC approval of the contract documents for the pump station rehabilitation was received on January 30, 2015. Bids were received on May 7, 2015, and the contract was awarded on July 16, 2015. The NTP for the Pump Station Rehabilitation construction contract was issued August 10, 2015. The construction phase will continue in the first half of 2017.

3.3.1.4 Altamont Sewer Basin and Pump Station Improvements (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 2 submitted July 28, 2014.

3.3.1.5 Pineville Pump Station and Sewer Basin Improvements (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 3 submitted January 27, 2015.

3.3.1.6 Citico Creek Interceptor Rehabilitation (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 2 submitted July 28, 2014.

3.3.1.7 Highland Park Sewer Rehabilitation

The Highland Park Sewer Rehabilitation project is being performed pursuant to Paragraph 22 and Appendix C of the CD. The sewer sub-basins in the Highland Park area consist of approximately 74,446 LF of sanitary sewer pipe ranging from 4 to 12 inches in diameter. The SSES investigation of this basin was completed in April of 2015, with approximately 54,354 LF of sewer piping inspected. The final design was completed and submitted to TDEC for review on December 31, 2015. TDEC approval was received on April 26, 2016, and a contractor was selected. Construction is scheduled to begin the second half of 2016.

3.3.1.8 Citico CSOTF Pump Station Improvement Study (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 3 submitted January 27, 2015.

3.3.1.9 Tremont Area Sewer Separation Study (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 2 submitted July 28, 2014.

3.3.1.10 Enterprise South Industrial Park ("ESIP") Pump Station, Force Main and Interceptor Upgrade

The ESIP Pump Station, Force Main and Interceptor Upgrade project is being performed pursuant to Paragraph 22 and Appendix C of the CD. This project includes the replacement and upgrade of four existing pumps to four new 1.0 million gallons per day ("MGD") pumps. Additionally, a new 4,800 LF 16 inch force main will be installed as well as replacing the existing 15 inch sewer with 8,500 LF of 36 inch gravity sewer. TDEC approval of contract documents was received January 23, 2014. A contractor was selected and the NTP for construction services was issued June 9, 2014. Due to an issue with the contractor beyond Chattanooga's control, Chattanooga issued a request to EPA to extend the deadline for this project on January 18, 2016. On May 16, 2016 EPA extended the deadline to April 24, 2017.

3.3.1.11 Orchard Knob Pump Station Improvements

The Orchard Knob Pump Station Improvements project is being performed pursuant to Paragraph 22 and Appendix C of the CD. The upgrade involves the replacement of the existing pumps, piping, valves, electrical controls and instrumentation, and back-up generator. The NTP for professional services was issued January 24, 2013, and the final PER was submitted to the City on February 28, 2014. Final design was approved by TDEC and the project bid phase started on December 17, 2015. Bids were received, a contractor was selected and the NTP for construction was issued on May 16, 2016. Construction is scheduled for completion the first half of 2017.

3.3.1.12 Friars Branch Pump Station Improvements

The Friars Branch Pump Station Improvements project is being performed pursuant to Paragraph 22 and Appendix C of the CD. The purpose of this project is to design and construct improvements to increase reliability and extend the service life of the pump station. This project involves replacement of the existing pumps, piping, effluent trough, electrical controls and instrumentation, and addition of an onsite odor control system. The NTP for professional services was issued April 19, 2013, and the final PER was submitted to the City on May 15, 2014. The final design was completed and submitted to TDEC for review in December of 2016. Completion of the bid phase and commencement of the construction phase is scheduled for the second half of 2016.

3.3.1.13 Friars Branch Basin Improvements

The Friars Branch Basin Improvements project is being performed pursuant to Paragraph 22 and Appendix C of the CD. This project involves rehabilitation of portions of the collection system in the Friars Branch basin. The sewer basin consists of approximately 221,344 LF of sanitary sewer piping, ranging from 4 to 42 inches in diameter. SSES investigations were conducted on approximately 214,103 LF of sewer piping as of December 10, 2013. The PER was approved by the City on January 28, 2015 and the design was completed and submitted to TDEC December 19, 2015. TDEC approval was received February 2, 2016. The completion of the bid phase is scheduled for the second half of 2016 and the commencement of the construction phase is scheduled for the first half of 2017.

3.3.1.14 Chattanooga Creek Interceptor Rehabilitation (completed)

The Chattanooga Creek Interceptor Rehabilitation project was performed pursuant to Paragraph 22 and Appendix C of the CD. This project involved the repair of approximately 6,900 LF of 36 inch interceptor gravity sewer pipelines using trenchless rehabilitation techniques. The NTP for professional services was issued on April 18, 2013, and the SSES investigations of the interceptor were completed on September 30, 2013. The PER was submitted to the City on January 30, 2014. The final design was submitted to TDEC for review on December 18, 2014 and approval was received January 30, 2015. Bids were received, a contractor was selected, and the NTP for construction was issued July 14, 2015. Construction was completed April 24, 2016.

3.3.1.15 Tannery Flats Interceptor Rehabilitation (completed)

The Tannery Flats Interceptor Rehabilitation project was performed pursuant to Paragraph 22 and Appendix C of the CD. This project included the rehabilitation of approximately 6,400 LF of 36 inch interceptor gravity sewer pipelines using trenchless rehabilitation techniques and manhole rehabilitation. NTP for professional services was issued on April 19, 2013, and the SSES investigations were completed on September 16, 2013. The PER was submitted to the City on November 7, 2013. The final design was submitted to TDEC for review on January 5, 2014 and approval was received on February 10, 2015. Bids were received, a contractor was selected, and the NTP for construction was issued on June 25, 2015. Construction was completed on April 17, 2016.

3.3.1.16 East Bank/West Bank ("EB/WB") Flow Monitoring (completed)

The EB/WB Flow Monitoring project was performed pursuant to Paragraph 22 and Appendix C of the CD. This project involved the study, design and implementation of a more accurate way to determine discharge volume from the EB/WB overflow locations. This project included monitoring the flow utilizing the existing infrastructure and installing customized metering devices to monitor and verify flows. A pilot of the customized flow monitoring approach in the existing facilities began March 29, 2013. The results of the pilot study demonstrated the adequacy of the customized monitoring approach, which has now become the permanent flow monitoring process. In January 2014, ADS Environmental Services, LLC installed a flow monitor on the West Bank Outfall, and this has been utilized to provide and report overflow volumes since. The project was completed April 24, 2016.

3.3.2 Moccasin Bend Wastewater Treatment Plant Projects

3.3.2.1 Moccasin Bend Wastewater Treatment Plant Hydraulic and Pump Improvements

The Moccasin Bend Wastewater Treatment Plant ("MBWWTP") Hydraulic and Pump Improvements project is being performed pursuant to Paragraph 22 and Appendix C of the CD. The existing influent and equalization pump stations at the MBWWTP are currently rated at 120 and 140 MGD, respectively. The purpose of this project is to increase the pumping capacity at both stations in order to maximize flow through secondary treatment by designing and constructing upgrades to the pump stations. The main features of the pump station upgrade include rebuilding and upgrading the existing pumps, and upgrading the electrical components, variable frequency drives ("VFDs"), and instrumentation of the pump stations. The NTP for professional services was issued on January 24, 2013. The PER was submitted to the City on December 2, 2013. The final design was submitted to TDEC for review and approval was received on October 22, 2014. Bids were received, a contractor was selected and the NTP for construction was issues in February 2015. Construction is underway and expected to be completed by late summer 2016.

3.3.2.2 MBWWTP Bar and Fine Screen Replacements

The MBWWTP Bar and Fine Screen Replacements project is being performed pursuant to Paragraph 22 and Appendix C of the CD. The purpose of this project is to design and construct a solution which will improve screening and overall capacity at the plant. The main features of this project include installing and upgrading the concrete channel, installing new bar screens, upgrading the motor control center panel, upgrading and replacing the screw conveyors, belt conveyor and slide gates, and updating the electrical and instrumentation design. Final design documents were completed and submitted to TDEC for review and approved October 22, 2014. Bids were received, a contractor selected and the NTP for construction was issued in February 2015. Construction is underway and expected to be completed by late summer 2016.

3.3.2.3 MBWWTP Secondary Clarifier Upgrades and Additions

The MBWWTP Secondary Upgrades and Additions project is required under Paragraph 22 and Appendix C of the CD. The project will provide evaluation and design of improvements to

increase the MBWWTP secondary treatment capacity from 140 MGD to 150 MGD. Improvements involve the addition of two new secondary clarifiers, flow control to new and existing clarifiers, additional chlorine contact volume, and associated yard piping. An evaluation of the liquid stream processes at the plant will also be conducted. A consultant has been contracted to perform the work and the NTP for professional services has been issued. The PER was completed in November of 2015. The project proceeded to detailed design in October of 2015 and will continue in the design phase until the second half of 2016.

3.3.2.4 MBWWTP Effluent Disinfection System Upgrade (completed)

The MBWWTP Effluent Disinfection System Upgrade project was performed pursuant to Paragraph 22 and Appendix C of the CD. This project involved the design and construction of a new bulk sodium hypochlorite system to replace the existing chlorine gas system at the MBWWTP. The NTP for professional services was issued on January 24, 2013, and PER was submitted to the City on November 22, 2013. Final design was completed and submitted to TDEC for review and approval was received on October 20, 2014. Bids were received, a contractor was selected, and the NTP for construction was issued March 16, 2015. Construction was completed on April 24, 2016.

3.3.3 CSO Projects

3.3.3.1 Carter Street CSOTF Sewer Outfall Replacement (completed)

The Carter Street CSOTF Sewer Outfall Replacement project was performed pursuant to Paragraph 22 and Appendix C of the CD. This project involved the rehabilitation of approximately 400 linear feet of 72" diameter CMP outfall using slip lining and tunnel lining and included the installation of end walls and bank stabilization. Plans and specifications were issued for bid and bids were opened in May of 2015. The NTP was issued and construction began in September of 2015. Construction was completed April 24, 2016.

3.3.3.2 Automation of Valve Operators at CSO Facilities (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 1 submitted January 30, 2014.

3.3.4 Operations Projects

3.3.4.1 South Chickamauga Pump Station Reliability Improvements (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 1 submitted January 30, 2014.

3.3.4.2 MBWWTP Telemetry and SCADA Upgrades

The MBWWTP Telemetry and SCADA Upgrades project is being performed pursuant to Paragraph 22 and Appendix C of the CD. This project involves updating and installing control and monitoring systems for reacting to and controlling equipment to convey wastewater to the MBWWTP. NTP for professional services was issued on January 24, 2013. The final design was completed and submitted to TDEC for review and was approved on November 10, 2015.

Completion of the bid phase and commencement of the construction phase is scheduled for the second half of 2016.

3.4 Long Term Control Plan ("LTCP") Updates

3.4.1 LTCP-Additional Operational Plan

The LTCP-Additional Operational Plan is being developed pursuant to Paragraph 24(a) of the CD. This program will result in a plan for the Chattanooga Creek CSO Outfalls (Central Avenue CSO and William Street CSO). The plan will augment Chattanooga`s current CSO control measures with additional long term controls to ensure that discharges from these CSO`s meet State water quality standards. Work on this plan continued through the first half of 2016, with no major milestones during the Reporting Period.

3.4.2 LTCP-Post Construction Compliance Monitoring Program (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 3 submitted January 27, 2015.

3.5 MBWWTP Process Controls Program (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 3 submitted January 27, 2015.

3.6 Green Infrastructure Program Plan for CSS Basins (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 5 submitted January 27, 2016.

3.7 Civil Penalty

Compliance with Section VII of the CD requires the payment of the sum of $476,400 as a civil penalty. Payment of the civil penalty is to be made as follows:

- Cash Payment – 50% of the civil penalty ($238,200) is to be paid to the United States by FedWire Electronic Funds Transfer (EFT). This payment was made to EPA on May 17, 2013.
- State Project – the remaining 50% of the civil penalty is to be spent on the state project in accordance to Appendix D of the CD.

3.7.1 Cash Payment (completed)

In accordance with Paragraph 29 of the CD, the cash payment of $238,200 was made to EPA on May 17, 2013.

3.7.2 Highland Park Green Infrastructure Demonstration Project

The Highland Park Green Infrastructure Demonstration Project ("State Project") is currently being performed pursuant to Appendix D of the CD. The State Project involves retrofitting a portion of the Highland Park neighborhood in Chattanooga with green infrastructure through the use of green infrastructure practices such as streetscapes, pervious pavement, tree boxes, bio-swales and bio-retention facilities. A project plan was developed and submitted to TDEC on October 24, 2013, and approval of the plan was received April 25, 2014. A detailed design was submitted to TDEC on April 24, 2014, and bid documents were developed. The completion of the bid phase and the commencement of the construction phase is scheduled for the first half of 2017.

3.8 Agawela Drive Stream Restoration – Supplemental Environmental Project ("SEP")

The SEP is being performed pursuant to Section VIII and Appendix E of the CD. The Agawela Drive Stream Restoration targets a tributary of the South Chickamauga Creek, which is currently on the 303(d) list for habitat alteration and sediment. The SEP involves restoration of a minimum of 1,500 LF of the tributary and is designed to significantly improve water quality of both the tributary and South Chickamauga Creek. The NTP for professional services was issued on January 24, 2013, and the PER was submitted to the City in October 2013. Detailed design of the restoration began on October 16, 2013. TDEC has issued the Aquatic Resource Alternation Permit ("ARAP") permit on August 17, 2015. Completion of construction phase is scheduled for the first half of 2017.

3.9 Reporting Requirements

Compliance with Section IX of the CD requires the City to submit the following reports on a calendar schedule:

- Quarterly Reports, including detailed information on Chattanooga's SSOs, CSO discharges and bypasses at the MBWWTP;
- Semi-Annual Work Progress Reports, including CD deliverable milestones achieved in the last 6 months and projections for activities anticipated to be completed in the following 6 months; and
- Annual Reports, including trends and analyses of the results of the Chattanooga CD programs including CMOM and SSO reduction programs.

To date, the following reports have been submitted to the EPA:

- Quarterly Reports 1 – 11;
- Semi-Annual Work Progress Reports 1 – 5, and
- Annual Report 1 - 3.

The following reports will be submitted to the EPA during (or shortly after) the next Reporting Period:

- Quarterly Reports 12 and 13;
- Semi-Annual Work Progress Report 6; and
- Annual report 4.

3.10 Stipulated Penalties

Paragraph 48 of the CD sets for the nine categories of CD violations or milestones subject to stipulated penalties under the CD. No demands were for stipulated penalties were made by EPA during this Reporting Period.

4.0 Additional Work

According to paragraph 39(c) of the CD, the City is required to include in this Report "any additional information Chattanooga determines is appropriate to demonstrate that Chattanooga is implementing the remedial actions required under this Consent Decree in an adequate and timely manner." The purpose of this section is to address this requirement of the CD.

In addition to the work progress achieved in accordance with the CD as described in the previous sections, the City continued to implement remedial and improvement efforts under the existing Capital Improvement Program during the Reporting Period. The work described below is aimed at assessing and improving Chattanooga's Interceptor Sewer System ("ISS"). While not required by the CD, these projects directly impact Chattanooga's on-going effort to reduce and eliminate SSOs.

4.1 201 Facility Plan Update

This project will provide an update to the Chattanooga, Tennessee-Georgia Regional Wastewater Facilities Plan ("201 Plan"), which was previously updated in 2008. The updated 201 Plan will also be used to coordinate future SRF Loan Program projects. This plan is one of the master planning documents that the City will use to manage the technical solutions derived from the work required by the CD. The draft plan has been completed by the contractor and was submitted to the City in December 2015 for its review and approval. The plan is currently under final review by the City and is expected to be complete in the next reporting period.

4.2 MBWWTP Backup Electrical Power (complete)

The City has completed an analysis of the electrical power feeds at each of their wastewater and storm water pumping stations and combined sewer overflow facilities located within the ISS. The result of this analysis was a list of priority projects that was to be executed over several years to address electrical power or backup pumping redundancy at these locations. These sites included several sanitary sewer and storm water pumping stations throughout the ISS as well as the MBWWTP. The improvements proceeded under two contracts: the first was the purchase of a portable generator and the second included installation of a permanent generator at the MBWWTP as well as generator connections at priority sites. The City received TDEC approval of both contracts June 27, 2014. The City completed the bidding process in 2015 and issued an NTP to the selected contractor for construction on September 16, 2014. Construction actives were completed February of 2016.

4.3 Citico Pump Station ("PS") and CSOTF Upgrades

The Citico PS and CSOTF Upgrades project will consist of the design and construction of pumping improvements to the Citico CSOTF to restore ISS capacity, improve reliability, reduce SSOs, and comply with State and Federal regulations. The project includes an evaluation of the Citico Pump Station to determine improvements necessary to operate the pump station at design capacity as well as design and construction oversight of the selected improvements. A consultant has been contracted to perform the design. The NTP for professional services was issued on January 27, 2015, and TDEC approval of the plans was received June 14, 2016. Bidding is expected to commence in the late summer of 2016.

4.4 South Chick PS Phase II and Spring Creek PS Upgrades

The South Chick PS Phase II and Spring Creek PS Upgrades project will evaluate and design additional reliability improvements for the South Chickamauga Creek Pump Station, including replacement of the sluice gates and bar screens and rehabilitation of the pump station wet well. This project will also evaluate and design improvements for the Spring Creek Pump Station in order to meet or exceed the rated capacity of the existing pump station. Improvements for both pumping stations have been scoped under a single contract. The NTP for professional services was awarded on May 6, 2015. Comments were received from TDEC on May 4, 2016 and plans were resubmitted May 16, 2016. TDEC approval and bid commencement is anticipated for in the late summer of 2016.

4.5 Carter Street Sewer Rehabilitation

This project consists of the rehabilitation of approximately 800 LF of 21-inch sewer from under an abandoned industrial landfill that connects the Carter Street sewer with a main City interceptor. This project will improve the reliability and structural integrity of the existing pipe and will remove unwanted inflow and infiltration for the system. Trenchless technology methods are being analyzed to reduce construction and permitting costs. The NTP for professional services was awarded on September 7, 2012. The project is currently in final design and will be re-submitted to TDEC for review and approval in February 2016. Additionally, commencement and completion of the bid phase and the commencement of the construction phase is scheduled for the second half of 2016.

4.6 MBWWTP – Detritors Rehabilitation

This project involves the rehabilitation and upgrade of the influent grit detritors and related splitter box at the MBWWTP. This project will improve reliability and prevent equipment failure that could lead to bypasses during peak flows by updating aging infrastructure. The NTP for professional services was awarded on July 1, 2015. The project is in the design phase with bidding expected to commence in the second half of 2016.

4.7 Friar's Branch-South Chick Creek 5 Interceptor Rehabilitation

This project involves the rehabilitation of approximately 23,640 linear feet of pipeline in the Friars Branch and South Chickamauga Creek 5 Sub Basins using trenchless technologies. Trenchless rehabilitation allows the City to conduct the pipe repairs while limiting disturbances to the areas near the work site. The NTP for professional services was awarded on August 6, 2015. The project is in the detailed design phase with bidding expected to commence in the second half of 2016.

4.8 MBWWTP-Control Room Upgrades

This project involves the upgrade to the existing MBWWTP control room with improvements to better manage the WRD system through the SCADA system. The NTP for professional services was awarded on November 30, 2015. The project is undergoing preliminary engineering with detailed design expected to commence in the second half of 2016.

4.9 Citico PS Reliability Improvements

This project consists of the addition of an emergency backup pumping system, the addition of an emergency standby generator that is capable of running the entire station at its rated flowrate of 117 MGD, and Electrical Reliability Improvements. This project will increase the pump station's reliability and reduce sanitary sewer overflows. Detailed design is anticipated to begin in the second half of 2016.

Appendix A
Project Schedules Gantt Chart

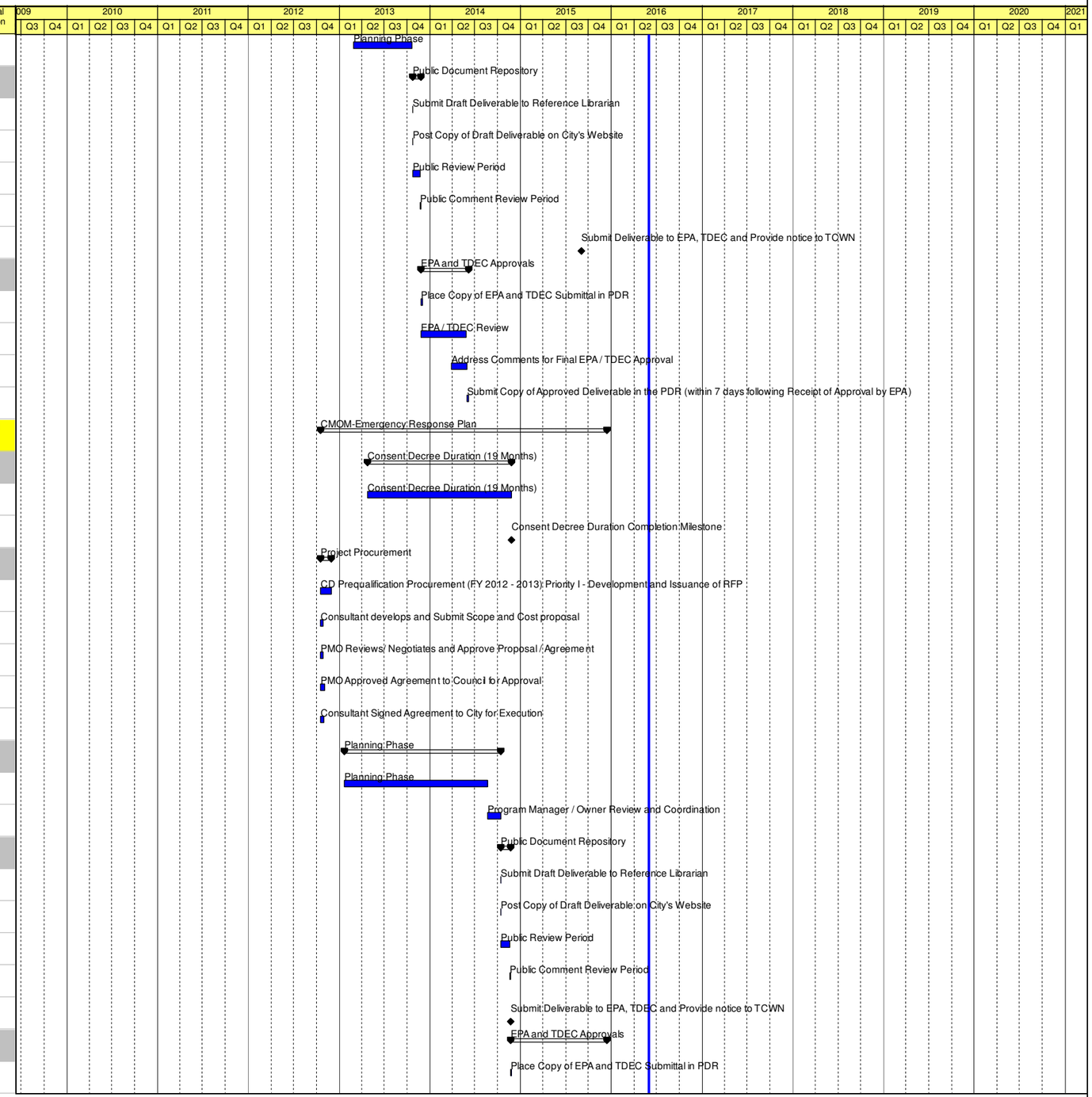
Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
Chattanooga Consent Decree Deliverables Schedule		8212	26-Nov-08 A	01-Jun-31	20.53%	6896
Program Milestones		0	24-Apr-13 A	24-Apr-13 A	0%	0
Program Milestones		0	24-Apr-13 A	24-Apr-13 A	0%	0
Consent Decree Effective Date		0	24-Apr-13 A	24-Apr-13 A	0%	0
PROGRAM MILESTONES		0	24-Apr-13 A	24-Apr-13 A	0%	0
OO1000	Consent Decree Effective Date	0	24-Apr-13 A		100%	0
Section II - Applicability		30	24-Apr-13 A	24-May-13 A	100%	30
Para 5 - Distribute CD		30	24-Apr-13 A	24-May-13 A	100%	30
Distribute Consent Decree		30	24-Apr-13 A	24-May-13 A	100%	30
Para 5 - Distribute CD		30	24-Apr-13 A	24-May-13 A	100%	30
BA1010	Distribute CD to All Entities/People Who Will Have Duties Associated with Compliance of CD	30	24-Apr-13 A	24-May-13 A	100%	30
Section V - Review / Certification of Deliverables		169	24-Apr-13 A	10-Oct-13 A	100%	169
Para 9 - Public Document Repository		169	24-Apr-13 A	10-Oct-13 A	100%	169
Public Document Repository		169	24-Apr-13 A	10-Oct-13 A	100%	169
Para 9 - Public Document Repository Development		169	24-Apr-13 A	10-Oct-13 A	100%	169
BB1010	Set up PDR Before First Reviewable CD Submittal is Due	169	24-Apr-13 A	10-Oct-13 A	100%	169
Section VI - Compliance Requirements		8212	26-Nov-08 A	01-Jun-31	20.53%	6896
Para 19 - Community Input Plan		215	24-Apr-13 A	25-Nov-13 A	100%	944
Community Input Plan		215	24-Apr-13 A	25-Nov-13 A	100%	944
Consent Decree Duration		214	24-Apr-13 A	24-Nov-13 A	100%	214
A4310	Consent Decree Duration	214	24-Apr-13 A	24-Nov-13 A	100%	214
Community Input Plan		215	24-Apr-13 A	25-Nov-13 A	100%	214
BC1010	Community Input Plan Development	214	24-Apr-13 A	24-Nov-13 A	100%	214
BC1020	Community Input Plan Submitted to WWRAB	0	25-Nov-13 A	25-Nov-13 A	100%	0
Para 20 - CMOM		2859	26-Nov-08 A	04-Oct-16	94.96%	2518
CMOM-Sewer Overflow Response Protocol (SORP)		691	15-Jul-12 A	05-Jun-14 A	100%	1144
Consent Decree Duration (7 Months)		216	24-Apr-13 A	25-Nov-13 A	100%	216
OA0100	Consent Decree Duration (7 Months)	215	24-Apr-13 A	25-Nov-13 A	100%	215
OA0110	Consent Decree Duration Completion Milestone	0		25-Nov-13 A	100%	0
Project Procurement		0	15-Jul-12 A	15-Jul-12 A	0%	0
OA0200	PM Procurement	0	15-Jul-12 A	15-Jul-12 A	100%	0
Planning Phase		464	15-Jul-12 A	22-Oct-13 A	100%	464
OA0010	Adminstration Period	229	15-Jul-12 A	28-Feb-13 A	100%	229

Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
OA1000	Planning Phase	235	01-Mar-13 A	22-Oct-13 A	100%	235
Public Document Repository		33	23-Oct-13 A	25-Nov-13 A	100%	33
OA2000	Submit Draft Deliverable to Reference Librarian	0	23-Oct-13 A	23-Oct-13 A	100%	0
OA2010	Post Copy of Draft Deliverable on City's Website	0	23-Oct-13 A	23-Oct-13 A	100%	0
OA2020	Public Review Period	31	24-Oct-13 A	24-Nov-13 A	100%	31
OA2030	Public Comment Review Period	2	23-Nov-13 A	25-Nov-13 A	100%	2
OA2040	Submit Deliverable to EPA, TDEC and Provide notice to TCWN	0		25-Nov-13 A	100%	0
EPA and TDEC Approvals		192	26-Nov-13 A	05-Jun-14 A	100%	192
OA0900	Place Copy of EPA and TDEC Submittal in PDR	8	26-Nov-13 A	04-Dec-13 A	100%	8
OA0910	EPA / TDEC Review	183	26-Nov-13 A	28-May-14 A	100%	183
OA0920	Address Comments for Final EPA / TDEC Approval	62	29-Mar-14 A	29-May-14 A	100%	62
OA0930	Submit Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval by EPA)	7	30-May-14 A	05-Jun-14 A	100%	7
CMOM-Emergency Response Plan		1153	18-Oct-12 A	14-Dec-15 A	100%	1153
Consent Decree Duration (19 Months)		580	24-Apr-13 A	24-Nov-14 A	100%	580
OB0100	Consent Decree Duration (19 Months)	580	24-Apr-13 A	24-Nov-14 A	100%	580
OB0110	Consent Decree Duration Completion Milestone	0		24-Nov-14 A	100%	0
Project Procurement		45	18-Oct-12 A	01-Dec-12 A	100%	45
OB1000	CD Prequalification Procurement (FY 2012 - 2013) Priority I - Development and Issuance of RFP	45	18-Oct-12 A	01-Dec-12 A	100%	45
OB1010	Consultant develops and Submit Scope and Cost proposal	10	18-Oct-12 A	27-Oct-12 A	100%	10
OB1020	PMO Reviews/ Negotiates and Approve Proposal / Agreement	10	18-Oct-12 A	27-Oct-12 A	100%	10
OB1030	PMO Approved Agreement to Council for Approval	18	18-Oct-12 A	04-Nov-12 A	100%	18
OB1040	Consultant Signed Agreement to City for Execution	14	18-Oct-12 A	31-Oct-12 A	100%	14
Planning Phase		628	23-Jan-13 A	12-Oct-14 A	100%	628
OB2000	Planning Phase	575	23-Jan-13 A	20-Aug-14 A	100%	575
OB2010	Program Manager / Owner Review and Coordination	53	21-Aug-14 A	12-Oct-14 A	100%	53
Public Document Repository		40	12-Oct-14 A	20-Nov-14 A	100%	40
OB3000	Submit Draft Deliverable to Reference Librarian	0	13-Oct-14 A	13-Oct-14 A	100%	0
OB3010	Post Copy of Draft Deliverable on City's Website	0	13-Oct-14 A	13-Oct-14 A	100%	0
OB3020	Public Review Period	37	12-Oct-14 A	17-Nov-14 A	100%	37
OB3030	Public Comment Review Period	3	18-Nov-14 A	20-Nov-14 A	100%	3
OB3040	Submit Deliverable to EPA, TDEC and Provide notice to TCWN	0		20-Nov-14 A	100%	0
EPA and TDEC Approvals		389	21-Nov-14 A	14-Dec-15 A	100%	389
OB0900	Place Copy of EPA and TDEC Submittal in PDR	4	21-Nov-14 A	24-Nov-14 A	100%	4

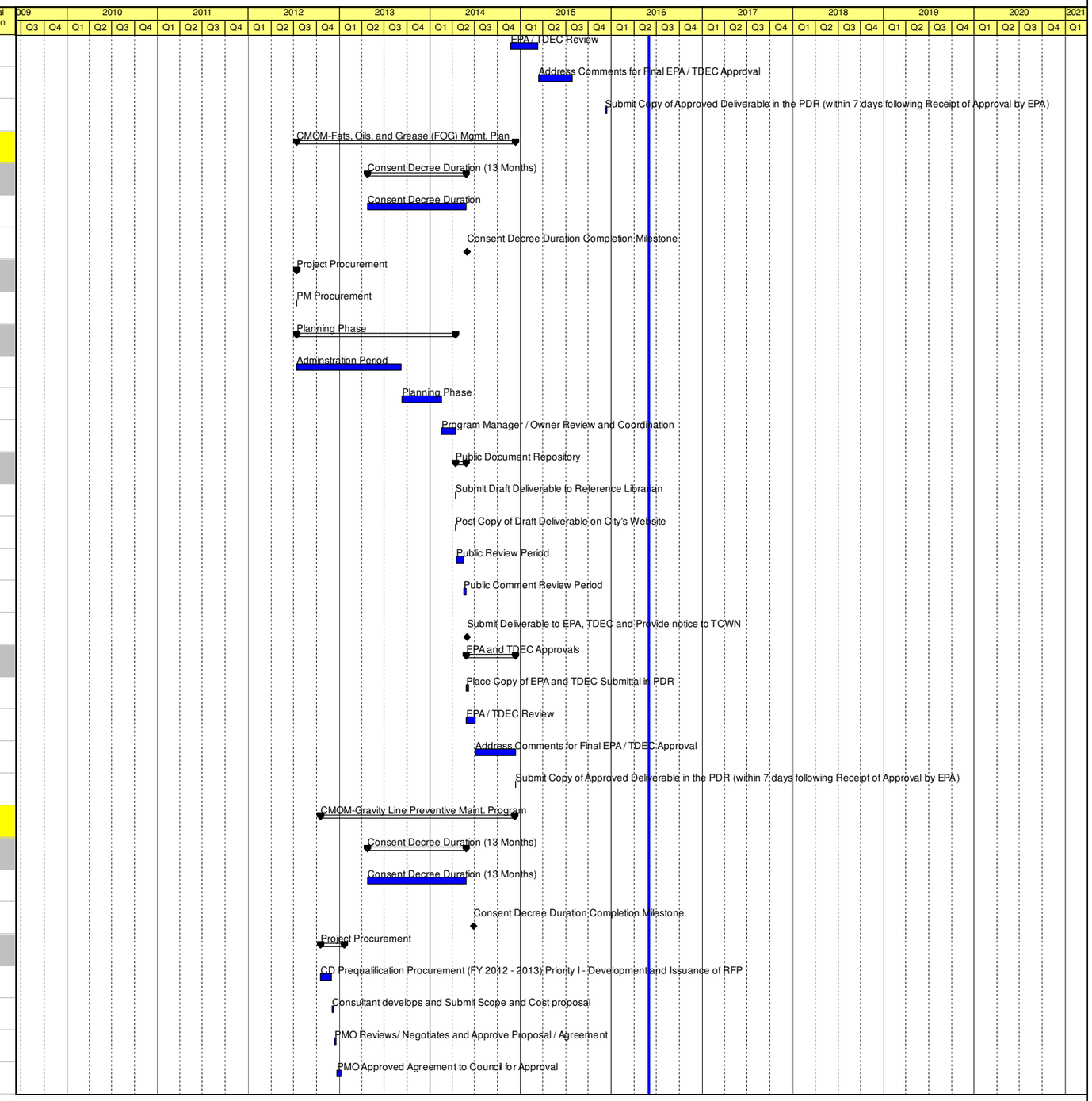


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
OB0910	EPA / TDEC Review	112	21-Nov-14 A	12-Mar-15 A	100%	112
OB0920	Address Comments for Final EPA / TDEC Approval	137	13-Mar-15 A	28-Jul-15 A	100%	137
OB0930	Submit Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval by EPA)	7	08-Dec-15 A	14-Dec-15 A	100%	7
CMOM-Fats, Oils, and Grease (FOG) Mgmt. Plan		880	15-Jul-12 A	12-Dec-14 A	100%	939
Consent Decree Duration (13 Months)		398	24-Apr-13 A	27-May-14 A	100%	402
OC0100	Consent Decree Duration	398	24-Apr-13 A	27-May-14 A	100%	398
OC0110	Consent Decree Duration Completion Milestone	0		27-May-14 A	100%	0
Project Procurement		0	15-Jul-12 A	15-Jul-12 A	0%	0
OC1000	PM Procurement	0	15-Jul-12 A	15-Jul-12 A	100%	0
Planning Phase		639	15-Jul-12 A	15-Apr-14 A	100%	650
OC1005	Adminstration Period	421	15-Jul-12 A	09-Sep-13 A	100%	421
OC1010	Planning Phase	159	10-Sep-13 A	16-Feb-14 A	100%	159
OC1020	Program Manager / Owner Review and Coordination	57	17-Feb-14 A	15-Apr-14 A	100%	57
Public Document Repository		41	16-Apr-14 A	27-May-14 A	100%	57
OC2000	Submit Draft Deliverable to Reference Librarian	0	16-Apr-14 A	16-Apr-14 A	100%	0
OC2010	Post Copy of Draft Deliverable on City's Website	0	16-Apr-14 A	16-Apr-14 A	100%	0
OC2020	Public Review Period	30	17-Apr-14 A	17-May-14 A	100%	30
OC2030	Public Comment Review Period	9	18-May-14 A	27-May-14 A	100%	9
OC2040	Submit Deliverable to EPA, TDEC and Provide notice to TCWN	0		27-May-14 A	100%	0
EPA and TDEC Approvals		198	28-May-14 A	12-Dec-14 A	100%	254
OC0900	Place Copy of EPA and TDEC Submittal in PDR	8	28-May-14 A	05-Jun-14 A	100%	8
OC0910	EPA / TDEC Review	35	28-May-14 A	02-Jul-14 A	100%	35
OC0920	Address Comments for Final EPA / TDEC Approval	162	03-Jul-14 A	12-Dec-14 A	100%	162
OC0930	Submit Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval by EPA)	0	12-Dec-14 A	12-Dec-14 A	100%	0
CMOM-Gravity Line Preventive Maint. Program		782	18-Oct-12 A	09-Dec-14 A	100%	924
Consent Decree Duration (13 Months)		398	24-Apr-13 A	27-May-14 A	100%	430
OD1110	Consent Decree Duration (13 Months)	398	24-Apr-13 A	27-May-14 A	100%	398
OD1120	Consent Decree Duration Completion Milestone	0		27-May-14 A	100%	0
Project Procurement		97	18-Oct-12 A	22-Jan-13 A	100%	97
OD1000	CD Prequalification Procurement (FY 2012 - 2013) Priority I - Development and Issuance of RFP	45	18-Oct-12 A	01-Dec-12 A	100%	45
OD1130	Consultant develops and Submit Scope and Cost proposal	10	02-Dec-12 A	11-Dec-12 A	100%	10
OD1140	PMO Reviews/ Negotiates and Approve Proposal / Agreement	10	12-Dec-12 A	21-Dec-12 A	100%	10
OD1150	PMO Approved Agreement to Council for Approval	18	22-Dec-12 A	08-Jan-13 A	100%	18

