

January 31, 2022

VIA CERTIFIED MAIL

Mr. Richard Elliott 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 Annual Work Progress Report No. 15 – January 2021 to December 2021

Dear Mr. Elliott:

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 fifteenth 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. Mr. Richard Elliott January 31, 2022 Page Two

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

Sincerely,

Mah

Mark Heinzer Interim 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 Paul Schwartz, Esq., US EPA Sohnia Hong, Office of the Attorney General Enforcement Coordinator, Water Pollution Control, TDEC Brandi Prewitt, TN Clean Water Network Adam Sowatzka, Esq., King & Spalding Mike Marino, P.E., Jacobs Engineering

Annual Work Progress Report No. 15



January 1 – December 31, 2021

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 Engineering Group Inc. Consent Decree Program Manager

Chattanooga, Tennessee

January 31, 2022

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Acronyms and Abbreviations

| ARAP | Aquatic Resource Alteration Permit |
|--------|--|
| 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 |
| GLPMP | Gravity Line Preventative Maintenance Program |
| HVAC | Heating, Ventilation, and Air Conditioning |
| 1/1 | Inflow and Infiltration |
| 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 |
| NOAA | National Oceanic and Atmospheric Administration |
| NPDES | National Pollution Discharge Elimination System |
| NTP | Notice to Proceed |
| | |

| PCP | Process Controls Program |
|-------|--|
| PCCMP | Post Construction Compliance Monitoring Program |
| PDR | Public Document Repository |
| PLC | Programmable Logic Controller |
| PS | Pump Station |
| PSOP | Pump Station Operations Program |
| PSPMP | Pump Station Preventive Maintenance Program |
| RDII | Rain-derived Infiltration and Inflow |
| RFQ | Request for Quotation |
| SCADA | Supervisory Control and Data Acquisition |
| SOP | Standard Operating Procedure |
| 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 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 12 months, and also provides projections for activities anticipated to be completed in the following 12 months. This Report presents milestones achieved from January 1, 2021 through December 31, 2021 ("Report"), and the projections cover the period of January 1, 2022 through December 31, 2022.

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.

| CD Projects and Deliverables | CD Reference | CD Deadline | Submittal Date/ Completion Date |
|---|-------------------------|-------------|------------------------------------|
| Quarterly Report No. 30 | Section IX., para 38 | 1/31/2021 | 2/2/2021 |
| Quarterly Report No. 31 | Section IX., para 38 | 4/30/2021 | 4/30/2021 |
| Quarterly Report No. 32 | Section IX., para 38 | 7/31/2021 | 7/31/2021 |
| Quarterly Report No. 33 | Section IX., para 38 | 10/31/2021 | 10/29/2021 |
| Annual Work Progress Report No. 14 | Section IX., para 39 | 1/31/2021 | 2/2/2021 |
| Annual Report 8 | Section IX., para 40 | 2/28/2021 | 3/1/2021 |
| Critical PS Improvements Master Plan* | Section IX., para 39(c) | N/A | 12/2/2021 |
| Focused SSES and Rehabilitation-South Chickamauga Creek 1 – Phase 2* | Section IX., para 39(c) | N/A | 9/2/2021 |

Table 1-1

* Additional project per paragraph 39(c) of CD

Table 1-2 lists the projects and deliverables that the City expects to complete during the upcoming annual period of January 1, 2022 through December 31, 2022. 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 Projects and Deliverables | CD Reference | CD Deadline | Anticipated Submittal/ Completion Date |
|------------------------------|----------------------|-------------|---|
| Quarterly Report No. 34 | Section IX., para 38 | 1/31/2022 | 1/31/2022 |
| Quarterly Report No. 35 | Section IX., para 38 | 4/30/2022 | 4/30/2022 |

| Quarterly Report No. 36 | Section IX., para 38 | 7/31/2022 | 7/31/2022 |
|--|-------------------------|--------------|------------|
| Quarterly Report No. 37 | Section IX., para 38 | 10/31/2022 | 10/31/2022 |
| Annual Work Progress Report No. 15 | Section IX., para 39 | 1/31/2022 | 1/31/2022 |
| Annual Report 9 | Section IX., para 40 | 2/28/2022 | 2/28/2022 |
| DuPont PS and Basin Improvements – Phase 2 | Section VI., para 22 | 6/24/2020** | 6/8/2022 |
| LTCP – AOP Implementation | Section VI., para 24(a) | 6/29/2021*** | 8/1/2022 |
| Wet Weather Combined Sewer Storage - Phase 1, 2, & 3* | Section IX., para 39(c) | N/A | 2/28/2022 |
| Dobbs Branch Basin Improvements - Phase 2* | Section IX., para 39(c) | N/A | 8/31/2022 |
| Dobbs Branch Basin Improvements - Phase 1* | Section IX., para 39(c) | N/A | 8/31/2022 |
| MBWWTP SCADA Master Plan – Phase 1-3* | Section IX., para 39(c) | N/A | 3/14/2022 |
| CSOTF Improvement Phase 1* | Section IX., para 39(c) | N/A | 10/21/2022 |
| CSOTF Equipment Replacement Program* | Section IX., para 39(c) | N/A | 9/21/2022 |
| Lupton Drive Chronic SSO Elimination Project* | Section IX., para 39(c) | N/A | 1/17/2022 |
| Riverview Park/CGCC Chronic SSO Elimination Project* | Section IX., para 39(c) | N/A | 12/31/2022 |
| Mountain Creek Pump Station Improvements* | Section IX., para 39(c) | N/A | 2/11/2022 |

* Additional project per paragraph 39(c) of CD
** A Notice of Delay was sent to EPA on August 23, 2018
*** A Notice of (Anticipated) Delay was sent to EPA on May 26, 2020 and EPA's response was received December 16, 2020

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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 an 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 12-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 12-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.

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3.1 Capacity, Management, Operations and Management ("CMOM") Programs (¶20) (completed)

3.1.1 CMOM-Sewer Overflow Response Protocol ("SORP") (¶20.a) (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 (¶20.b) (completed)

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

3.1.3 CMOM-FOG Mgmt. Plan (¶20.c) (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 5 submitted January 27, 2016. A revised FOG Plan was submitted to the EPA on September 28, 2016 and approved on December 7, 2016.

3.1.4 CMOM-Gravity Line Preventive Maintenance Program ("GLPMP") (¶20.d) (completed)

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

3.1.5 CMOM-PS Operations Program ("PSOP") (¶20.e) (completed)

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

3.1.6 CMOM-PS Preventive Maintenance Program ("PSPMP") (¶20.f) (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 (¶20.g) (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 6 submitted July 27, 2016.

3.1.8 CMOM-Capacity Assurance Program ("CAP") (¶20.h) (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 7 submitted January 25, 2017.

3.1.9 CMOM-Inter-Jurisdictional Agreement ("IJA") Program (¶20.i) (completed)

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

3.2 Sanitary Sewer Evaluation Study ("SSES") Work Plan (¶21)

According to paragraph 21.a. of the Consent Decree, "Within nineteen (19) Months after the Effective Date of this Consent Decree, Chattanooga shall submit to EPA and TDEC for review and comment a SSES Work Plan." This deliverable was due on November 24, 2014 and Chattanooga submitted it early on November 18, 2014.

Phase I SSES (¶21.b) (completed)

EPA approved the SSES Work Plan on July 10, 2015, which required all of the Phase I SSES work (involving the five following sewersheds: Chattanooga Creek 4; Dobbs Branch 3; South Chickamauga Creek 1; South Chickamauga Creek 5; and South Chickamauga Creek 16) to be completed under the plan by July 10, 2020, in accordance with paragraph 21.b. of the Consent Decree. All of the work under the Phase I SSES Work Plan was completed by that date (in fact, it was completed by January 29, 2019) as set forth as follows:

3.2.1 Focused SSES and Rehabilitation-Chattanooga Creek 4 (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 10 submitted July 30, 2018.

3.2.2 Focused SSES and Rehabilitation-Dobbs Branch 3 (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 10 submitted July 30, 2018.

3.2.3 Focused SSES and Rehabilitation-South Chickamauga Creek 1 (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 11 submitted January 29, 2019.

3.2.4 Focused SSES and Rehabilitation-South Chickamauga Creek 5 (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 11 submitted January 29, 2019.

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

This project has been completed. See Semi-Annual Report No. 5 submitted January 27, 2016. We also note that this work was also completed in conjunction with related work in and adjacent to this basin involving the Early Action Capital Improvement Project #3.3.1.3 below (East Brainerd Collection System and PS Rehabilitation). See Semi-Annual Work Progress Report No. 10 submitted July 30, 2018.

Phase II SSES (¶21.b)

According to paragraph 21.b. of the Consent Decree "SSES Phase II shall be completed for the remaining twenty-four (24) Sewersheds, as shown on the map attached hereto as Appendix A, within fifteen (15) years after EPA"s approval of the SSES Work Plan." Based on the approval date of the SSES Work Plan by EPA, the due date is July 10, 2030. Chattanooga has begun work on Phase II, as outlined below. Four of these sewersheds have already been completed in Phase I in conjunction with related work in and adjacent to this basin involving Early Action Capital Improvement Projects:

3.2.6 Focused SSES and Rehabilitation-Tennessee River 10 (completed)

This project was completed as part of Early Action Capital Improvement Project #3.3.1.1 below (DuPont Pump Station and Basin Improvements – Phase 1).

3.2.7 Focused SSES and Rehabilitation-Dobbs Branch 6 (completed)

This project was completed as part of Early Action Capital Improvement Project #3.3.1.7 below (Highland Park Sewer Rehabilitation).

3.2.8 Focused SSES and Rehabilitation-Friars Branch 13 (completed)

This project was completed as part of Early Action Capital Improvement Project #3.3.1.13 below (Friars Branch Basin Improvements).

3.2.9 Focused SSES and Rehabilitation-Mackey Branch 5 (completed)

This project was completed as part of Early Action Capital Improvement Project #3.3.1.3 below (East Brainerd Collection System and PS Rehabilitation).

3.2.10 Focused SSES and Rehabilitation-Tennessee River 8 Sewer Improvements

The project involves SSES work in the Tennessee River 8 sewer sub-basin on approximately 96,300 linear feet of pipe to identify areas where unwanted groundwater or stormwater can infiltrate the sanitary sewer system. From the SSES, approximately 38,500 linear feet of sewer and service pipeline and 400 manholes will be repaired or replaced. Approximately 3,700 linear feet of 8 and 10-inch sewer will also be upgraded to 12-inch. The NTP for professional services was issued on January 13, 2021. The construction is anticipated to start in the second half of 2022.

3.2.11 Focused SSES and Rehabilitation-South Chickamauga Creek 9 & Chattanooga Creek 6

The project involves SSES work in the South Chick Creek 9 sewer sub-basin and Chattanooga Creek 6 (sub-basin to be confirmed) on approximately over 74,100 linear feet of pipe to identify areas where groundwater or stormwater can infiltrate the sanitary sewer system. From the SSES, approximately over 29,600 linear feet of sewer and service pipeline and over 190 manholes will be repaired or replaced using methods of cured-in-place pipe, point repairs, and open cut. This project will reduce I/I in both sub-basins and eliminate SSOs, and in particular, the Shallowford Road Chronic SSO located in the South Chick Creek 9 sewer sub-basin. The construction is anticipated to start in the first half of 2023.

3.3 Early Action Capital Improvement Projects (¶22)

3.3.1 SSO and Wet Weather Volume Reduction Projects

3.3.1.1 DuPont Pump Station and Basin Improvements – Phase 1 (completed) and Phase 2

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

<u>Phase 1</u> This work has been completed. See Semi-Annual Work Progress Report No. 10 submitted July 30, 2018.

<u>Phase 2</u> The original plan called for the design and construction of approximately 7.5 million gallons of wet weather storage and a new wet weather PS at the DuPont PS site. Prior to the start of construction in the first half of 2017, public concern of the nature of the project grew and the City undertook an analysis of potential alternatives. In 2018, the City developed a new plan which calls for the re-design and construction of an approximately 22 Million Gallons per Day ("MGD") new wet weather PS further downstream of the existing DuPont PS site on City owned property in a commercial area where the DuPont-Lupton City interceptors merge. The re-design also includes a new diversion structure, standby generator, and upsizing of approximately 7,000 LF section of gravity interceptors. The re-design was completed and approved in October 2019. Successful bids for both PSs and pipeline contract were received by February 13, 2020. The construction is expected to be completed in the first half of 2022.

We note that on August 23, 2018, the City submitted a Notice of Delay to EPA pursuant to paragraph 57 of the Consent Decree, detailing the following with respect to this project: an explanation and description of the reasons for the delay; the anticipated duration of the delay; all actions taken or to be taken to prevent or minimize the delay; a schedule for implementation of any measures to be taken to prevent or mitigate the delay or the effect of the delay; Chattanooga's rationale for attributing such delay to a force majeure event if it intends to assert such a claim; and a statement as to whether, in the opinion of Chattanooga, such event may cause or contribute to an endangerment to public health, welfare, or the environment. Since then, new challenges have caused additional delays: the COVID-19 pandemic and associated supply chain issues, along with delays from permitting agencies (e.g., TVA, USACE, and TDEC). The project construction is now 85% completed) and is on track for completion in June 2022.

3.3.1.2 Collegedale Pump Station Improvements (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 7 submitted January 25, 2017.

3.3.1.3 East Brainerd Collection System and Pump Station Rehabilitation (completed)

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

<u>PS Rehabilitation</u>- This work has been completed. See Semi-Annual Work Progress Report No. 10 submitted July 30, 2018.

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 (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 9 submitted January 29, 2018.

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 (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 8 submitted July 26, 2017.

3.3.1.11 Orchard Knob Pump Station Improvements (completed)

This work has been completed. See Semi-Annual Work Progress Report No. 10 submitted July 30, 2018.

3.3.1.12 Friars Branch Pump Station Improvements (completed)

This project has been substantial completed. See Semi-Annual Work Process Report No.12 submitted July 31, 2019.

3.3.1.13 Friars Branch Basin Improvements (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 11 submitted January 29, 2019.

3.3.1.14 Chattanooga Creek Interceptor Rehabilitation (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 6 submitted July 27, 2016.

3.3.1.15 Tannery Flats Interceptor Rehabilitation (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 6 submitted July 27, 2016.

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

This project has been completed. See Semi-Annual Work Progress Report No. 6 submitted July 27, 2016.

3.3.2 MBWWTP Projects (completed)

3.3.2.1 MBWWTP Secondary Clarifier Valve Motor Operator Replacement (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 8 submitted July 26, 2017.

3.3.2.2 MBWWTP Hydraulic and Pump Improvements (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 8 submitted July 26, 2017.

3.3.2.3 MBWWTP Bar and Fine Screen Replacements (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 8 submitted July 26, 2017.

3.3.2.4 MBWWTP Effluent Disinfection System Upgrade (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 6 submitted July 27, 2016.

3.3.3 CSO Projects (completed)

3.3.3.1 Carter Street CSOTF Sewer Outfall Replacement (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 6 submitted July 27, 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 (completed)

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 Supervisory Control and Data Acquisition ("SCADA") Upgrades (Completed)

This project has been completed. See Semi-Annual Work Progress Report No. 9 submitted January 29, 2018.

3.4 East Bank/West Bank Outfall Assessment and Rehabilitation Plan (¶23)

3.4.1 East Bank/West Bank Outfall Assessment and Rehabilitation Plan

Pursuant to Paragraph 23 of the Consent Decree, "in the event that either the East Bank Outfall or the West Bank Outfall experiences an SSO within the first (1st) year **following completion of SSES Phase I and the Early Action Capital Improvement Projects**, Chattanooga shall submit to EPA and TDEC for review and comment within seven (7) Months after such SSO event an East Bank/West Bank Assessment and Rehabilitation Plan to eliminate SSOs from these unpermitted outfalls." (emphasis added). Here, the Early Action Capital Improvement Projects have not yet been completed, so this requirement from the Consent Decree has not yet been triggered.

3.5 Long Term Control Plan ("LTCP") Updates (¶24)

3.5.1 LTCP-Additional Operational Plan ("AOP") for Chattanooga Creek CSO Outfalls (¶24.a) (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 9 submitted January 29, 2018.

3.5.2 LTCP – AOP Implementation (¶24.a)

This project is a result of the recommendations in the AOP for the Chattanooga Creek CSO Outfalls (Central Avenue CSO and William Street CSO) approved by the EPA on February 1, 2018. This plan will augment Chattanooga's current CSO control measures with additional long-term controls that will ensure that discharges from these CSO's comply with State water quality standards, specifically the design and installation of Peracetic Acid ("PAA") disinfection systems for the CSO outfalls. The NTP for professional services was issued June 11, 2019. This project, the CSOTF Equipment Replacement Program (in section 4.20), and the CSOTF Improvements Phase 1 (in section 4.19) projects were bundled, bid, and are being constructed as one construction contract. The NTP for construction was on November 17, 2021 and the project is expected to be completed in the second half of 2022.