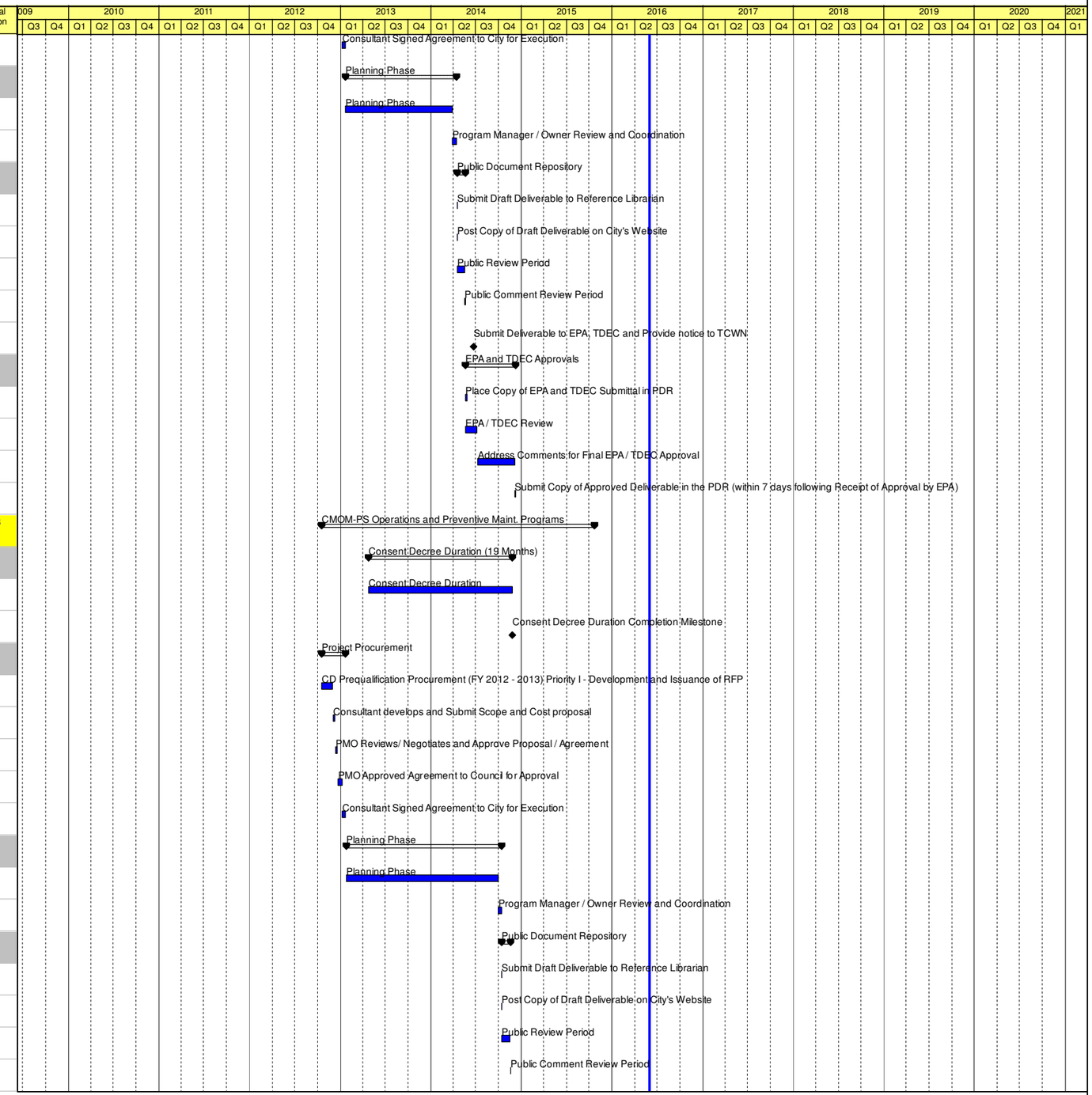


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS®

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
OD1160	Consultant Signed Agreement to City for Execution	14	09-Jan-13 A	22-Jan-13 A	100%	14
Planning Phase		448	23-Jan-13 A	16-Apr-14 A	100%	479
OD1010	Planning Phase	429	23-Jan-13 A	28-Mar-14 A	100%	429
OD1170	Program Manager / Owner Review and Coordination	18	29-Mar-14 A	16-Apr-14 A	100%	18
Public Document Repository		34	17-Apr-14 A	21-May-14 A	100%	53
OD1020	Submit Draft Deliverable to Reference Librarian	0	17-Apr-14 A	17-Apr-14 A	100%	0
OD1030	Post Copy of Draft Deliverable on City's Website	0	17-Apr-14 A	17-Apr-14 A	100%	0
OD1040	Public Review Period	30	17-Apr-14 A	17-May-14 A	100%	30
OD1050	Public Comment Review Period	3	18-May-14 A	21-May-14 A	100%	3
OD1060	Submit Deliverable to EPA, TDEC and Provide notice to TCWN	0		21-May-14 A	100%	0
EPA and TDEC Approvals		201	22-May-14 A	09-Dec-14 A	100%	312
OD1070	Place Copy of EPA and TDEC Submittal in PDR	5	22-May-14 A	27-May-14 A	100%	5
OD1080	EPA / TDEC Review	46	22-May-14 A	07-Jul-14 A	100%	46
OD1090	Address Comments for Final EPA / TDEC Approval	150	08-Jul-14 A	05-Dec-14 A	100%	150
OD1100	Submit Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval by EPA)	3	06-Dec-14 A	09-Dec-14 A	100%	3
CMOM-PS Operations and Preventive Maint. Programs		1099	18-Oct-12 A	22-Oct-15 A	100%	1138
Consent Decree Duration (19 Months)		580	24-Apr-13 A	24-Nov-14 A	100%	580
OE1110	Consent Decree Duration	579	24-Apr-13 A	24-Nov-14 A	100%	579
OE1120	Consent Decree Duration Completion Milestone	0		24-Nov-14 A	100%	0
Project Procurement		97	18-Oct-12 A	22-Jan-13 A	100%	97
OE1000	CD Prequalification Procurement (FY 2012 - 2013) Priority I - Development and Issuance of RFP	45	18-Oct-12 A	01-Dec-12 A	100%	45
OE3100	Consultant develops and Submit Scope and Cost proposal	10	02-Dec-12 A	11-Dec-12 A	100%	10
OE3110	PMO Reviews/ Negotiates and Approve Proposal / Agreement	10	12-Dec-12 A	21-Dec-12 A	100%	10
OE3120	PMO Approved Agreement to Council for Approval	18	22-Dec-12 A	08-Jan-13 A	100%	18
OE3130	Consultant Signed Agreement to City for Execution	14	09-Jan-13 A	22-Jan-13 A	100%	14
Planning Phase		626	24-Jan-13 A	12-Oct-14 A	100%	627
OE1010	Planning Phase	613	24-Jan-13 A	29-Sep-14 A	100%	613
OE1130	Program Manager / Owner Review and Coordination	12	30-Sep-14 A	12-Oct-14 A	100%	12
Public Document Repository		36	13-Oct-14 A	18-Nov-14 A	100%	48
OE1020	Submit Draft Deliverable to Reference Librarian	0	13-Oct-14 A	13-Oct-14 A	100%	0
OE1030	Post Copy of Draft Deliverable on City's Website	0	13-Oct-14 A	13-Oct-14 A	100%	0
OE1040	Public Review Period	35	13-Oct-14 A	17-Nov-14 A	100%	35
OE1050	Public Comment Review Period	0	18-Nov-14 A	18-Nov-14 A	100%	0

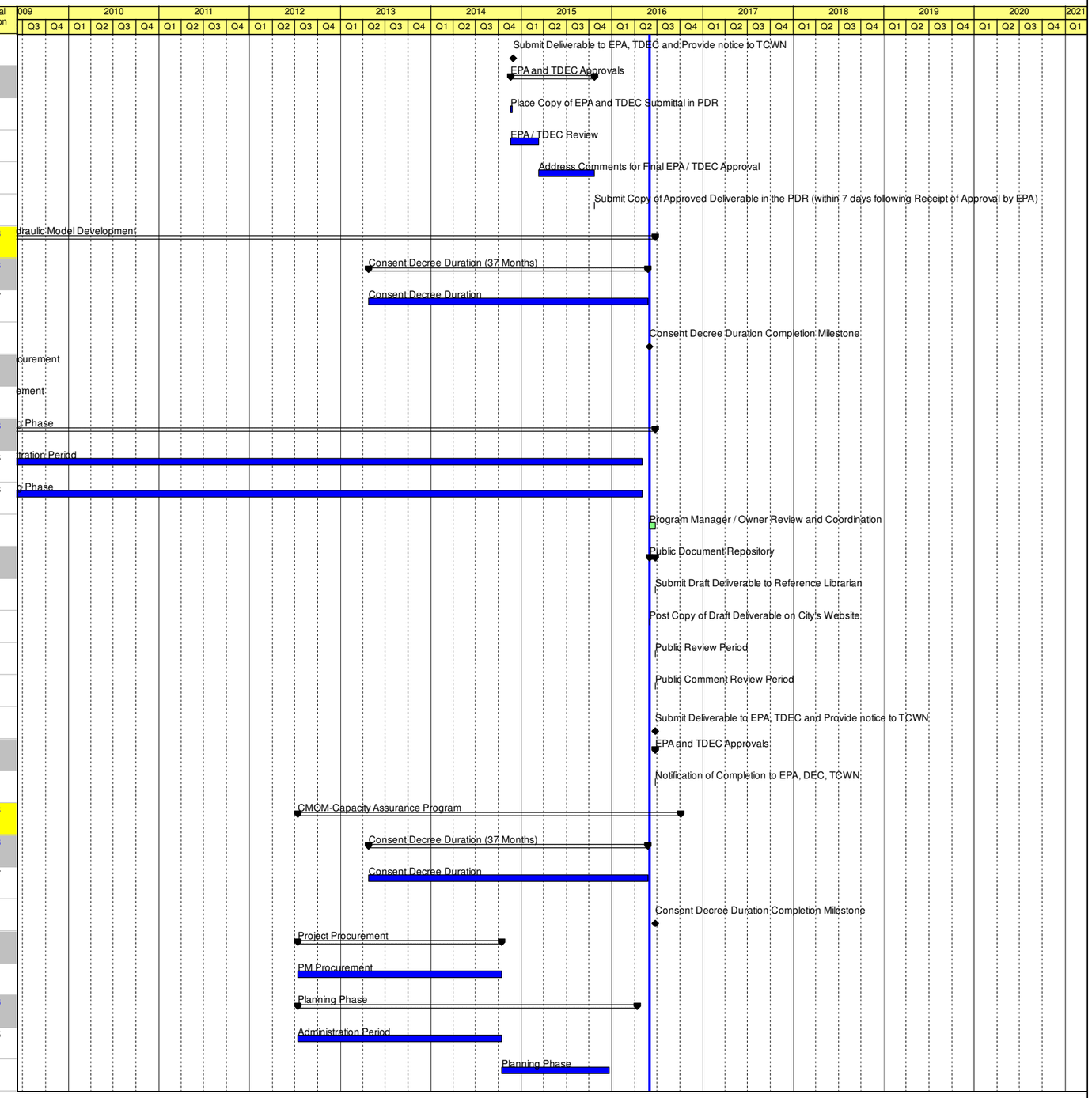


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
OE1060	Submit Deliverable to EPA, TDEC and Provide notice to TCWN	0		18-Nov-14 A	100%	0
EPA and TDEC Approvals		338	18-Nov-14 A	22-Oct-15 A	100%	365
OE1070	Place Copy of EPA and TDEC Submittal in PDR	6	18-Nov-14 A	24-Nov-14 A	100%	6
OE1080	EPA / TDEC Review	113	19-Nov-14 A	12-Mar-15 A	100%	113
OE1090	Address Comments for Final EPA / TDEC Approval	223	13-Mar-15 A	22-Oct-15 A	100%	223
OE1100	Submit Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval by EPA)	0	22-Oct-15 A	22-Oct-15 A	100%	0
CMOM-Hydraulic Model Development		2756	26-Nov-08 A	23-Jun-16	99.05%	2518
Consent Decree Duration (37 Months)		1126	24-Apr-13 A	24-May-16 A	100%	1133
OF1110	Consent Decree Duration	1126	24-Apr-13 A	24-May-16 A	100%	1127
OF1120	Consent Decree Duration Completion Milestone	0		24-May-16 A	100%	0
Project Procurement		62	26-Nov-08 A	26-Jan-09 A	100%	62
OF1005	PM Procurement	62	26-Nov-08 A	26-Jan-09 A	100%	62
Planning Phase		2694	27-Jan-09 A	23-Jun-16	99.05%	2518
OF1006	Administration Period	2639	27-Jan-09 A	30-Apr-16 A	100%	2518
OF1010	Planning Phase	2639	27-Jan-09 A	30-Apr-16 A	100%	2518
OF1130	Program Manager / Owner Review and Coordination	24	31-May-16	23-Jun-16	0%	24
Public Document Repository		24	31-May-16	23-Jun-16	0%	24
OF1141	Submit Draft Deliverable to Reference Librarian	1	23-Jun-16*	23-Jun-16	0%	1
OF1142	Post Copy of Draft Deliverable on City's Website	1	31-May-16*	31-May-16	0%	1
OF1143	Public Review Period	0	23-Jun-16	23-Jun-16	0%	0
OF1144	Public Comment Review Period	0	23-Jun-16	23-Jun-16	0%	0
OF1145	Submit Deliverable to EPA, TDEC and Provide notice to TCWN	0		23-Jun-16	0%	0
EPA and TDEC Approvals		0	23-Jun-16	23-Jun-16	0%	0
OF1151	Notification of Completion to EPA, DEC, TCWN	0	23-Jun-16*	23-Jun-16	0%	0
CMOM-Capacity Assurance Program		1543	15-Jul-12 A	04-Oct-16	91.77%	1543
Consent Decree Duration (37 Months)		1126	24-Apr-13 A	24-May-16 A	100%	1158
OG1110	Consent Decree Duration	1126	24-Apr-13 A	24-May-16 A	100%	1127
OG1120	Consent Decree Duration Completion Milestone	0		24-May-16 A	100%	0
Project Procurement		821	15-Jul-12 A	14-Oct-14 A	100%	821
OG1000	PM Procurement	821	15-Jul-12 A	14-Oct-14 A	100%	821
Planning Phase		1367	15-Jul-12 A	12-Apr-16 A	100%	1466
OG1005	Administration Period	821	15-Jul-12 A	14-Oct-14 A	100%	1385
OG1010	Planning Phase	434	15-Oct-14 A	22-Dec-15 A	100%	434

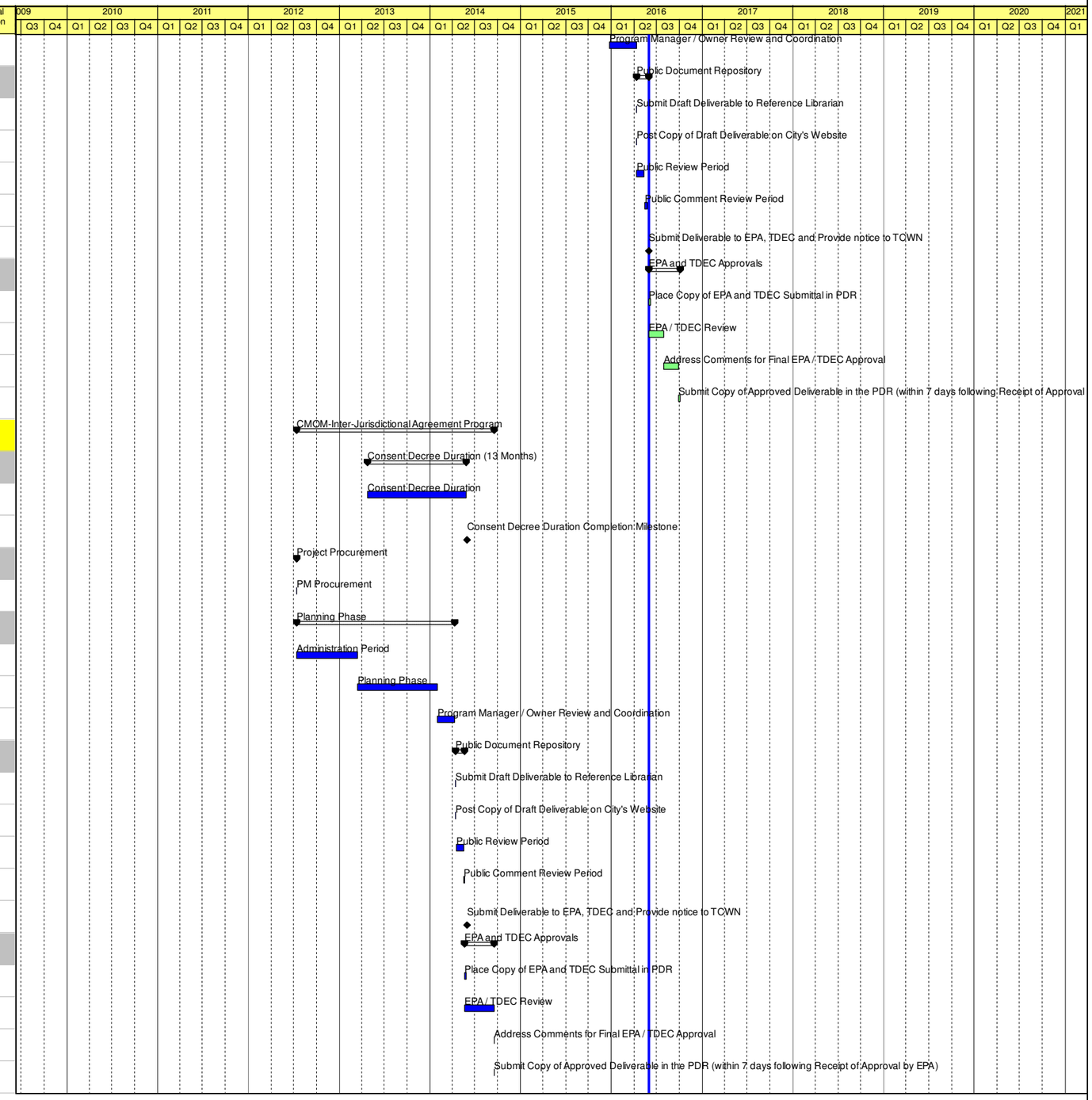


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS®

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
OG1130	Program Manager / Owner Review and Coordination	111	23-Dec-15 A	12-Apr-16 A	100%	142
Public Document Repository		48	13-Apr-16 A	31-May-16	100%	31
OG1020	Submit Draft Deliverable to Reference Librarian	0	13-Apr-16 A	13-Apr-16 A	100%	1
OG1030	Post Copy of Draft Deliverable on City's Website	0	13-Apr-16 A	13-Apr-16 A	100%	1
OG1040	Public Review Period	30	13-Apr-16 A	13-May-16 A	100%	30
OG1050	Public Comment Review Period	10	14-May-16 A	23-May-16 A	100%	10
OG1060	Submit Deliverable to EPA, TDEC and Provide notice to TCWN	0		31-May-16	0%	0
EPA and TDEC Approvals		127	31-May-16	04-Oct-16	0%	127
OG1070	Place Copy of EPA and TDEC Submittal in PDR	7	31-May-16	06-Jun-16	0%	7
OG1080	EPA / TDEC Review	60	31-May-16	29-Jul-16	0%	60
OG1090	Address Comments for Final EPA / TDEC Approval	60	30-Jul-16	27-Sep-16	0%	60
OG1100	Submit Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval by EPA)	7	28-Sep-16	04-Oct-16	0%	7
CMOM-Inter-Jurisdictional Agreement Program		793	15-Jul-12 A	16-Sep-14 A	100%	807
Consent Decree Duration (13 Months)		398	24-Apr-13 A	27-May-14 A	100%	402
OH1110	Consent Decree Duration	398	24-Apr-13 A	27-May-14 A	100%	398
OH1120	Consent Decree Duration Completion Milestone	0		21-May-14 A	100%	0
Project Procurement		0	15-Jul-12 A	15-Jul-12 A	0%	0
OH1000	PM Procurement	0	15-Jul-12 A	15-Jul-12 A	100%	0
Planning Phase		634	15-Jul-12 A	10-Apr-14 A	100%	661
OH1005	Administration Period	244	15-Jul-12 A	15-Mar-13 A	100%	244
OH1010	Planning Phase	322	16-Mar-13 A	31-Jan-14 A	100%	322
OH1130	Program Manager / Owner Review and Coordination	68	01-Feb-14 A	10-Apr-14 A	100%	68
Public Document Repository		35	16-Apr-14 A	21-May-14 A	100%	34
OH1020	Submit Draft Deliverable to Reference Librarian	0	16-Apr-14 A	16-Apr-14 A	100%	0
OH1030	Post Copy of Draft Deliverable on City's Website	0	16-Apr-14 A	16-Apr-14 A	100%	0
OH1040	Public Review Period	30	17-Apr-14 A	17-May-14 A	100%	30
OH1050	Public Comment Review Period	3	18-May-14 A	21-May-14 A	100%	3
OH1060	Submit Deliverable to EPA, TDEC and Provide notice to TCWN	0		21-May-14 A	100%	0
EPA and TDEC Approvals		117	22-May-14 A	16-Sep-14 A	100%	122
OH1070	Place Copy of EPA and TDEC Submittal in PDR	5	22-May-14 A	27-May-14 A	100%	5
OH1080	EPA / TDEC Review	117	22-May-14 A	16-Sep-14 A	100%	117
OH1090	Address Comments for Final EPA / TDEC Approval	0	16-Sep-14 A	16-Sep-14 A	100%	0
OH1100	Submit Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval by EPA)	0	16-Sep-14 A	16-Sep-14 A	100%	0

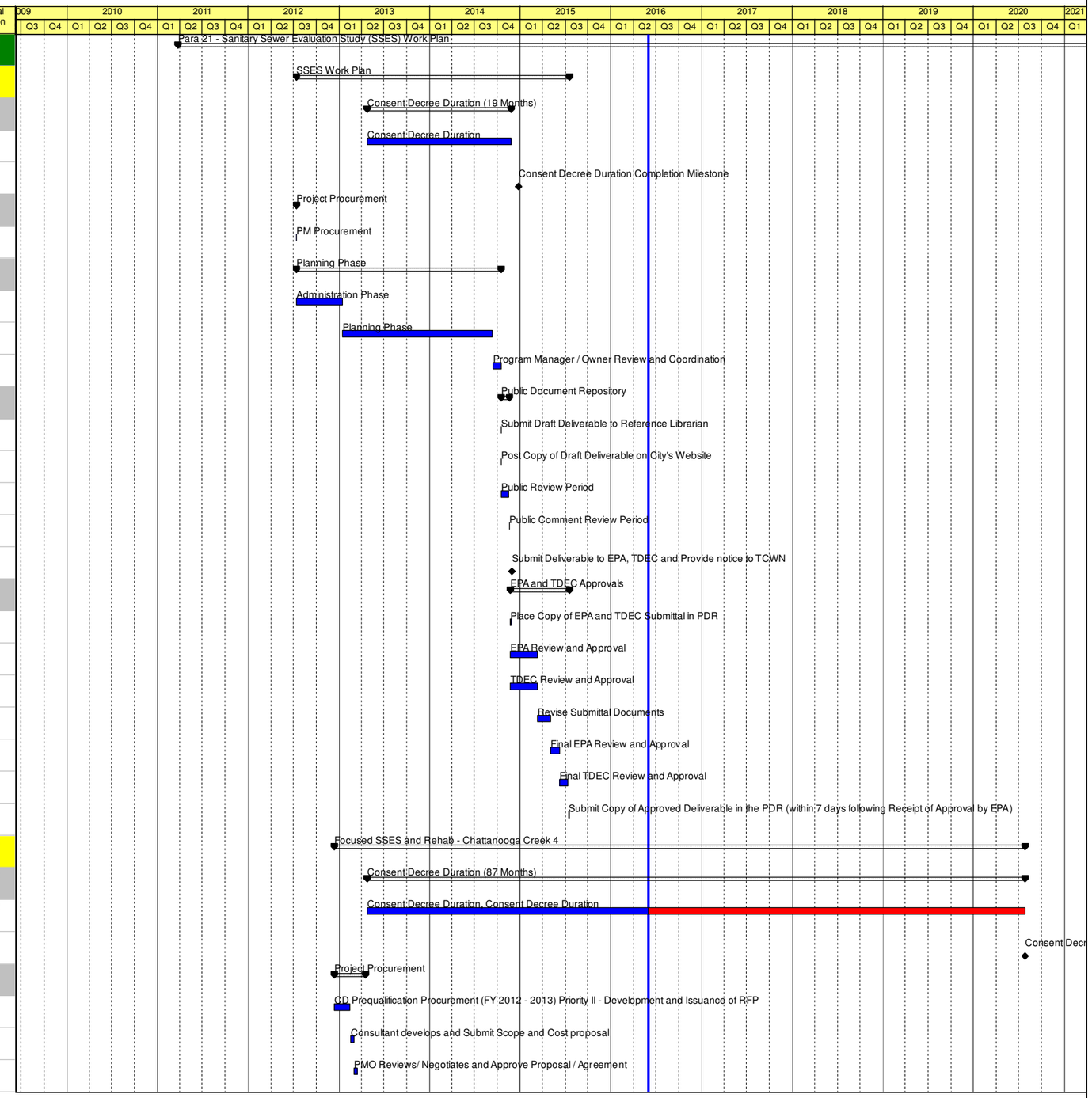


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS®

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
Para 21 - Sanitary Sewer Evaluation Study (SSES) Work Plan		7374	25-Mar-11 A	01-Jun-31	20.53%	6896
SSES Work Plan		1100	15-Jul-12 A	20-Jul-15 A	100%	1157
Consent Decree Duration (19 Months)		579	24-Apr-13 A	24-Nov-14 A	100%	610
OI1110	Consent Decree Duration	579	24-Apr-13 A	24-Nov-14 A	100%	579
OI1120	Consent Decree Duration Completion Milestone	0		24-Nov-14 A	100%	0
Project Procurement		0	15-Jul-12 A	15-Jul-12 A	0%	0
OI1000	PM Procurement	0	15-Jul-12 A	15-Jul-12 A	100%	0
Planning Phase		823	15-Jul-12 A	16-Oct-14 A	100%	823
OI1005	Administration Phase	184	15-Jul-12 A	14-Jan-13 A	100%	184
OI1010	Planning Phase	605	15-Jan-13 A	11-Sep-14 A	100%	605
OI1130	Program Manager / Owner Review and Coordination	34	12-Sep-14 A	16-Oct-14 A	100%	34
Public Document Repository		34	17-Oct-14 A	20-Nov-14 A	100%	48
OI1020	Submit Draft Deliverable to Reference Librarian	0	17-Oct-14 A	17-Oct-14 A	100%	0
OI1030	Post Copy of Draft Deliverable on City's Website	0	17-Oct-14 A	17-Oct-14 A	100%	0
OI1040	Public Review Period	30	18-Oct-14 A	17-Nov-14 A	100%	30
OI1050	Public Comment Review Period	0	18-Nov-14 A	18-Nov-14 A	100%	0
OI1060	Submit Deliverable to EPA, TDEC and Provide notice to TCWN	0		20-Nov-14 A	100%	0
EPA and TDEC Approvals		241	21-Nov-14 A	20-Jul-15 A	100%	289
OI1070	Place Copy of EPA and TDEC Submittal in PDR	3	21-Nov-14 A	24-Nov-14 A	100%	3
OI1080	EPA Review and Approval	111	21-Nov-14 A	12-Mar-15 A	100%	111
OI1090	TDEC Review and Approval	111	21-Nov-14 A	12-Mar-15 A	100%	111
OI1092	Revise Submittal Documents	52	13-Mar-15 A	04-May-15 A	100%	52
OI1094	Final EPA Review and Approval	34	05-May-15 A	08-Jun-15 A	100%	34
OI1096	Final TDEC Review and Approval	34	09-Jun-15 A	13-Jul-15 A	100%	34
OI1100	Submit Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval by EPA)	6	14-Jul-15 A	20-Jul-15 A	100%	6
Focused SSES and Rehab - Chattanooga Creek 4		2785	12-Dec-12 A	27-Jul-20	45.46%	2785
Consent Decree Duration (87 Months)		2652	24-Apr-13 A	27-Jul-20	42.72%	2652
OJ1110	Consent Decree Duration	2652	24-Apr-13 A	27-Jul-20	42.72%	2652
OJ1120	Consent Decree Duration Completion Milestone	0		27-Jul-20*	0%	0
Project Procurement		128	12-Dec-12 A	18-Apr-13 A	100%	128
OJ3010	CD Prequalification Procurement (FY 2012 - 2013) Priority II - Development and Issuance of RFP	66	12-Dec-12 A	15-Feb-13 A	100%	66
OJ3020	Consultant develops and Submit Scope and Cost proposal	14	16-Feb-13 A	01-Mar-13 A	100%	14
OJ3030	PMO Reviews/ Negotiates and Approve Proposal / Agreement	14	02-Mar-13 A	15-Mar-13 A	100%	14

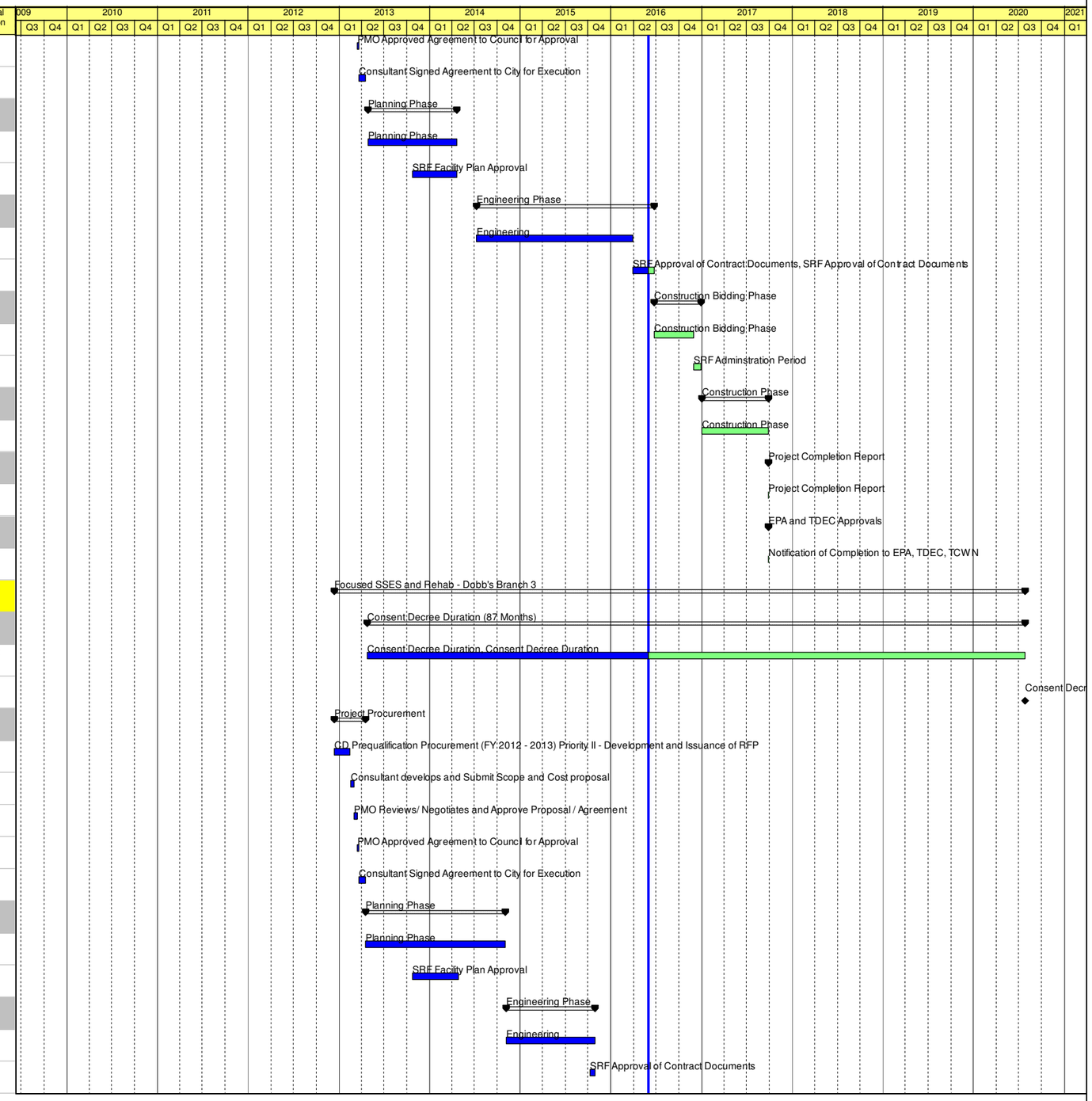


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS®

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
OJ3040	PMO Approved Agreement to Council for Approval	7	16-Mar-13 A	22-Mar-13 A	100%	7
OJ3050	Consultant Signed Agreement to City for Execution	27	23-Mar-13 A	18-Apr-13 A	100%	27
Planning Phase		358	29-Apr-13 A	22-Apr-14 A	100%	375
OJ1010	Planning Phase	358	29-Apr-13 A	22-Apr-14 A	100%	358
OJ1130	SRF Facility Plan Approval	180	24-Oct-13 A	22-Apr-14 A	100%	180
Engineering Phase		715	11-Jul-14 A	24-Jun-16	96.17%	652
OJ1020	Engineering	627	11-Jul-14 A	28-Mar-16 A	100%	627
OJ1030	SRF Approval of Contract Documents	88	29-Mar-16 A	24-Jun-16	7.41%	27
Construction Bidding Phase		189	25-Jun-16	30-Dec-16	0%	189
OJ2000	Construction Bidding Phase	158	25-Jun-16	29-Nov-16	0%	158
OJ2010	SRF Adminstration Period	31	30-Nov-16	30-Dec-16	0%	31
Construction Phase		270	31-Dec-16	26-Sep-17	0%	270
OJ3000	Construction Phase	270	31-Dec-16	26-Sep-17	0%	270
Project Completion Report		0	27-Sep-17	27-Sep-17	0%	0
OI2090	Project Completion Report	0	27-Sep-17	27-Sep-17	0%	0
EPA and TDEC Approvals		0	27-Sep-17	27-Sep-17	0%	0
OJ1070	Notification of Completion to EPA, TDEC, TCWN	0	27-Sep-17	27-Sep-17	0%	0
Focused SSES and Rehab - Dobb's Branch 3		2785	12-Dec-12 A	27-Jul-20	45.46%	2785
Consent Decree Duration (87 Months)		2652	24-Apr-13 A	27-Jul-20	42.72%	2652
OK1040	Consent Decree Duration	2652	24-Apr-13 A	27-Jul-20	42.72%	2652
OK1050	Consent Decree Duration Completion Milestone	0		27-Jul-20*	0%	0
Project Procurement		127	12-Dec-12 A	18-Apr-13 A	100%	113
OK1090	CD Prequalification Procurement (FY 2012 - 2013) Priority II - Development and Issuance of RFP	66	12-Dec-12 A	15-Feb-13 A	100%	66
OK1100	Consultant develops and Submit Scope and Cost proposal	14	16-Feb-13 A	01-Mar-13 A	100%	14
OK1110	PMO Reviews/ Negotiates and Approve Proposal / Agreement	13	02-Mar-13 A	15-Mar-13 A	100%	13
OK1120	PMO Approved Agreement to Council for Approval	6	16-Mar-13 A	22-Mar-13 A	100%	6
OK1130	Consultant Signed Agreement to City for Execution	26	23-Mar-13 A	18-Apr-13 A	100%	26
Planning Phase		564	19-Apr-13 A	04-Nov-14 A	100%	564
OK1000	Planning Phase	564	19-Apr-13 A	04-Nov-14 A	100%	564
OK1060	SRF Facility Plan Approval	186	24-Oct-13 A	28-Apr-14 A	100%	186
Engineering Phase		357	05-Nov-14 A	28-Oct-15 A	100%	357
OK1010	Engineering	357	05-Nov-14 A	28-Oct-15 A	100%	357
OK1020	SRF Approval of Contract Documents	20	08-Oct-15 A	28-Oct-15 A	100%	20

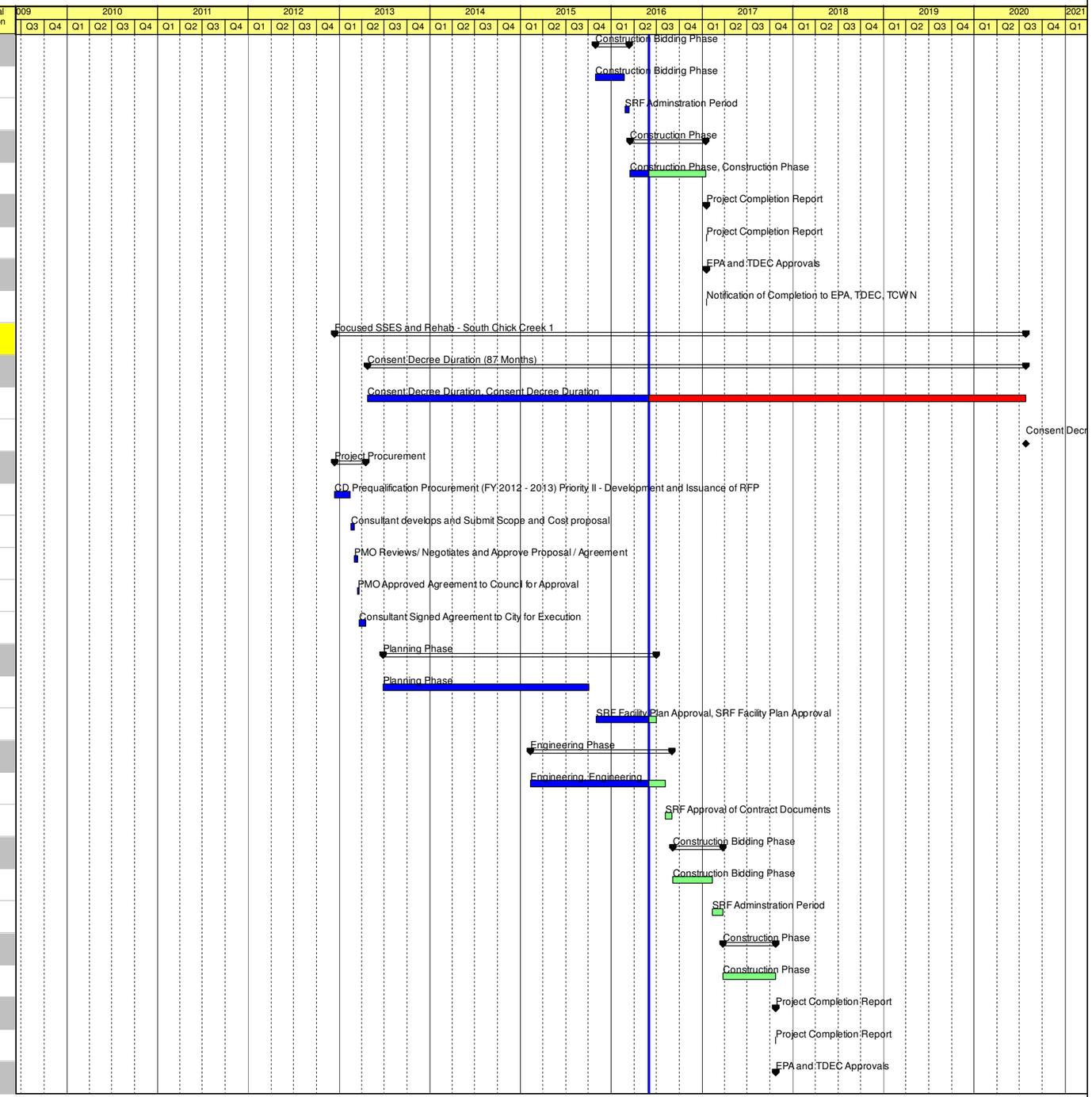


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS®

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
Construction Bidding Phase		138	29-Oct-15 A	14-Mar-16 A	100%	172
OK1070	Construction Bidding Phase	118	29-Oct-15 A	23-Feb-16 A	100%	118
OK2000	SRF Adminstration Period	20	24-Feb-16 A	14-Mar-16 A	100%	20
Construction Phase		308	15-Mar-16 A	16-Jan-17	25%	308
OK1080	Construction Phase	308	15-Mar-16 A	16-Jan-17	25%	308
Project Completion Report		0	17-Jan-17	17-Jan-17	0%	0
OI2100	Project Completion Report	0	17-Jan-17	17-Jan-17	0%	0
EPA and TDEC Approvals		0	17-Jan-17	17-Jan-17	0%	0
OK1030	Notification of Completion to EPA, TDEC, TCWN	0	17-Jan-17	17-Jan-17	0%	0
Focused SSES and Rehab - South Chick Creek 1		2785	12-Dec-12 A	27-Jul-20	45.46%	2785
Consent Decree Duration (87 Months)		2652	24-Apr-13 A	27-Jul-20	42.72%	2652
OL1040	Consent Decree Duration	2652	24-Apr-13 A	27-Jul-20	42.72%	2652
OL1050	Consent Decree Duration Completion Milestone	0		27-Jul-20*	0%	0
Project Procurement		128	12-Dec-12 A	18-Apr-13 A	100%	128
OL1090	CD Prequalification Procurement (FY 2012 - 2013) Priority II - Development and Issuance of RFP	66	12-Dec-12 A	15-Feb-13 A	100%	66
OL1100	Consultant develops and Submit Scope and Cost proposal	14	16-Feb-13 A	01-Mar-13 A	100%	14
OL1110	PMO Reviews/ Negotiates and Approve Proposal / Agreement	14	02-Mar-13 A	15-Mar-13 A	100%	14
OL1120	PMO Approved Agreement to Council for Approval	7	16-Mar-13 A	22-Mar-13 A	100%	7
OL1130	Consultant Signed Agreement to City for Execution	27	23-Mar-13 A	18-Apr-13 A	100%	27
Planning Phase		1101	26-Jun-13 A	30-Jun-16	97.04%	1048
OL1000	Planning Phase	828	26-Jun-13 A	01-Oct-15 A	100%	828
OL1060	SRF Facility Plan Approval	244	31-Oct-15 A	30-Jun-16	0%	31
Engineering Phase		570	11-Feb-15 A	02-Sep-16	81.66%	518
OL1010	Engineering	541	11-Feb-15 A	04-Aug-16	85.71%	462
OL1020	SRF Approval of Contract Documents	29	05-Aug-16	02-Sep-16	0%	29
Construction Bidding Phase		203	03-Sep-16	24-Mar-17	0%	203
OL1070	Construction Bidding Phase	161	03-Sep-16	10-Feb-17	0%	161
OL1075	SRF Adminstration Period	42	11-Feb-17	24-Mar-17	0%	42
Construction Phase		213	25-Mar-17	23-Oct-17	0%	213
OL1080	Construction Phase	213	25-Mar-17*	23-Oct-17	0%	213
Project Completion Report		0	24-Oct-17	24-Oct-17	0%	0
OI2110	Project Completion Report	0	24-Oct-17	24-Oct-17	0%	0
EPA and TDEC Approvals		0	24-Oct-17	24-Oct-17	0%	0