We note that on May 26, 2020, the City submitted a Notice of (Anticipated) Delay to EPA pursuant to paragraph 57 of the Consent Decree, detailing the following with respect to this project: an explanation and description of the reasons for the delay; the anticipated duration of the delay; all actions taken or to be taken to prevent or minimize the delay; a schedule for implementation of any measures to be taken to prevent or mitigate the delay or the effect of the delay; Chattanooga's rationale for attributing such delay to a force majeure event if it intends to assert such a claim; and a statement as to whether, in the opinion of Chattanooga, such event may cause or contribute to an endangerment to public health, welfare, or the environment. Anticipated delays were due to the COVID-19 pandemic and associated delays for bench-scale testing, design, permitting, and construction. A response from EPA was received on December 16, 2020, acknowledging that this letter sufficiently documented that a force majeure event had occurred. The project originally was to be completed by June 29, 2021. In our letter to EPA, we predicted that the delays caused by COVID would extend the project to June 2022. The construction has now started and is expected

to be completed in August 2022. We can send a further update to EPA's letter December 16, 2020, now that we have more clarity regarding the project schedule.

3.5.3 LTCP-Post Construction Compliance Monitoring Program (¶24.b) (completed)

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

3.5.4 Maximizing Treatment at MBWWTP (¶24.c.)

This project includes the development of a feasible alternatives analysis to assess the implementation of any feasible alternatives to prevent the illegal Bypass from any treatment process at the MBWWTP. According to paragraph 24.c. of the Consent Decree, "in the event that a Bypass occurs within the first (1st) year **following completion of SSES Phase I and the Early Action Capital Improvement Projects**, Chattanooga shall submit to EPA and TDEC for review and comment within twelve (12) Months after such Bypass event a Feasible Alternatives Analysis in accordance with Section II.C.7 of the CSO Control Policy." (emphasis added). Here, the Early Action Capital Improvement Projects have not yet been completed, so this requirement from the Consent Decree has not yet been triggered.

3.6 MBWWTP Process Controls Program (¶25) (completed)

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

3.7 Green Infrastructure ("GI") Program Plan for CSS Basins (¶26) (completed)

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

3.8 Civil Penalty (¶28-30) (completed)

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. 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.

3.8.1 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.

3.8.2 Highland Park GI Demonstration Project (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 11 submitted January 29, 2019.

3.9 Agawela Drive Stream Restoration – SEP (¶31-37) (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 10 submitted July 30, 2018.

3.10 Reporting Requirements (¶38-45)

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;
- Annual Work Progress Reports, including CD deliverable milestones achieved in the last 12 months and projections for activities anticipated to be completed in the following 12 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 33;
- Semi-Annual Work Progress Reports 1 13;
- Annual Work Progress Report 14; and
- Annual Reports 1 8.

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

- Quarterly Reports 34 37;
- Annual Work Progress Report 15, and
- Annual Report 9.

3.11 Stipulated Penalties (¶46-55)

Paragraph 48 of the CD sets forth the nine categories of CD violations or milestones subject to stipulated penalties under the CD. There were no demands for stipulated penalties from EPA during this reporting period.

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4.0 Additional Work (¶39)

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 (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 7 submitted January 25, 2017.

4.2 Citico Pump Station and CSOTF Upgrades (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 11 submitted January 29, 2019.

4.3 South Chick Pump Station Phase II and Spring Creek Pump Station Upgrades (completed)

This project has been completed. See Annual Work Progress Report No. 14 submitted February 02, 2021.

4.4 Carter Street Sewer Rehabilitation (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 8 submitted July 26, 2017.

4.5 MBWWTP-Control Room Upgrades (completed)

This project has been completed. See Semi-Annual Work Progress Report No.12 submitted July 31, 2019.

4.6 MBWWTP – Detritors Rehabilitation (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 11 submitted January 29, 2019.

4.7 Implementation of CD GI Projects in the CSS (completed)

This project has been completed. See Semi-Annual Work Progress Report No.13 submitted January 31, 2020.

4.8 Friar's Branch-South Chick Creek 5 Interceptor Rehabilitation (completed)

This project has been completed. See Annual Work Progress Report No. 14 submitted February 02, 2021.

4.9 Citico Pump Station Reliability Improvements (completed)

This project has been completed. See Annual Work Progress Report No. 14 submitted February 02, 2021.

4.10 MBWWTP Secondary Clarifier Upgrades and Additions (completed)

This project has been completed. See Semi-Annual Work Progress Report No.12 submitted July 31, 2019.

4.11 CSOTF Study (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 8 submitted July 26, 2017.

4.12 South Chickamauga Interceptor Improvements – Phase 1 (completed)

This project has been completed. See Annual Work Progress Report No. 14 submitted February 02, 2021.

4.13 Focused SSES and Rehabilitation-South Chickamauga Creek 1 – Phase 2 (completed)

Based on the results of the Focused SSES and Rehabilitation-South Chickamauga Creek 1 completed as part of SSES Phase 1, Chattanooga determined that a pump station would be installed to eliminate portions of the gravity sewer located in the flood plain to increase Inflow and Infiltration ("I/I") removal, and improve maintenance and reliability of the collection system infrastructure in the basin. The NTP for professional services was issued on August 13, 2018. As

the project progressed, the consultant determined that assessment and rehabilitation of approximately 6,000 LF of additional gravity sewer pipeline in the South Chickamauga Creek using trenchless technology methods. The design was completed and approved in February 2019 and the bid opening occurred on July 11, 2019. This project was completed on September 2, 2021.

4.14 Critical Pump Station Improvements Master Plan (completed)

This project involved the development of a PS Master Plan that evaluated the performance, reliability, and capacity of critical PSs in the ISS. This project identified a strategic, prioritized capital improvement approach. Additionally, this project reviewed and revised the Sanitary Sewer System Design and Construction Manual utilized by the City. The NTP for professional services was issued on October 28, 2019. The study was completed on December 2, 2021.

4.15 Lupton Drive Chronic SSO Elimination Project (completed)

This project involves the evaluation, characterization, and design of rehabilitation, replacement, or upsizing of 1,600 LF of sanitary sewer pipe and manholes along Lupton Drive east of Hixon Pike. This project will improve the reliability and structural integrity of the existing pipe as well as eliminate SSOs in the area. The NTP for professional services was issued on October 28, 2019. The bid process was completed in February 2021 and the NTP for construction was issued on November 17, 2021. Construction has been completed on January 17, 2022.

4.16 Brainerd Golf Course Pump Station Safety Upgrade

This project involves making safety improvements to the East Brainerd Golf Course PS. This work includes the replacement and upgrade of the existing pumps, piping, valves, electrical and instrumentation equipment. The NTP for professional services was issued September 19, 2017, and TDEC approval was received on February 13, 2019. This project was bundled with the PS Improvements – Hixson 2 (section 4.17) project, and will be bid, and constructed as one construction contract. Bidding advertisement is scheduled for February 6, 2022. The construction is anticipated to start in the first half of 2022.

4.17 Pump Station Improvements – Hixson 2

This project involves safety and reliability improvements associated with converting the Hixson PS 2 from a canned station to a submersible station. The upgrades will provide the station with better accessibility and allow the station to increase its capacity, performance and reliability, helping reduce sanitary sewer overflows in the area. The final design was completed on January 26, 2021. This project was bundled with the Brainerd Golf Course PS Safety Upgrade (section 4.16), and will be bid, and constructed as one construction contract. Bidding advertisement is scheduled for February 6, 2022. The construction is anticipated to start in the first half of 2022.

4.18 Wet Weather Combined Sewer Storage – Phase 1, 2 & 3

This project will construct Phase 1, 2 & 3 of wet weather storage system at the Hamm Rd site, which will store peak wet weather flows, reduce flows to the West Bank Overflow, and meet the future capacity needs of the area. The NTP for professional services was awarded on November

3, 2017, and the PER was completed on June 15, 2018. Final design was completed on October 23, 2018. Bidding began November 6, 2018 and construction started on March 25, 2019. The construction is expected to be completed in the first half of 2022.

4.19 CSOTF Improvements – Phase 1

This project stems from the CSO Treatment Facility ("CSOTF") Optimization Plan, which is a three-phased approach to maximizing the use of storage and treatment in 7 CSOTFs within the City's sewer system. This project implements the first phase and includes upgrades to manual controls and addition of equipment for automation and remote control of the CSOTFs. The NTP for professional services was issued on November 16, 2018. This project, the CSOTF Equipment Replacement Program (in section 4.20), and the LTCP – AOP Implementation (see section 3.5.2) projects were bundled, bid, and are being constructed as one construction contract. The NTP for construction was on November 17, 2021 and the project is expected to be completed in the second half of 2022.

4.20 CSOTF Equipment Replacement Program

This project involves the replacement of the fine screens at both the Central Avenue and Citico CSOTFs. The existing fine screens are reaching the end of their useful service life and need replacement. This project, the CSOTF Improvements Phase 1 (in section 4.19), and the LTCP – AOP Implementation (in section 3.5.2) projects were bundled, bid, and are being constructed as one construction contract. The NTP for professional services was issued on January 7, 2020. The project is expected to be completed in the second half of 2022.

4.21 Dobbs Branch Basin Improvements – Phase 1

This project involves the creation of construction documents for the rehabilitation of up to 100,000 LF of 8-inch to 24-inch sanitary sewers in the Dobbs Branch sub-basins 3 and 4. The construction documents will provide for the rehabilitation for certain sewer segments and associated manholes. Pipeline rehabilitation methods will include cured-in-place-pipe ("CIPP"), point repairs, pipe bursting, and/or open cut replacement. The design also includes the rehabilitation of up to 400 manholes within the sewer basin through the installation of a watertight spray-on liner. A smoke testing investigation of the 138,000 LF basin will be performed to identify illicit connections. Tabulated and ranked data will be provided to the City for execution outside the contract. The NTP for professional services was issued on September 25, 2018. Smoke testing was completed on December 19, 2018. The first draft of the PER was submitted on March 1, 2019, and the 90% design was submitted on June 7, 2019. Bidding was opened on January 16, 2020. The construction is expected to be completed in the second half of 2022.

4.22 Dobbs Branch Basin Improvements – Phase 2

This project involves the creation of construction documents for the rehabilitation of up to 100,000 LF of 8-inch to 24-inch sanitary sewers in the Dobbs Branch sub-basins 5 and 6. The construction will provide for the rehabilitation for certain sewer segments and associated manholes. Pipeline rehabilitation methods will include CIPP, point repairs, pipe bursting, and/or open cut replacement. The design also includes the rehabilitation of up to 400 manholes within the sewer basin through the installation of a watertight spray-on liner. A smoke testing investigation of the

137,000 LF basin will be performed to identify illicit connections. Tabulated and ranked data will be provided to the City for execution outside the contract. The NTP for professional services was issued on October 16, 2018. Smoke testing was completed on December 21, 2018. The first draft of the PER was submitted on February 5, 2019, and the Program Manager completed review on February 26, 2019. The 90% design was submitted on May 24, 2019. Bidding was scheduled on January 23, 2020. The construction is expected to be completed in the second half of 2022.

4.23 Wet Weather Storage Phase 4 – South Chickamauga Pump Station

This project will construct 10 MG of wet weather storage near the South Chickamauga PS located off of N. Hawthorne St. The NTP for professional services was issued on February 15, 2019 and the draft PER was submitted on June 24, 2019. The project is currently in final design and construction is anticipated to start in the second half of 2022.

4.24 Citico Pump Station Improvements

This project involves capital improvements to the Citico PS, including the following upgrades and improvements: (1) New motor control center ("MCC"), (2) New pumps, motors, and drives, (3) The wet well cleaned and coated. The NTP for professional services was issued on October 28, 2019. The bid process is scheduled for February 3, 2022, and construction is anticipated to start in the first half of 2022.

4.25 Riverview Park/CGCC Chronic SSO Elimination Project

This project involves the rehabilitation or upsizing of sanitary sewer pipe and associated manholes located in the Riverview Park and Chattanooga Golf and Country Club area. The goal is to eliminate SSOs in the area by rehabilitating or replacing the manholes and gravity sewer segments (8-inch to 15-inch diameter) immediately upstream and downstream of this location. The NTP for professional services was issued on October 28, 2019. The bid process was completed in February 2021. Most of the construction has been completed; due to the golf course schedule, the construction will resume in November 2022 and be completed in December 2022 or the first half of 2023 at the latest.

4.26 South Chick Creek 2, 3, & 4 Interceptor Rehab

This project involves the evaluation and rehabilitation of approximately 7,850 LF of gravity interceptor pipeline and 16 associated manholes in the South Chickamauga Creek sub-basins 3 and 4. The pipeline rehabilitation will consist of the 72-inch Friar Branch Interceptor from the first manhole downstream of Friars Branch PS, downstream to the junction box on the 84-inch diameter interceptor. The NTP for professional services was issued on July 19, 2019. Additional to the project, the rehabilitation includes 27 manholes and the junction chamber structure, and repair aging sewer infrastructure. The new NTP for professional services was issued on January 15, 2020. Bids were opened on January 13, 2022. The construction is anticipated to start in the first half of 2022.

4.27 Tiftonia Pump Station 1 Safety Upgrade

This project involves safety and reliability improvements associated with converting Tiftonia PS 1 from a "canned" station to a submersible station. The upgrades will provide the station with better accessibility and allow the station to increase its capacity, performance and reliability, helping reduce SSOs in the area. This project is currently on-hold to wait for the results of the Lookout Creek Sewer Basin Master Plan in progress and to be completed in June 2022.

4.28 ISS Capacity Improvements – Creekside Preserve

This project includes a SSES on approximately 700 linear feet of pipe to identify areas where unwanted groundwater or stormwater can infiltrate the sanitary sewer system. The evaluation recommends the design and construction of a new submersible grinder PS. The project will help reduce the potential for sanitary sewer overflows in the area, as well as restore collection system capacity and reliability. The NTP for professional services was issued on January 27, 2020, and the design is estimated to be completed in the first half of 2022. The construction is anticipated to start in the second half of 2022.

4.29 Wet Weather Storage Phase 6 – Hixson Pump Station 1

This project will construct 5 MG of wet weather storage near the Hixson 1 PS and will store peak wet weather flows to meet the future capacity requirements. The NTP for professional services was issued on December 3, 2019, and the design is estimated to be completed in the first half of 2022. The construction is anticipated to start in the second half of 2022.

4.30 Environmental and Economic Infrastructure Improvement Plan ("E2I2") SSO Abatement Program

This project involves the planning, engineering, and construction of the equalization ("EQ") stations to determine the size, location, and required infrastructure improvements needed to construct approximately 47 MG of EQ stations or wet weather storage in three locations within the surrounding area of the City of Chattanooga and Hamilton County, TN. The current locations include Red Bank, East Ridge, and the South Lee Highway area.

E2I2 SSO Abatement Program - East Ridge (West Chickamauga)

This project includes an EQ station with up to 30 MG of capacity near the intersection of I-75 and the South Chickamauga Creek. The EQ Station will include a PS, force main, and gravity sewer improvements.

E2I2 SSO Abatement Program - South Lee Hwy

This project includes an EQ station with up to 7 MG for wet weather storage in the Lee Highway area. This project will include the construction of a PS, force main, gravity sewer line improvements, and infrastructure improvements needed to allow for regional connections to deliver approximately 7 MGD of flow through this location.

E2I2 SSO Abatement Program – Red Bank (Pineville)

This project may include an EQ station with up to 10 MG of capacity near the intersection of Pineville Rd and Hudson Rd. If it is required, the EQ Station will include a PS, force main, and gravity sewer improvements. This project at this location is currently on-hold due to an on-going post rehabilitation study by Hamilton County Water and Wastewater Treatment Authority ("WWTA") for the Red Bank sewer system.

The NTP for professional services was issued on April 1, 2020, and the design is estimated to completed in the second half of 2022. The construction is anticipated to start in the second half of 2022. We note that the e2i2 agreement with the WWTA is in the process of being extended by both WWTA and Chattanooga.

4.31 Tiftonia Pump Station 2 Safety Upgrade

This project includes safety and reliability improvements associated with converting the Tiftonia 2 PS from a "canned" PS to a submersible PS as well as the assessment of the sewer force main for rehabilitation or replacement. The construction is anticipated to start in the first half of 2022.

4.32 MBWWTP SCADA Master Plan – Phase 1 - 3

This project involves the development of the initial phase of a comprehensive SCADA System 5year Master Plan for the City of Chattanooga Waste Resources Division. The Engineer will prepare a report which compiles all findings, analyses, SOP's, and other recommendations to provide SCADA and Operational Technology planning for the City's wastewater and collections systems. The NTP for professional services was issued on December 10, 2019. This project is expected to be completed in first half of 2022.

4.33 MBWWTP Improvements – Centrifuge Upgrades

This project includes upgrades and improvements which involves the preliminary design for the installation of one existing, pre-purchased centrifuge which is located between Centrifuge Building 1 & 2 at the MBWWTP. The NTP for professional services was issued on June 4, 2020. The construction is anticipated to start in the first half of 2022.

4.34 Citico Force Main Rehabilitation

This project includes construction scope to replace the 30" force main exiting the Citico PS, located on the south side of the Tennessee River near Citico Creek along Riverside Drive. The force main is approximately 2,000 linear feet spanning the Tennessee River to discharge into a manhole on the north side of the river located on Constitution Drive. Design rehabilitation or replacement will be dependent upon inspection and evaluation of alternatives. The project will be advertised on February 13, 2022 and construction is anticipated to start in the first half of 2022.