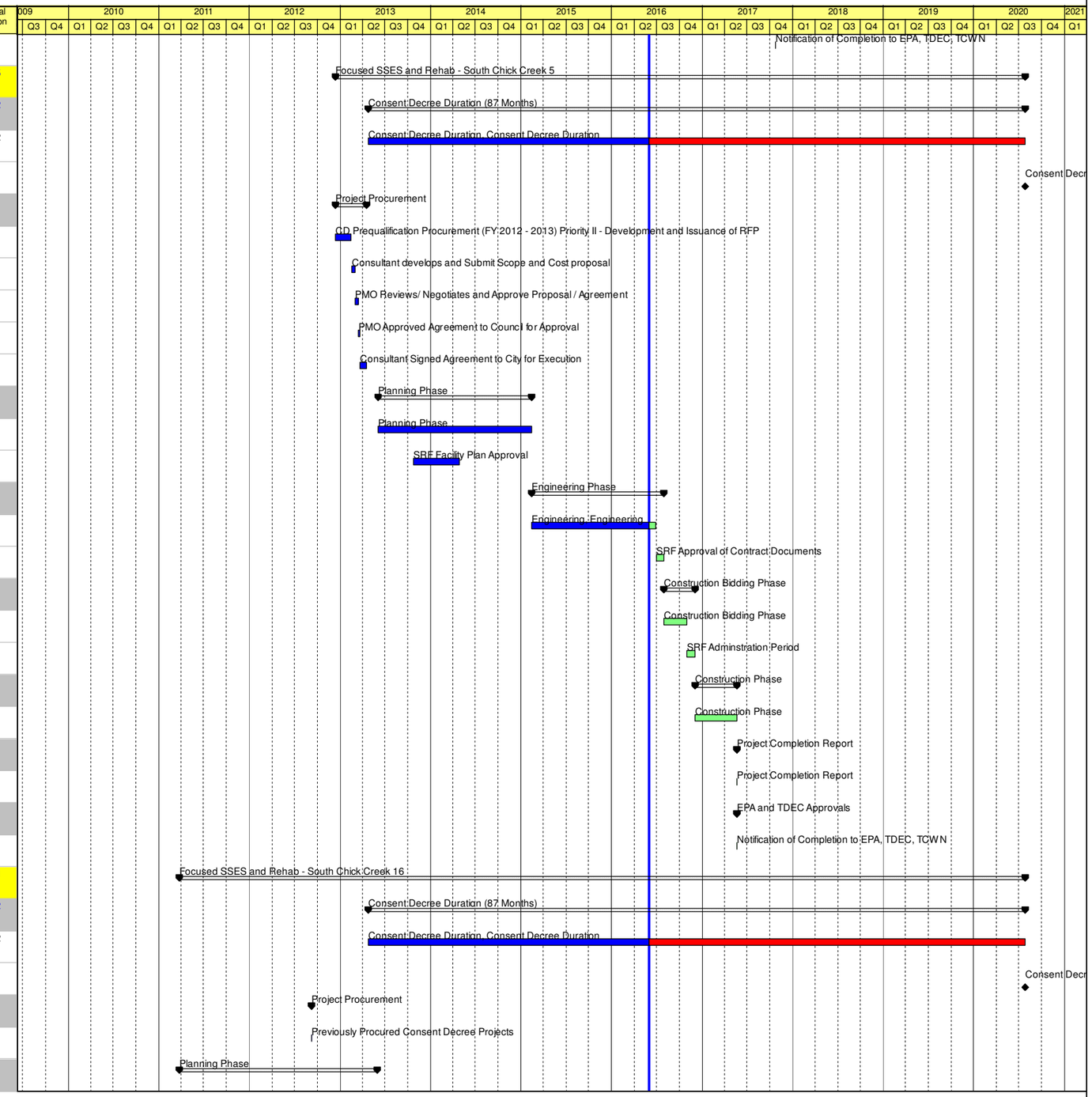


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS®

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
OL1030	Notification of Completion to EPA, TDEC, TCWN	0	24-Oct-17	24-Oct-17	0%	0
Focused SSES and Rehab - South Chick Creek 5		2785	12-Dec-12 A	27-Jul-20	45.46%	2785
Consent Decree Duration (87 Months)		2652	24-Apr-13 A	27-Jul-20	42.72%	2652
OM1040	Consent Decree Duration	2652	24-Apr-13 A	27-Jul-20	42.72%	2652
OM1050	Consent Decree Duration Completion Milestone	0		27-Jul-20*	0%	0
Project Procurement		128	12-Dec-12 A	18-Apr-13 A	100%	128
OM1090	CD Prequalification Procurement (FY 2012 - 2013) Priority II - Development and Issuance of RFP	66	12-Dec-12 A	15-Feb-13 A	100%	66
OM1100	Consultant develops and Submit Scope and Cost proposal	14	16-Feb-13 A	01-Mar-13 A	100%	14
OM1110	PMO Reviews/ Negotiates and Approve Proposal / Agreement	14	02-Mar-13 A	15-Mar-13 A	100%	14
OM1120	PMO Approved Agreement to Council for Approval	7	16-Mar-13 A	22-Mar-13 A	100%	7
OM1130	Consultant Signed Agreement to City for Execution	27	23-Mar-13 A	18-Apr-13 A	100%	27
Planning Phase		620	03-Jun-13 A	13-Feb-15 A	100%	620
OM1000	Planning Phase	620	03-Jun-13 A	13-Feb-15 A	100%	620
OM1060	SRF Facility Plan Approval	186	24-Oct-13 A	28-Apr-14 A	100%	186
Engineering Phase		533	13-Feb-15 A	29-Jul-16	87.34%	474
OM1010	Engineering	502	13-Feb-15 A	28-Jun-16	93.58%	452
OM1020	SRF Approval of Contract Documents	31	29-Jun-16	29-Jul-16	0%	31
Construction Bidding Phase		126	30-Jul-16	02-Dec-16	0%	126
OM1070	Construction Bidding Phase	93	30-Jul-16	30-Oct-16	0%	93
OM1075	SRF Adminstration Period	33	31-Oct-16	02-Dec-16	0%	33
Construction Phase		168	03-Dec-16	19-May-17	0%	168
OM1080	Construction Phase	168	03-Dec-16	19-May-17	0%	168
Project Completion Report		0	20-May-17	20-May-17	0%	0
OI2120	Project Completion Report	0	20-May-17	20-May-17	0%	0
EPA and TDEC Approvals		0	20-May-17	20-May-17	0%	0
OM1030	Notification of Completion to EPA, TDEC, TCWN	0	20-May-17	20-May-17	0%	0
Focused SSES and Rehab - South Chick Creek 16		3413	25-Mar-11 A	27-Jul-20	48.87%	2971
Consent Decree Duration (87 Months)		2652	24-Apr-13 A	27-Jul-20	44.6%	2742
ON1040	Consent Decree Duration	2652	24-Apr-13 A	27-Jul-20	44.6%	2742
ON1050	Consent Decree Duration Completion Milestone	0		27-Jul-20*	0%	0
Project Procurement		1	07-Sep-12 A	07-Sep-12 A	100%	1
ON1090	Previously Procured Consent Decree Projects	1	07-Sep-12 A	07-Sep-12 A	100%	1
Planning Phase		797	25-Mar-11 A	30-May-13 A	100%	798

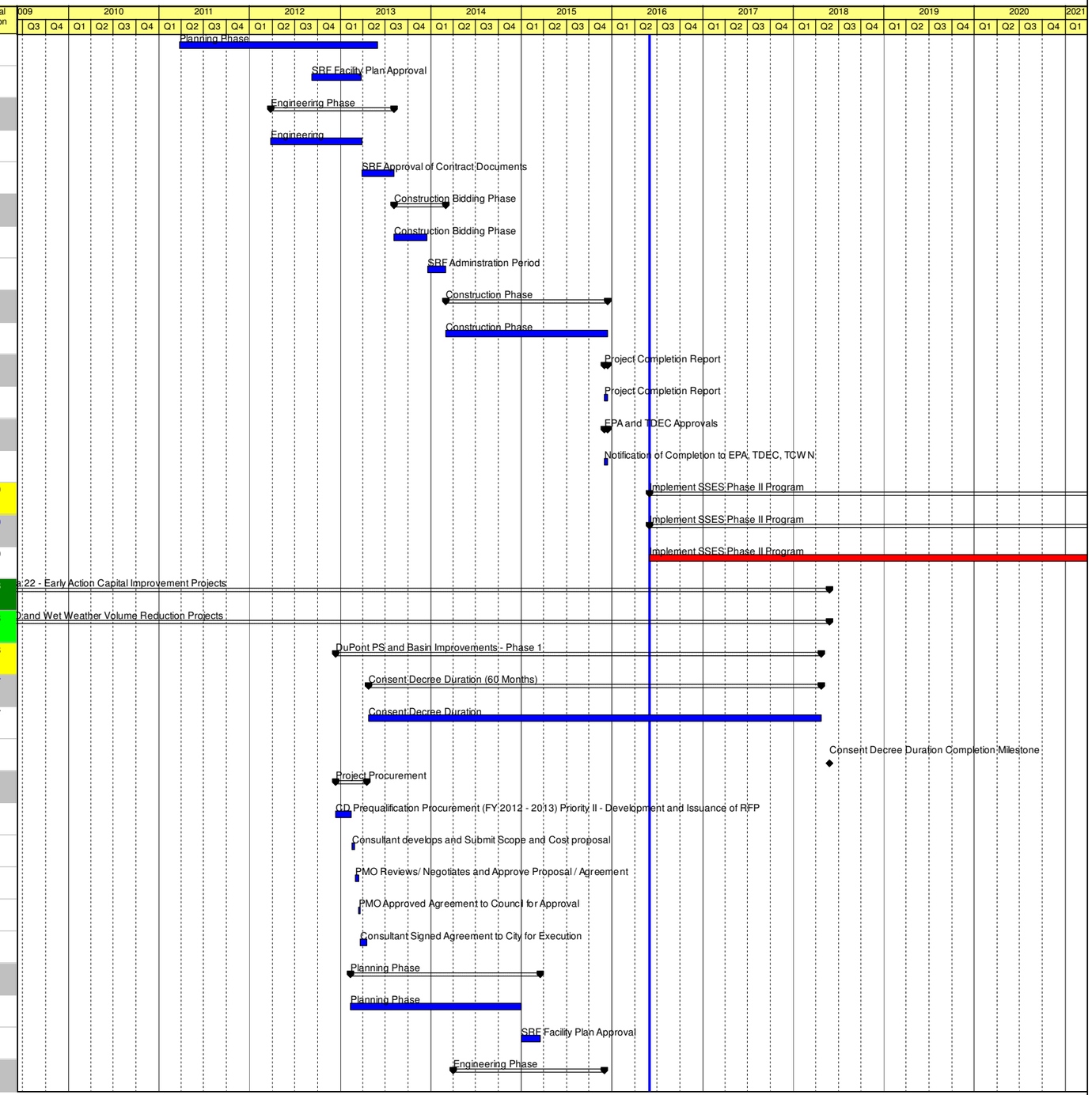


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS®

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
ON1000	Planning Phase	797	25-Mar-11 A	30-May-13 A	100%	797
ON1060	SRF Facility Plan Approval	201	07-Sep-12 A	26-Mar-13 A	100%	201
Engineering Phase		497	27-Mar-12 A	06-Aug-13 A	100%	368
ON1010	Engineering	368	27-Mar-12 A	29-Mar-13 A	100%	368
ON1020	SRF Approval of Contract Documents	129	30-Mar-13 A	06-Aug-13 A	100%	129
Construction Bidding Phase		207	07-Aug-13 A	02-Mar-14 A	100%	132
ON1070	Construction Bidding Phase	132	07-Aug-13 A	17-Dec-13 A	100%	132
ON1075	SRF Adminstration Period	74	18-Dec-13 A	02-Mar-14 A	100%	74
Construction Phase		652	03-Mar-14 A	15-Dec-15 A	100%	652
ON1080	Construction Phase	652	03-Mar-14 A	15-Dec-15 A	100%	652
Project Completion Report		15	30-Nov-15 A	15-Dec-15 A	100%	15
OI2130	Project Completion Report	15	30-Nov-15 A	15-Dec-15 A	100%	15
EPA and TDEC Approvals		15	30-Nov-15 A	15-Dec-15 A	100%	15
ON1030	Notification of Completion to EPA, TDEC, TCWN	15	30-Nov-15 A	15-Dec-15 A	100%	15
Implement SSES Phase II Program		5480	31-May-16	01-Jun-31	0%	5480
Implement SSES Phase II Program		5480	31-May-16	01-Jun-31	0%	5480
A1000	Implement SSES Phase II Program	5480	31-May-16	01-Jun-31	0%	5480
Para 22 - Early Action Capital Improvement Projects		3331	01-Apr-09 A	25-May-18	67.16%	2208
SSO and Wet Weather Volume Reduction Projects		3331	01-Apr-09 A	25-May-18	67.16%	2208
DuPont PS and Basin Improvements - Phase 1		1960	12-Dec-12 A	25-Apr-18	83.19%	2058
Consent Decree Duration (60 Months)		1827	24-Apr-13 A	25-Apr-18 A	100%	1827
AN1040	Consent Decree Duration	1827	24-Apr-13 A	25-Apr-18 A	100%	1827
AN1050	Consent Decree Duration Completion Milestone	0		25-Apr-18 A	100%	0
Project Procurement		127	12-Dec-12 A	18-Apr-13 A	100%	113
AN1090	CD Prequalification Procurement (FY 2012 - 2013) Priority II - Development and Issuance of RFP	66	12-Dec-12 A	15-Feb-13 A	100%	66
AN1100	Consultant develops and Submit Scope and Cost proposal	13	16-Feb-13 A	01-Mar-13 A	100%	13
AN1110	PMO Reviews/ Negotiates and Approve Proposal / Agreement	13	02-Mar-13 A	15-Mar-13 A	100%	13
AN1120	PMO Approved Agreement to Council for Approval	6	16-Mar-13 A	22-Mar-13 A	100%	6
AN1130	Consultant Signed Agreement to City for Execution	26	23-Mar-13 A	18-Apr-13 A	100%	26
Planning Phase		765	10-Feb-13 A	16-Mar-15 A	100%	697
AN1000	Planning Phase	690	10-Feb-13 A	01-Jan-15 A	100%	690
AN1060	SRF Facility Plan Approval	74	02-Jan-15 A	16-Mar-15 A	100%	74
Engineering Phase		609	02-Apr-14 A	02-Dec-15 A	100%	592

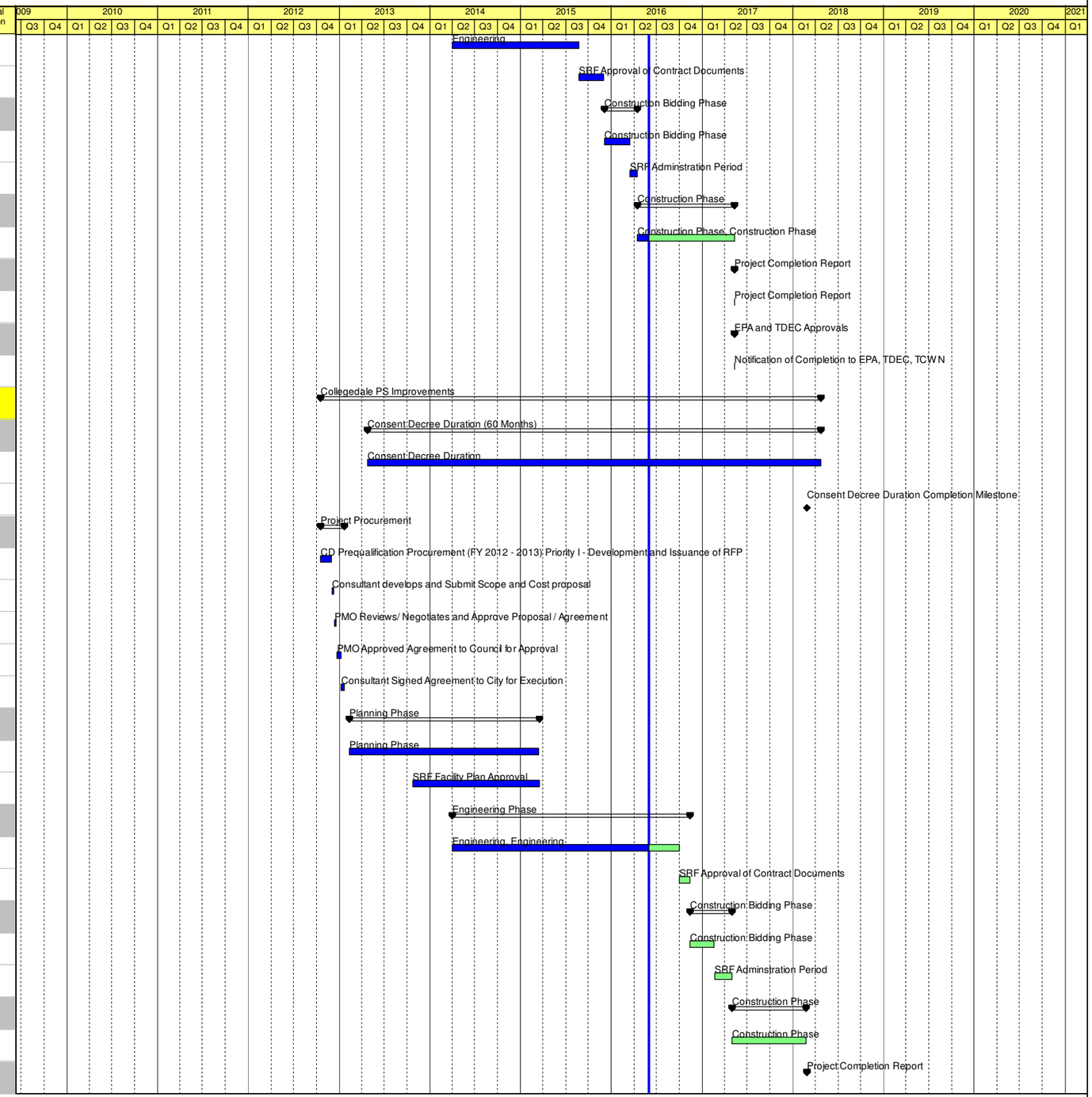


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS®

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
AN1010	Engineering	508	02-Apr-14 A	23-Aug-15 A	100%	508
AN1020	SRF Approval of Contract Documents	100	24-Aug-15 A	02-Dec-15 A	100%	2
Construction Bidding Phase		133	03-Dec-15 A	14-Apr-16 A	100%	104
AN1070	Construction Bidding Phase	104	03-Dec-15 A	15-Mar-16 A	100%	104
AN1140	SRF Adminstration Period	29	16-Mar-16 A	14-Apr-16 A	100%	29
Construction Phase		392	15-Apr-16 A	11-May-17	12.85%	397
AN1080	Construction Phase	392	15-Apr-16 A	11-May-17	12.85%	397
Project Completion Report		0	12-May-17	12-May-17	0%	0
OI2300	Project Completion Report	0	12-May-17	12-May-17	0%	0
EPA and TDEC Approvals		0	12-May-17	12-May-17	0%	0
AN1030	Notification of Completion to EPA, TDEC, TCWN	0	12-May-17	12-May-17	0%	0
Collegedale PS Improvements		2015	18-Oct-12 A	25-Apr-18	68.49%	2015
Consent Decree Duration (60 Months)		1827	24-Apr-13 A	25-Apr-18	100%	1827
AC1040	Consent Decree Duration	1827	24-Apr-13 A	25-Apr-18 A	100%	1827
AC1050	Consent Decree Duration Completion Milestone	0		25-Feb-18*	0%	0
Project Procurement		97	18-Oct-12 A	22-Jan-13 A	100%	97
AC1090	CD Prequalification Procurement (FY 2012 - 2013) Priority I - Development and Issuance of RFP	45	18-Oct-12 A	01-Dec-12 A	100%	45
AC1100	Consultant develops and Submit Scope and Cost proposal	10	02-Dec-12 A	11-Dec-12 A	100%	10
AC1110	PMO Reviews/ Negotiates and Approve Proposal / Agreement	10	12-Dec-12 A	21-Dec-12 A	100%	10
AC1120	PMO Approved Agreement to Council for Approval	18	22-Dec-12 A	08-Jan-13 A	100%	18
AC1130	Consultant Signed Agreement to City for Execution	14	09-Jan-13 A	22-Jan-13 A	100%	14
Planning Phase		765	10-Feb-13 A	16-Mar-15 A	100%	790
AC1000	Planning Phase	764	10-Feb-13 A	16-Mar-15 A	100%	764
AC1060	SRF Facility Plan Approval	509	24-Oct-13 A	16-Mar-15 A	100%	509
Engineering Phase		956	02-Apr-14 A	12-Nov-16	81.2%	883
AC1010	Engineering	914	02-Apr-14 A	01-Oct-16	85.96%	883
AC1020	SRF Approval of Contract Documents	42	02-Oct-16	12-Nov-16	0%	42
Construction Bidding Phase		168	13-Nov-16	29-Apr-17	0%	168
AC1070	Construction Bidding Phase	98	13-Nov-16	18-Feb-17	0%	98
AC1140	SRF Adminstration Period	70	19-Feb-17	29-Apr-17	0%	70
Construction Phase		301	30-Apr-17	24-Feb-18	0%	301
AC1080	Construction Phase	301	30-Apr-17	24-Feb-18	0%	301
Project Completion Report		0	25-Feb-18	25-Feb-18	0%	0

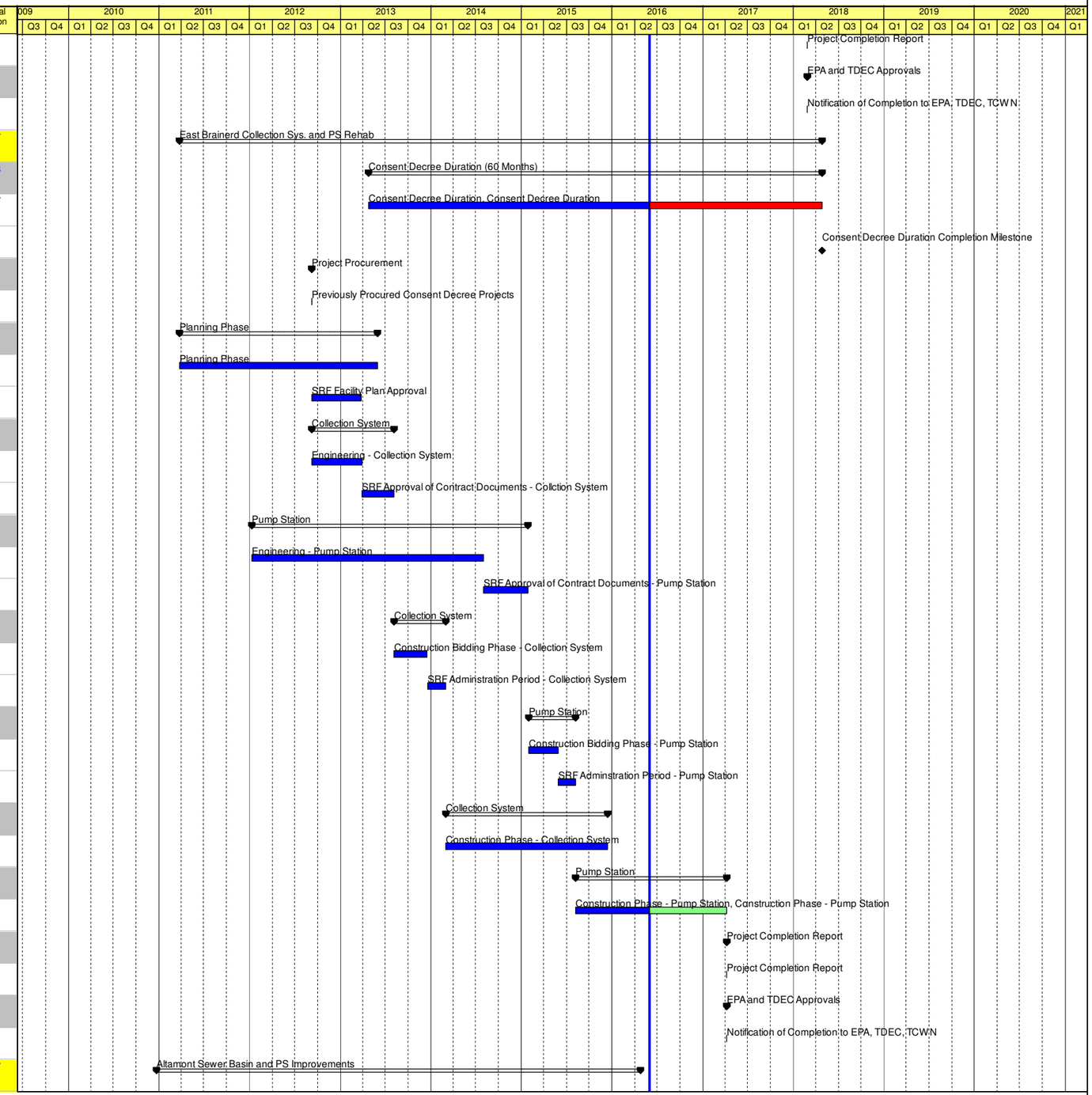


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS®

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
OI2290	Project Completion Report	0	25-Feb-18	25-Feb-18	0%	0
EPA and TDEC Approvals		0	25-Feb-18	25-Feb-18	0%	0
AC1030	Notification of Completion to EPA, TDEC, TCWN	0	25-Feb-18	25-Feb-18	0%	0
East Brainerd Collection Sys. and PS Rehab		2588	26-Mar-11 A	25-Apr-18	66.21%	2057
Consent Decree Duration (60 Months)		1828	24-Apr-13 A	25-Apr-18	61.98%	1828
OX1040	Consent Decree Duration	1828	24-Apr-13 A	25-Apr-18	61.96%	1827
OX1050	Consent Decree Duration Completion Milestone	0		25-Apr-18*	0%	0
Project Procurement		0	07-Sep-12 A	07-Sep-12 A	0%	0
OX1090	Previously Procured Consent Decree Projects	0	07-Sep-12 A	07-Sep-12 A	100%	0
Planning Phase		796	26-Mar-11 A	30-May-13 A	100%	796
OX1000	Planning Phase	796	26-Mar-11 A	30-May-13 A	100%	796
OX1060	SRF Facility Plan Approval	201	07-Sep-12 A	26-Mar-13 A	100%	201
Collection System		333	07-Sep-12 A	06-Aug-13 A	100%	333
OX1015	Engineering - Collection System	203	07-Sep-12 A	29-Mar-13 A	100%	203
OX1100	SRF Approval of Contract Documents - Collction System	129	30-Mar-13 A	06-Aug-13 A	100%	129
Pump Station		1115	10-Jan-12 A	29-Jan-15 A	100%	934
OX1010	Engineering - Pump Station	934	10-Jan-12 A	01-Aug-14 A	100%	934
OX1020	SRF Approval of Contract Documents - Pump Station	180	02-Aug-14 A	29-Jan-15 A	100%	180
Collection System		207	07-Aug-13 A	02-Mar-14 A	100%	196
OX1075	Construction Bidding Phase - Collection System	132	07-Aug-13 A	17-Dec-13 A	100%	132
OX2020	SRF Adminstration Period - Collection System	74	18-Dec-13 A	02-Mar-14 A	100%	74
Pump Station		188	30-Jan-15 A	06-Aug-15 A	100%	188
OX1070	Construction Bidding Phase - Pump Station	119	30-Jan-15 A	29-May-15 A	100%	119
OX2000	SRF Adminstration Period - Pump Station	68	30-May-15 A	06-Aug-15 A	100%	68
Collection System		652	03-Mar-14 A	15-Dec-15 A	100%	652
OX2030	Construction Phase - Collection System	652	03-Mar-14 A	15-Dec-15 A	100%	652
Pump Station		610	07-Aug-15 A	07-Apr-17	45.64%	574
OX1080	Construction Phase - Pump Station	610	07-Aug-15 A	07-Apr-17	45.64%	574
Project Completion Report		0	08-Apr-17	08-Apr-17	0%	0
OI2240	Project Completion Report	0	08-Apr-17	08-Apr-17	0%	0
EPA and TDEC Approvals		0	08-Apr-17	08-Apr-17	0%	0
OX1030	Notification of Completion to EPA, TDEC, TCWN	0	08-Apr-17	08-Apr-17	0%	0
Altamont Sewer Basin and PS Improvements		1949	21-Dec-10 A	24-Apr-16 A	100%	1357

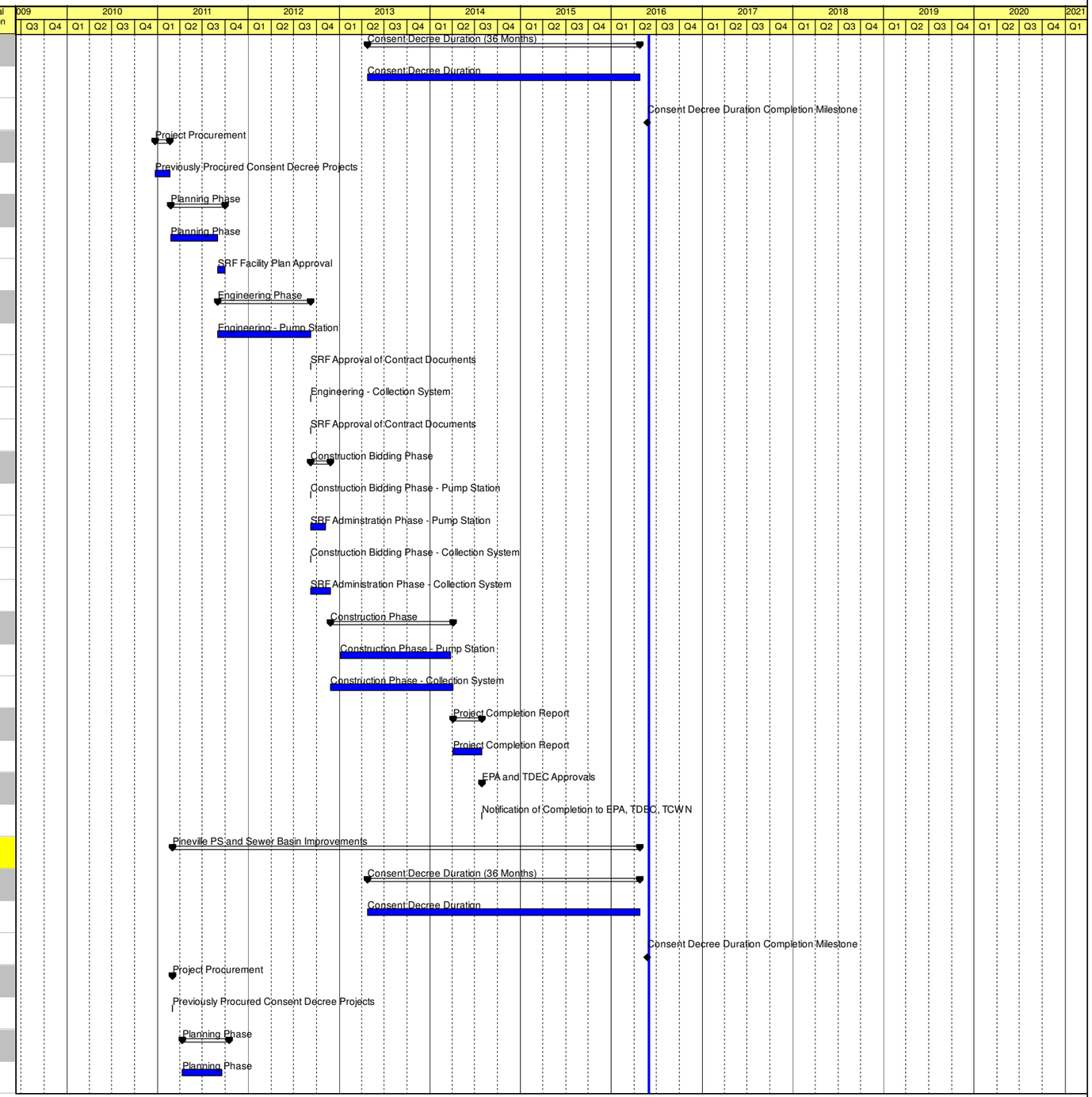


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS®

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
Consent Decree Duration (36 Months)		1096	24-Apr-13 A	24-Apr-16 A	100%	1128
OV1040	Consent Decree Duration	1096	24-Apr-13 A	24-Apr-16 A	100%	1128
OV1050	Consent Decree Duration Completion Milestone	0		24-Apr-16 A	100%	0
Project Procurement		61	21-Dec-10 A	21-Feb-11 A	100%	61
OV1090	Previously Procured Consent Decree Projects	61	21-Dec-10 A	21-Feb-11 A	100%	61
Planning Phase		221	22-Feb-11 A	01-Oct-11 A	100%	190
OV1000	Planning Phase	190	22-Feb-11 A	31-Aug-11 A	100%	190
OV1060	SRF Facility Plan Approval	30	01-Sep-11 A	01-Oct-11 A	100%	30
Engineering Phase		372	01-Sep-11 A	07-Sep-12 A	100%	372
OV1010	Engineering - Pump Station	372	01-Sep-11 A	07-Sep-12 A	100%	372
OV1020	SRF Approval of Contract Documents	0	07-Sep-12 A	07-Sep-12 A	100%	0
OV1200	Engineering - Collection System	0	07-Sep-12 A	07-Sep-12 A	100%	0
OV1210	SRF Approval of Contract Documents	0	07-Sep-12 A	07-Sep-12 A	100%	0
Construction Bidding Phase		80	07-Sep-12 A	25-Nov-12 A	100%	80
OV1070	Construction Bidding Phase - Pump Station	0	07-Sep-12 A	07-Sep-12 A	100%	0
OV1220	SRF Adminstration Phase - Pump Station	60	07-Sep-12 A	05-Nov-12 A	100%	60
OV1230	Construction Bidding Phase - Collection System	0	07-Sep-12 A	07-Sep-12 A	100%	0
OV1240	SRF Administration Phase - Collection System	80	07-Sep-12 A	25-Nov-12 A	100%	80
Construction Phase		494	26-Nov-12 A	04-Apr-14 A	100%	494
OV1080	Construction Phase - Pump Station	444	07-Jan-13 A	27-Mar-14 A	100%	444
OV1250	Construction Phase - Collection System	494	26-Nov-12 A	04-Apr-14 A	100%	494
Project Completion Report		115	05-Apr-14 A	29-Jul-14 A	100%	115
OI2200	Project Completion Report	115	05-Apr-14 A	29-Jul-14 A	100%	115
EPA and TDEC Approvals		0	30-Jul-14 A	30-Jul-14 A	0%	0
OV1030	Notification of Completion to EPA, TDEC, TCWN	0	30-Jul-14 A	30-Jul-14 A	100%	0
Pineville PS and Sewer Basin Improvements		1881	01-Mar-11 A	24-Apr-16 A	100%	1357
Consent Decree Duration (36 Months)		1096	24-Apr-13 A	24-Apr-16 A	100%	1128
OZ1040	Consent Decree Duration	1096	24-Apr-13 A	24-Apr-16 A	100%	1128
OZ1050	Consent Decree Duration Completion Milestone	0		24-Apr-16 A	100%	0
Project Procurement		1	01-Mar-11 A	01-Mar-11 A	100%	1
OZ1090	Previously Procured Consent Decree Projects	1	01-Mar-11 A	01-Mar-11 A	100%	1
Planning Phase		189	11-Apr-11 A	17-Oct-11 A	100%	158
OZ1000	Planning Phase	158	11-Apr-11 A	16-Sep-11 A	100%	158