4.35 Mountain Creek Pump Station Improvements

This project involves making improvements to the Mountain Creek Pump Station that include the replacement of the Motor Control Center ("MCC") and upgrade of the controls at the current facility. The upgrades will allow the station to increase its performance and reliability and to help

to reduce sanitary sewer overflows in the area. The preliminary engineering phase will determine the approach utilized for detailed design and construction. The NTP for professional services was issued on January 12, 2021. The construction is expected to be completed early February 2022.

4.36 Big Ridge #5 Pump Station Improvements

This project includes of improvements to the Big Ridge ("BR") #5 PS. The improvements include a brand new PS. The construction is anticipated to start in the second half of 2022.

4.37 Big Ridge #2 Pump Station Improvements

This project includes improvements to the Big Ridge#2 PS. The control panels show signs of H2S corrosion and are an early candidate for replacement. After replacement, consideration should be given to relocating the electrical equipment rack and canopy as the rack is too close to the wet well, which is non-compliant with NFPA 820. Other upgrades include the installation of bypass pump connection on force main, new pumps, VFDs and discharge piping, the repair of spalled concrete at effluent pipe penetration in wet well and improving the support for PVC conduit hanging into wet well. These upgrades will increase the system reliability and contribute to reduce SSO in the area. The design is expected to be completed in the second half of 2022, and the construction is anticipated to start in the first half of 2023.

4.38 Highland Park Pump Station Improvements

This project includes improvements to the Highland Park wet weather PS. The PS is in bad condition. These include the full rehabilitation of the PS, replacement of pumps with VFDs, replacement of all electrical and MCC, new discharge piping, new safety grating, and wet well lining. These upgrades will increase the system reliability and contribute to reduce SSO in the area. The design is expected to be completed in the first half of 2023, and the construction is anticipated to start in the first half of 2023.

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Appendix A Project Schedules Gantt Chart

| Activity Name | At Completion Duration | Start | Finish | 2013 2014 2015 2016 2017 2018 Q1 Q2 Q3 Q4 Q1 Q2 |
|---|---------------------------|----------------------------|----------------------------|--|
| attanooga Consent Decree Deliverables Schedule | 7877 | 26-Nov-08 A | 01-Jul-30 | |
| ction VI - Compliance Requirements | 7877 | 26-Nov-08 A | 01-Jul-30 | |
| ra 20 - CMOM | 2852 | 26-Nov-08 A | 28-Sep-16 A | |
| MOM-Sewer Overflow Response Protocol (SORP) | 691 | 15-Jul-12 A | 05-Jun-14 A | ver Overflow Response Protocol (SDRP) |
| Consent Decree Duration (7 Months) | 216 | 24-Apr-13 A | 25-Nov-13 A | Consent Decree Duration (7 Months) |
| OA0100 Consent Decree Duration (7 Months) | 215 | 24-Apr-13 A | 25-Nov-13 A | Consent Decree Duration (7 Months) |
| OA0110 Consent Decree Duration Completion Milestone | 0 | | 25-Nov-13 A | Consent Decree Duration Completion Milestone |
| roject Procurement | 0 | 15-Jul-12 A | 15-Jul-12 A | puremient The second |
| DA0200 PM Procurement | 0 | 15-Jul-12 A | 15-Jul-12 A | iment in the second sec |
| lanning Phase | | 15-Jul-12 A | 22-Oct-13 A | n Period |
| OA0010 Adminstration Period | 229 | 15-Jul-12 A | 28-Feb-13 A | |
| DA1000 Planning Phase | 235 | 01-Mar-13 A | 22-Oct-13 A | Planning Phase |
| ublic Document Repository JA2000 Submit Draft Deliverable to Reference Librarian | | 23-Oct-13 A 23-Oct-13 A | 25-Nov-13 A 23-Oct-13 A | Public Document Repository Submit Draft Deliverable to Reference Librarian |
| | | | | |
| DA2010 Post Copy of Draft Deliverable on City's Website | 0 | 23-Oct-13 A | 23-Oct-13 A | Post Copy of Draft Deliverable on City's Website |
| DA2020 Public Review Period | 31 | 24-Oct-13 A | 24-Nov-13 A | Public Review Period |
| 0A2030 Public Comment Review Period | 2 | 23-Nov-13 A | 25-Nov-13 A | Public Comment Review Period |
| 0A2040 Submit Deliverable to EPA, TDEC and Provide notice to TCWN | 0 | | 25-Nov-13 A | Submit Deliverable to EPA, TDEC and Provide notice to TCWN |
| PA and TDEC Approvals | 192 | 26-Nov-13 A | 05-Jun-14 A | EPA and TDEC Approvals |
| DA0900 Place Copy of EPA and TDEC Submittal in PDR | 8 | 26-Nov-13 A | 04-Dec-13 A | Place Copy of EPA and TDEC Submittal in PDR |
| DA0910 EPA / TDEC Review | 183 | 26-Nov-13 A | 28-May-14 A | EPA/TDEC Review |
| DA0920 Address Comments for Final EPA / TDEC Approval | 62 | 29-Mar-14 A | 29-May-14 A | Add ress Comments for Final EPA / TDEC Approval |
| DA0930 Submit Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval by | 7 | 30-May-14 A | 05-Jun-14 A | Submit Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval by EPA) |
| MOM-Emergency Response Plan | 1153 | 18-Oct-12 A | 14-Dec-15 A | M-Emergency Response Plan |
| consent Decree Duration (19 Months) | 580 | 24-Apr-13 A | 24-Nov-14 A | Consent Decree Duration (19 Months) |
| DB0100 Consent Decree Duration (19 Months) | 580 | 24-Apr-13 A | 24-Nov-14 A | Consent Decree Duration (19 Months) |
| DB0110 Consent Decree Duration Completion Milestone | 0 | | 24-Nov-14 A | Consent Decree Duration Completion Milestone |
| roject Procurement | 45 | 18-Oct-12 A | 01-Dec-12 A | ct Procurement |
| CD Prequalification Procurement (FY 2012 - 2013) Priority I - Development and Issuance of RFP | 45 | 18-Oct-12 A | 01-Dec-12 A | requalification Procurement (FY 2012 - 2013) Priority 1 - Development and Issuance of RFP |
| DB1010 Consultant develops and Submit Scope and Cost proposal | 10 | 18-Oct-12 A | 27-Oct-12 A | ultant develops and Submit Scope and Cost proposal |
| DB1020 PMO Reviews/ Negotiates and Approve Proposal / Agreement | 10 | 18-Oct-12 A | 27-Oct-12 A | Reviews/Negotiates and Approve Proposal / Agreement |
| DB1030 PMO Approved Agreement to Council for Approval | 18 | 18-Oct-12 A | 04-Nov-12 A | Approved Agreement to Council for Approval |
| DB1040 Consultant Signed Agreement to City for Execution | 14 | 18-Oct-12 A | 31-Oct-12 A | ultant Signed Agreement to City for Execution |
| | | | 12-Oct-14 A | Planning Phase |
| Ianning Phase DB2000 Planning Phase | | | 12-Oct-14 A 20-Aug-14 A | |
| DB2010 Program Manager / Owner Review and Coordination | 53 | 21-Aug-14 A | 12-Oct-14 A | Program Manager / Owner Review and Coordination |
| Public Document Repository | 40 | 12-Oct-14 A | 20-Nov-14 A | Public Document Repository |
| DB3020 Public Review Period | | | 17-Nov-14 A | |
| OB3000 Submit Draft Deliverable to Reference Librarian | 0 | 13-Oct-14 A | 13-Oct-14 A | Submit Draft Deliverable to Reference Librarian |
| DB3010 Post Copy of Draft Deliverable on City's Website | 0 | 13-Oct-14 A | 13-Oct-14 A | Post Copy of Draft Deliverable on City's Website |

Actual Work
Remaining Work

IATTANOOGA CONSENT DECREE PROGRAM - PHASI CITY OF CHATTANOOGA, TN WASTE RESOURCES DIVISION

Q3 Q4 Q1 Q2 Q3 Q4

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| | Activity Name | At Completion | Start | Finish | 2013 | 2014 | 2015 | 2016 | | 2017 | | 018 | 2019 | 2020 | | 2021 | 2022 | |
|--------------------|---|---------------|----------------------------|----------------------------|-------------------------|---|------------------------------|------------------|------------------|-------------------|----------------|--------------------|--------------------|-------|--|----------|----------|------|
| 3030 | Public Comment Review Period | Duration 3 | 18-Nov-14 A | 20-Nov-14 A | | Q1 Q2 Q3 Q4 Q1 Public C | Q2 Q3 Q4 Comment Review F | | 3 Q4 Q1 | Q2 Q3 Q4 | 4 Q1 Q2 | Q3 Q4 Q1 | Q2 Q3 Q4 | Q1 Q2 | Q3 Q4 Q1 | Q2 Q3 Q4 | Q1 Q2 Q3 | Q4 (|
| | | 0 | | | | | | | | | | | | | 8 | | | |
| 063040 | Submit Deliverable to EPA, TDEC and Provide notice to TCWN | U | | 20-Nov-14 A | | • | Deliverable to EPA | TDEC and Pro | vide notice to T | CWN | | | | | 8 8 8 8 8 8 8 8 8 | | | |
| | TDEC Approvals Place Copy of EPA and TDEC Submittal in PDR | | 21-Nov-14 A 21-Nov-14 A | 14-Dec-15 A 24-Nov-14 A | | | d TDEC Approvals | EC Submittal ir | n PDR | | | | | | 8 8 8 8 8 | | | |
| | EPA/TDEC Review | | | 12-Mar-15 A | | FPA/TI | DEC Review | | | | | | | | 8 8 8 8 | | | |
| | | | | | | | | | | | | | | | 8 | | | |
| OB0920 | Address Comments for Final EPA / TDEC Approval | 137 | 13-Mar-15 A | 28-Jul-15 A | | | Address Commen | ts for Final EPA | IDEC Approv | al | | | | | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | | |
| OB0930 | Submit Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval by EPA) | 7 | 08-Dec-15A | 14-Dec-15 A | | | | Submit Copy of | Approved Deliv | erable in the PD | R (within 7 da | ays following Rece | ipt of Approval by | (EPA) | 2 2 2 2 2 3 2 3 2 3 3 3 | | | |
| CMOM- | Fats, Oils, and Grease (FOG) Mgmt. Plan | 880 | 15-Jul-12 A | 12-Dec-14 A | s, Oils, and Grease (FO | Mgmt. Plan | | | | | | | | | 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | | | |
| Consent | Decree Duration (13 Months) | 398 | 24-Apr-13 A | 27-May-14 A | | Ouration (13 Months) | | | | | | | | | 8 | | | |
| OC0100 | Consent Decree Duration | 398 | 24-Apr-13 A | 27-May-14 A | Consent Decree | Duration | | | | | | | | | 8 8 8 8 8 8 8 | | | |
| OC0110 | Consent Decree Duration Completion Milestone | 0 | | 27-May-14 A | | Consent Decree D | uration Completior | Milestone | | | | | | | 8 8 8 8 8 | | | |
| | rocurement | 0 | 15-Jul-12 A | 15-Jul-12 A | curement | • | | | | | | | | | | | | |
| OC1000 | PM Procurement | 0 | 15-Jul-12 A | 15-Jul-12 A | iment | | | | | | | | | | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | | |
| Planning | | | 15-Jul-12A | | lase | - | | | | | | | | | | | | |
| 001005 | Adminstration Period | | | 09-Sep-13 A | | | | | | | | | | | | | | |
| OC1010 | Planning Phase | 159 | 10-Sep-13 A | 16-Feb-14 A | Plannir | | | | | | | | | | - - | | | |
| OC1020 | Program Manager / Owner Review and Coordination | 57 | 17-Feb-14 A | 15-Apr-14 A | | Program Manager / Owne | er Review and Coo | rdination | | | | | | | 8 8 8 8 8 8 | | | |
| Public Do | cument Repository | 41 | 16-Apr-14 A | 27-May-14 A | | Public Document Rep | | | | | | | | | 8 | | | |
| OC2000 | Submit Draft Deliverable to Reference Librarian | 0 | 16-Apr-14 A | 16-Apr-14 A | | Submit Draft Deliverat | ble to Reference Li | brarian | | | | | | | 8 8 8 8 8 8 8 8 8 8 8 | | | |
| OC2010 | Post Copy of Draft Deliverable on City's Website | 0 | 16-Apr-14 A | 16-Apr-14 A | | Post Copy of Draft De | liverable on ¢ity's \ | Vebsite | | | | | | | 8 8 8 8 8 8 8 | | | |
| OC2020 | Public Review Period | 30 | 17-Apr-14 A | 17-May-14 A | | Public Review Period | | | | | | | | | 8 | | | |
| OC2030 | Public Comment Review Period | 9 | 18-May-14 A | 27-May-14 A | | Public Comment Re | view Period | | | | | | | | 8 8 8 8 8 8 8 8 8 | | | |
| OC2040 | Submit Deliverable to EPA, TDEC and Provide notice to TCWN | 0 | | 27-May-14 A | | | | | | | | | | | 8 8 8 8 8 8 8 8 8 | | | |
| | | - | | | | Submit Deliverable ♦ EPA and TDEC App | | Provide notice | | | | | | | 8 | | | |
| | IDEC Approvals Place Copy of EPA and TDEC Submittal in PDR | | 28-May-14 A 28-May-14 A | 12-Dec-14 A 05-Jun-14 A | | Place Copy of EPA | | tal in PDR | | | | | | | 8 8 8 8 | | | |
| OC0910 | EPA/TDEC Review | 35 | 28-May-14 A | 02-Jul-14 A | | EPA/TDEC Review | v | | | | | | | | - - | | | |
| | | | | | | | nts for Final EPA / | TDEC Approval | | | | | | | 8 8 8 8 8 8 | | | |
| 000920 | Address Comments for Final EPA / TDEC Approval | 162 | 03-Jul-14 A | 12-Dec-14 A | | | | | | | | | | | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | | |
| 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 | | Subm | it Copy of Approve | d Deliverable in | the PDR (within | n 7 days folløwin | ng Receipt of | Approval by EPA) | | | - - | | | |
| CMOM- | Gravity Line Preventive Maint. Program | 782 | 18-Oct-12 A | 09-Dec-14 A | M-Gravity Line Prevent | Maint. Program | | | | | | | | | | | | |
| | Decree Duration (13 Months) | | | 27-May-14 A | | Ouration (13 Months) | | | | | | | | | | | | |
| OD1110 | Consent Decree Duration (13 Months) | 398 | 24-Apr-13 A | 27-May-14 A | Consent Decree | Ouration (13 Months) | | | | | | | | | | | | |
| OD1120 | Consent Decree Duration Completion Milestone | 0 | | 27-May-14 A | | Consent Decree | Duration Completi | on Milestone | | | | | | | | | | |
| - | rocurement | | | 22-Jan-13 A | ct Procurement | mt (EV 2040, 2040) E | d Dourster | nd locust - | | | | | | | | | | |
| OD1000 | CD Prequalification Procurement (FY 2012 - 2013) Priority I - Development and Issuance of RFP | | | 01-Dec-12 A | | nt (FY 2012 - 2013) Priority | | inu issuance of | | | | | | | | | | |
| OD1130 | Consultant develops and Submit Scope and Cost proposal | 10 | 02-Dec-12A | 11-Dec-12 A | nsulfant develops and | ubmit Scope and Cost prop | osal | | | | | | | | | | | |
| OD1140 | PMO Reviews/ Negotiates and Approve Proposal / Agreement | 10 | 12-Dec-12 A | 21-Dec-12 A | MO Reviews/ Negotiate | and Approve Proposal / Ag | reement | | | | | | | | | | | |
| OD1150 | PMO Approved Agreement to Council for Approval | 18 | 22-Dec-12A | 08-Jan-13 A | MO Approved Agreem | t to Council for Approval | | | | | | | | | | | | |
| OD1160 | Consultant Signed Agreement to City for Execution | 14 | 09-Jan-13 A | 22-Jan-13 A | Consultant Signed Agre | ment to City for Execution | | | | | | | | | | | | |
| | | | | | Planning Phase | | | | | | | | | | | | | |
| Planning OD1010 | Phase Planning Phase | | | 16-Apr-14 A 28-Mar-14 A | | | | | | | | | | | 8 8 8 8 | | | |