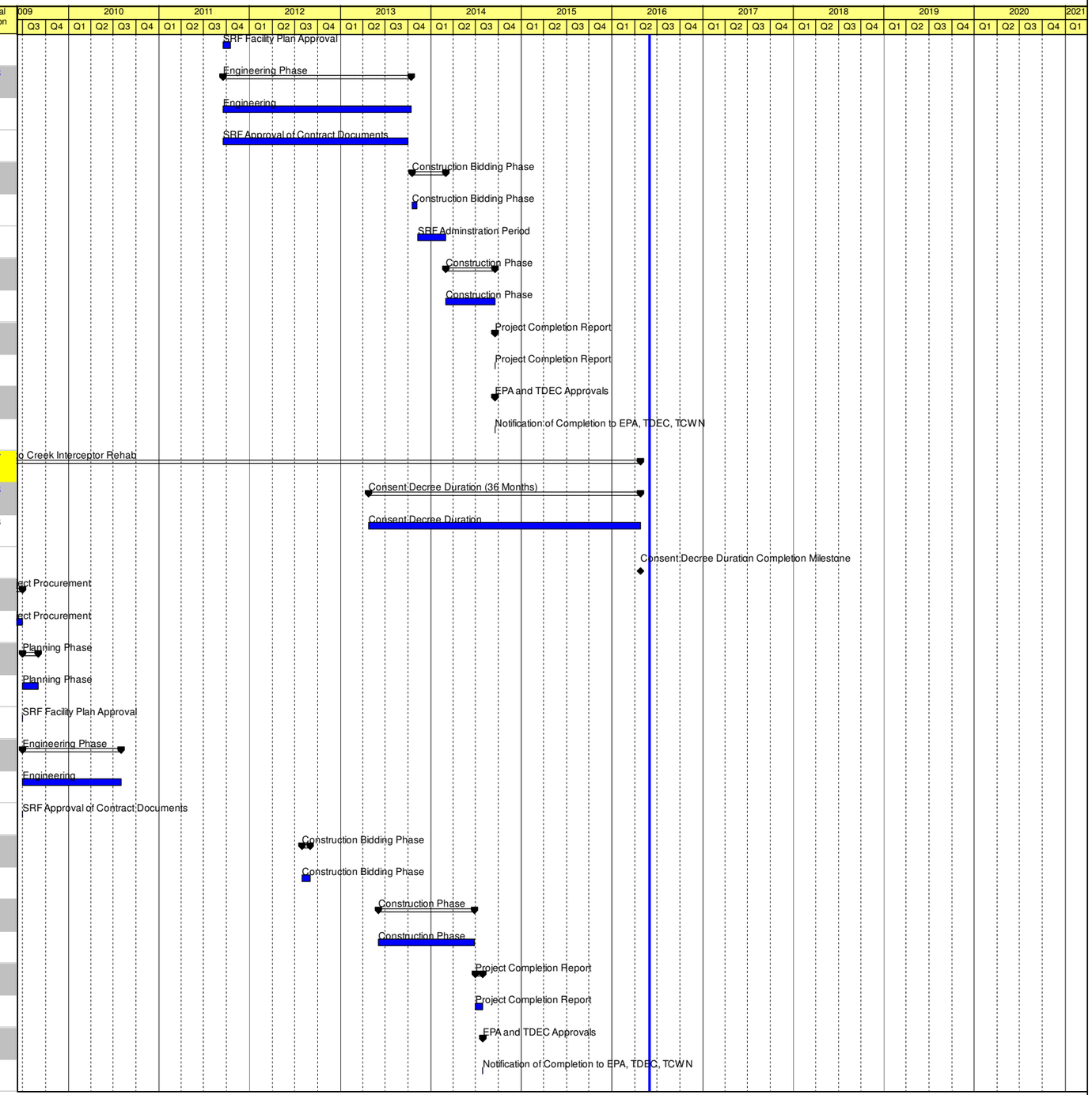


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS®

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
OZ1060	SRF Facility Plan Approval	31	16-Sep-11 A	17-Oct-11 A	100%	31
Engineering Phase		760	16-Sep-11 A	15-Oct-13 A	100%	1098
OZ1010	Engineering	760	16-Sep-11 A	15-Oct-13 A	100%	760
OZ1020	SRF Approval of Contract Documents	745	16-Sep-11 A	30-Sep-13 A	100%	745
Construction Bidding Phase		136	17-Oct-13 A	02-Mar-14 A	100%	143
OZ1070	Construction Bidding Phase	22	17-Oct-13 A	08-Nov-13 A	100%	22
OZ1100	SRF Adminstration Period	113	09-Nov-13 A	02-Mar-14 A	100%	113
Construction Phase		199	03-Mar-14 A	18-Sep-14 A	100%	199
OZ1080	Construction Phase	199	03-Mar-14 A	18-Sep-14 A	100%	199
Project Completion Report		0	18-Sep-14 A	18-Sep-14 A	0%	0
OI2250	Project Completion Report	0	18-Sep-14 A	18-Sep-14 A	100%	0
EPA and TDEC Approvals		0	18-Sep-14 A	18-Sep-14 A	0%	0
OZ1030	Notification of Completion to EPA, TDEC, TCWN	0	18-Sep-14 A	18-Sep-14 A	100%	0
Citico Creek Interceptor Rehab		2569	01-Apr-09 A	24-Apr-16 A	100%	1357
Consent Decree Duration (36 Months)		1096	24-Apr-13 A	24-Apr-16 A	100%	1128
OW1040	Consent Decree Duration	1096	24-Apr-13 A	24-Apr-16 A	100%	1128
OW1050	Consent Decree Duration Completion Milestone	0		24-Apr-16 A	100%	0
Project Procurement		90	01-Apr-09 A	29-Jun-09 A	100%	90
A4440	Project Procurement	90	01-Apr-09 A	29-Jun-09 A	100%	90
Planning Phase		63	30-Jun-09 A	01-Sep-09 A	100%	63
OW1000	Planning Phase	63	30-Jun-09 A	01-Sep-09 A	100%	63
OW1060	SRF Facility Plan Approval	0	30-Jun-09 A	30-Jun-09 A	100%	0
Engineering Phase		390	01-Jul-09 A	01-Aug-10 A	100%	390
OW1010	Engineering	390	01-Jul-09 A	01-Aug-10 A	100%	390
OW1020	SRF Approval of Contract Documents	0	01-Jul-09 A	01-Jul-09 A	100%	0
Construction Bidding Phase		31	01-Aug-12 A	01-Sep-12 A	100%	31
OW1070	Construction Bidding Phase	31	01-Aug-12 A	01-Sep-12 A	100%	31
Construction Phase		389	03-Jun-13 A	27-Jun-14 A	100%	389
OW1080	Construction Phase	389	03-Jun-13 A	27-Jun-14 A	100%	389
Project Completion Report		31	28-Jun-14 A	29-Jul-14 A	100%	31
OI2220	Project Completion Report	31	28-Jun-14 A	29-Jul-14 A	100%	31
EPA and TDEC Approvals		0	30-Jul-14 A	30-Jul-14 A	0%	0
OW1030	Notification of Completion to EPA, TDEC, TCWN	0	30-Jul-14 A	30-Jul-14 A	100%	0

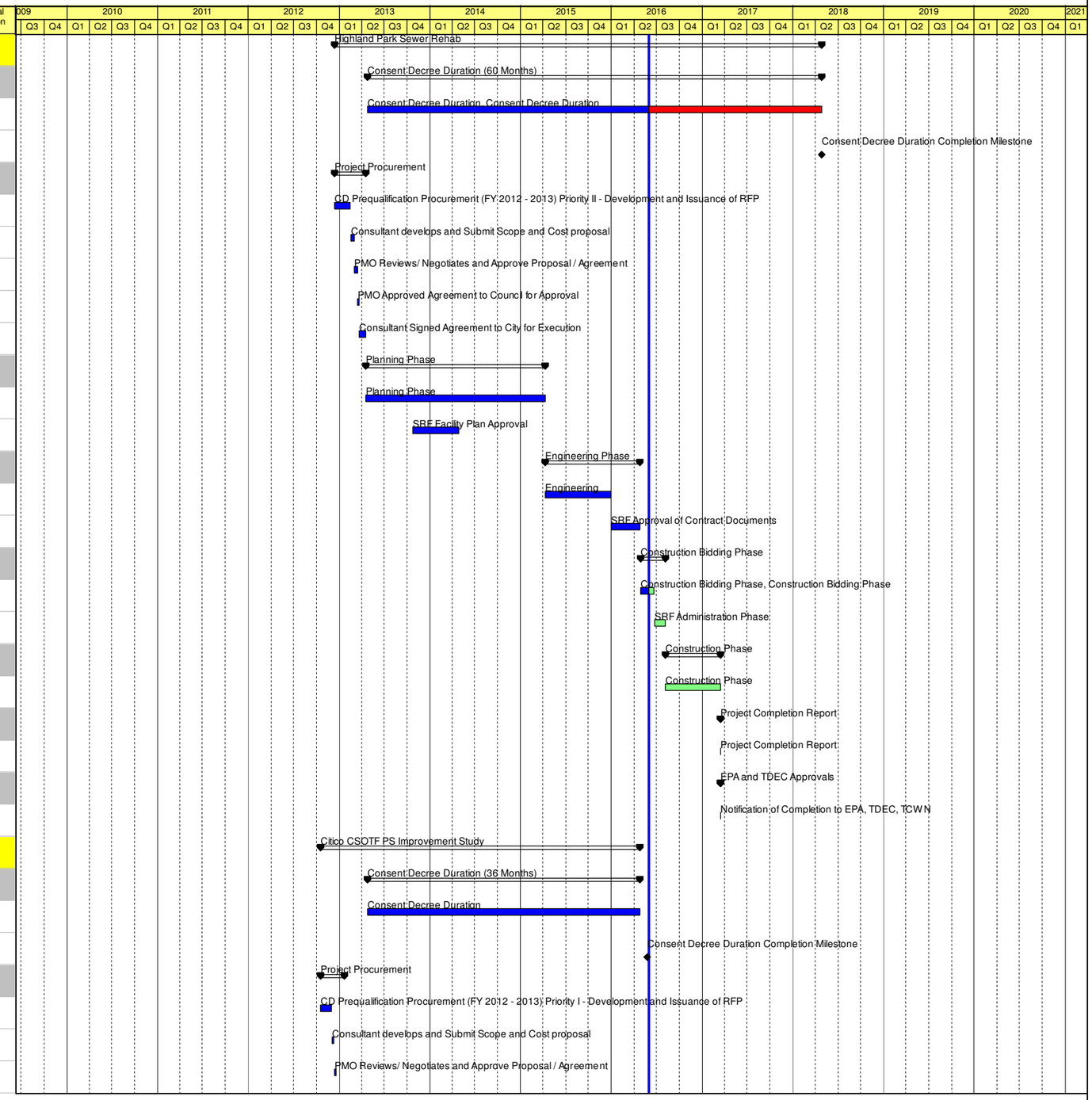


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS®

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
Highland Park Sewer Rehab		1961	12-Dec-12 A	25-Apr-18	64.56%	1961
Consent Decree Duration (60 Months)		1828	24-Apr-13 A	25-Apr-18	61.98%	1828
AD1040	Consent Decree Duration	1828	24-Apr-13 A	25-Apr-18	61.96%	1827
AD1050	Consent Decree Duration Completion Milestone	0		25-Apr-18*	0%	0
Project Procurement		128	12-Dec-12 A	18-Apr-13 A	100%	128
AD1090	CD Prequalification Procurement (FY 2012 - 2013) Priority II - Development and Issuance of RFP	66	12-Dec-12 A	15-Feb-13 A	100%	66
AD1100	Consultant develops and Submit Scope and Cost proposal	14	16-Feb-13 A	01-Mar-13 A	100%	14
AD1110	PMO Reviews/ Negotiates and Approve Proposal / Agreement	14	02-Mar-13 A	15-Mar-13 A	100%	14
AD1120	PMO Approved Agreement to Council for Approval	7	16-Mar-13 A	22-Mar-13 A	100%	7
AD1130	Consultant Signed Agreement to City for Execution	27	23-Mar-13 A	18-Apr-13 A	100%	27
Planning Phase		721	19-Apr-13 A	10-Apr-15 A	100%	721
AD1000	Planning Phase	721	19-Apr-13 A	10-Apr-15 A	100%	721
AD1060	SRF Facility Plan Approval	186	24-Oct-13 A	28-Apr-14 A	100%	186
Engineering Phase		382	10-Apr-15 A	26-Apr-16 A	100%	483
AD1010	Engineering	265	10-Apr-15 A	30-Dec-15 A	100%	265
AD1020	SRF Approval of Contract Documents	117	31-Dec-15 A	26-Apr-16 A	100%	117
Construction Bidding Phase		101	27-Apr-16 A	05-Aug-16	31.63%	98
AD1070	Construction Bidding Phase	56	27-Apr-16 A	21-Jun-16	31.25%	32
AD1140	SRF Administration Phase	45	22-Jun-16	05-Aug-16	0%	45
Construction Phase		221	06-Aug-16	14-Mar-17	0%	221
AD1080	Construction Phase	221	06-Aug-16	14-Mar-17	0%	221
Project Completion Report		0	15-Mar-17	15-Mar-17	0%	0
OI2350	Project Completion Report	0	15-Mar-17	15-Mar-17	0%	0
EPA and TDEC Approvals		0	15-Mar-17	15-Mar-17	0%	0
AD1030	Notification of Completion to EPA, TDEC, TCWN	0	15-Mar-17	15-Mar-17	0%	0
Citico CSOTF PS Improvement Study		1284	18-Oct-12 A	24-Apr-16 A	100%	1316
Consent Decree Duration (36 Months)		1096	24-Apr-13 A	24-Apr-16 A	100%	1128
AM1040	Consent Decree Duration	1096	24-Apr-13 A	24-Apr-16 A	100%	1128
AM1050	Consent Decree Duration Completion Milestone	0		24-Apr-16 A	100%	0
Project Procurement		97	18-Oct-12 A	22-Jan-13 A	100%	97
AM1090	CD Prequalification Procurement (FY 2012 - 2013) Priority I - Development and Issuance of RFP	45	18-Oct-12 A	01-Dec-12 A	100%	45
AM1100	Consultant develops and Submit Scope and Cost proposal	10	02-Dec-12 A	11-Dec-12 A	100%	10
AM1110	PMO Reviews/ Negotiates and Approve Proposal / Agreement	10	12-Dec-12 A	21-Dec-12 A	100%	10

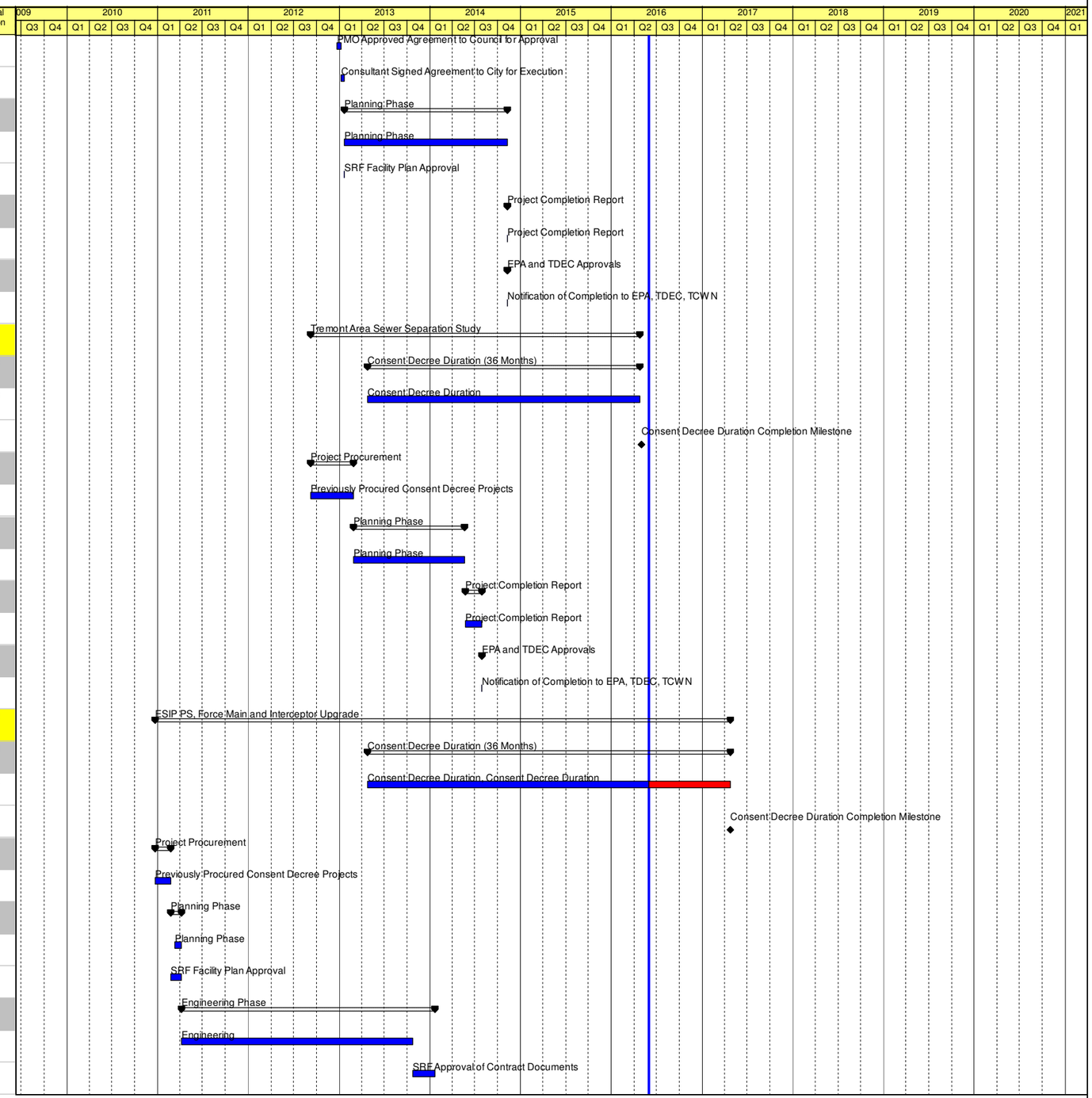


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS®

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
AM1120	PMO Approved Agreement to Council for Approval	18	22-Dec-12 A	08-Jan-13 A	100%	18
AM1130	Consultant Signed Agreement to City for Execution	14	09-Jan-13 A	22-Jan-13 A	100%	14
Planning Phase		656	23-Jan-13 A	10-Nov-14 A	100%	656
AM1000	Planning Phase	656	23-Jan-13 A	10-Nov-14 A	100%	656
AM1060	SRF Facility Plan Approval	0	23-Jan-13 A	23-Jan-13 A	100%	0
Project Completion Report		0	10-Nov-14 A	10-Nov-14 A	0%	0
OI2280	Project Completion Report	0	10-Nov-14 A	10-Nov-14 A	100%	0
EPA and TDEC Approvals		0	10-Nov-14 A	10-Nov-14 A	0%	0
AM1030	Notification of Completion to EPA, TDEC, TCWN	0	10-Nov-14 A	10-Nov-14 A	100%	0
Tremont Area Sewer Separation Study		1325	07-Sep-12 A	24-Apr-16 A	100%	1357
Consent Decree Duration (36 Months)		1096	24-Apr-13 A	24-Apr-16 A	100%	1128
OU1040	Consent Decree Duration	1096	24-Apr-13 A	24-Apr-16 A	100%	1128
OU1050	Consent Decree Duration Completion Milestone	0		24-Apr-16 A	100%	0
Project Procurement		175	07-Sep-12 A	28-Feb-13 A	100%	175
OU1090	Previously Procured Consent Decree Projects	175	07-Sep-12 A	28-Feb-13 A	100%	175
Planning Phase		447	01-Mar-13 A	22-May-14 A	100%	447
OU1000	Planning Phase	447	01-Mar-13 A	22-May-14 A	100%	447
Project Completion Report		67	23-May-14 A	29-Jul-14 A	100%	67
OI2190	Project Completion Report	67	23-May-14 A	29-Jul-14 A	100%	67
EPA and TDEC Approvals		0	30-Jul-14 A	30-Jul-14 A	0%	0
OU1030	Notification of Completion to EPA, TDEC, TCWN	0	30-Jul-14 A	30-Jul-14 A	100%	0
ESIP PS, Force Main and Interceptor Upgrade		2313	24-Dec-10 A	25-Apr-17	80.5%	1692
Consent Decree Duration (36 Months)		1463	24-Apr-13 A	25-Apr-17	77.44%	1463
OT1040	Consent Decree Duration	1463	24-Apr-13 A	25-Apr-17	77.43%	1462
OT1050	Consent Decree Duration Completion Milestone	0		25-Apr-17*	0%	0
Project Procurement		61	24-Dec-10 A	24-Feb-11 A	100%	61
OT1090	Previously Procured Consent Decree Projects	61	24-Dec-10 A	24-Feb-11 A	100%	61
Planning Phase		42	25-Feb-11 A	07-Apr-11 A	100%	42
OT1000	Planning Phase	27	11-Mar-11 A	07-Apr-11 A	100%	27
OT1060	SRF Facility Plan Approval	42	25-Feb-11 A	07-Apr-11 A	100%	42
Engineering Phase		1021	08-Apr-11 A	23-Jan-14 A	100%	929
OT1010	Engineering	929	08-Apr-11 A	23-Oct-13 A	100%	929
OT1020	SRF Approval of Contract Documents	91	24-Oct-13 A	23-Jan-14 A	100%	91

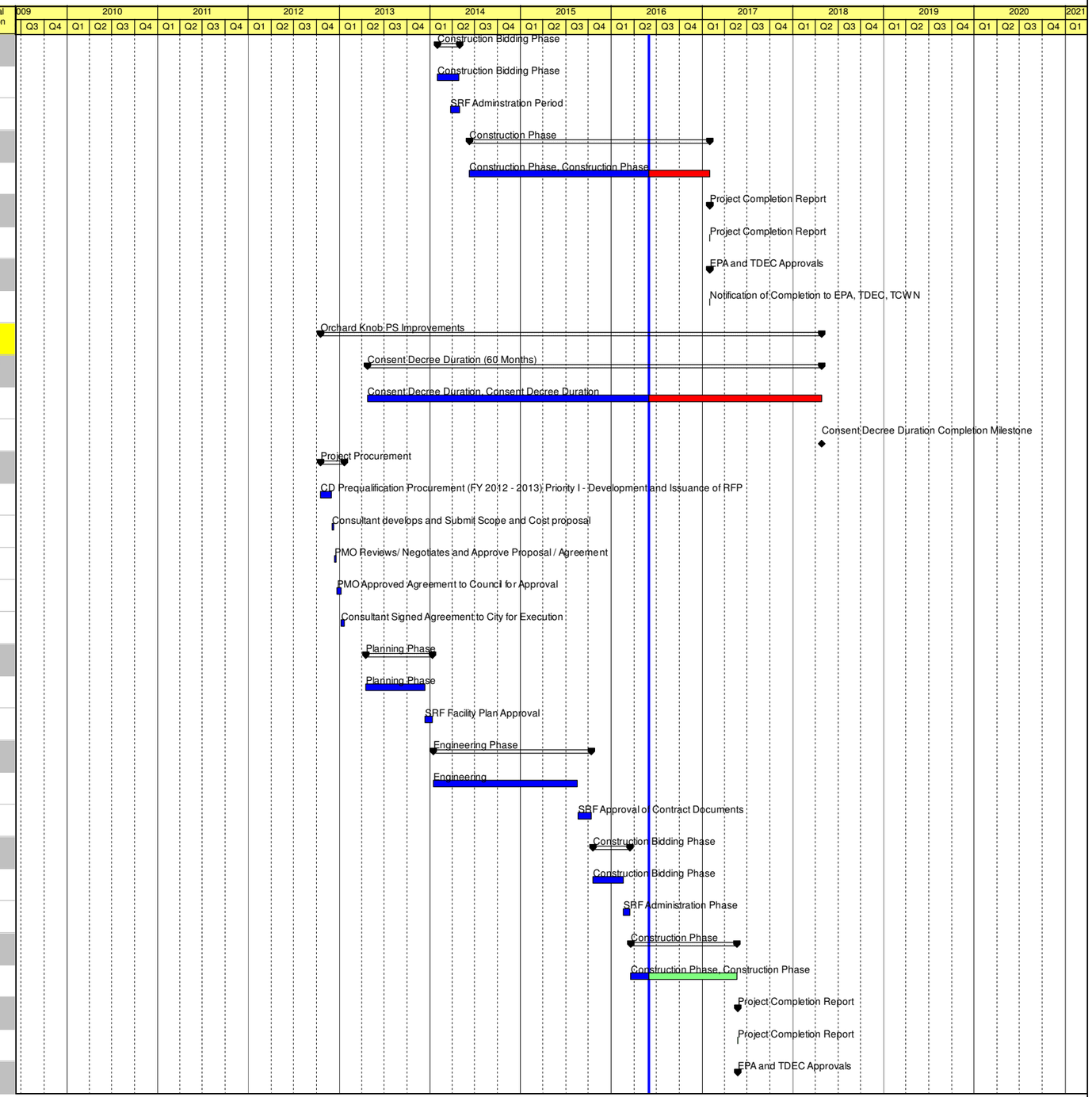


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS®

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
Construction Bidding Phase		90	30-Jan-14 A	29-Apr-14 A	100%	88
OT1070	Construction Bidding Phase	88	30-Jan-14 A	28-Apr-14 A	100%	88
OT1100	SRF Adminstration Period	36	25-Mar-14 A	29-Apr-14 A	100%	36
Construction Phase		968	09-Jun-14 A	31-Jan-17	73.75%	937
OT1080	Construction Phase	968	09-Jun-14 A	31-Jan-17	73.75%	937
Project Completion Report		0	01-Feb-17	01-Feb-17	0%	0
OI2180	Project Completion Report	0	01-Feb-17	01-Feb-17	0%	0
EPA and TDEC Approvals		0	01-Feb-17	01-Feb-17	0%	0
OT1030	Notification of Completion to EPA, TDEC, TCWN	0	01-Feb-17	01-Feb-17	0%	0
Orchard Knob PS Improvements		2016	18-Oct-12 A	25-Apr-18	65.53%	2016
Consent Decree Duration (60 Months)		1828	24-Apr-13 A	25-Apr-18	61.98%	1828
AG1040	Consent Decree Duration	1828	24-Apr-13 A	25-Apr-18	61.96%	1827
AG1050	Consent Decree Duration Completion Milestone	0		25-Apr-18*	0%	0
Project Procurement		97	18-Oct-12 A	22-Jan-13 A	100%	97
AG1090	CD Prequalification Procurement (FY 2012 - 2013) Priority I - Development and Issuance of RFP	45	18-Oct-12 A	01-Dec-12 A	100%	45
AG1100	Consultant develops and Submit Scope and Cost proposal	10	02-Dec-12 A	11-Dec-12 A	100%	10
AG1110	PMO Reviews/ Negotiates and Approve Proposal / Agreement	10	12-Dec-12 A	21-Dec-12 A	100%	10
AG1120	PMO Approved Agreement to Council for Approval	18	22-Dec-12 A	08-Jan-13 A	100%	18
AG1130	Consultant Signed Agreement to City for Execution	14	09-Jan-13 A	22-Jan-13 A	100%	14
Planning Phase		271	17-Apr-13 A	13-Jan-14 A	100%	305
AG1000	Planning Phase	239	17-Apr-13 A	12-Dec-13 A	100%	239
AG1060	SRF Facility Plan Approval	31	13-Dec-13 A	13-Jan-14 A	100%	31
Engineering Phase		636	14-Jan-14 A	12-Oct-15 A	100%	629
AG1010	Engineering	582	14-Jan-14 A	19-Aug-15 A	100%	582
AG1020	SRF Approval of Contract Documents	53	20-Aug-15 A	12-Oct-15 A	100%	53
Construction Bidding Phase		149	21-Oct-15 A	18-Mar-16 A	100%	197
AG1070	Construction Bidding Phase	122	21-Oct-15 A	19-Feb-16 A	100%	122
AG1140	SRF Administration Phase	27	20-Feb-16 A	18-Mar-16 A	100%	27
Construction Phase		430	19-Mar-16 A	22-May-17	16.98%	430
AG1080	Construction Phase	430	19-Mar-16 A	22-May-17	16.98%	430
Project Completion Report		0	23-May-17	23-May-17	0%	0
OI2320	Project Completion Report	0	23-May-17	23-May-17	0%	0
EPA and TDEC Approvals		0	23-May-17	23-May-17	0%	0

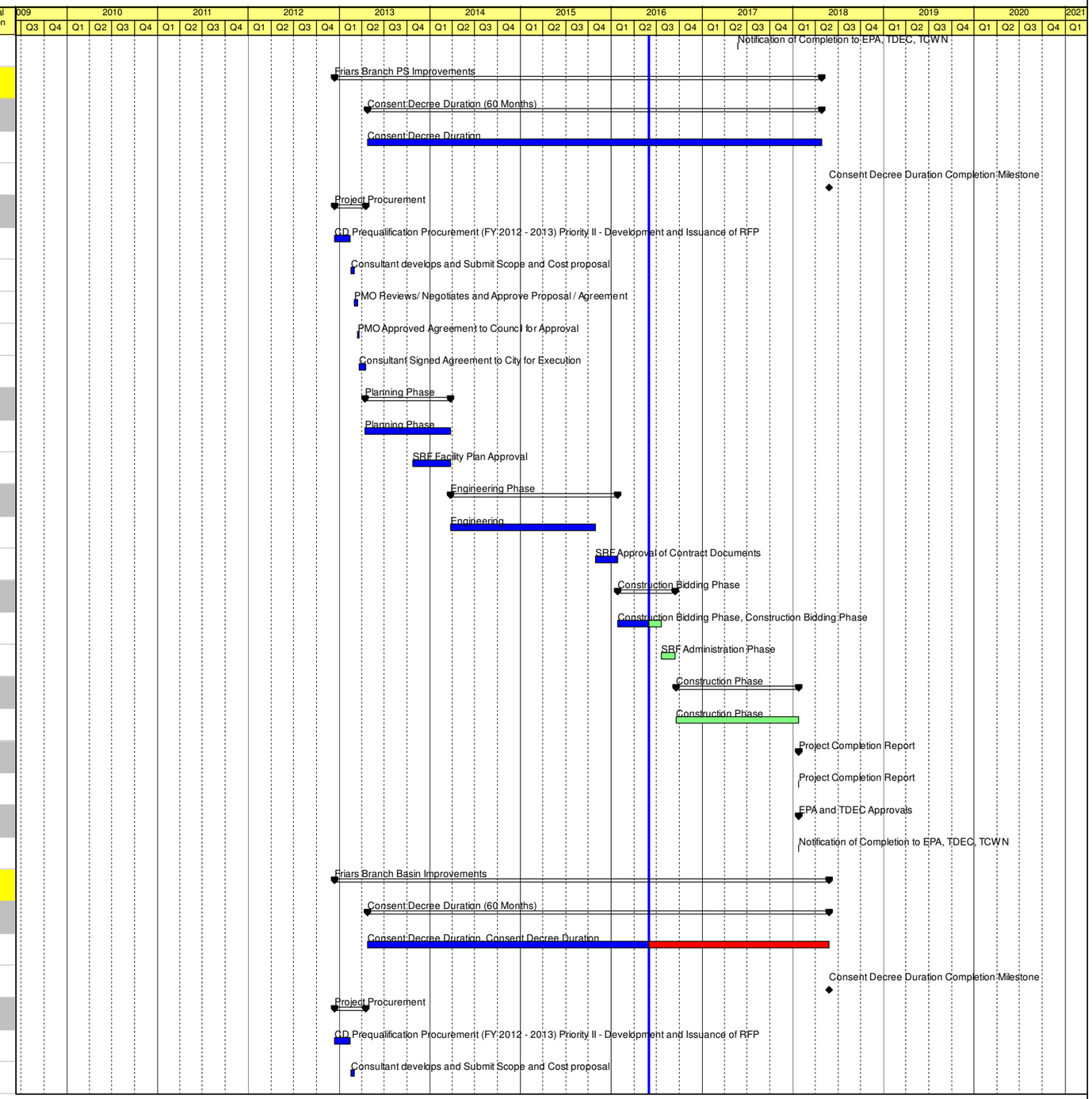


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS®

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
AG1030	Notification of Completion to EPA, TDEC, TCWN	0	23-May-17	23-May-17	0%	0
Friars Branch PS Improvements		1961	12-Dec-12 A	25-Apr-18	69.66%	1991
Consent Decree Duration (60 Months)		1828	24-Apr-13 A	25-Apr-18 A	100%	1858
AF1040	Consent Decree Duration	1828	24-Apr-13 A	25-Apr-18 A	100%	1827
AF1050	Consent Decree Duration Completion Milestone	0		25-Apr-18 A	100%	0
Project Procurement		128	12-Dec-12 A	18-Apr-13 A	100%	128
AF1090	CD Prequalification Procurement (FY 2012 - 2013) Priority II - Development and Issuance of RFP	66	12-Dec-12 A	15-Feb-13 A	100%	66
AF1100	Consultant develops and Submit Scope and Cost proposal	14	16-Feb-13 A	01-Mar-13 A	100%	14
AF1110	PMO Reviews/ Negotiates and Approve Proposal / Agreement	14	02-Mar-13 A	15-Mar-13 A	100%	14
AF1120	PMO Approved Agreement to Council for Approval	7	16-Mar-13 A	22-Mar-13 A	100%	7
AF1130	Consultant Signed Agreement to City for Execution	27	23-Mar-13 A	18-Apr-13 A	100%	27
Planning Phase		343	15-Apr-13 A	24-Mar-14 A	100%	343
AF1000	Planning Phase	343	15-Apr-13 A	24-Mar-14 A	100%	343
AF1060	SRF Facility Plan Approval	151	24-Oct-13 A	24-Mar-14 A	100%	151
Engineering Phase		674	25-Mar-14 A	27-Jan-16 A	100%	774
AF1010	Engineering	583	25-Mar-14 A	29-Oct-15 A	100%	583
AF1020	SRF Approval of Contract Documents	90	30-Oct-15 A	27-Jan-16 A	100%	90
Construction Bidding Phase		232	28-Jan-16 A	15-Sep-16	52.84%	229
AF1070	Construction Bidding Phase	175	28-Jan-16 A	20-Jul-16	67.52%	157
AF1140	SRF Administration Phase	57	21-Jul-16	15-Sep-16	0%	57
Construction Phase		496	16-Sep-16	24-Jan-18	0%	496
AF1080	Construction Phase	496	16-Sep-16	24-Jan-18	0%	496
Project Completion Report		0	25-Jan-18	25-Jan-18	0%	0
OI2330	Project Completion Report	0	25-Jan-18	25-Jan-18	0%	0
EPA and TDEC Approvals		0	25-Jan-18	25-Jan-18	0%	0
AF1030	Notification of Completion to EPA, TDEC, TCWN	0	25-Jan-18	25-Jan-18	0%	0
Friars Branch Basin Improvements		1991	12-Dec-12 A	25-May-18	63.59%	1991
Consent Decree Duration (60 Months)		1858	24-Apr-13 A	25-May-18	60.98%	1858
AE1040	Consent Decree Duration	1858	24-Apr-13 A	25-May-18	60.32%	1827
AE1050	Consent Decree Duration Completion Milestone	0		25-May-18*	0%	0
Project Procurement		128	12-Dec-12 A	18-Apr-13 A	100%	128
AE1090	CD Prequalification Procurement (FY 2012 - 2013) Priority II - Development and Issuance of RFP	66	12-Dec-12 A	15-Feb-13 A	100%	66
AE1100	Consultant develops and Submit Scope and Cost proposal	14	16-Feb-13 A	01-Mar-13 A	100%	14

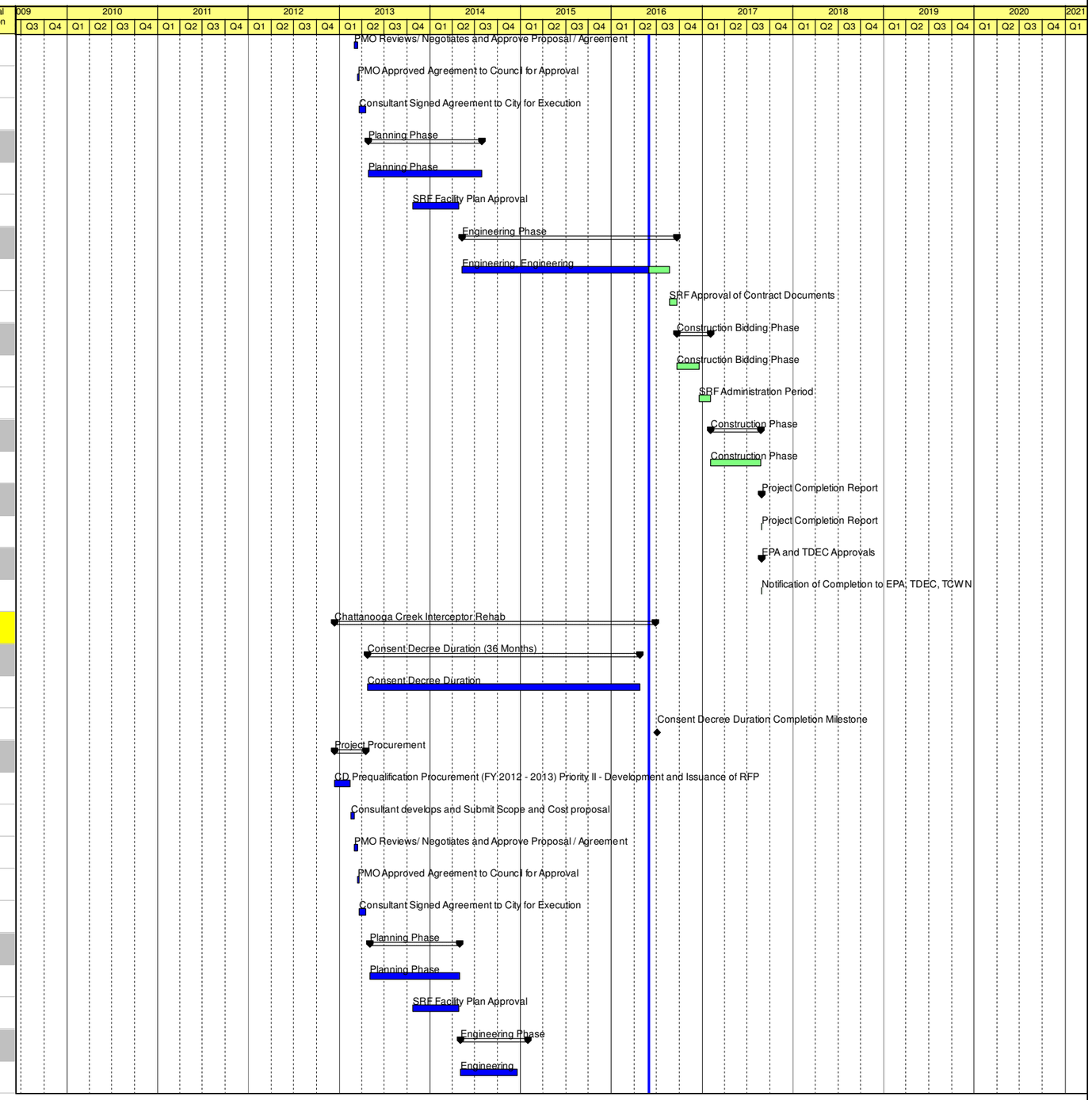


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS®

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
AE1110	PMO Reviews/ Negotiates and Approve Proposal / Agreement	14	02-Mar-13 A	15-Mar-13 A	100%	14
AE1120	PMO Approved Agreement to Council for Approval	7	16-Mar-13 A	22-Mar-13 A	100%	7
AE1130	Consultant Signed Agreement to City for Execution	27	23-Mar-13 A	18-Apr-13 A	100%	27
Planning Phase		457	29-Apr-13 A	30-Jul-14 A	100%	457
AE1000	Planning Phase	457	29-Apr-13 A	30-Jul-14 A	100%	457
AE1060	SRF Facility Plan Approval	186	24-Oct-13 A	28-Apr-14 A	100%	186
Engineering Phase		863	12-May-14 A	20-Sep-16	87.09%	875
AE1010	Engineering	833	12-May-14 A	21-Aug-16	89.3%	776
AE1020	SRF Approval of Contract Documents	30	22-Aug-16	20-Sep-16	0%	30
Construction Bidding Phase		135	21-Sep-16	02-Feb-17	0%	135
AE1070	Construction Bidding Phase	90	21-Sep-16	19-Dec-16	0%	90
AE1140	SRF Administration Period	45	20-Dec-16	02-Feb-17	0%	45
Construction Phase		205	03-Feb-17	26-Aug-17	0%	205
AE1080	Construction Phase	205	03-Feb-17	26-Aug-17	0%	205
Project Completion Report		0	27-Aug-17	27-Aug-17	0%	0
OI2340	Project Completion Report	0	27-Aug-17	27-Aug-17	0%	0
EPA and TDEC Approvals		0	27-Aug-17	27-Aug-17	0%	0
AE1030	Notification of Completion to EPA, TDEC, TCWN	0	27-Aug-17	27-Aug-17	0%	0
Chattanooga Creek Interceptor Rehab		1294	12-Dec-12 A	28-Jun-16	97.9%	1333
Consent Decree Duration (36 Months)		1096	24-Apr-13 A	24-Apr-16 A	100%	1167
AB1040	Consent Decree Duration	1096	24-Apr-13 A	24-Apr-16 A	100%	1097
AB1050	Consent Decree Duration Completion Milestone	0		24-Apr-16 A	100%	0
Project Procurement		128	12-Dec-12 A	18-Apr-13 A	100%	128
AB1090	CD Prequalification Procurement (FY 2012 - 2013) Priority II - Development and Issuance of RFP	66	12-Dec-12 A	15-Feb-13 A	100%	66
AB1100	Consultant develops and Submit Scope and Cost proposal	14	16-Feb-13 A	01-Mar-13 A	100%	14
AB1110	PMO Reviews/ Negotiates and Approve Proposal / Agreement	14	02-Mar-13 A	15-Mar-13 A	100%	14
AB1120	PMO Approved Agreement to Council for Approval	7	16-Mar-13 A	22-Mar-13 A	100%	7
AB1130	Consultant Signed Agreement to City for Execution	27	23-Mar-13 A	18-Apr-13 A	100%	27
Planning Phase		361	06-May-13 A	02-May-14 A	100%	381
AB1000	Planning Phase	361	06-May-13 A	02-May-14 A	100%	361
AB1060	SRF Facility Plan Approval	186	24-Oct-13 A	28-Apr-14 A	100%	186
Engineering Phase		270	05-May-14 A	30-Jan-15 A	100%	273
AB1010	Engineering	227	05-May-14 A	18-Dec-14 A	100%	227