Remaining Work

| Activity Name | At Completion Start Duration | Finish | 2013 Q1 Q2 Q3 Q | 2014 04 Q1 Q2 | 03 04 01 | Q2 Q3 U | Q4 Q1 | Q2 03 | Q4 Q1 | 2017 | | Q1 03 | 2018 2 Q3 | Q4 Q1 | 2019 Q2 Q3 0 | 4 01 | 2020 Q2 Q3 | Q4 01 | 2021 Q2 Q3 | Q4 Q1 0 | 2022 Q2 Q3 (| 4 01 0 | 2023 Q2 |
|--|--------------------------------------|-------------------|----------------------------------|-------------------------|------------------|-------------------|---------------|------------------|-------------|-------------|------------------|------------|--------------|------------|-----------------|------|---------------|-------|---------------|---------|-----------------|--------|------------|
| D1170 Program Manager / Owner Review and Coordination | 18 29-Mar-14 A | 16-Apr-14 A | | Program | n Manager / Ov | wher Review an | nd Cpordina | ation | | | 5 44 | | | | | | Q2 Q3 | | 42 40 | | | | ** |
| ublic Document Repository | 34 17-Apr-14 A | 21-May-14 A | | Public | Document Rep | odsitory | | | | | - | | | | | | | | | | | | |
| D1020 Submit Draft Deliverable to Reference Librarian | 0 17-Apr-14 A | | | | | ble to Referenc | e Librarian | | | | 8 8 8 8 | | | | | | | | | | | | |
| | 0 17 Ann 14 A | 17 Apr 14 A | | PostC | opy of Draft De | eliverable on Çit | v's Website | | | | | | | | | | | | | | | | |
| D1030 Post Copy of Draft Deliverable on City's Website | 0 17-Apr-14 A | 17-Apr-14 A | | | opy of Dialt De | | ly 3 Webballe | | | | - | | | | | | | | | | | | |
| D1040 Public Review Period | 30 17-Apr-14 A | 17-May-14 A | | Public | Review Period | | | | | | 1 | | | | | | | | | | | | |
| D1050 Public Comment Review Period | 3 18-May-14 A | 21-May-14 A | | Publ | ic Comment Re | eview Period | | | | | 2 2 2 2 | | | | | | | | | | | | |
| | | | | | | | | | | | 1 | | | | | | | | | | | | |
| D1060 Submit Deliverable to EPA, TDEC and Provide notice to TCWN | 0 | 21-May-14 A | | Si | bmit Deliverabl | le to EPA, TDEC | C and Provi | de notice to | TCWN | | | | | | | | | | | | | | |
| PA and TDEC Approvals | 201 22-May-14 A | | | | and TDEC App | - 1 | | | | | | | | | | | | | | | | | |
| D1070 Place Copy of EPA and TDEC Submittal in PDR | 5 22-May-14 A | 27-May-14 A | | Plac | e Copy of EPA | and TDEC Sub | omittal in PD | R | | | | | | | | | | | | | | | |
| DD1080 EPA/TDEC Review | 46 22-May-14 A | 07-Jul-14 A | | EPA | / TDEC Review | N | | | | | | | | | | | | | | | | | |
| DD1090 Address Comments for Final EPA / TDEC Approval | 150 08-Jul-14 A | 05-Dec-14 A | | Δ | ddress Comme | ents for Final EF | PA/TDECA | Approval | | | - | | | | | | | | | | | | |
| | 130 00-30-14 A | 03-Dec-14 A | | | | | | pp. ordi | | | | | | | | | | | | | | | |
| D1100 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 | | | Submi I | it Copy of Appro | oved Deliver | rable in the l | PDR (withi | in 7 days f | ollowing | Receipt of | Approval | by EPA) | | | | | | | | | |
| MOM-PS Operations and Preventive Maint. Programs | 1099 18-Oct-12 A | 22-Oct-15 A | M-PS Operations an | d Preventive Ma | nt. Programs | | | | | | | | | | | | | | | | | | |
| | | 04.1 | Connect D | Duration (fr) | Montha | | | | | | | | | | | | | | | | | | |
| E1110 Consent Decree Duration (19 Months) | 580 24-Apr-13 A 579 24-Apr-13 A | | | ree Duration (19 | | | | | | | - | | | | | | | | | | | | |
| | 515 24-Api-15A | 24-1101-147 | | | | | | | | | 1 | | | | | | | | | | | | |
| E1120 Consent Decree Duration Completion Milestone | 0 | 24-Nov-14 A | | | Conser | nt Decree Dura | ation Comple | etion Milesto | ine | | | | | | | | | | | | | | |
| oject Procurement | 97 18-Oct-12 A | 22-Jan-13 A | ct Procurement | | • | | | | | | - | | | | | | | | | | | | |
| CD Prequalification Procurement (FY 2012 - 2013) Priority I - Development and Issuance of RFP | 45 18-Oct-12 A | 01-Dec-12 A | requalification Procu | rement (FY 2012 | - 2013) Priority | y I - Developme | ent and Issu | ance of RFF | | | - | | | | | | | | | | | | |
| E3100 Consultant develops and Submit Scope and Cost proposal | 10 02-Dec-12A | 11-Dec-12 A | onsultant develops a | nd Submit Scope | and Costprop | posal | | | | | | | | | | | | | | | | | |
| | | | | | _ | | | | | | - | | | | | | | | | | | | |
| E3110 PMO Reviews/ Negotiates and Approve Proposal / Agreement | 10 12-Dec-12A | 21-Dec-12 A | MO Reviews/ Negoti | ates and Approv | e Próposal / Ag | reement | | | | | 8 | | | | | | | | | | | | |
| E3120 PMOApproved Agreement to Council for Approval | 18 22-Dec-12A | 08-Jan-13 A | MO Approved Agree | ement to Counc i | for Approval | | | | | | 1 1 1 1 | | | | | | | | | | | | |
| DE3130 Consultant Signed Agreement to City for Execution | 14 09- Jan-13 A | 22- Jan-13 A | Consultant Signed A | greement to City | for Execution | | | | | | | | | | | | | | | | | | |
| | | | Γ | | | | | | | | | | | | | | | | | | | | |
| anning Phase | 626 24-Jan-13 A | 12-Oct-14 A | Planning Phase Planning Phase | | | | | | | | 1 | | | | | | | | | | | | |
| E1010 Planning Phase | 613 24-Jan-13 A | 29-Sep-14 A | | | | | | | | | | | | | | | | | | | | | |
| E1130 Program Manager / Owner Review and Coordination | 12 30-Sep-14 A | 12-Oct-14 A | | | Program M | lanager / Owne | er Review a | nd Coordina | ation | | | | | | | | | | | | | | |
| ublic Document Repository | 36 13-Oct-14 A | 18-Nov-14 A | | | Public Do | cument Reposi | itory | | | | 1 | | | | | | | | | | | | |
| E1020 Submit Draft Deliverable to Reference Librarian | 0 13-Oct-14 A | 13-Oct-14 A | | | | raft Deliverable | | ce Librarian | | | 8 8 8 8 | | | | | | | | | | | | |
| DE1040 Public Review Period | 35 13-Oct-14 A | 17-Nov-14 A | | | Public Rev | view Period | | | | | - | | | | | | | | | | | | |
| | 10 000 1477 | 17 1107 1477 | | | | | | | | | | | | | | | | | | | | | |
| E1030 Post Copy of Draft Deliverable on City's Website | 0 13-Oct-14 A | 13-Oct-14 A | | | Post Copy | y of Draft Delive | erable on Ci | ty's Website | | | | | | | | | | | | | | | |
| E1050 Public Comment Review Period | 0 18-Nov-14 A | 18-Nov-14 A | | | Public C | Comment Revie | ew Period | | | | | | | | | | | | | | | | |
| E1060 Submit Deliverable to EPA, TDEC and Provide notice to TCWN | 0 | 18-Nov-14 A | | | | | | | | | | | | | | | | | | | | | |
| 21000 Submit Deliverable to EPA, TDEC and Provide holice to TCWN | 0 | 10-NOV-14 A | | | Submit ♦ | it Deliverable to | EPA, TDEC | and Provid | e notice to | TCWN | | | | | | | | | | | | | |
| A and TDEC Approvals | 338 18-Nov-14 A | | | | | d TDEC Approv | | h maithful in DD | | | | | | | | | | | | | | | |
| Place Copy of EPA and TDEC Submittal in PDR | 6 18-Nov-14 A | 24-Nov-14 A | | | | opy of EPA and | | omittal in PD | ĸ | | - | | | | | | | | | | | | |
| 1080 EPA / TDEC Review | 113 19-Nov-14 A | 12-Mar-15 A | | | EPA/T | DEC Review | | | | | | | | | | | | | | | | | |
| E1090 Address Comments for Final EPA / TDEC Approval | 223 13-Mar-15 A | 22-Oct-15 A | - | | | Address Com | nents for Fin | nal EPA / TDI | EC Approv | /al | | | | | | | | | | | | | |
| | 220 10-Wai-13A | LE OUFIDA | | | | | | | | | | | | | | | | | | | | | |
| E1100 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 | | | | ľ | Submit Cop | y of Approve | ed Delivera | able in the | PDR (wi | thin 7 day | s following | Receipt of | Approval by | EPA) | | | | | | | |
| IOM-Hydraulic Model Development | 2793 26-Nov-08 A | 31-Jul-16 A | | | | | | | | | | | | | | | | | | | | | |
| | 1100 01 1 10 | 24.14-22.04 | Consent Dee | ree Duration (37 | Monthe) | | | | | | 8 | | | | | | | | | | | | |
| Densent Decree Duration (37 Months) F1110 Consent Decree Duration | 1126 24-Apr-13 A 1126 24-Apr-13 A | | Consent Dec | ree Duration | | | | - | | | | | | | | | | | | | | | |
| | 1120 24-Apt-13A | 2-7-11/10 y= 10 A | | | | | | | | 1 | | | 1 1 | | | | | | 1 1 | | 1 | | 1 |