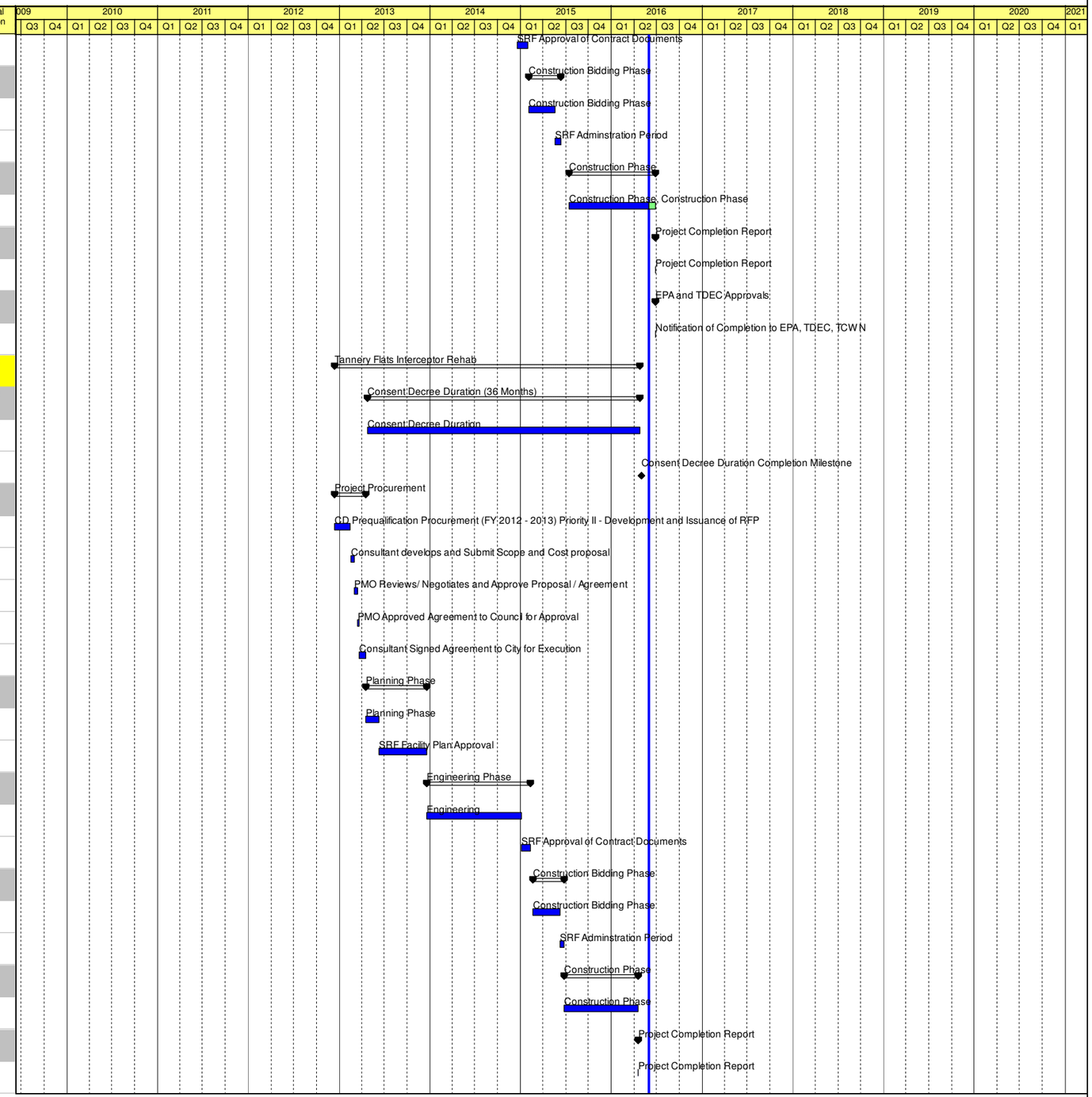


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS®

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
AB1020	SRF Approval of Contract Documents	42	19-Dec-14 A	30-Jan-15 A	100%	42
Construction Bidding Phase		129	02-Feb-15 A	11-Jun-15 A	100%	106
AB1070	Construction Bidding Phase	106	02-Feb-15 A	19-May-15 A	100%	106
AB1140	SRF Adminstration Period	22	20-May-15 A	11-Jun-15 A	100%	22
Construction Phase		350	14-Jul-15 A	27-Jun-16	92.13%	356
AB1080	Construction Phase	350	14-Jul-15 A	27-Jun-16	92.13%	356
Project Completion Report		0	28-Jun-16	28-Jun-16	0%	0
OI2270	Project Completion Report	0	28-Jun-16	28-Jun-16	0%	0
EPA and TDEC Approvals		0	28-Jun-16	28-Jun-16	0%	0
AB1030	Notification of Completion to EPA, TDEC, TCWN	0	28-Jun-16	28-Jun-16	0%	0
Tannery Flats Interceptor Rehab		1229	12-Dec-12 A	24-Apr-16 A	100%	1343
Consent Decree Duration (36 Months)		1096	24-Apr-13 A	24-Apr-16 A	100%	1102
AA1040	Consent Decree Duration	1096	24-Apr-13 A	24-Apr-16 A	100%	1097
AA1050	Consent Decree Duration Completion Milestone	0		24-Apr-16 A	100%	0
Project Procurement		128	12-Dec-12 A	18-Apr-13 A	100%	128
AA1090	CD Prequalification Procurement (FY 2012 - 2013) Priority II - Development and Issuance of RFP	66	12-Dec-12 A	15-Feb-13 A	100%	66
AA1100	Consultant develops and Submit Scope and Cost proposal	14	16-Feb-13 A	01-Mar-13 A	100%	14
AA1110	PMO Reviews/ Negotiates and Approve Proposal / Agreement	14	02-Mar-13 A	15-Mar-13 A	100%	14
AA1120	PMO Approved Agreement to Council for Approval	7	16-Mar-13 A	22-Mar-13 A	100%	7
AA1130	Consultant Signed Agreement to City for Execution	27	23-Mar-13 A	18-Apr-13 A	100%	27
Planning Phase		243	20-Apr-13 A	19-Dec-13 A	100%	386
AA1000	Planning Phase	51	20-Apr-13 A	10-Jun-13 A	100%	51
AA1060	SRF Facility Plan Approval	191	11-Jun-13 A	19-Dec-13 A	100%	191
Engineering Phase		417	20-Dec-13 A	10-Feb-15 A	100%	431
AA1010	Engineering	381	20-Dec-13 A	05-Jan-15 A	100%	381
AA1020	SRF Approval of Contract Documents	35	06-Jan-15 A	10-Feb-15 A	100%	35
Construction Bidding Phase		125	19-Feb-15 A	24-Jun-15 A	100%	146
AA1070	Construction Bidding Phase	109	19-Feb-15 A	08-Jun-15 A	100%	109
AA1140	SRF Adminstration Period	15	09-Jun-15 A	24-Jun-15 A	100%	15
Construction Phase		297	25-Jun-15 A	17-Apr-16 A	100%	373
AA1080	Construction Phase	297	25-Jun-15 A	17-Apr-16 A	100%	373
Project Completion Report		0	17-Apr-16 A	17-Apr-16 A	0%	0
OI2260	Project Completion Report	0	17-Apr-16 A	17-Apr-16 A	100%	0

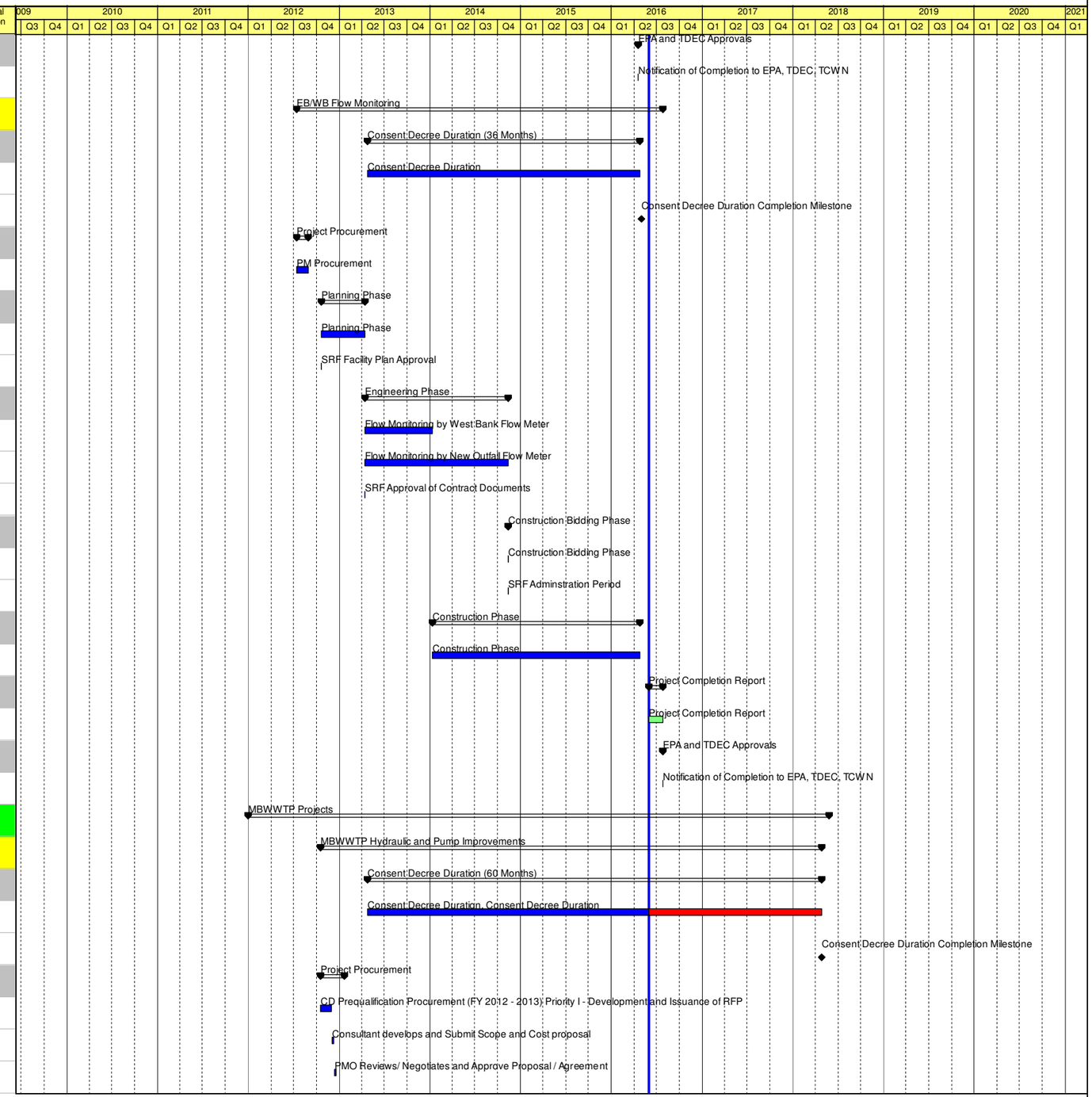


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS®

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
EPA and TDEC Approvals		0	17-Apr-16 A	17-Apr-16 A	0%	0
AA1030	Notification of Completion to EPA, TDEC, TCWN	0	17-Apr-16 A	17-Apr-16 A	100%	0
EB/WB Flow Monitoring		1473	15-Jul-12 A	27-Jul-16	96.13%	1473
Consent Decree Duration (36 Months)		1096	24-Apr-13 A	24-Apr-16 A	100%	1102
AC1450	Consent Decree Duration	1096	24-Apr-13 A	24-Apr-16 A	100%	1097
AC1460	Consent Decree Duration Completion Milestone	0		24-Apr-16 A	100%	0
Project Procurement		45	15-Jul-12 A	28-Aug-12 A	100%	45
AC1470	PM Procurement	45	15-Jul-12 A	28-Aug-12 A	100%	45
Planning Phase		177	20-Oct-12 A	15-Apr-13 A	100%	177
AC1520	Planning Phase	177	20-Oct-12 A	15-Apr-13 A	100%	177
AC1530	SRF Facility Plan Approval	0	20-Oct-12 A	20-Oct-12 A	100%	0
Engineering Phase		574	16-Apr-13 A	11-Nov-14 A	100%	890
AC1540	Flow Monitoring by West Bank Flow Meter	271	16-Apr-13 A	11-Jan-14 A	100%	271
AC1545	Flow Monitoring by New Outfall Flow Meter	574	16-Apr-13 A	11-Nov-14 A	100%	574
AC1550	SRF Approval of Contract Documents	0	16-Apr-13 A	16-Apr-13 A	100%	0
Construction Bidding Phase		0	11-Nov-14 A	11-Nov-14 A	0%	0
AC1560	Construction Bidding Phase	0	11-Nov-14 A	11-Nov-14 A	100%	0
AC1570	SRF Adminstration Period	0	11-Nov-14 A	11-Nov-14 A	100%	0
Construction Phase		833	12-Jan-14 A	24-Apr-16 A	0%	0
AC1580	Construction Phase	833	12-Jan-14 A	24-Apr-16 A	100%	0
Project Completion Report		57	31-May-16	26-Jul-16	0%	57
OI2440	Project Completion Report	57	31-May-16*	26-Jul-16	0%	57
EPA and TDEC Approvals		0	27-Jul-16	27-Jul-16	0%	0
AC1590	Notification of Completion to EPA, TDEC, TCWN	0	27-Jul-16	27-Jul-16	0%	0
MBWWTP Projects		2337	01-Jan-12 A	25-May-18	65.26%	2087
MBWWTP Hydraulic and Pump Improvements		2016	18-Oct-12 A	25-Apr-18	65.53%	2016
Consent Decree Duration (60 Months)		1828	24-Apr-13 A	25-Apr-18	61.98%	1828
AK1040	Consent Decree Duration	1828	24-Apr-13 A	25-Apr-18	61.96%	1827
AK1050	Consent Decree Duration Completion Milestone	0		25-Apr-18*	0%	0
Project Procurement		97	18-Oct-12 A	22-Jan-13 A	100%	97
AK1090	CD Prequalification Procurement (FY 2012 - 2013) Priority I - Development and Issuance of RFP	45	18-Oct-12 A	01-Dec-12 A	100%	45
AK1100	Consultant develops and Submit Scope and Cost proposal	10	02-Dec-12 A	11-Dec-12 A	100%	10
AK1110	PMO Reviews/ Negotiates and Approve Proposal / Agreement	10	12-Dec-12 A	21-Dec-12 A	100%	10

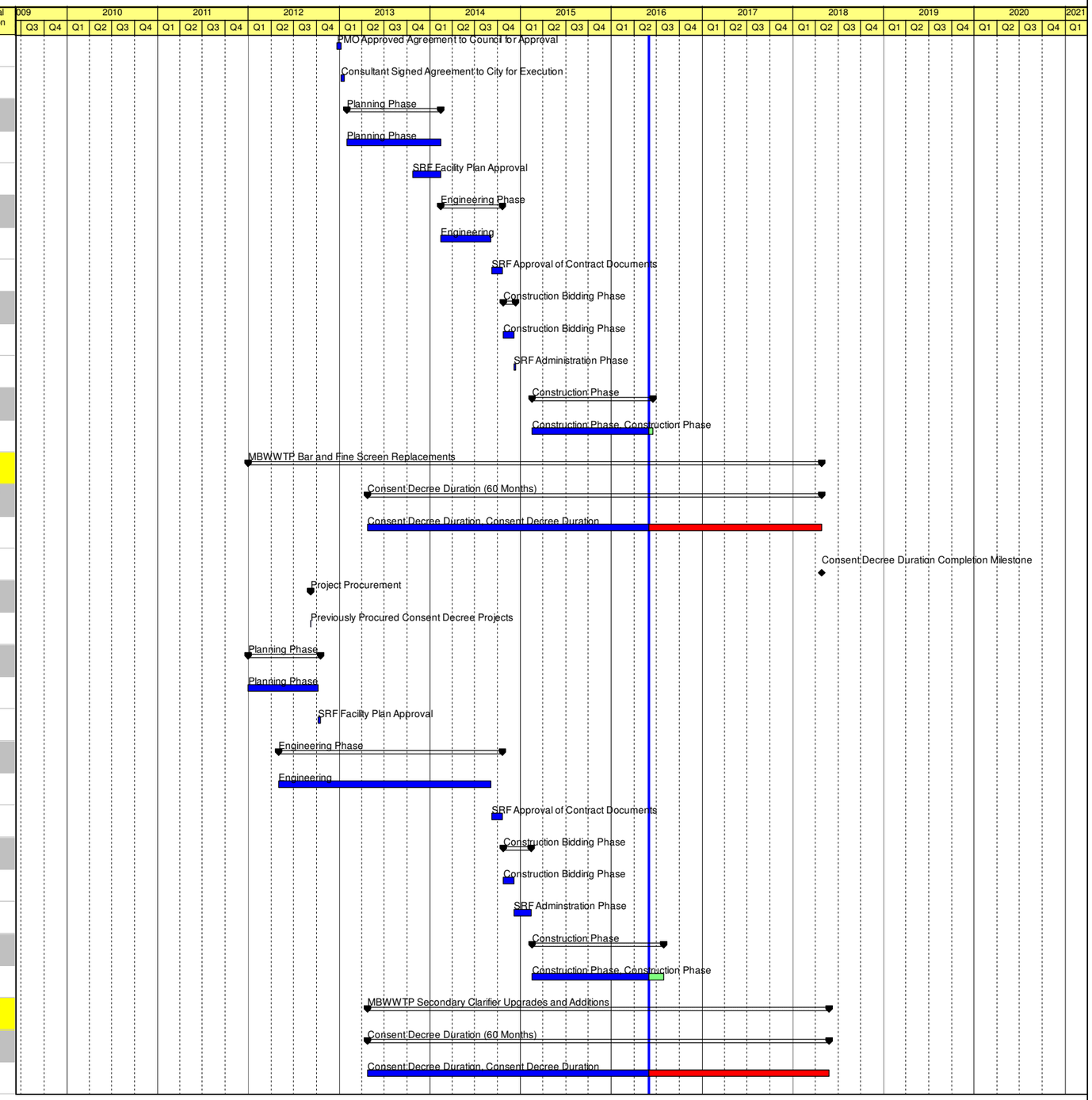


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS®

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
AK1120	PMO Approved Agreement to Council for Approval	18	22-Dec-12 A	08-Jan-13 A	100%	18
AK1130	Consultant Signed Agreement to City for Execution	14	09-Jan-13 A	22-Jan-13 A	100%	14
Planning Phase		376	02-Feb-13 A	13-Feb-14 A	100%	393
AK1000	Planning Phase	376	02-Feb-13 A	13-Feb-14 A	100%	376
AK1060	SRF Facility Plan Approval	112	24-Oct-13 A	13-Feb-14 A	100%	112
Engineering Phase		248	14-Feb-14 A	20-Oct-14 A	100%	249
AK1010	Engineering	203	14-Feb-14 A	05-Sep-14 A	100%	203
AK1020	SRF Approval of Contract Documents	44	06-Sep-14 A	20-Oct-14 A	100%	44
Construction Bidding Phase		50	23-Oct-14 A	12-Dec-14 A	100%	43
AK1070	Construction Bidding Phase	42	23-Oct-14 A	04-Dec-14 A	100%	42
AK1140	SRF Administration Phase	7	05-Dec-14 A	12-Dec-14 A	100%	7
Construction Phase		487	16-Feb-15 A	16-Jun-16	96.27%	456
AK1080	Construction Phase	487	16-Feb-15 A	16-Jun-16	96.27%	456
MBWWTP Bar and Fine Screen Replacements		2307	01-Jan-12 A	25-Apr-18	66.21%	2057
Consent Decree Duration (60 Months)		1828	24-Apr-13 A	25-Apr-18	61.98%	1828
AJ1040	Consent Decree Duration	1828	24-Apr-13 A	25-Apr-18	61.96%	1827
AJ1050	Consent Decree Duration Completion Milestone	0		25-Apr-18*	0%	0
Project Procurement		0	07-Sep-12 A	07-Sep-12 A	0%	0
AJ1090	Previously Procured Consent Decree Projects	0	07-Sep-12 A	07-Sep-12 A	100%	0
Planning Phase		290	01-Jan-12 A	17-Oct-12 A	100%	280
AJ1000	Planning Phase	280	01-Jan-12 A	07-Oct-12 A	100%	280
AJ1060	SRF Facility Plan Approval	9	08-Oct-12 A	17-Oct-12 A	100%	9
Engineering Phase		902	01-May-12 A	20-Oct-14 A	100%	857
AJ1010	Engineering	857	01-May-12 A	05-Sep-14 A	100%	857
AJ1020	SRF Approval of Contract Documents	44	06-Sep-14 A	20-Oct-14 A	100%	44
Construction Bidding Phase		112	23-Oct-14 A	12-Feb-15 A	100%	105
AJ1070	Construction Bidding Phase	42	23-Oct-14 A	04-Dec-14 A	100%	42
AJ1100	SRF Adminstration Phase	69	05-Dec-14 A	12-Feb-15 A	100%	69
Construction Phase		532	16-Feb-15 A	31-Jul-16	86.4%	456
AJ1080	Construction Phase	532	16-Feb-15 A	31-Jul-16	86.4%	456
MBWWTP Secondary Clarifier Upgrades and Additions		1858	24-Apr-13 A	25-May-18	60.98%	1858
Consent Decree Duration (60 Months)		1858	24-Apr-13 A	25-May-18	60.98%	1858
AL1040	Consent Decree Duration	1858	24-Apr-13 A	25-May-18	60.32%	1827

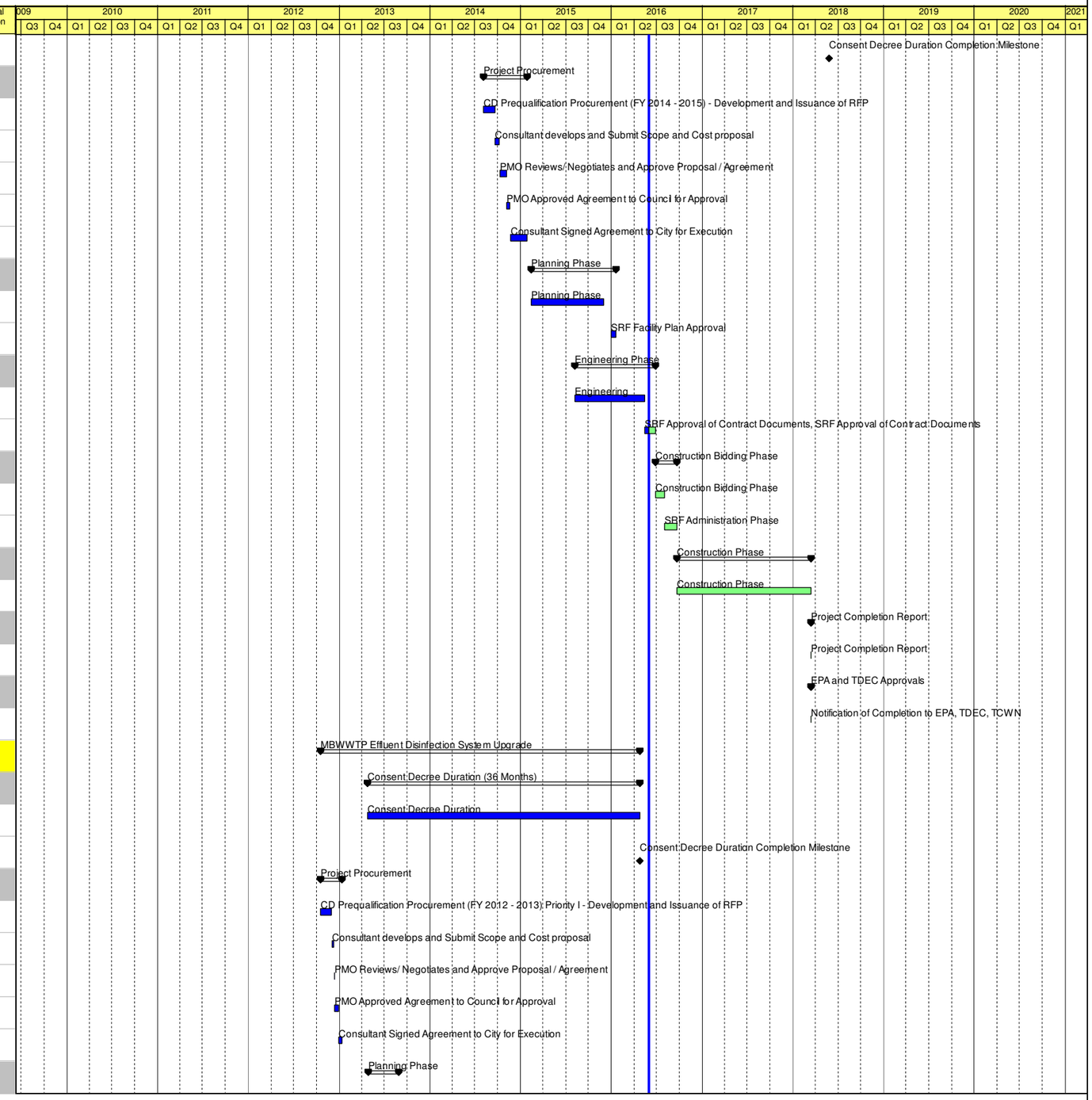


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS®

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
AL1050	Consent Decree Duration Completion Milestone	0		25-May-18*	0%	0
Project Procurement		175	04-Aug-14 A	26-Jan-15 A	100%	76
AL1090	CD Prequalification Procurement (FY 2014 - 2015) - Development and Issuance of RFP	46	04-Aug-14 A	19-Sep-14 A	100%	46
AL1100	Consultant develops and Submit Scope and Cost proposal	18	20-Sep-14 A	08-Oct-14 A	100%	18
AL1110	PMO Reviews/ Negotiates and Approve Proposal / Agreement	27	09-Oct-14 A	05-Nov-14 A	100%	27
AL1120	PMO Approved Agreement to Council for Approval	14	06-Nov-14 A	20-Nov-14 A	100%	14
AL1130	Consultant Signed Agreement to City for Execution	66	21-Nov-14 A	26-Jan-15 A	100%	66
Planning Phase		341	12-Feb-15 A	18-Jan-16 A	100%	293
AL1000	Planning Phase	293	12-Feb-15 A	01-Dec-15 A	100%	293
AL1060	SRF Facility Plan Approval	20	30-Dec-15 A	18-Jan-16 A	100%	20
Engineering Phase		326	06-Aug-15 A	26-Jun-16	91.29%	310
AL1010	Engineering	283	06-Aug-15 A	15-May-16 A	100%	276
AL1020	SRF Approval of Contract Documents	42	16-May-16 A	26-Jun-16	38.64%	44
Construction Bidding Phase		86	27-Jun-16	20-Sep-16	0%	86
AL1070	Construction Bidding Phase	37	27-Jun-16	02-Aug-16	0%	37
AL1140	SRF Administration Phase	49	03-Aug-16	20-Sep-16	0%	49
Construction Phase		540	21-Sep-16	14-Mar-18	0%	540
AL1080	Construction Phase	540	21-Sep-16	14-Mar-18	0%	540
Project Completion Report		0	15-Mar-18	15-Mar-18	0%	0
OI2400	Project Completion Report	0	15-Mar-18	15-Mar-18	0%	0
EPA and TDEC Approvals		0	15-Mar-18	15-Mar-18	0%	0
AL1030	Notification of Completion to EPA, TDEC, TCWN	0	15-Mar-18	15-Mar-18	0%	0
MBWWTP Effluent Disinfection System Upgrade		1285	18-Oct-12 A	24-Apr-16 A	100%	1321
Consent Decree Duration (36 Months)		1097	24-Apr-13 A	24-Apr-16 A	100%	1097
AC1340	Consent Decree Duration	1096	24-Apr-13 A	24-Apr-16 A	100%	1097
AC1350	Consent Decree Duration Completion Milestone	0		24-Apr-16 A	100%	0
Project Procurement		87	18-Oct-12 A	12-Jan-13 A	100%	87
AC1390	CD Prequalification Procurement (FY 2012 - 2013) Priority I - Development and Issuance of RFP	45	18-Oct-12 A	01-Dec-12 A	100%	45
AC1400	Consultant develops and Submit Scope and Cost proposal	10	02-Dec-12 A	11-Dec-12 A	100%	10
AC1410	PMO Reviews/ Negotiates and Approve Proposal / Agreement	0	12-Dec-12 A	12-Dec-12 A	100%	0
AC1420	PMO Approved Agreement to Council for Approval	18	12-Dec-12 A	29-Dec-12 A	100%	18
AC1430	Consultant Signed Agreement to City for Execution	14	30-Dec-12 A	12-Jan-13 A	100%	14
Planning Phase		121	29-Apr-13 A	28-Aug-13 A	100%	106

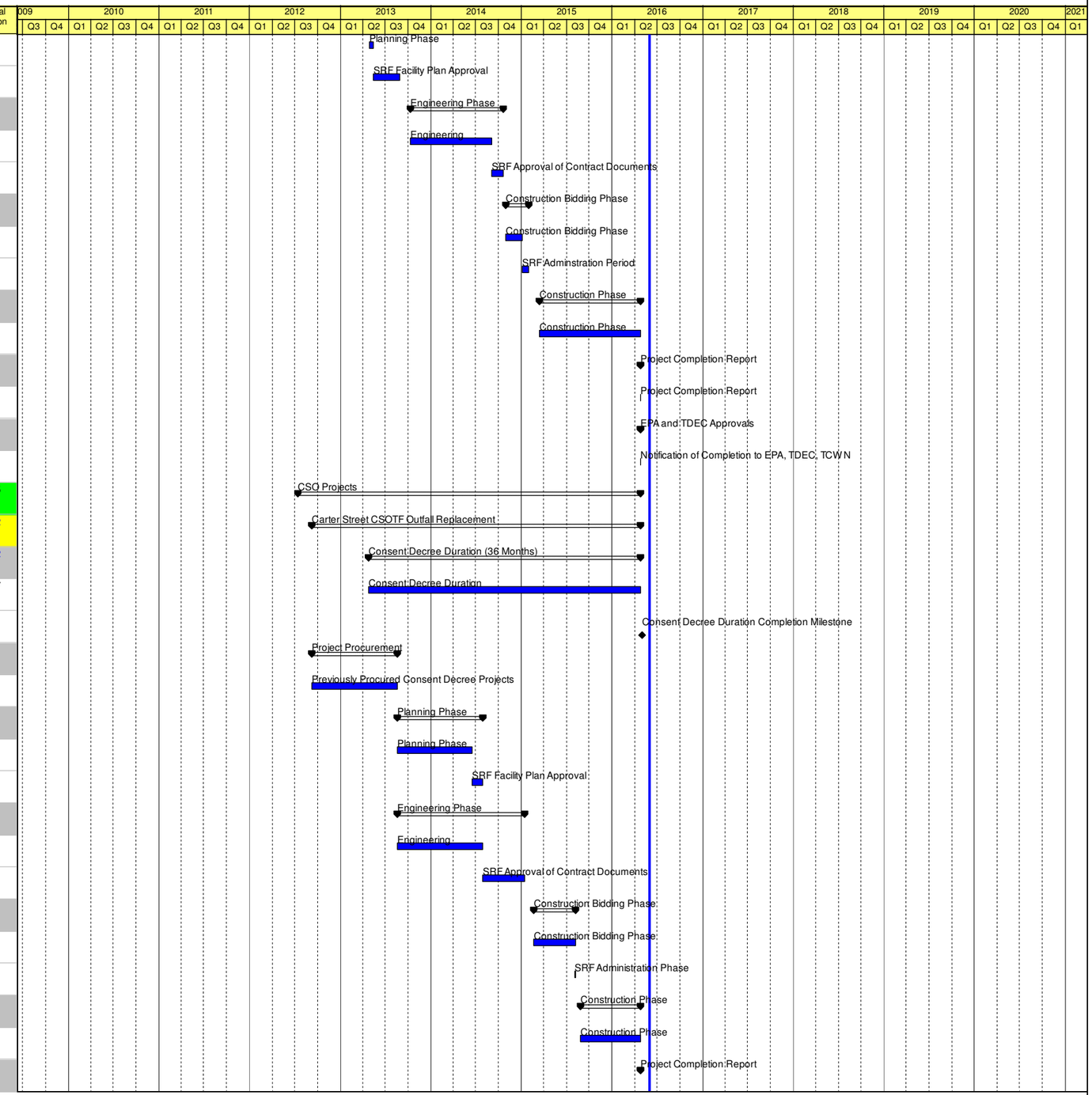


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS®

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
AC1300	Planning Phase	16	29-Apr-13 A	15-May-13 A	100%	16
AC1360	SRF Facility Plan Approval	106	14-May-13 A	28-Aug-13 A	100%	106
Engineering Phase		375	10-Oct-13 A	20-Oct-14 A	100%	386
AC1310	Engineering	329	10-Oct-13 A	04-Sep-14 A	100%	329
AC1320	SRF Approval of Contract Documents	47	03-Sep-14 A	20-Oct-14 A	100%	47
Construction Bidding Phase		92	30-Oct-14 A	30-Jan-15 A	100%	117
AC1370	Construction Bidding Phase	66	30-Oct-14 A	04-Jan-15 A	100%	66
AC1440	SRF Adminstration Period	25	05-Jan-15 A	30-Jan-15 A	100%	25
Construction Phase		405	16-Mar-15 A	24-Apr-16 A	100%	405
AC1380	Construction Phase	405	16-Mar-15 A	24-Apr-16 A	100%	405
Project Completion Report		0	24-Apr-16 A	24-Apr-16 A	0%	0
OI2430	Project Completion Report	0	24-Apr-16 A	24-Apr-16 A	100%	0
EPA and TDEC Approvals		0	24-Apr-16 A	24-Apr-16 A	0%	0
AC1330	Notification of Completion to EPA, TDEC, TCWN	0	24-Apr-16 A	24-Apr-16 A	100%	0
CSO Projects		1379	15-Jul-12 A	24-Apr-16 A	100%	1655
Carter Street CSOTF Outfall Replacement		1325	07-Sep-12 A	24-Apr-16 A	100%	1512
Consent Decree Duration (36 Months)		1096	24-Apr-13 A	24-Apr-16 A	100%	1102
AI1040	Consent Decree Duration	1096	24-Apr-13 A	24-Apr-16 A	100%	1097
AI1050	Consent Decree Duration Completion Milestone	0		24-Apr-16 A	100%	0
Project Procurement		345	07-Sep-12 A	17-Aug-13 A	100%	345
AI1090	Previously Procured Consent Decree Projects	345	07-Sep-12 A	17-Aug-13 A	100%	345
Planning Phase		345	18-Aug-13 A	28-Jul-14 A	100%	302
AI1000	Planning Phase	302	18-Aug-13 A	15-Jun-14 A	100%	302
AI1060	SRF Facility Plan Approval	43	16-Jun-14 A	28-Jul-14 A	100%	0
Engineering Phase		513	18-Aug-13 A	12-Jan-15 A	100%	855
AI1010	Engineering	345	18-Aug-13 A	28-Jul-14 A	100%	345
AI1020	SRF Approval of Contract Documents	168	29-Jul-14 A	12-Jan-15 A	100%	168
Construction Bidding Phase		169	19-Feb-15 A	06-Aug-15 A	100%	169
AI1070	Construction Bidding Phase	169	19-Feb-15 A	06-Aug-15 A	100%	169
AI1100	SRF Administration Phase	4	03-Aug-15 A	06-Aug-15 A	100%	4
Construction Phase		240	28-Aug-15 A	24-Apr-16 A	100%	241
AI1080	Construction Phase	240	28-Aug-15 A	24-Apr-16 A	100%	241
Project Completion Report		0	24-Apr-16 A	24-Apr-16 A	0%	0

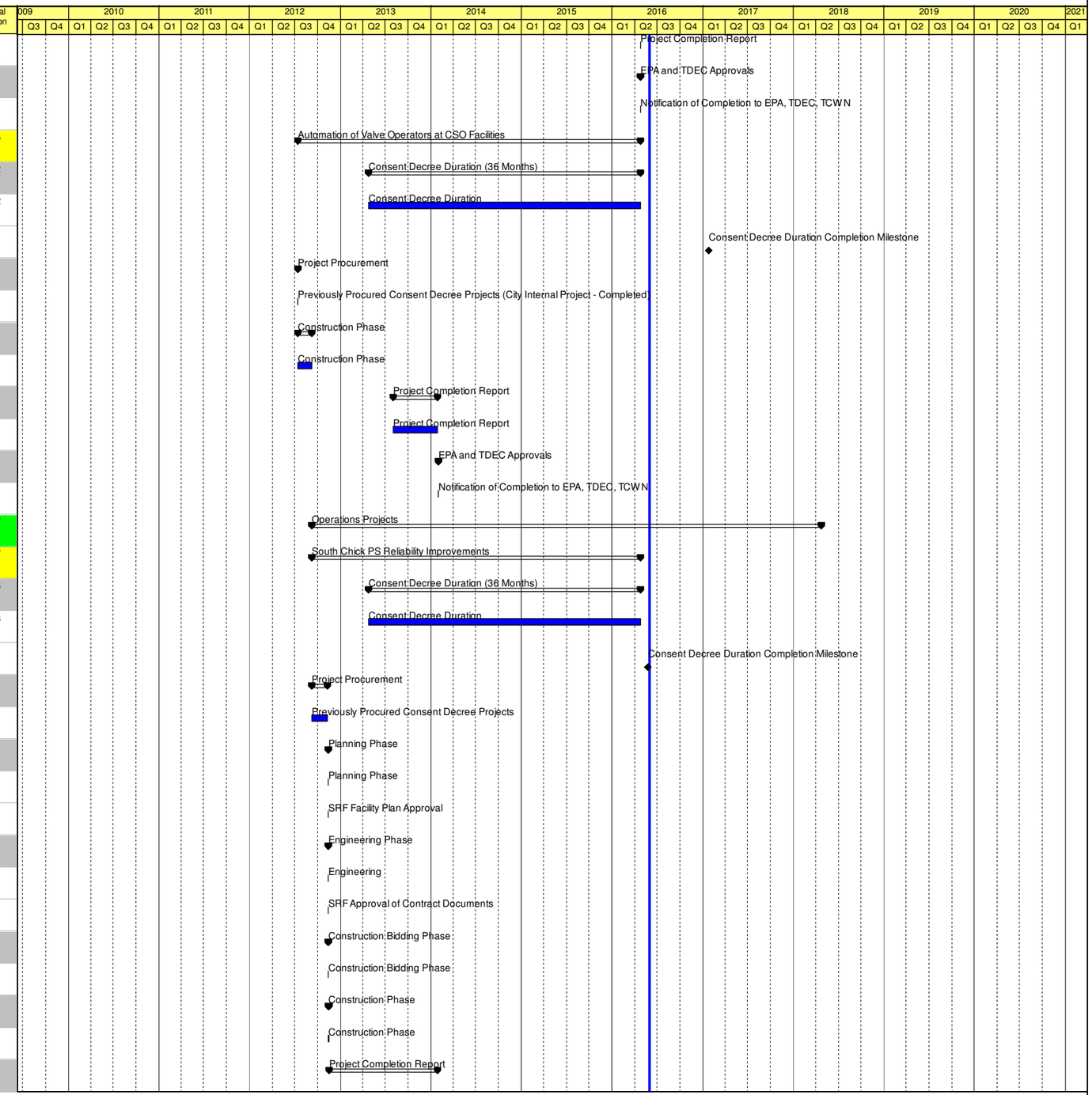


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS®

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
OI2370	Project Completion Report	0	24-Apr-16 A	24-Apr-16 A	100%	0
EPA and TDEC Approvals		0	24-Apr-16 A	24-Apr-16 A	0%	0
AI1030	Notification of Completion to EPA, TDEC, TCWN	0	24-Apr-16 A	24-Apr-16 A	100%	0
Automation of Valve Operators at CSO Facilities		1379	15-Jul-12 A	24-Apr-16 A	100%	1655
Consent Decree Duration (36 Months)		1096	24-Apr-13 A	24-Apr-16 A	100%	1372
AH1140	Consent Decree Duration	1096	24-Apr-13 A	24-Apr-16 A	100%	1372
AH1150	Consent Decree Duration Completion Milestone	0		24-Apr-16 A	100%	0
Project Procurement		0	15-Jul-12 A	15-Jul-12 A	0%	0
AH1190	Previously Procured Consent Decree Projects (City Internal Project - Completed)	0	15-Jul-12 A	15-Jul-12 A	100%	0
Construction Phase		54	15-Jul-12 A	07-Sep-12 A	100%	54
AH1180	Construction Phase	54	15-Jul-12 A	07-Sep-12 A	100%	54
Project Completion Report		181	01-Aug-13 A	29-Jan-14 A	100%	181
OI2420	Project Completion Report	181	01-Aug-13 A	29-Jan-14 A	100%	181
EPA and TDEC Approvals		0	30-Jan-14 A	30-Jan-14 A	0%	0
AH1130	Notification of Completion to EPA, TDEC, TCWN	0	30-Jan-14 A	30-Jan-14 A	100%	0
Operations Projects		2056	07-Sep-12 A	25-Apr-18	78.68%	2087
South Chick PS Reliability Improvements		1325	07-Sep-12 A	24-Apr-16 A	100%	1357
Consent Decree Duration (36 Months)		1096	24-Apr-13 A	24-Apr-16 A	100%	1128
AH1040	Consent Decree Duration	1096	24-Apr-13 A	24-Apr-16 A	100%	1128
AH1050	Consent Decree Duration Completion Milestone	0		24-Apr-16 A	100%	0
Project Procurement		66	07-Sep-12 A	11-Nov-12 A	100%	66
AH1090	Previously Procured Consent Decree Projects	66	07-Sep-12 A	11-Nov-12 A	100%	66
Planning Phase		0	12-Nov-12 A	12-Nov-12 A	0%	0
AH1000	Planning Phase	0	12-Nov-12 A	12-Nov-12 A	100%	0
AH1060	SRF Facility Plan Approval	0	12-Nov-12 A	12-Nov-12 A	100%	0
Engineering Phase		0	12-Nov-12 A	12-Nov-12 A	0%	0
AH1010	Engineering	0	12-Nov-12 A	12-Nov-12 A	100%	0
AH1020	SRF Approval of Contract Documents	0	12-Nov-12 A	12-Nov-12 A	100%	0
Construction Bidding Phase		0	12-Nov-12 A	12-Nov-12 A	0%	0
AH1070	Construction Bidding Phase	0	12-Nov-12 A	12-Nov-12 A	100%	0
Construction Phase		5	12-Nov-12 A	16-Nov-12 A	100%	5
AH1080	Construction Phase	5	12-Nov-12 A	16-Nov-12 A	100%	5
Project Completion Report		438	17-Nov-12 A	29-Jan-14 A	100%	438

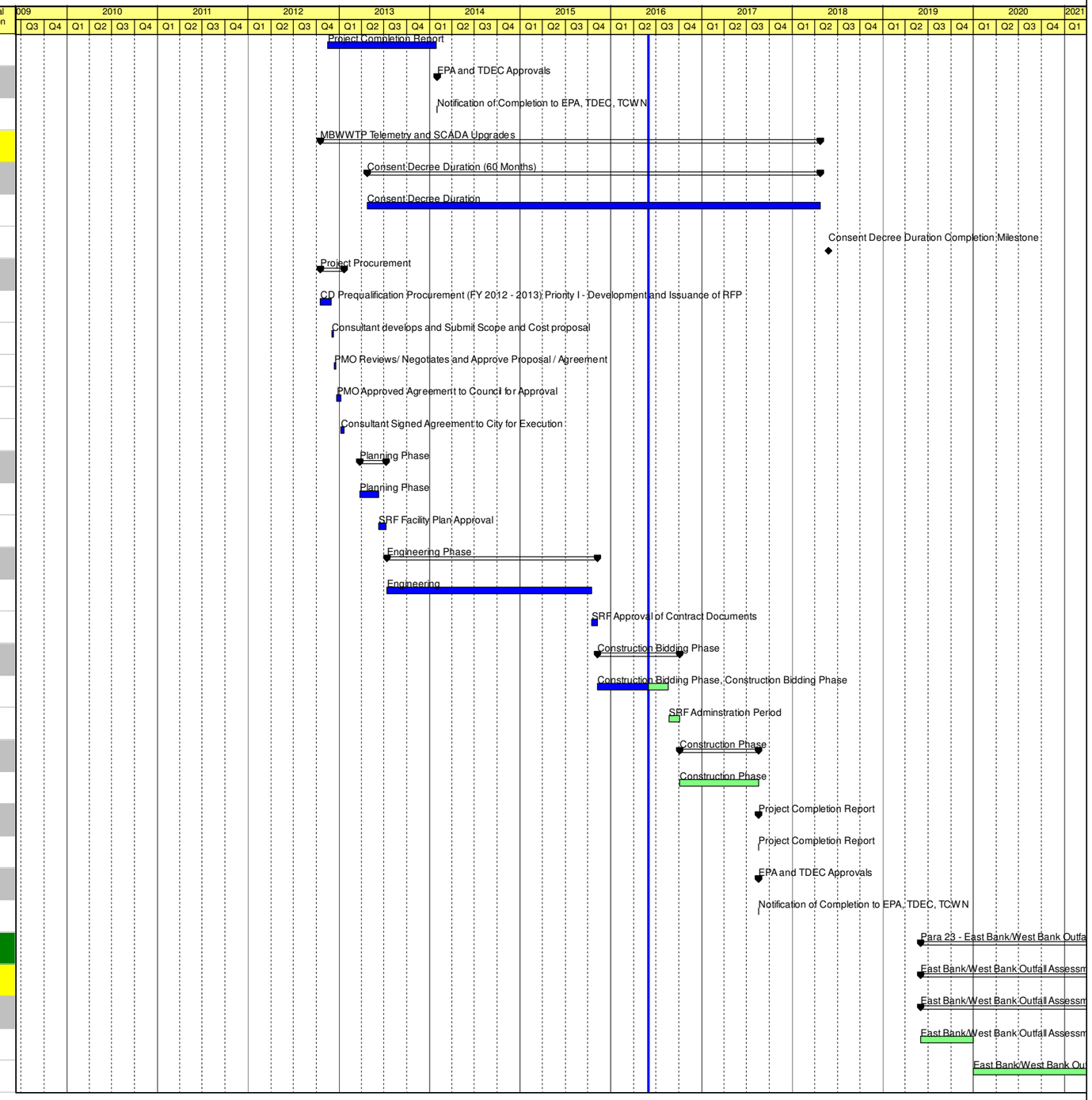


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS®

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
OI2360	Project Completion Report	438	17-Nov-12 A	29-Jan-14 A	100%	438
EPA and TDEC Approvals		0	30-Jan-14 A	30-Jan-14 A	0%	0
AH1030	Notification of Completion to EPA, TDEC, TCWN	0	30-Jan-14 A	30-Jan-14 A	100%	0
MBWWTP Telemetry and SCADA Upgrades		2015	18-Oct-12 A	25-Apr-18	78.25%	2046
Consent Decree Duration (60 Months)		1827	24-Apr-13 A	25-Apr-18 A	100%	1858
AC1190	Consent Decree Duration	1827	24-Apr-13 A	25-Apr-18 A	100%	1827
AC1200	Consent Decree Duration Completion Milestone	0		25-Apr-18 A	100%	0
Project Procurement		97	18-Oct-12 A	22-Jan-13 A	100%	97
AC1240	CD Prequalification Procurement (FY 2012 - 2013) Priority I - Development and Issuance of RFP	45	18-Oct-12 A	01-Dec-12 A	100%	45
AC1250	Consultant develops and Submit Scope and Cost proposal	10	02-Dec-12 A	11-Dec-12 A	100%	10
AC1260	PMO Reviews/ Negotiates and Approve Proposal / Agreement	10	12-Dec-12 A	21-Dec-12 A	100%	10
AC1270	PMO Approved Agreement to Council for Approval	18	22-Dec-12 A	08-Jan-13 A	100%	18
AC1280	Consultant Signed Agreement to City for Execution	14	09-Jan-13 A	22-Jan-13 A	100%	14
Planning Phase		106	27-Mar-13 A	11-Jul-13 A	100%	187
AC1150	Planning Phase	75	27-Mar-13 A	10-Jun-13 A	100%	75
AC1210	SRF Facility Plan Approval	30	11-Jun-13 A	11-Jul-13 A	100%	30
Engineering Phase		851	12-Jul-13 A	10-Nov-15 A	100%	908
AC1160	Engineering	826	12-Jul-13 A	16-Oct-15 A	100%	826
AC1170	SRF Approval of Contract Documents	24	17-Oct-15 A	10-Nov-15 A	100%	24
Construction Bidding Phase		329	10-Nov-15 A	03-Oct-16	59.22%	309
AC1220	Construction Bidding Phase	285	10-Nov-15 A	20-Aug-16	57.29%	192
AC1290	SRF Adminstration Period	44	21-Aug-16	03-Oct-16	0%	44
Construction Phase		319	04-Oct-16	18-Aug-17	0%	319
AC1230	Construction Phase	319	04-Oct-16	18-Aug-17	0%	319
Project Completion Report		0	19-Aug-17	19-Aug-17	0%	0
OI2410	Project Completion Report	0	19-Aug-17	19-Aug-17	0%	0
EPA and TDEC Approvals		0	19-Aug-17	19-Aug-17	0%	0
AC1180	Notification of Completion to EPA, TDEC, TCWN	0	19-Aug-17	19-Aug-17	0%	0
Para 23 - East Bank/West Bank Outfall Assessment and Rehabil		2771	02-Jun-19	01-Jan-27	0%	2771
East Bank/West Bank Outfall Assessment and Rehabilitation F		2771	02-Jun-19	01-Jan-27	0%	2771
East Bank/West Bank Outfall Assessment and Rehabilitation Plan		2771	02-Jun-19	01-Jan-27	0%	2771
AH1100	East Bank/West Bank Outfall Assessment and Rehabilitation Plan	213	02-Jun-19	31-Dec-19	0%	213
AH1110	East Bank/West Bank Outfall Assessment and Rehabilitation Project	2558	01-Jan-20	01-Jan-27	0%	2558

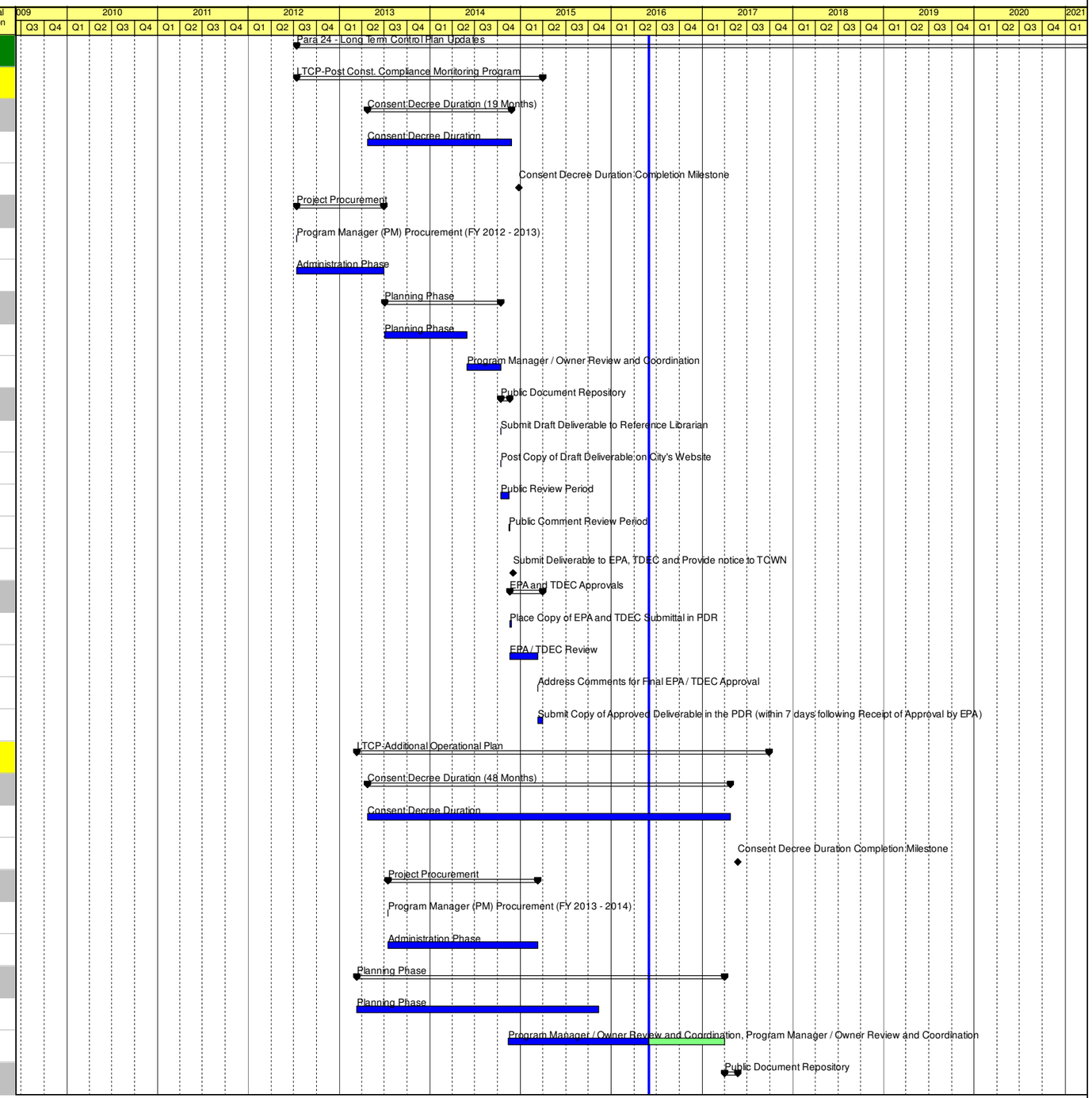


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS®

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
Para 24 - Long Term Control Plan Updates		5437	15-Jul-12 A	03-Jun-27	26.04%	5437
LTCP-Post Const. Compliance Monitoring Program		989	15-Jul-12 A	31-Mar-15 A	100%	1008
Consent Decree Duration (19 Months)		579	24-Apr-13 A	24-Nov-14 A	100%	610
OO1220	Consent Decree Duration	579	24-Apr-13 A	24-Nov-14 A	100%	579
OO1230	Consent Decree Duration Completion Milestone	0		24-Nov-14 A	100%	0
Project Procurement		351	15-Jul-12 A	01-Jul-13 A	100%	351
OO1110	Program Manager (PM) Procurement (FY 2012 - 2013)	0	15-Jul-12 A	15-Jul-12 A	100%	0
OO1240	Administration Phase	351	15-Jul-12 A	01-Jul-13 A	100%	351
Planning Phase		467	02-Jul-13 A	12-Oct-14 A	100%	496
OO1120	Planning Phase	333	02-Jul-13 A	31-May-14 A	100%	333
OO1400	Program Manager / Owner Review and Coordination	133	01-Jun-14 A	12-Oct-14 A	100%	133
Public Document Repository		36	13-Oct-14 A	18-Nov-14 A	100%	35
OO1130	Submit Draft Deliverable to Reference Librarian	0	13-Oct-14 A	13-Oct-14 A	100%	0
OO1140	Post Copy of Draft Deliverable on City's Website	0	13-Oct-14 A	13-Oct-14 A	100%	0
OO1150	Public Review Period	35	13-Oct-14 A	17-Nov-14 A	100%	35
OO1160	Public Comment Review Period	1	17-Nov-14 A	18-Nov-14 A	100%	1
OO1170	Submit Deliverable to EPA, TDEC and Provide notice to TCWN	0		18-Nov-14 A	100%	0
EPA and TDEC Approvals		133	18-Nov-14 A	31-Mar-15 A	100%	140
OO1180	Place Copy of EPA and TDEC Submittal in PDR	6	18-Nov-14 A	24-Nov-14 A	100%	6
OO1190	EPA / TDEC Review	113	19-Nov-14 A	12-Mar-15 A	100%	113
OO1200	Address Comments for Final EPA / TDEC Approval	0	12-Mar-15 A	12-Mar-15 A	100%	0
OO1210	Submit Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval by EPA)	19	12-Mar-15 A	31-Mar-15 A	100%	19
LTCP-Additional Operational Plan		1661	13-Mar-13 A	28-Sep-17	77.9%	2199
Consent Decree Duration (48 Months)		1462	24-Apr-13 A	25-Apr-17 A	100%	1492
OO1360	Consent Decree Duration	1462	24-Apr-13 A	25-Apr-17 A	100%	1462
OO1370	Consent Decree Duration Completion Milestone	0		25-Apr-17 A	100%	0
Project Procurement		605	15-Jul-13 A	12-Mar-15 A	100%	605
OO1250	Program Manager (PM) Procurement (FY 2013 - 2014)	0	15-Jul-13 A	15-Jul-13 A	100%	0
OO1380	Administration Phase	605	15-Jul-13 A	12-Mar-15 A	100%	605
Planning Phase		1480	13-Mar-13 A	31-Mar-17	74.96%	1218
OO1260	Planning Phase	973	13-Mar-13 A	10-Nov-15 A	100%	973
OO1390	Program Manager / Owner Review and Coordination	872	11-Nov-14 A	31-Mar-17	63.73%	841
Public Document Repository		54	01-Apr-17	24-May-17	0%	54

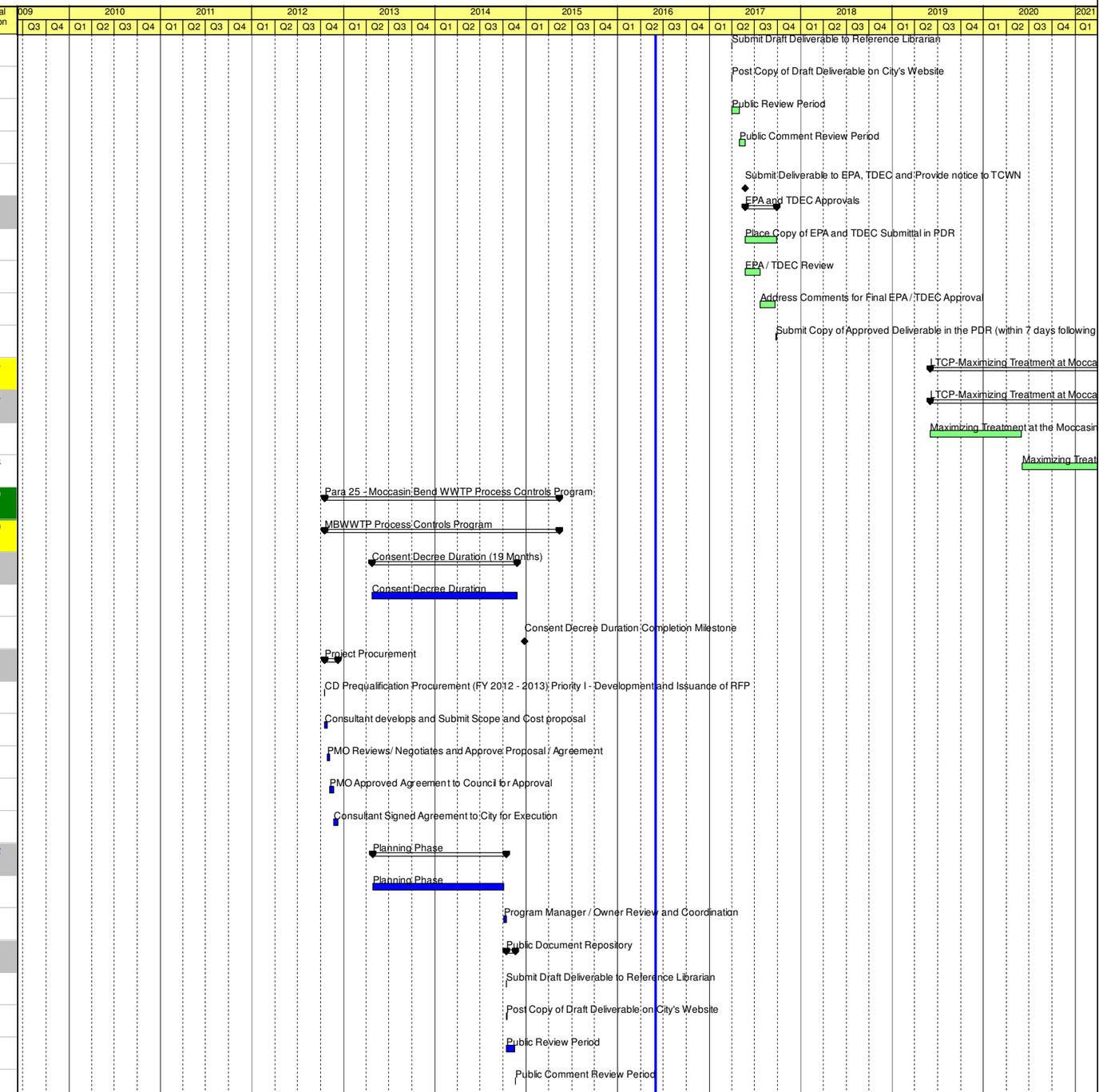


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
OO1270	Submit Draft Deliverable to Reference Librarian	1	01-Apr-17	01-Apr-17	0%	1
OO1280	Post Copy of Draft Deliverable on City's Website	1	01-Apr-17	01-Apr-17	0%	1
OO1290	Public Review Period	30	02-Apr-17	01-May-17	0%	30
OO1300	Public Comment Review Period	23	02-May-17	24-May-17	0%	23
OO1310	Submit Deliverable to EPA, TDEC and Provide notice to TCWN	0		24-May-17	0%	0
EPA and TDEC Approvals		127	25-May-17	28-Sep-17	0%	127
OO1320	Place Copy of EPA and TDEC Submittal in PDR	127	25-May-17	28-Sep-17	0%	127
OO1330	EPA / TDEC Review	60	25-May-17	23-Jul-17	0%	60
OO1340	Address Comments for Final EPA / TDEC Approval	60	24-Jul-17	21-Sep-17	0%	60
OO1350	Submit Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval by EPA)	7	22-Sep-17	28-Sep-17	0%	7
LTCP-Maximizing Treatment at Moccasin Bend WWTP		2924	02-Jun-19	03-Jun-27	0%	2924
LTCP-Maximizing Treatment at Moccasin Bend WWTP		2924	02-Jun-19	03-Jun-27	0%	2924
AH1200	Maximizing Treatment at the Moccasin Bend WWTP - FA Plan	366	02-Jun-19	01-Jun-20	0%	366
AH1210	Maximizing Treatment at the Moccasin Bend WWTP - FA Project	2558	02-Jun-20	03-Jun-27	0%	2558
Para 25 - Moccasin Bend WWTP Process Controls Program		937	18-Oct-12 A	13-May-15 A	100%	1379
MBWWTP Process Controls Program		937	18-Oct-12 A	13-May-15 A	100%	1379
Consent Decree Duration (19 Months)		579	24-Apr-13 A	24-Nov-14 A	100%	610
OP1110	Consent Decree Duration	579	24-Apr-13 A	24-Nov-14 A	100%	579
OP1120	Consent Decree Duration Completion Milestone	0		24-Nov-14 A	100%	0
Project Procurement		52	18-Oct-12 A	08-Dec-12 A	100%	52
OP1000	CD Prequalification Procurement (FY 2012 - 2013) Priority I - Development and Issuance of RFP	0	18-Oct-12 A	18-Oct-12 A	100%	0
OP1130	Consultant develops and Submit Scope and Cost proposal	10	18-Oct-12 A	27-Oct-12 A	100%	10
OP1140	PMO Reviews/ Negotiates and Approve Proposal / Agreement	10	28-Oct-12 A	06-Nov-12 A	100%	10
OP1150	PMO Approved Agreement to Council for Approval	18	07-Nov-12 A	24-Nov-12 A	100%	18
OP1160	Consultant Signed Agreement to City for Execution	14	25-Nov-12 A	08-Dec-12 A	100%	14
Planning Phase		531	29-Apr-13 A	12-Oct-14 A	100%	1282
OP1010	Planning Phase	522	29-Apr-13 A	03-Oct-14 A	100%	522
OP1190	Program Manager / Owner Review and Coordination	8	04-Oct-14 A	12-Oct-14 A	100%	632
Public Document Repository		36	13-Oct-14 A	18-Nov-14 A	100%	48
OP1020	Submit Draft Deliverable to Reference Librarian	0	13-Oct-14 A	13-Oct-14 A	100%	0
OP1030	Post Copy of Draft Deliverable on City's Website	3	13-Oct-14 A	16-Oct-14 A	100%	3
OP1040	Public Review Period	35	13-Oct-14 A	17-Nov-14 A	100%	35
OP1050	Public Comment Review Period	0	18-Nov-14 A	18-Nov-14 A	100%	0

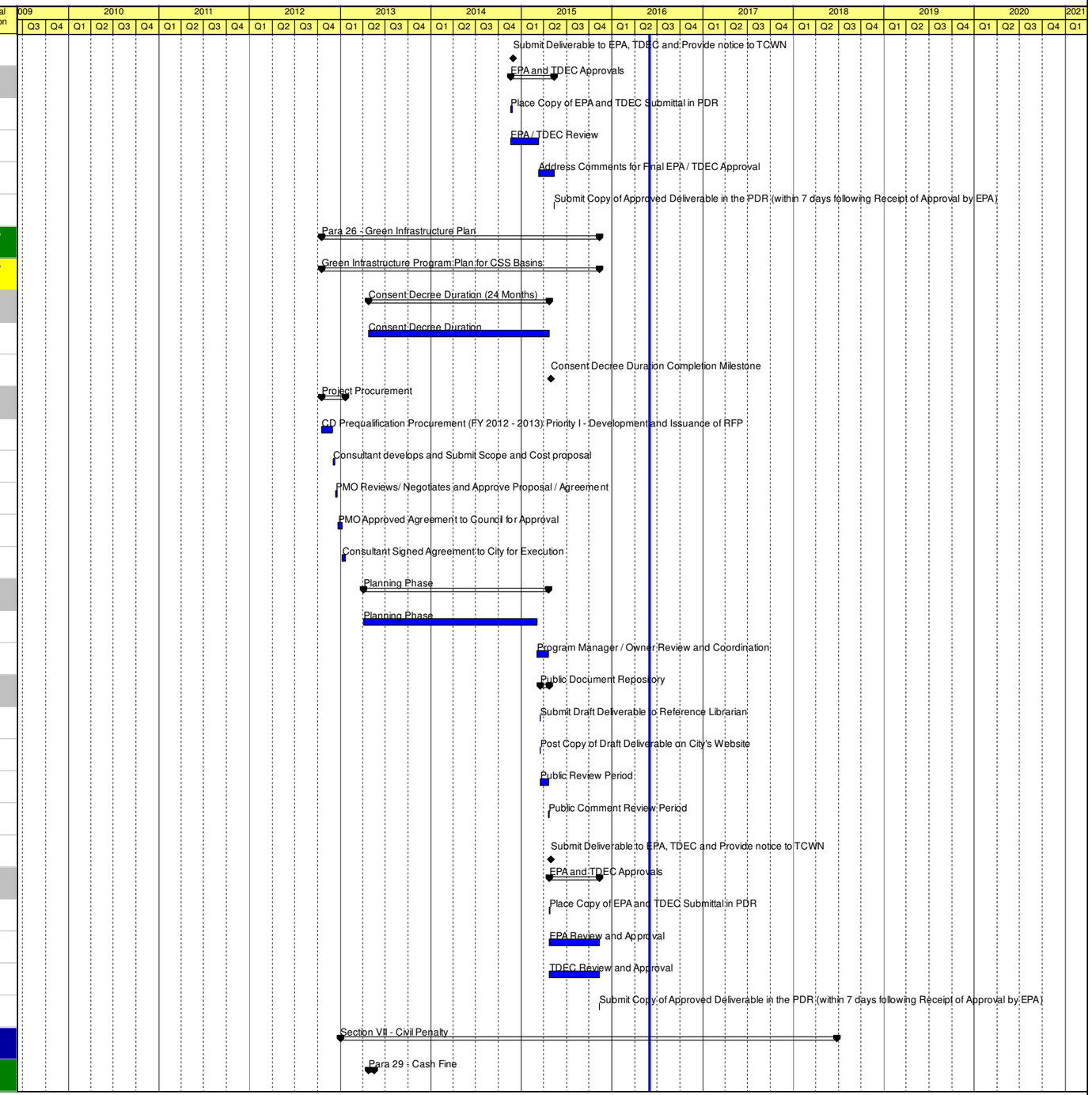


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
OP1060	Submit Deliverable to EPA, TDEC and Provide notice to TCWN	0		18-Nov-14 A	100%	0
EPA and TDEC Approvals		176	18-Nov-14 A	13-May-15 A	100%	212
OP1070	Place Copy of EPA and TDEC Submittal in PDR	6	18-Nov-14 A	24-Nov-14 A	100%	6
OP1080	EPA / TDEC Review	113	19-Nov-14 A	12-Mar-15 A	100%	113
OP1090	Address Comments for Final EPA / TDEC Approval	60	13-Mar-15 A	12-May-15 A	100%	60
OP1100	Submit Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval by EPA)	0	13-May-15 A	13-May-15 A	100%	0
Para 26 - Green Infrastructure Plan		1121	18-Oct-12 A	13-Nov-15 A	100%	1145
Green Infrastructure Program Plan for CSS Basins		1121	18-Oct-12 A	13-Nov-15 A	100%	1145
Consent Decree Duration (24 Months)		730	24-Apr-13 A	24-Apr-15 A	100%	736
OQ1110	Consent Decree Duration	730	24-Apr-13 A	24-Apr-15 A	100%	730
OQ1120	Consent Decree Duration Completion Milestone	0		23-Apr-15 A	100%	0
Project Procurement		97	18-Oct-12 A	22-Jan-13 A	100%	97
OQ1000	CD Prequalification Procurement (FY 2012 - 2013) Priority I - Development and Issuance of RFP	45	18-Oct-12 A	01-Dec-12 A	100%	45
OQ1130	Consultant develops and Submit Scope and Cost proposal	10	02-Dec-12 A	11-Dec-12 A	100%	10
OQ1140	PMO Reviews/ Negotiates and Approve Proposal / Agreement	10	12-Dec-12 A	21-Dec-12 A	100%	10
OQ1150	PMO Approved Agreement to Council for Approval	18	22-Dec-12 A	08-Jan-13 A	100%	18
OQ1160	Consultant Signed Agreement to City for Execution	14	09-Jan-13 A	22-Jan-13 A	100%	14
Planning Phase		747	05-Apr-13 A	22-Apr-15 A	100%	844
OQ1010	Planning Phase	699	05-Apr-13 A	05-Mar-15 A	100%	699
OQ1170	Program Manager / Owner Review and Coordination	47	06-Mar-15 A	22-Apr-15 A	100%	47
Public Document Repository		36	18-Mar-15 A	23-Apr-15 A	100%	34
OQ1020	Submit Draft Deliverable to Reference Librarian	0	18-Mar-15 A	18-Mar-15 A	100%	0
OQ1030	Post Copy of Draft Deliverable on City's Website	0	18-Mar-15 A	18-Mar-15 A	100%	0
OQ1040	Public Review Period	33	18-Mar-15 A	20-Apr-15 A	100%	33
OQ1050	Public Comment Review Period	2	21-Apr-15 A	23-Apr-15 A	100%	2
OQ1060	Submit Deliverable to EPA, TDEC and Provide notice to TCWN	0		23-Apr-15 A	100%	0
EPA and TDEC Approvals		204	23-Apr-15 A	13-Nov-15 A	100%	221
OQ1070	Place Copy of EPA and TDEC Submittal in PDR	5	23-Apr-15 A	28-Apr-15 A	100%	5
OQ1080	EPA Review and Approval	204	23-Apr-15 A	13-Nov-15 A	100%	204
OQ1090	TDEC Review and Approval	204	23-Apr-15 A	13-Nov-15 A	100%	204
OQ1100	Submit Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval by EPA)	0	13-Nov-15 A	13-Nov-15 A	100%	7
Section VII - Civil Penalty		2001	01-Jan-13 A	24-Jun-18	65.22%	2171
Para 29 - Cash Fine		24	24-Apr-13 A	17-May-13 A	100%	24

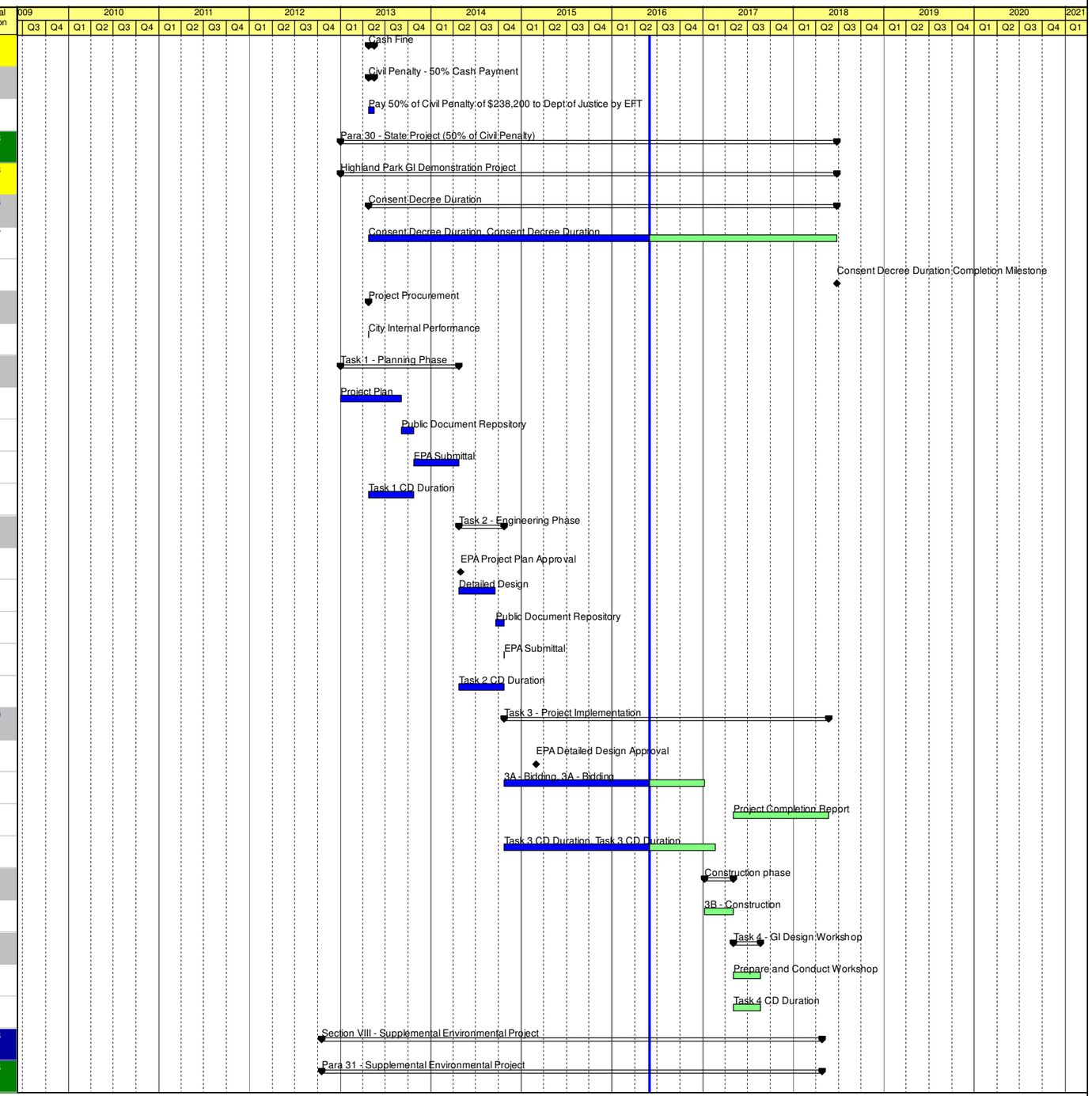


Summary
Critical Remaining ...
Actual Level of Effort
Baseline Milestone
Actual Work
Remaining Work

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS®

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
Cash Fine		24	24-Apr-13 A	17-May-13 A	100%	24
Civil Penalty - 50% Cash Payment		24	24-Apr-13 A	17-May-13 A	100%	24
CF1000	Pay 50% of Civil Penalty of $238,200 to Dept of Justice by EFT	24	24-Apr-13 A	17-May-13 A	100%	24
Para 30 - State Project (50% of Civil Penalty)		2001	01-Jan-13 A	24-Jun-18	60.01%	1888
Highland Park GI Demonstration Project		2001	01-Jan-13 A	24-Jun-18	60.01%	1888
Consent Decree Duration		1888	24-Apr-13 A	24-Jun-18	60.01%	1888
OR1030	Consent Decree Duration	1888	24-Apr-13 A	24-Jun-18	59.34%	1857
OR1040	Consent Decree Duration Completion Milestone	0		24-Jun-18*	0%	0
Project Procurement		0	24-Apr-13 A	24-Apr-13 A	0%	0
OR1080	City Internal Performance	0	24-Apr-13 A	24-Apr-13 A	100%	0
Task 1 - Planning Phase		479	01-Jan-13 A	25-Apr-14 A	100%	498
OR1000	Project Plan	247	01-Jan-13 A	05-Sep-13 A	100%	247
OR1005	Public Document Repository	47	06-Sep-13 A	23-Oct-13 A	100%	47
OR1050	EPA Submittal	183	24-Oct-13 A	25-Apr-14 A	100%	183
OR1100	Task 1 CD Duration	183	24-Apr-13 A	24-Oct-13 A	100%	183
Task 2 - Engineering Phase		181	25-Apr-14 A	23-Oct-14 A	100%	186
OR1010	EPA Project Plan Approval	0		25-Apr-14 A	100%	0
OR1020	Detailed Design	146	25-Apr-14 A	18-Sep-14 A	100%	146
OR1110	Public Document Repository	33	19-Sep-14 A	22-Oct-14 A	100%	33
OR1120	EPA Submittal	0	23-Oct-14 A	23-Oct-14 A	100%	0
OR1170	Task 2 CD Duration	180	26-Apr-14 A	23-Oct-14 A	100%	180
Task 3 - Project Implementation		1308	23-Oct-14 A	22-May-18	44.46%	1300
OR1060	EPA Detailed Design Approval	0		23-Oct-14 A	100%	0
OR1180	3A - Bidding	808	24-Oct-14 A	08-Jan-17	71.3%	777
OR1200	Project Completion Report	383	05-May-17	22-May-18	0%	383
OR1230	Task 3 CD Duration	852	24-Oct-14 A	21-Feb-17	67.48%	821
Construction phase		116	09-Jan-17	04-May-17	0%	116
OR1190	3B - Construction	116	09-Jan-17*	04-May-17	0%	116
Task 4 - GI Design Workshop		110	05-May-17	22-Aug-17	0%	110
OR1070	Prepare and Conduct Workshop	110	05-May-17*	22-Aug-17	0%	110
OR1090	Task 4 CD Duration	110	05-May-17*	22-Aug-17	0%	110
Section VIII - Supplemental Environmental Project		2016	18-Oct-12 A	25-Apr-18	65.53%	2016
Para 31 - Supplemental Environmental Project		2016	18-Oct-12 A	25-Apr-18	65.53%	2016

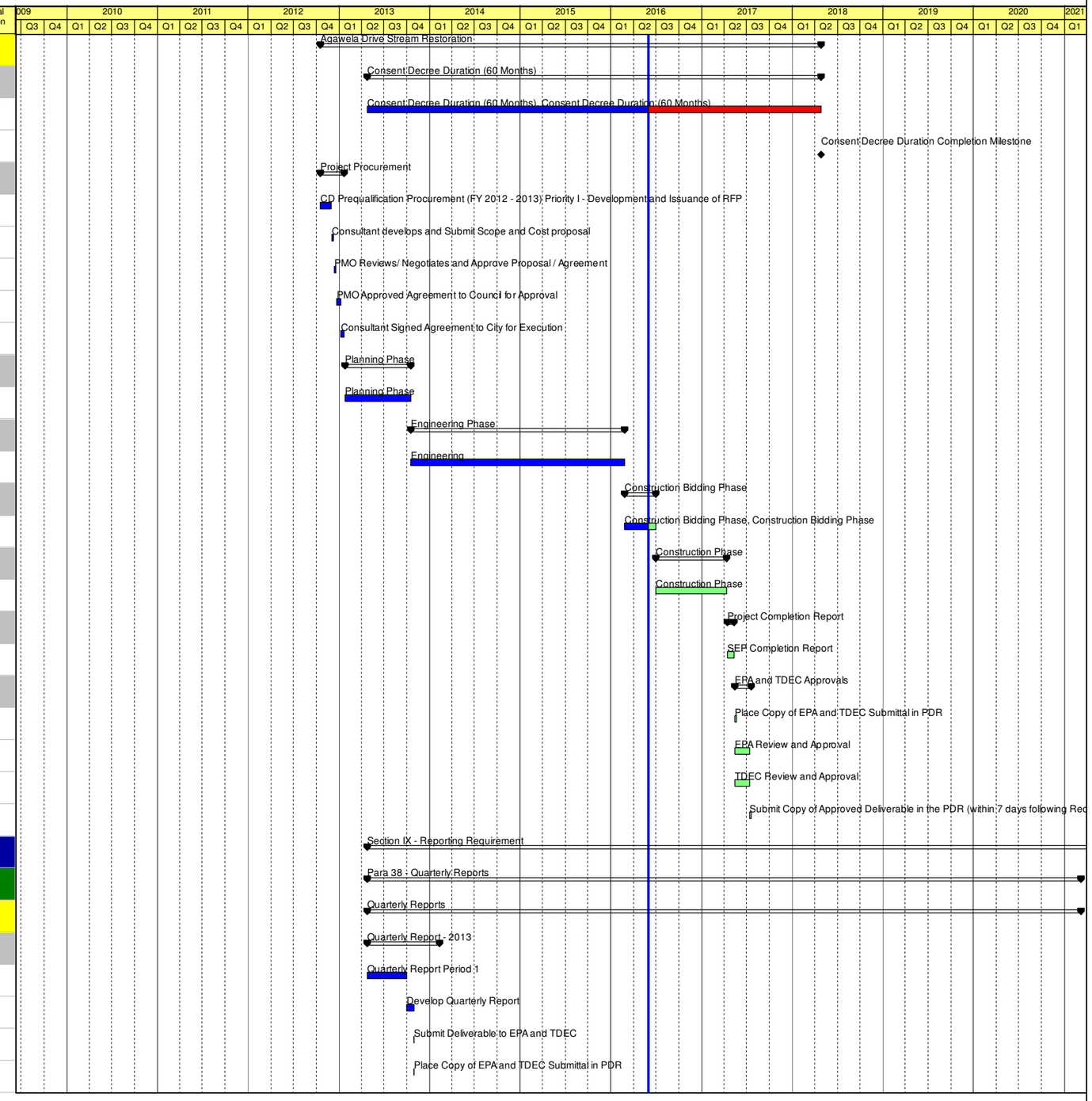


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS®

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
Agawela Drive Stream Restoration		2016	18-Oct-12 A	25-Apr-18	65.53%	2016
Consent Decree Duration (60 Months)		1828	24-Apr-13 A	25-Apr-18	61.98%	1828
OS1030	Consent Decree Duration (60 Months)	1828	24-Apr-13 A	25-Apr-18	61.96%	1827
OS1040	Consent Decree Duration Completion Milestone	0		25-Apr-18*	0%	0
Project Procurement		97	18-Oct-12 A	22-Jan-13 A	100%	97
OS1080	CD Prequalification Procurement (FY 2012 - 2013) Priority I - Development and Issuance of RFP	45	18-Oct-12 A	01-Dec-12 A	100%	45
OS1090	Consultant develops and Submit Scope and Cost proposal	10	02-Dec-12 A	11-Dec-12 A	100%	10
OS1100	PMO Reviews/ Negotiates and Approve Proposal / Agreement	10	12-Dec-12 A	21-Dec-12 A	100%	10
OS1110	PMO Approved Agreement to Council for Approval	18	22-Dec-12 A	08-Jan-13 A	100%	18
OS1120	Consultant Signed Agreement to City for Execution	14	09-Jan-13 A	22-Jan-13 A	100%	14
Planning Phase		265	24-Jan-13 A	16-Oct-13 A	100%	265
OS1000	Planning Phase	265	24-Jan-13 A	16-Oct-13 A	100%	265
Engineering Phase		860	18-Oct-13 A	24-Feb-16 A	100%	860
OS1010	Engineering	860	18-Oct-13 A	24-Feb-16 A	100%	860
Construction Bidding Phase		126	25-Feb-16 A	29-Jun-16	53.13%	64
OS1060	Construction Bidding Phase	126	25-Feb-16 A	29-Jun-16	53.13%	64
Construction Phase		287	30-Jun-16	12-Apr-17	0%	287
OS1070	Construction Phase	287	30-Jun-16	12-Apr-17	0%	287
Project Completion Report		30	13-Apr-17	12-May-17	0%	30
OS1170	SEP Completion Report	30	13-Apr-17	12-May-17	0%	30
EPA and TDEC Approvals		67	13-May-17	18-Jul-17	0%	67
OS1130	Place Copy of EPA and TDEC Submittal in PDR	7	13-May-17	19-May-17	0%	7
OS1140	EPA Review and Approval	60	13-May-17	11-Jul-17	0%	60
OS1150	TDEC Review and Approval	60	13-May-17	11-Jul-17	0%	60
OS1160	Submit Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval by EPA)	7	12-Jul-17	18-Jul-17	0%	7
Section IX - Reporting Requirement		3086	24-Apr-13 A	04-Oct-21	36.71%	3086
Para 38 - Quarterly Reports		2876	24-Apr-13 A	08-Mar-21	39.39%	2876
Quarterly Reports		2876	24-Apr-13 A	08-Mar-21	39.39%	2876
Quarterly Report - 2013		292	24-Apr-13 A	10-Feb-14 A	100%	311
CR1000	Quarterly Report Period 1	160	24-Apr-13 A	30-Sep-13 A	100%	160
CR1010	Develop Quarterly Report	30	30-Sep-13 A	29-Oct-13 A	100%	30
CR1020	Submit Deliverable to EPA and TDEC	1	30-Oct-13 A	30-Oct-13 A	100%	1
CR1030	Place Copy of EPA and TDEC Submittal in PDR	1	30-Oct-13 A	30-Oct-13 A	100%	1

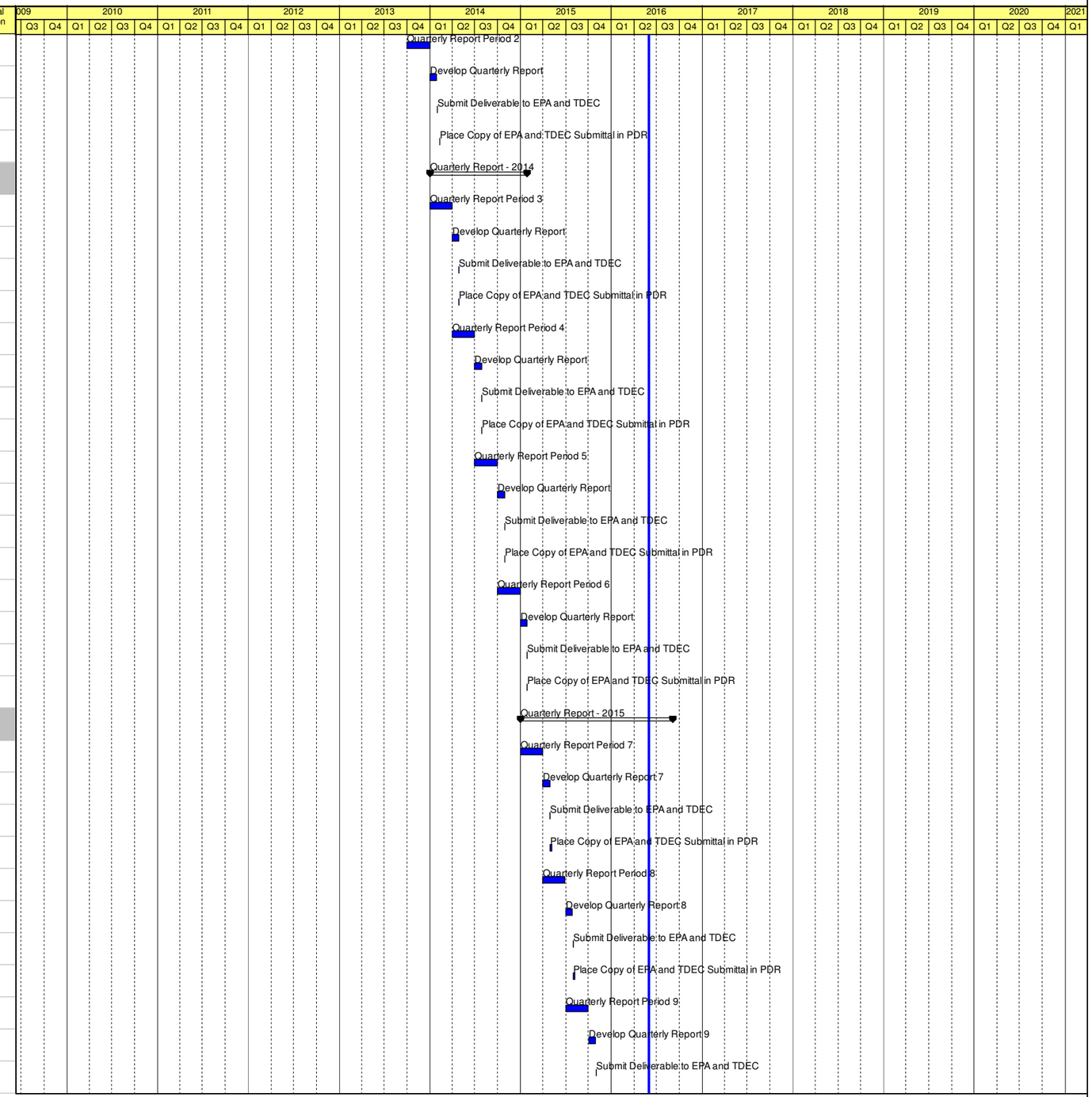


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS®

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
CR1040	Quarterly Report Period 2	93	30-Sep-13 A	31-Dec-13 A	100%	93
CR1050	Develop Quarterly Report	28	01-Jan-14 A	29-Jan-14 A	100%	28
CR1060	Submit Deliverable to EPA and TDEC	0	30-Jan-14 A	30-Jan-14 A	100%	0
CR1070	Place Copy of EPA and TDEC Submittal in PDR	0	10-Feb-14 A	10-Feb-14 A	100%	0
Quarterly Report - 2014		390	01-Jan-14 A	26-Jan-15 A	100%	391
CR1080	Quarterly Report Period 3	89	01-Jan-14 A	31-Mar-14 A	100%	89
CR1090	Develop Quarterly Report	27	01-Apr-14 A	28-Apr-14 A	100%	27
CR1100	Submit Deliverable to EPA and TDEC	0	29-Apr-14 A	29-Apr-14 A	100%	0
CR1110	Place Copy of EPA and TDEC Submittal in PDR	0	29-Apr-14 A	29-Apr-14 A	100%	0
CR1120	Quarterly Report Period 4	90	01-Apr-14 A	30-Jun-14 A	100%	90
CR1130	Develop Quarterly Report	28	30-Jun-14 A	28-Jul-14 A	100%	28
CR1140	Submit Deliverable to EPA and TDEC	0	29-Jul-14 A	29-Jul-14 A	100%	0
CR1150	Place Copy of EPA and TDEC Submittal in PDR	0	29-Jul-14 A	29-Jul-14 A	100%	0
CR1160	Quarterly Report Period 5	91	01-Jul-14 A	30-Sep-14 A	100%	91
CR1170	Develop Quarterly Report	29	30-Sep-14 A	29-Oct-14 A	100%	29
CR1180	Submit Deliverable to EPA and TDEC	0	29-Oct-14 A	29-Oct-14 A	100%	0
CR1190	Place Copy of EPA and TDEC Submittal in PDR	0	29-Oct-14 A	29-Oct-14 A	100%	0
CR1200	Quarterly Report Period 6	91	01-Oct-14 A	31-Dec-14 A	100%	91
CR1210	Develop Quarterly Report	26	31-Dec-14 A	26-Jan-15 A	100%	26
CR1220	Submit Deliverable to EPA and TDEC	0	26-Jan-15 A	26-Jan-15 A	100%	0
CR1230	Place Copy of EPA and TDEC Submittal in PDR	0	26-Jan-15 A	26-Jan-15 A	100%	0
Quarterly Report - 2015		614	01-Jan-15 A	05-Sep-16	80.2%	495
CR1240	Quarterly Report Period 7	89	01-Jan-15 A	31-Mar-15 A	100%	89
CR1250	Develop Quarterly Report 7	28	01-Apr-15 A	29-Apr-15 A	100%	28
CR1260	Submit Deliverable to EPA and TDEC	0	30-Apr-15 A	30-Apr-15 A	100%	0
CR1270	Place Copy of EPA and TDEC Submittal in PDR	6	01-May-15 A	07-May-15 A	100%	6
CR1280	Quarterly Report Period 8	90	01-Apr-15 A	30-Jun-15 A	100%	90
CR1290	Develop Quarterly Report 8	29	01-Jul-15 A	30-Jul-15 A	100%	29
CR1300	Submit Deliverable to EPA and TDEC	0	31-Jul-15 A	31-Jul-15 A	100%	0
CR1310	Place Copy of EPA and TDEC Submittal in PDR	6	01-Aug-15 A	07-Aug-15 A	100%	6
CR1320	Quarterly Report Period 9	91	01-Jul-15 A	30-Sep-15 A	100%	91
CR4210	Develop Quarterly Report 9	30	01-Oct-15 A	30-Oct-15 A	100%	30
CR4220	Submit Deliverable to EPA and TDEC	1	31-Oct-15 A	31-Oct-15 A	100%	1

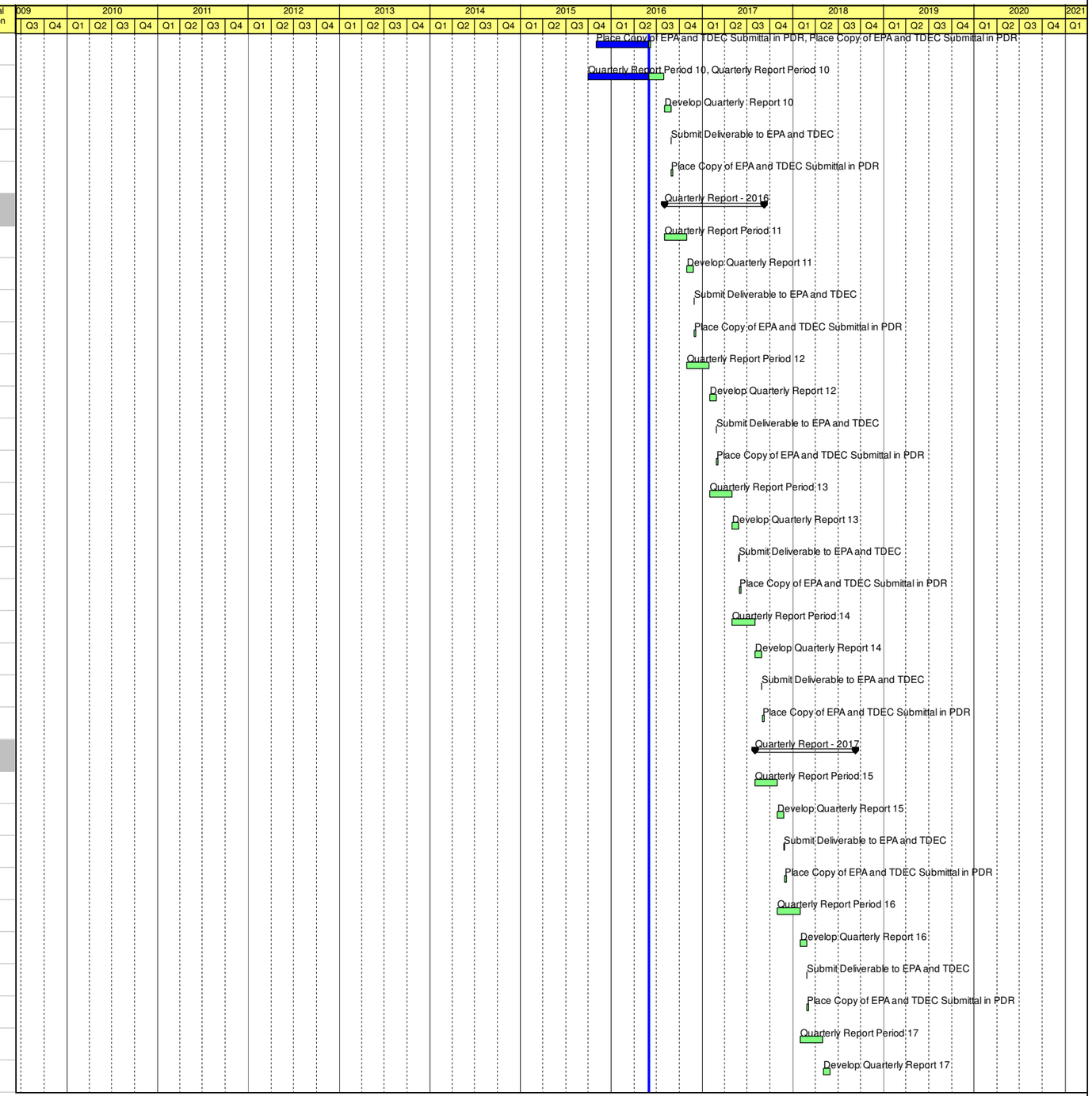


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS®

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
CR4230	Place Copy of EPA and TDEC Submittal in PDR	220	31-Oct-15 A	06-Jun-16	96.3%	189
CR4240	Quarterly Report Period 10	305	01-Oct-15 A	31-Jul-16	77.37%	274
CR4250	Develop Quarterly Report 10	28	01-Aug-16	28-Aug-16	0%	28
CR4260	Submit Deliverable to EPA and TDEC	1	29-Aug-16	29-Aug-16	0%	1
CR4270	Place Copy of EPA and TDEC Submittal in PDR	7	30-Aug-16	05-Sep-16	0%	7
Quarterly Report - 2016		401	01-Aug-16	05-Sep-17	0%	401
CR8320	Quarterly Report Period 11	91	01-Aug-16	30-Oct-16	0%	91
CR8330	Develop Quarterly Report 11	28	31-Oct-16	27-Nov-16	0%	28
CR8340	Submit Deliverable to EPA and TDEC	1	28-Nov-16	28-Nov-16	0%	1
CR8350	Place Copy of EPA and TDEC Submittal in PDR	7	29-Nov-16	05-Dec-16	0%	7
CR8360	Quarterly Report Period 12	91	31-Oct-16	29-Jan-17	0%	91
CR8370	Develop Quarterly Report 12	28	30-Jan-17	26-Feb-17	0%	28
CR8380	Submit Deliverable to EPA and TDEC	1	27-Feb-17	27-Feb-17	0%	1
CR8390	Place Copy of EPA and TDEC Submittal in PDR	7	27-Feb-17	05-Mar-17	0%	7
CR8400	Quarterly Report Period 13	92	30-Jan-17	01-May-17	0%	92
CR8410	Develop Quarterly Report 13	27	02-May-17	28-May-17	0%	27
CR8420	Submit Deliverable to EPA and TDEC	1	29-May-17	29-May-17	0%	1
CR8430	Place Copy of EPA and TDEC Submittal in PDR	7	30-May-17	05-Jun-17	0%	7
CR8440	Quarterly Report Period 14	92	02-May-17	01-Aug-17	0%	92
CR8450	Develop Quarterly Report 14	27	02-Aug-17	28-Aug-17	0%	27
CR8460	Submit Deliverable to EPA and TDEC	1	29-Aug-17	29-Aug-17	0%	1
CR8470	Place Copy of EPA and TDEC Submittal in PDR	7	30-Aug-17	05-Sep-17	0%	7
Quarterly Report - 2017		403	02-Aug-17	08-Sep-18	0%	403
CR8480	Quarterly Report Period 15	90	02-Aug-17	30-Oct-17	0%	90
CR8490	Develop Quarterly Report 15	27	31-Oct-17	26-Nov-17	0%	27
CR8500	Submit Deliverable to EPA and TDEC	1	27-Nov-17	27-Nov-17	0%	1
CR8510	Place Copy of EPA and TDEC Submittal in PDR	7	28-Nov-17	04-Dec-17	0%	7
CR8520	Quarterly Report Period 16	91	31-Oct-17	29-Jan-18	0%	91
CR8530	Develop Quarterly Report 16	27	30-Jan-18	25-Feb-18	0%	27
CR8540	Submit Deliverable to EPA and TDEC	1	26-Feb-18	26-Feb-18	0%	1
CR8550	Place Copy of EPA and TDEC Submittal in PDR	7	27-Feb-18	05-Mar-18	0%	7
CR8560	Quarterly Report Period 17	92	30-Jan-18	01-May-18	0%	92
CR8570	Develop Quarterly Report 17	30	02-May-18	31-May-18	0%	30

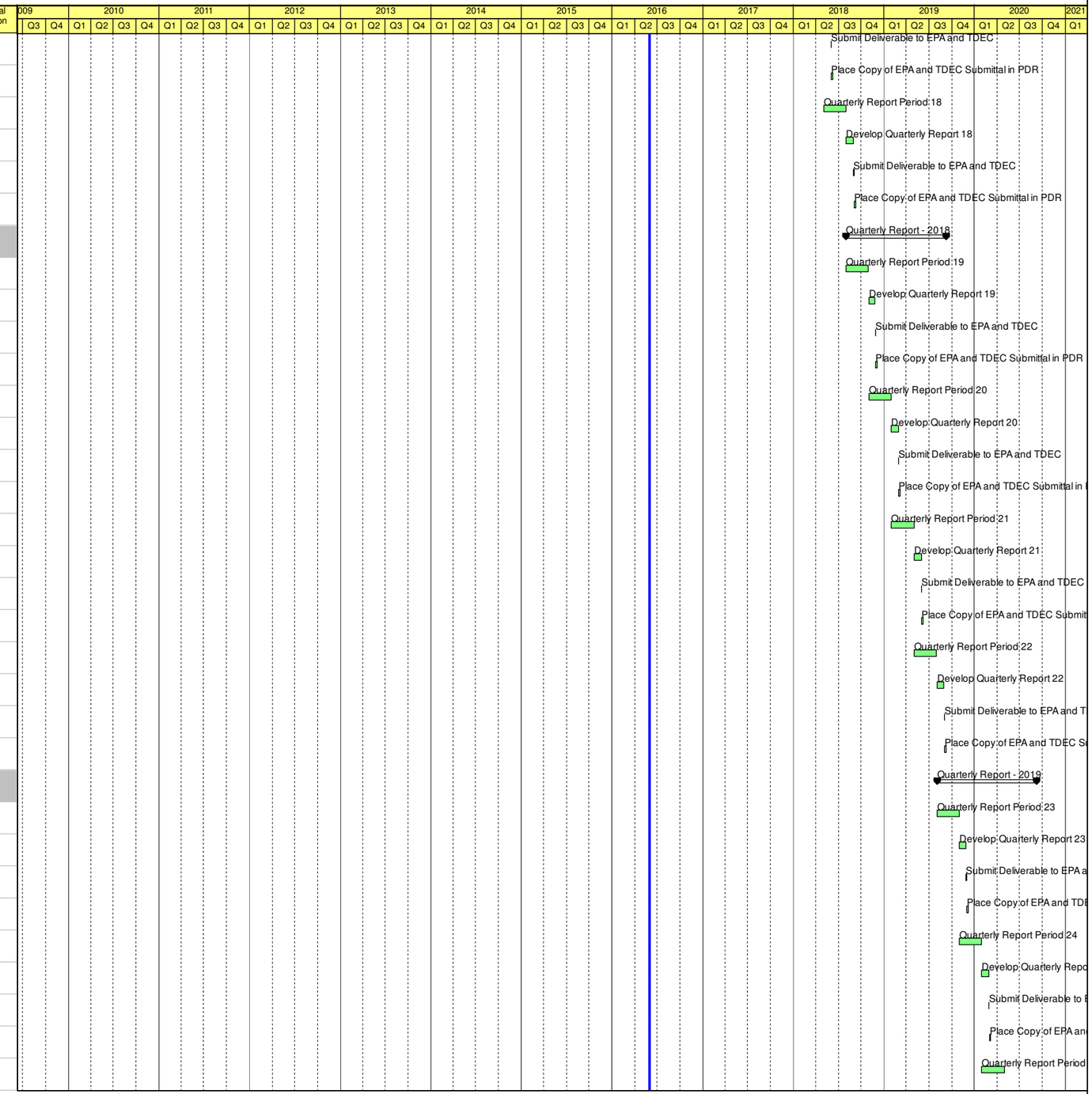


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS®

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
CR8580	Submit Deliverable to EPA and TDEC	1	01-Jun-18	01-Jun-18	0%	1
CR8590	Place Copy of EPA and TDEC Submittal in PDR	7	02-Jun-18	08-Jun-18	0%	7
CR8600	Quarterly Report Period 18	92	02-May-18	01-Aug-18	0%	92
CR8610	Develop Quarterly Report 18	30	02-Aug-18	31-Aug-18	0%	30
CR8620	Submit Deliverable to EPA and TDEC	1	01-Sep-18	01-Sep-18	0%	1
CR8630	Place Copy of EPA and TDEC Submittal in PDR	7	02-Sep-18	08-Sep-18	0%	7
Quarterly Report - 2018		403	02-Aug-18	08-Sep-19	0%	403
CR8640	Quarterly Report Period 19	90	02-Aug-18	30-Oct-18	0%	90
CR8650	Develop Quarterly Report 19	27	31-Oct-18	26-Nov-18	0%	27
CR8660	Submit Deliverable to EPA and TDEC	1	27-Nov-18	27-Nov-18	0%	1
CR8670	Place Copy of EPA and TDEC Submittal in PDR	7	28-Nov-18	04-Dec-18	0%	7
CR8680	Quarterly Report Period 20	91	31-Oct-18	29-Jan-19	0%	91
CR8690	Develop Quarterly Report 20	30	30-Jan-19	28-Feb-19	0%	30
CR8700	Submit Deliverable to EPA and TDEC	1	01-Mar-19	01-Mar-19	0%	1
CR8710	Place Copy of EPA and TDEC Submittal in PDR	7	02-Mar-19	08-Mar-19	0%	7
CR8720	Quarterly Report Period 21	92	30-Jan-19	01-May-19	0%	92
CR8730	Develop Quarterly Report 21	30	02-May-19	31-May-19	0%	30
CR8740	Submit Deliverable to EPA and TDEC	1	01-Jun-19	01-Jun-19	0%	1
CR8750	Place Copy of EPA and TDEC Submittal in PDR	7	02-Jun-19	08-Jun-19	0%	7
CR8760	Quarterly Report Period 22	92	02-May-19	01-Aug-19	0%	92
CR8770	Develop Quarterly Report 22	30	02-Aug-19	31-Aug-19	0%	30
CR8780	Submit Deliverable to EPA and TDEC	1	01-Sep-19	01-Sep-19	0%	1
CR8790	Place Copy of EPA and TDEC Submittal in PDR	7	02-Sep-19	08-Sep-19	0%	7
Quarterly Report - 2019		403	02-Aug-19	07-Sep-20	0%	403
CR8800	Quarterly Report Period 23	90	02-Aug-19	30-Oct-19	0%	90
CR8810	Develop Quarterly Report 23	29	31-Oct-19	28-Nov-19	0%	29
CR8820	Submit Deliverable to EPA and TDEC	1	29-Nov-19	29-Nov-19	0%	1
CR8830	Place Copy of EPA and TDEC Submittal in PDR	7	30-Nov-19	06-Dec-19	0%	7
CR8840	Quarterly Report Period 24	91	31-Oct-19	29-Jan-20	0%	91
CR8850	Develop Quarterly Report 24	30	30-Jan-20	28-Feb-20	0%	30
CR8860	Submit Deliverable to EPA and TDEC	1	29-Feb-20	29-Feb-20	0%	1
CR8870	Place Copy of EPA and TDEC Submittal in PDR	7	01-Mar-20	07-Mar-20	0%	7
CR8880	Quarterly Report Period 25	92	30-Jan-20	30-Apr-20	0%	92



Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS®

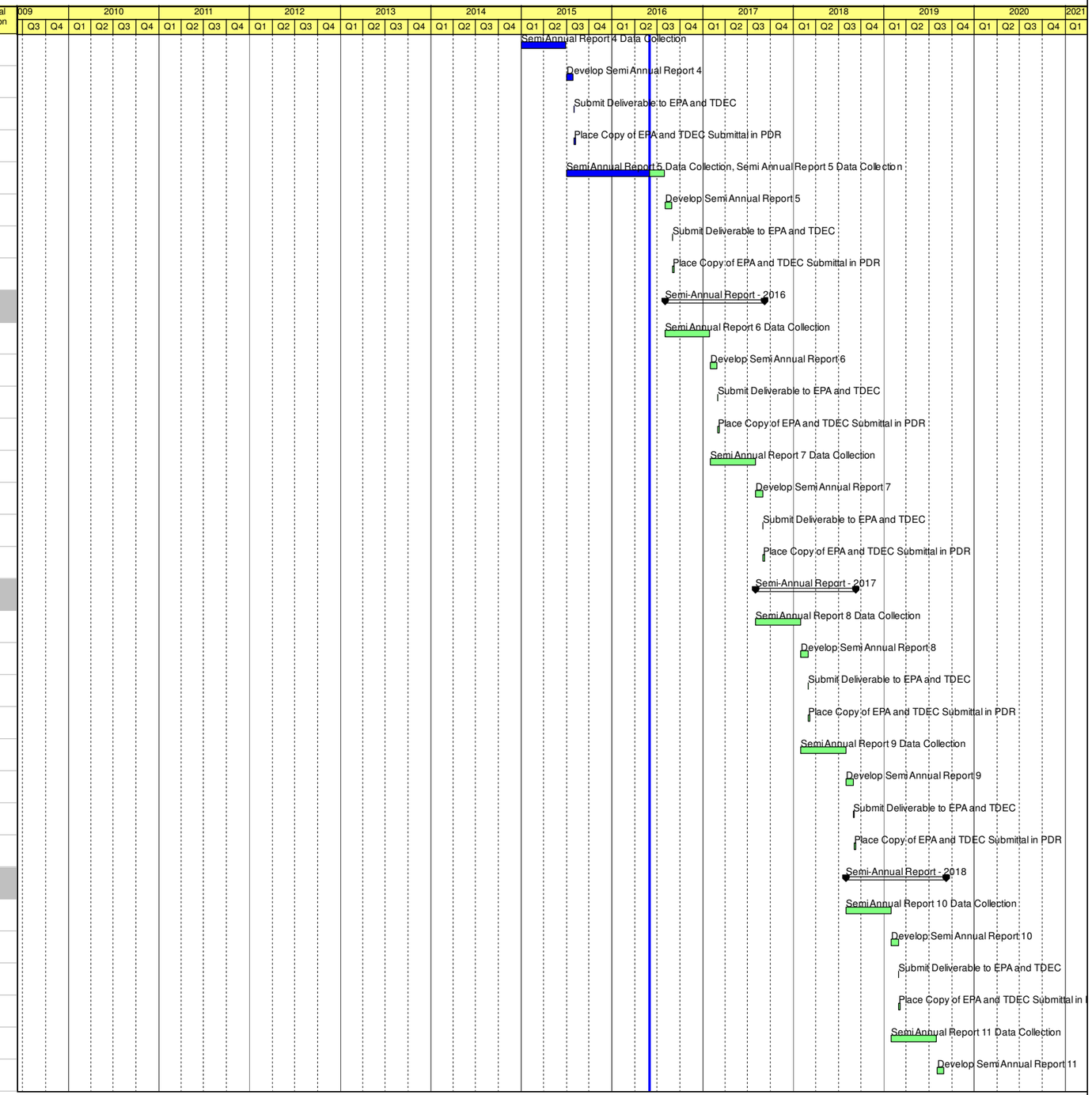
Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
CR8890	Develop Quarterly Report 25	30	01-May-20	30-May-20	0%	30
CR8900	Submit Deliverable to EPA and TDEC	1	31-May-20	31-May-20	0%	1
CR8910	Place Copy of EPA and TDEC Submittal in PDR	7	01-Jun-20	07-Jun-20	0%	7
CR8920	Quarterly Report Period 26	92	01-May-20	31-Jul-20	0%	92
CR8930	Develop Quarterly Report 26	30	01-Aug-20	30-Aug-20	0%	30
CR8940	Submit Deliverable to EPA and TDEC	1	31-Aug-20	31-Aug-20	0%	1
CR8950	Place Copy of EPA and TDEC Submittal in PDR	7	01-Sep-20	07-Sep-20	0%	7
Quarterly Report - 2020		220	01-Aug-20	08-Mar-21	0%	220
CR8960	Quarterly Report Period 27	91	01-Aug-20	30-Oct-20	0%	91
CR8970	Develop Quarterly Report 27	29	31-Oct-20	28-Nov-20	0%	29
CR8980	Submit Deliverable to EPA and TDEC	1	29-Nov-20	29-Nov-20	0%	1
CR8990	Place Copy of EPA and TDEC Submittal in PDR	7	30-Nov-20	06-Dec-20	0%	7
CR9000	Quarterly Report Period 28	91	31-Oct-20	29-Jan-21	0%	91
CR9010	Develop Quarterly Report 28	30	30-Jan-21	28-Feb-21	0%	30
CR9020	Submit Deliverable to EPA and TDEC	1	01-Mar-21	01-Mar-21	0%	1
CR9030	Place Copy of EPA and TDEC Submittal in PDR	7	02-Mar-21	08-Mar-21	0%	7
Para 39 - Semi Annual Reports		2876	24-Apr-13 A	08-Mar-21	38.58%	2838
Semi Annual Reports		2876	24-Apr-13 A	08-Mar-21	38.58%	2838
Semi-Annual Report - 2013		292	24-Apr-13 A	10-Feb-14 A	100%	273
CR4000	Semi Annual Report Period 1	252	24-Apr-13 A	31-Dec-13 A	100%	252
CR4010	Develop Semi Annual Report	28	01-Jan-14 A	29-Jan-14 A	100%	28
CR4020	Submit Deliverable to EPA and TDEC	0	30-Jan-14 A	30-Jan-14 A	100%	0
CR4030	Place Copy of EPA and TDEC Submittal in PDR	0	10-Feb-14 A	10-Feb-14 A	100%	0
Semi-Annual Report - 2014		392	01-Jan-14 A	28-Jan-15 A	100%	365
CR4040	Semi Annual Report Period 2	180	01-Jan-14 A	30-Jun-14 A	100%	180
CR4050	Develop Semi Annual Report	27	01-Jul-14 A	28-Jul-14 A	100%	27
CR4060	Submit Deliverable to EPA and TDEC	0	29-Jul-14 A	29-Jul-14 A	100%	0
CR4070	Place Copy of EPA and TDEC Submittal in PDR	0	29-Jul-14 A	29-Jul-14 A	100%	0
CR4080	Semi Annual Report Period 3	183	01-Jul-14 A	31-Dec-14 A	100%	183
CR4090	Develop Semi Annual Report	27	31-Dec-14 A	27-Jan-15 A	100%	27
CR4100	Submit Deliverable to EPA and TDEC	0	27-Jan-15 A	27-Jan-15 A	100%	0
CR4110	Place Copy of EPA and TDEC Submittal in PDR	0	28-Jan-15 A	28-Jan-15 A	100%	0
Semi-Annual Report - 2015		616	01-Jan-15 A	07-Sep-16	79.51%	488

Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
CR4120	Semi Annual Report 4 Data Collection	180	01-Jan-15 A	30-Jun-15 A	100%	180
CR4130	Develop Semi Annual Report 4	29	01-Jul-15 A	30-Jul-15 A	100%	29
CR4140	Submit Deliverable to EPA and TDEC	0	31-Jul-15 A	31-Jul-15 A	100%	0
CR4150	Place Copy of EPA and TDEC Submittal in PDR	7	31-Jul-15 A	07-Aug-15 A	100%	7
CR4160	Semi Annual Report 5 Data Collection	397	01-Jul-15 A	31-Jul-16	83.06%	366
CR4170	Develop Semi Annual Report 5	30	01-Aug-16	30-Aug-16	0%	30
CR4180	Submit Deliverable to EPA and TDEC	1	31-Aug-16	31-Aug-16	0%	1
CR4190	Place Copy of EPA and TDEC Submittal in PDR	7	01-Sep-16	07-Sep-16	0%	7
Semi-Annual Report - 2016		404	01-Aug-16	08-Sep-17	0%	404
CR9040	Semi Annual Report 6 Data Collection	182	01-Aug-16	29-Jan-17	0%	182
CR9050	Develop Semi Annual Report 6	30	30-Jan-17	28-Feb-17	0%	30
CR9060	Submit Deliverable to EPA and TDEC	1	01-Mar-17	01-Mar-17	0%	1
CR9070	Place Copy of EPA and TDEC Submittal in PDR	7	02-Mar-17	08-Mar-17	0%	7
CR9080	Semi Annual Report 7 Data Collection	184	30-Jan-17	01-Aug-17	0%	184
CR9090	Develop Semi Annual Report 7	30	02-Aug-17	31-Aug-17	0%	30
CR9100	Submit Deliverable to EPA and TDEC	1	01-Sep-17	01-Sep-17	0%	1
CR9110	Place Copy of EPA and TDEC Submittal in PDR	7	02-Sep-17	08-Sep-17	0%	7
Semi-Annual Report - 2017		403	02-Aug-17	08-Sep-18	0%	403
CR9120	Semi Annual Report 8 Data Collection	181	02-Aug-17	29-Jan-18	0%	181
CR9130	Develop Semi Annual Report 8	30	30-Jan-18	28-Feb-18	0%	30
CR9140	Submit Deliverable to EPA and TDEC	1	01-Mar-18	01-Mar-18	0%	1
CR9150	Place Copy of EPA and TDEC Submittal in PDR	7	02-Mar-18	08-Mar-18	0%	7
CR9160	Semi Annual Report 9 Data Collection	184	30-Jan-18	01-Aug-18	0%	184
CR9170	Develop Semi Annual Report 9	30	02-Aug-18	31-Aug-18	0%	30
CR9180	Submit Deliverable to EPA and TDEC	1	01-Sep-18	01-Sep-18	0%	1
CR9190	Place Copy of EPA and TDEC Submittal in PDR	7	02-Sep-18	08-Sep-18	0%	7
Semi-Annual Report - 2018		403	02-Aug-18	08-Sep-19	0%	403
CR9200	Semi Annual Report 10 Data Collection	181	02-Aug-18	29-Jan-19	0%	181
CR9210	Develop Semi Annual Report 10	30	30-Jan-19	28-Feb-19	0%	30
CR9220	Submit Deliverable to EPA and TDEC	1	01-Mar-19	01-Mar-19	0%	1
CR9230	Place Copy of EPA and TDEC Submittal in PDR	7	02-Mar-19	08-Mar-19	0%	7
CR9240	Semi Annual Report 11 Data Collection	184	30-Jan-19	01-Aug-19	0%	184
CR9250	Develop Semi Annual Report 11	30	02-Aug-19	31-Aug-19	0%	30

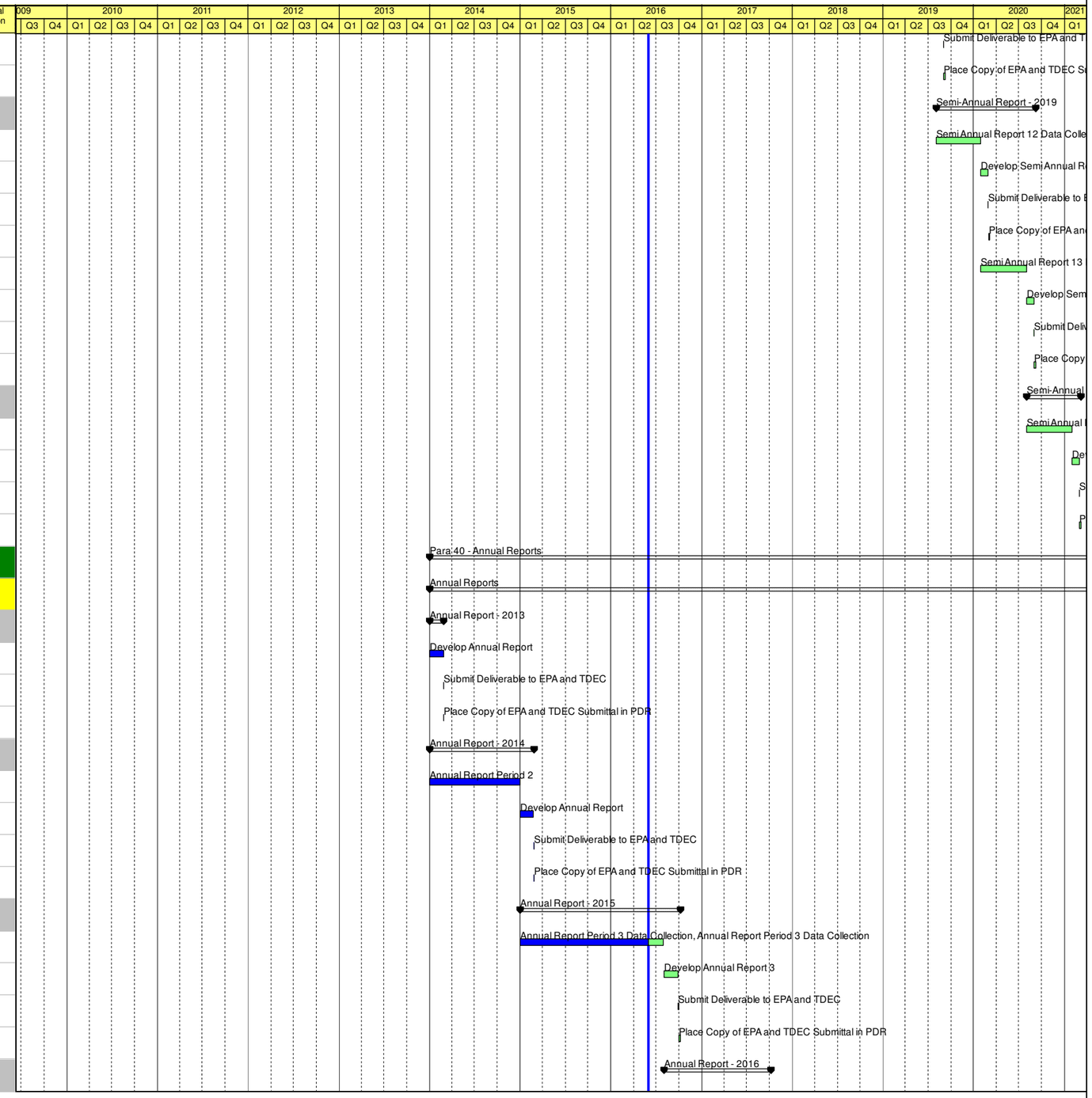


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS®

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
CR9260	Submit Deliverable to EPA and TDEC	1	01-Sep-19	01-Sep-19	0%	1
CR9270	Place Copy of EPA and TDEC Submittal in PDR	7	02-Sep-19	08-Sep-19	0%	7
Semi-Annual Report - 2019		403	02-Aug-19	07-Sep-20	0%	403
CR9280	Semi Annual Report 12 Data Collection	181	02-Aug-19	29-Jan-20	0%	181
CR9290	Develop Semi Annual Report 12	30	30-Jan-20	28-Feb-20	0%	30
CR9300	Submit Deliverable to EPA and TDEC	1	29-Feb-20	29-Feb-20	0%	1
CR9310	Place Copy of EPA and TDEC Submittal in PDR	7	01-Mar-20	07-Mar-20	0%	7
CR9320	Semi Annual Report 13 Data Collection	184	30-Jan-20	31-Jul-20	0%	184
CR9330	Develop Semi Annual Report 13	30	01-Aug-20	30-Aug-20	0%	30
CR9340	Submit Deliverable to EPA and TDEC	1	31-Aug-20	31-Aug-20	0%	1
CR9350	Place Copy of EPA and TDEC Submittal in PDR	7	01-Sep-20	07-Sep-20	0%	7
Semi-Annual Report - 2020		220	01-Aug-20	08-Mar-21	0%	220
CR9360	Semi Annual Report 14 Data Collection	182	01-Aug-20	29-Jan-21	0%	182
CR9370	Develop Semi Annual Report 14	30	30-Jan-21	28-Feb-21	0%	30
CR9380	Submit Deliverable to EPA and TDEC	1	01-Mar-21	01-Mar-21	0%	1
CR9390	Place Copy of EPA and TDEC Submittal in PDR	7	02-Mar-21	08-Mar-21	0%	7
Para 40 - Annual Reports		2834	01-Jan-14 A	04-Oct-21	30.35%	2804
Annual Reports		2834	01-Jan-14 A	04-Oct-21	30.35%	2804
Annual Report - 2013		59	01-Jan-14 A	28-Feb-14 A	100%	56
CR8010	Develop Annual Report	56	01-Jan-14 A	26-Feb-14 A	100%	56
CR8020	Submit Deliverable to EPA and TDEC	0	27-Feb-14 A	27-Feb-14 A	100%	0
CR8030	Place Copy of EPA and TDEC Submittal in PDR	1	28-Feb-14 A	28-Feb-14 A	100%	1
Annual Report - 2014		420	01-Jan-14 A	25-Feb-15 A	100%	418
CR8040	Annual Report Period 2	364	01-Jan-14 A	31-Dec-14 A	100%	364
CR8050	Develop Annual Report	55	31-Dec-14 A	24-Feb-15 A	100%	55
CR8060	Submit Deliverable to EPA and TDEC	0	25-Feb-15 A	25-Feb-15 A	100%	0
CR8070	Place Copy of EPA and TDEC Submittal in PDR	0	25-Feb-15 A	25-Feb-15 A	100%	0
Annual Report - 2015		645	01-Jan-15 A	06-Oct-16	76.42%	547
CR8080	Annual Report Period 3 Data Collection	578	01-Jan-15 A	31-Jul-16	88.67%	547
CR8090	Develop Annual Report 3	59	01-Aug-16	28-Sep-16	0%	59
CR8100	Submit Deliverable to EPA and TDEC	1	29-Sep-16	29-Sep-16	0%	1
CR8110	Place Copy of EPA and TDEC Submittal in PDR	7	30-Sep-16	06-Oct-16	0%	7
Annual Report - 2016		432	01-Aug-16	06-Oct-17	0%	432

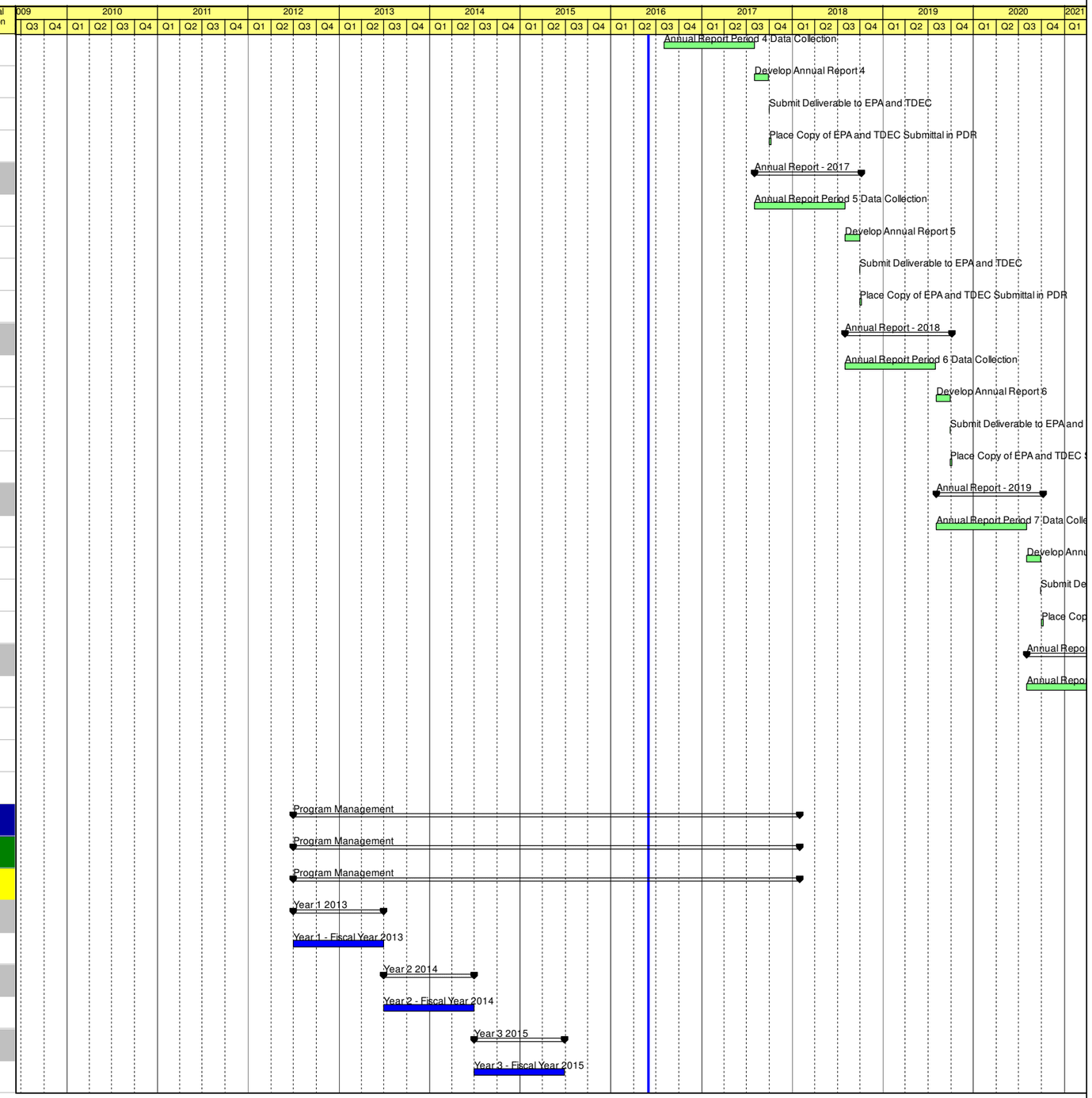


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
CR8120	Annual Report Period 4 Data Collection	366	01-Aug-16	01-Aug-17	0%	366
CR8130	Develop Annual Report 4	58	02-Aug-17	28-Sep-17	0%	58
CR8140	Submit Deliverable to EPA and TDEC	1	29-Sep-17	29-Sep-17	0%	1
CR8150	Place Copy of EPA and TDEC Submittal in PDR	7	30-Sep-17	06-Oct-17	0%	7
Annual Report - 2017		431	02-Aug-17	06-Oct-18	0%	431
CR8160	Annual Report Period 5 Data Collection	365	02-Aug-17	01-Aug-18	0%	365
CR8170	Develop Annual Report 5	58	02-Aug-18	28-Sep-18	0%	58
CR8180	Submit Deliverable to EPA and TDEC	1	29-Sep-18	29-Sep-18	0%	1
CR8190	Place Copy of EPA and TDEC Submittal in PDR	7	30-Sep-18	06-Oct-18	0%	7
Annual Report - 2018		431	02-Aug-18	06-Oct-19	0%	431
CR8200	Annual Report Period 6 Data Collection	365	02-Aug-18	01-Aug-19	0%	365
CR8210	Develop Annual Report 6	58	02-Aug-19	28-Sep-19	0%	58
CR8220	Submit Deliverable to EPA and TDEC	1	29-Sep-19	29-Sep-19	0%	1
CR8230	Place Copy of EPA and TDEC Submittal in PDR	7	30-Sep-19	06-Oct-19	0%	7
Annual Report - 2019		431	02-Aug-19	05-Oct-20	0%	431
CR8240	Annual Report Period 7 Data Collection	365	02-Aug-19	31-Jul-20	0%	365
CR8250	Develop Annual Report 7	58	01-Aug-20	27-Sep-20	0%	58
CR8260	Submit Deliverable to EPA and TDEC	1	28-Sep-20	28-Sep-20	0%	1
CR8270	Place Copy of EPA and TDEC Submittal in PDR	7	29-Sep-20	05-Oct-20	0%	7
Annual Report - 2020		430	01-Aug-20	04-Oct-21	0%	430
CR8280	Annual Report Period 8 Data Collection	366	01-Aug-20	01-Aug-21	0%	366
CR8290	Develop Annual Report 8	56	02-Aug-21	26-Sep-21	0%	56
CR8300	Submit Deliverable to EPA and TDEC	1	27-Sep-21	27-Sep-21	0%	1
CR8310	Place Copy of EPA and TDEC Submittal in PDR	7	28-Sep-21	04-Oct-21	0%	7
Program Management		2039	01-Jul-12 A	29-Jan-18	25.91%	822
Program Management		2039	01-Jul-12 A	29-Jan-18	25.91%	822
Program Management		2039	01-Jul-12 A	29-Jan-18	25.91%	822
Year 1 2013		364	01-Jul-12 A	30-Jun-13 A	100%	364
AI5000	Year 1 - Fiscal Year 2013	364	01-Jul-12 A	30-Jun-13 A	100%	364
Year 2 2014		364	01-Jul-13 A	30-Jun-14 A	100%	364
AI5100	Year 2 - Fiscal Year 2014	364	01-Jul-13 A	30-Jun-14 A	100%	364
Year 3 2015		364	01-Jul-14 A	30-Jun-15 A	100%	364
AI5200	Year 3 - Fiscal Year 2015	364	01-Jul-14 A	30-Jun-15 A	100%	364

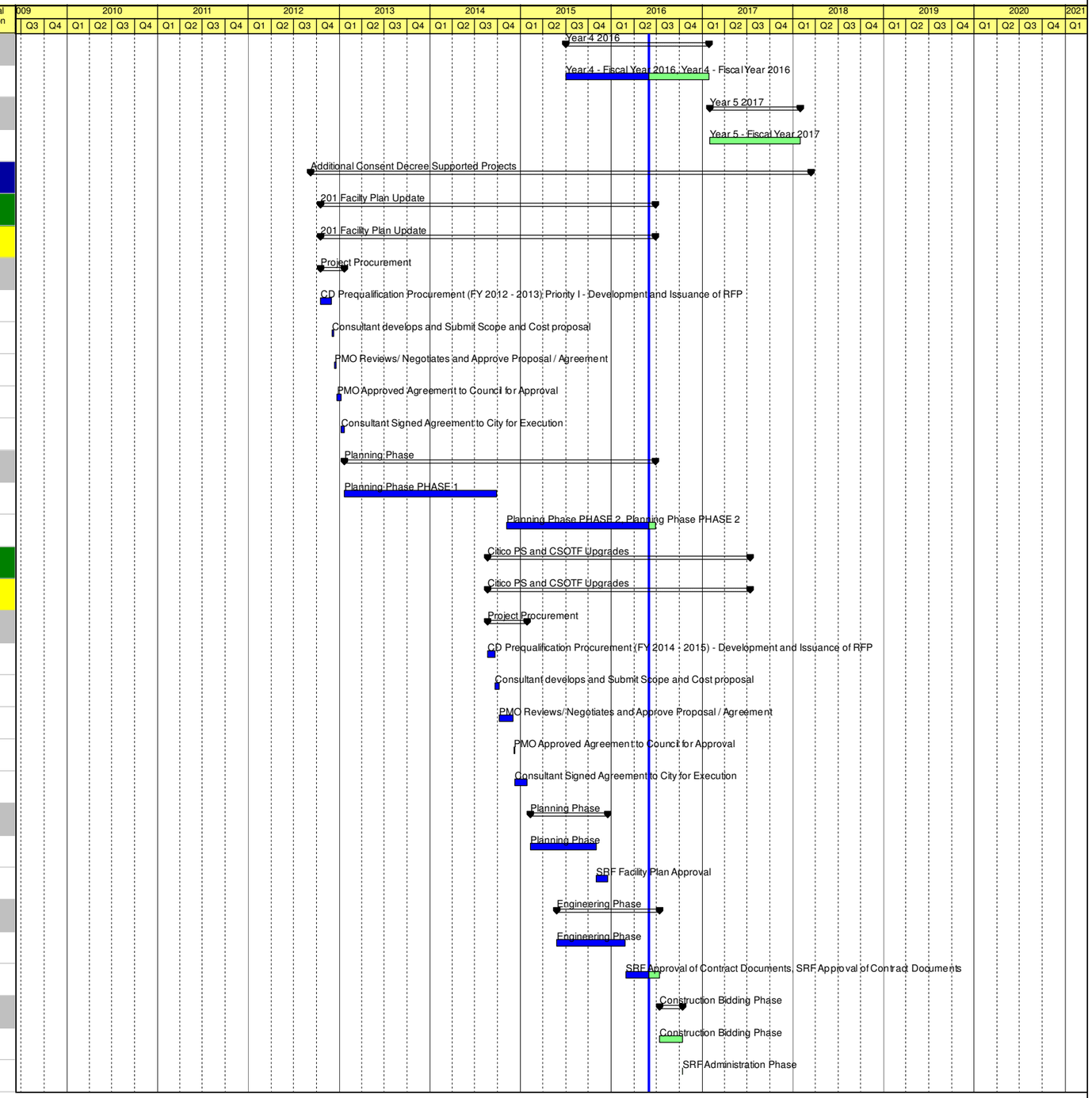


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS®

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
Year 4 2016		579	01-Jul-15 A	29-Jan-17	55.47%	548
AI5300	Year 4 - Fiscal Year 2016	579	01-Jul-15 A	29-Jan-17	55.47%	548
Year 5 2017		365	30-Jan-17	29-Jan-18	0%	365
AI5400	Year 5 - Fiscal Year 2017	365	30-Jan-17	29-Jan-18	0%	365
Additional Consent Decree Supported Projects		2016	07-Sep-12 A	15-Mar-18	67.56%	2016
201 Facilty Plan Update		1347	18-Oct-12 A	25-Jun-16	96.33%	709
201 Facility Plan Update		1347	18-Oct-12 A	25-Jun-16	96.33%	709
Project Procurement		97	18-Oct-12 A	22-Jan-13 A	100%	97
OP1170	CD Prequalification Procurement (FY 2012 - 2013) Priority I - Development and Issuance of RFP	45	18-Oct-12 A	01-Dec-12 A	100%	45
OP1300	Consultant develops and Submit Scope and Cost proposal	10	02-Dec-12 A	11-Dec-12 A	100%	10
OP1310	PMO Reviews/ Negotiates and Approve Proposal / Agreement	10	12-Dec-12 A	21-Dec-12 A	100%	10
OP1320	PMO Approved Agreement to Council for Approval	18	22-Dec-12 A	08-Jan-13 A	100%	18
OP1330	Consultant Signed Agreement to City for Execution	14	09-Jan-13 A	22-Jan-13 A	100%	14
Planning Phase		1250	23-Jan-13 A	25-Jun-16	95.75%	612
OP1180	Planning Phase PHASE 1	612	23-Jan-13 A	27-Sep-14 A	100%	612
OP1200	Planning Phase PHASE 2	599	05-Nov-14 A	25-Jun-16	95.42%	568
Citico PS and CSOTF Upgrades		1057	21-Aug-14 A	12-Jul-17	55.89%	925
Citico PS and CSOTF Upgrades		1057	21-Aug-14 A	12-Jul-17	55.89%	925
Project Procurement		158	21-Aug-14 A	26-Jan-15 A	100%	57
A1020	CD Prequalification Procurement (FY 2014 - 2015) - Development and Issuance of RFP	29	21-Aug-14 A	19-Sep-14 A	100%	29
A1030	Consultant develops and Submit Scope and Cost proposal	16	20-Sep-14 A	06-Oct-14 A	100%	16
A1040	PMO Reviews/ Negotiates and Approve Proposal / Agreement	57	07-Oct-14 A	03-Dec-14 A	100%	57
A1050	PMO Approved Agreement to Council for Approval	5	04-Dec-14 A	09-Dec-14 A	100%	5
A1060	Consultant Signed Agreement to City for Execution	47	10-Dec-14 A	26-Jan-15 A	100%	47
Planning Phase		310	11-Feb-15 A	17-Dec-15 A	100%	264
A1200	Planning Phase	264	11-Feb-15 A	01-Nov-15 A	100%	264
A1210	SRF Facility Plan Approval	46	02-Nov-15 A	17-Dec-15 A	100%	46
Engineering Phase		414	27-May-15 A	13-Jul-16	87.95%	365
A1300	Engineering Phase	276	27-May-15 A	26-Feb-16 A	100%	276
A1400	SRF Approval of Contract Documents	138	27-Feb-16 A	13-Jul-16	47.62%	84
Construction Bidding Phase		92	14-Jul-16	13-Oct-16	0%	92
A1500	Construction Bidding Phase	92	14-Jul-16	13-Oct-16	0%	92
A1600	SRF Administration Phase	0	13-Oct-16	13-Oct-16	0%	0



Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS

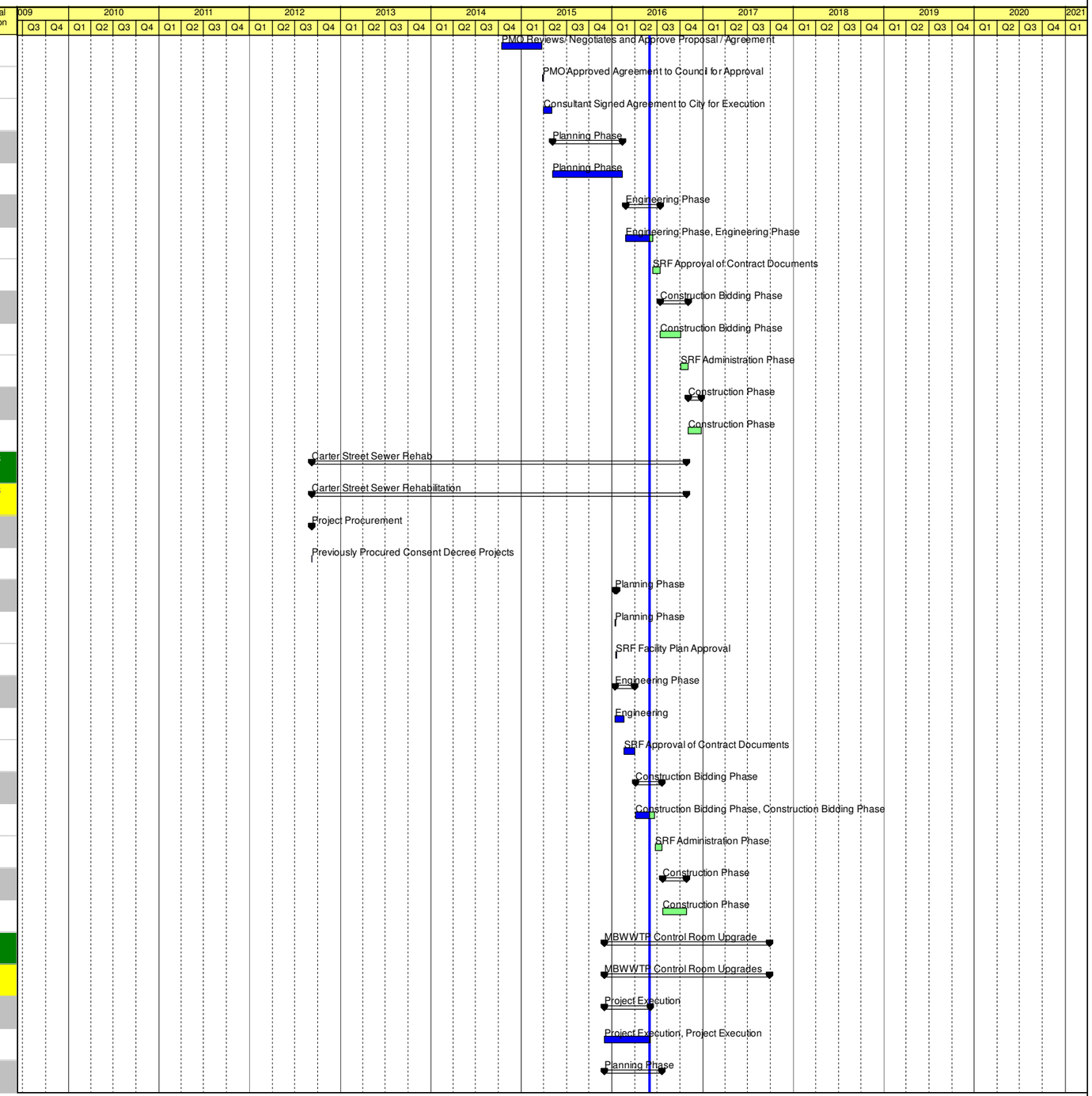
Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
Construction Phase		273	13-Oct-16	12-Jul-17	0%	273
A1700	Construction Phase	273	13-Oct-16	12-Jul-17	0%	273
MBWWTP Detritors Rehab		667	02-Jul-15 A	28-Apr-17	45.14%	607
MBWWTP Detritors Rehab		667	02-Jul-15 A	28-Apr-17	45.14%	607
Planning Phase		253	02-Jul-15 A	10-Mar-16 A	100%	255
A3000	Planning Phase	193	02-Jul-15 A	10-Jan-16 A	100%	193
A3010	SRF Facitlity Plan Approval	54	17-Jan-16 A	10-Mar-16 A	100%	54
Engineering Phase		199	05-Feb-16 A	21-Aug-16	47.13%	157
A3100	Engineering Phase	169	05-Feb-16 A	22-Jul-16	66.24%	157
A3120	SRF Approval of Contract Documents	30	23-Jul-16	21-Aug-16	0%	30
Construction Bidding Phase		50	22-Aug-16	10-Oct-16	0%	50
A3200	Construction Bidding Phase	36	22-Aug-16	26-Sep-16	0%	36
A3220	SRF Administration Phase	14	27-Sep-16	10-Oct-16	0%	14
Construction Phase		200	11-Oct-16	28-Apr-17	0%	200
A3300	Construction Phase	200	11-Oct-16	28-Apr-17	0%	200
Friar's Branch -South Chick Creek 5 Interceptor Rehab		912	16-Sep-15 A	15-Mar-18	29.53%	928
Friar's Branch-South Chick Creek 5 Interceptor Rehab		912	16-Sep-15 A	15-Mar-18	29.53%	928
Planning Phase		191	16-Sep-15 A	24-Mar-16 A	100%	267
A4000	Planning Phase	153	16-Sep-15 A	15-Feb-16 A	100%	153
A4020	SRF Facitlity Plan Approval	38	16-Feb-16 A	24-Mar-16 A	100%	38
Engineering Phase		233	03-Mar-16 A	21-Oct-16	29.76%	205
A4100	Engineering Phase	179	03-Mar-16 A	28-Aug-16	39.19%	148
A4120	SRF Approval of Contract Documents	54	29-Aug-16	21-Oct-16	0%	54
Construction Bidding Phase		150	22-Oct-16	20-Mar-17	0%	150
A4200	Construction Bidding Phase	90	22-Oct-16	19-Jan-17	0%	90
A4220	SRF Administration Phase	60	20-Jan-17	20-Mar-17	0%	60
Construction Phase		360	21-Mar-17	15-Mar-18	0%	360
A4300	Construction Phase	360	21-Mar-17	15-Mar-18	0%	360
South Chick PS Phase II/Spring Creek PS Upgrades		860	21-Aug-14 A	27-Dec-16	71.02%	728
South Chick PS Phase II and Spring Creek PS Upgrades		860	21-Aug-14 A	27-Dec-16	71.02%	728
Project Procurement		257	21-Aug-14 A	05-May-15 A	100%	163
A2000	CD Prequalification Procurement (FY 2014 - 2015) - Development and Issuance of RFP	29	21-Aug-14 A	19-Sep-14 A	100%	29
A2020	Consultant develops and Submit Scope and Cost proposal	23	20-Sep-14 A	13-Oct-14 A	100%	23

Summary
Critical Remaining ...
Actual Level of Effort
Baseline Milestone
Actual Work
Remaining Work

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS®

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
A2030	PMO Reviews/ Negotiates and Approve Proposal / Agreement	163	14-Oct-14 A	26-Mar-15 A	100%	163
A2040	PMO Approved Agreement to Council for Approval	4	27-Mar-15 A	31-Mar-15 A	100%	4
A2050	Consultant Signed Agreement to City for Execution	34	01-Apr-15 A	05-May-15 A	100%	34
Planning Phase		283	06-May-15 A	12-Feb-16 A	100%	283
A2200	Planning Phase	283	06-May-15 A	12-Feb-16 A	100%	283
Engineering Phase		140	24-Feb-16 A	12-Jul-16	65.87%	126
A2300	Engineering Phase	112	24-Feb-16 A	14-Jun-16	86.61%	112
A2400	SRF Approval of Contract Documents	28	15-Jun-16*	12-Jul-16	0%	28
Construction Bidding Phase		112	13-Jul-16	01-Nov-16	0%	112
A2500	Construction Bidding Phase	84	13-Jul-16*	04-Oct-16	0%	84
A2600	SRF Administration Phase	28	05-Oct-16	01-Nov-16	0%	28
Construction Phase		56	02-Nov-16	27-Dec-16	0%	56
A2700	Construction Phase	56	02-Nov-16*	27-Dec-16	0%	56
Carter Street Sewer Rehab		1513	07-Sep-12 A	28-Oct-16	90.02%	1513
Carter Street Sewer Rehabilitation		1513	07-Sep-12 A	28-Oct-16	90.02%	1513
Project Procurement		0	07-Sep-12 A	07-Sep-12 A	0%	0
AI1130	Previously Procured Consent Decree Projects	0	07-Sep-12 A	07-Sep-12 A	100%	0
Planning Phase		7	13-Jan-16 A	19-Jan-16 A	100%	66
AI1140	Planning Phase	3	13-Jan-16 A	15-Jan-16 A	100%	3
AI1150	SRF Facility Plan Approval	4	16-Jan-16 A	19-Jan-16 A	100%	4
Engineering Phase		79	13-Jan-16 A	01-Apr-16 A	100%	101
AI1160	Engineering	37	13-Jan-16 A	18-Feb-16 A	100%	37
AI1170	SRF Approval of Contract Documents	42	19-Feb-16 A	01-Apr-16 A	100%	42
Construction Bidding Phase		109	04-Apr-16 A	21-Jul-16	35.8%	81
AI1180	Construction Bidding Phase	79	04-Apr-16 A	21-Jun-16	60.71%	56
AI1190	SRF Administration Phase	30	22-Jun-16	21-Jul-16	0%	30
Construction Phase		99	22-Jul-16	28-Oct-16	0%	99
AI1200	Construction Phase	99	22-Jul-16*	28-Oct-16	0%	99
MBWWTP Control Room Upgrade		667	30-Nov-15 A	26-Sep-17	27.44%	667
MBWWTP Control Room Upgrades		667	30-Nov-15 A	26-Sep-17	27.44%	667
Project Execution		188	30-Nov-15 A	04-Jun-16	96.82%	157
A4390	Project Execution	188	30-Nov-15 A	04-Jun-16	96.82%	157
Planning Phase		233	01-Dec-15 A	20-Jul-16	74.88%	203

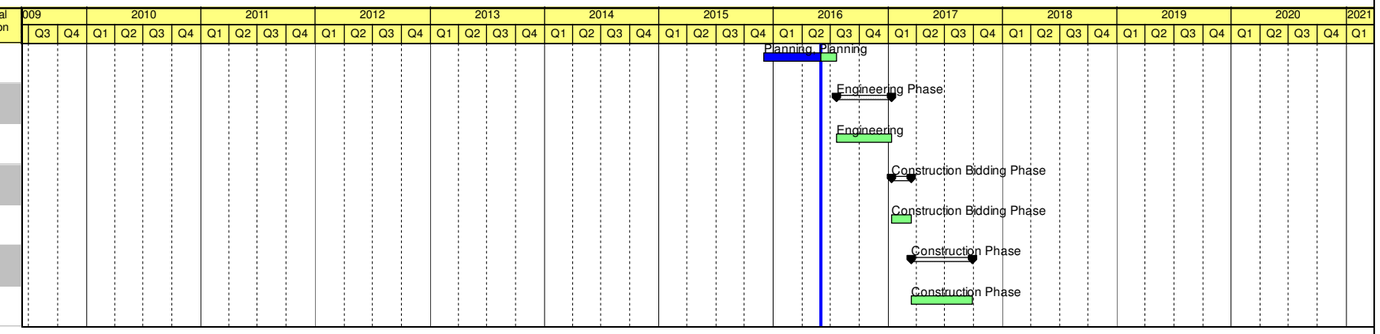


Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS®

Activity ID	Activity Name	At Completion Duration	Start	Finish	Duration % Complete	Original Duration
A4400	Planning	233	01-Dec-15 A	20-Jul-16	74.88%	203
Engineering Phase		175	21-Jul-16	11-Jan-17	0%	175
A4410	Engineering	175	21-Jul-16*	11-Jan-17	0%	175
Construction Bidding Phase		63	12-Jan-17	15-Mar-17	0%	63
A4420	Construction Bidding Phase	63	12-Jan-17	15-Mar-17	0%	63
Construction Phase		195	16-Mar-17	26-Sep-17	0%	195
A4430	Construction Phase	195	16-Mar-17	26-Sep-17	0%	195



Summary
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...
Baseline Milestone

CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I
CITY OF CHATTANOOGA, TN
WASTE RESOURCES DIVISION

JACOBS®