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Critical Remaining... Summary Actual Level of Effort 🔶

Actual Work

Remaining Work

Baseline Milestone

Remaining Work

| 10 Note: Note: <td< th=""><th></th><th>Activity Name</th><th>At Completion Duration</th><th>Start</th><th>Finish</th><th>201 Q1 Q2</th><th></th><th>2014 Q2 Q3</th><th>Q4 Q1 Q2</th><th>015 Q3 Q4</th><th>201 Q1 Q2</th><th></th><th>201 Q1 Q2</th><th></th><th></th><th>2018 2 Q3 C</th><th>Q4 Q1</th><th>2019 Q2 Q3</th><th>Q4 Q1</th><th>2020 Q2 Q3</th><th>3 Q4 Q</th><th>1 Q2</th><th>Q3 Q4</th><th>Q1 Q2</th><th>Q3 Q4</th><th>Q1 C</th><th>20 Q2</th></td<> | | Activity Name | At Completion Duration | Start | Finish | 201 Q1 Q2 | | 2014 Q2 Q3 | Q4 Q1 Q2 | 015 Q3 Q4 | 201 Q1 Q2 | | 201 Q1 Q2 | | | 2018 2 Q3 C | Q4 Q1 | 2019 Q2 Q3 | Q4 Q1 | 2020 Q2 Q3 | 3 Q4 Q | 1 Q2 | Q3 Q4 | Q1 Q2 | Q3 Q4 | Q1 C | 20 Q2 |
|---|----------|--|---------------------------|----------------------------|----------------------------|--------------|---------------|----------------|-----------------|--------------|--------------|---------------|----------------|-------------|---------------|----------------|-------------|-----------------|------------|---------------|--------|------|-------|-------|-------|------|----------|
| 10 Non-xer | 120 | Consent Decree Duration Completion Milestone | 0 | | 24-May-16 A | | | | | | Co | nsent Decr | ee Duration | Completio | on Milestone | | | | | | | | | | | | |
| Note:::::::::::::::::::::::::::::::::::: | | | 62 | 26-Nov-08 A | 26-Jan-09 A | | | | | | | | | | | | | | | | | | | | | | |
| 90 Normality 000 Partial Normality Normality <td>005</td> <td>PM Procurement</td> <td>62</td> <td>26-Nov-08 A</td> <td>26-Jan-09 A</td> <td></td> | 005 | PM Procurement | 62 | 26-Nov-08 A | 26-Jan-09 A | | | | | | | | | | | | | | | | | | | | | | |
| Note Note Note Note Note Note Note Note Note Note Note Note Note Note <td></td> | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Name Name Name <td>1010</td> <td>Planning Phase</td> <td>2639</td> <td>27-Jan-09 A</td> <td>30-Apr-16 A</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>_</td> <td></td> | 1010 | Planning Phase | 2639 | 27-Jan-09 A | 30-Apr-16 A | | | | | | _ | | | | | | | | | | | | | | | | |
| Rest Res Rest Rest | 1006 | Administration Period | 2639 | 27-Jan-09 A | 30-Apr-16 A | | | | | | _ | | | | | | | | | | | | | | | | |
| 111 Barlow Linking Linki | 1130 | Program Manager / Owner Review and Coordination | 23 | 30-Apr-16 A | 23-May-16 A | | | | | | Prog | ram Manag | er / Owner F | Review an | d Coordinat | tion | | | | | | | | | | | |
| 10 Barlow Association | ulic Do | cument Repository | 1 | 24-May-16 A | 24-May-16 A | | | | | | Pul | olic Docume | ent Reposito | ry | | | | | | | | | | | | | |
| 10 Augustantianes and a risk and a second secon | | | | | | | | | | | | | | | e Librarian | | | | | | | | | | | | |
| Name | 1145 | Submit Deliverable to EPA, TDEC and Provide notice to TCWN | 0 | | 24-May-16 A | | | | | | | Submit Do | iverable to E | | | la notica ta | | | | | | | | | | | |
| National Mathematication National Mathmatication National Mathmat | 44.40 | De 1 Ouron (Der A.D. Konseld, en Ottob Web its | | 04 Mar 40 A | 04.1440.4 | | | | | | Pd | • | | | | | | | | | | | | | | | |
| Max M | 1142 | Post Copy of Draft Deliverable on City's Website | 1 | 24-May-16 A | 24-May-16 A | | | | | | | | | | ly 5 Website | | | | | | | | | | | | |
| Note Composition 12 Address 2000 A | 1143 | Public Review Period | 0 | 24-May-16 A | 24-May-16 A | | | | | | Pul | olic Review | Period | | | | | | | | | | | | | | |
| Image Image <th< td=""><td>1144</td><td>Public Comment Review Period</td><td>0</td><td>24-May-16 A</td><td>24-May-16 A</td><td></td><td></td><td></td><td></td><td></td><td>Pul</td><td>olic Comme</td><td>nt Review P</td><td>eriod</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<> | 1144 | Public Comment Review Period | 0 | 24-May-16 A | 24-May-16 A | | | | | | Pul | olic Comme | nt Review P | eriod | | | | | | | | | | | | | |
| Image Image <th< td=""><td>A and T</td><td>DEC Approvals</td><td>0</td><td>31-Jul-16 A</td><td>31-Jul-16 A</td><td></td><td></td><td></td><td></td><td></td><td></td><td>EPA and T</td><td>DEC Approv</td><td>/als</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<> | A and T | DEC Approvals | 0 | 31-Jul-16 A | 31-Jul-16 A | | | | | | | EPA and T | DEC Approv | /als | | | | | | | | | | | | | |
| Norme Norme <th< td=""><td></td><td></td><td>0</td><td>31-Jul-16 A</td><td>31-Jul-16 A</td><td></td><td></td><td></td><td></td><td></td><td></td><td>Notification</td><td>n of Complet</td><td>ion to EPA</td><td>A, DEC, TCV</td><td>VN</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<> | | | 0 | 31-Jul-16 A | 31-Jul-16 A | | | | | | | Notification | n of Complet | ion to EPA | A, DEC, TCV | VN | | | | | | | | | | | |
| bit bit< | OM-0 | Capacity Assurance Program | 1536 | 15-Jul-12 A | 28-Sep-16 A | acity Assura | ance Program | | | | | | | | | | | | | | | | | | | | |
| 1010 Constructiones Curation 1110 2 4449-11A 2 4449-11A 2 4449-11A 2 4449-11A 2 449-11A 2 449-1 | | | 1126 | 24 Apr 12 A | 24 May 16 A | Cons | ent Decree Du | ration (37 Mon | ths) | | | | | | | | | | | | | | | | | | |
| Image: Image:< | | | | | | | ent Decree Du | ration | | | | | | | | | | | | | | | | | | | |
| Image: Image:< | 1120 | Concept Decree Duration Completion Milectone | 0 | | 24 May 16 A | | | | | | | | | | | | | | | | | | | | | | |
| NM Nousine Adv Adv Adv Adv Adv NM Nousine Para Sec | 1120 | | 0 | | | | | | | | ¢ | onsent De | cree Duratio | n Complet | tion Milestor | ne | | | | | | | | | | | |
| Num Num <td>-</td> <td></td> | - | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10000 Administration Period 620 10.4412A 4.060.14A 2000-16A 1010 Paurity Please 454 50.041A 20.00-15A 12.00-15A 1010 Program Manager / Ower Review and Coordination 113 20.00-15A 12.00-15A 12.00-15A 1010 Sourdin Deveewee and Coordination 113 13.00-15A 13.00-15A 23.00-15A 1010 Sourdin Deveewee and Coordination 13.00-15A 13.00-15A 13.00-15A 13.00-15A 1010 Sourdin Deveeme Laboration 0 13.40-15A 13.00-15A 13.00-15A 10100 Control Optical Delevated to Reference Laboration 0 13.40-15A 13.40-15A 13.40-15A 10100 Control Optical Delevated to Reference Period 0 13.40-15A 13.40-15A 13.40-15A 13.40-15A 10100 Control Delevate to PPA, TOEC and Provide notice to TCWA 24.40-15A | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3100 Parame Parace 4.5 15.02-14.4 2.20e-16.4 3110 Parame Macager / Domer Review and Coordination 1.1 2.20e-16.4 2.20e-16.4 3110 Summary Responsibility 1.20e-16.4 2.20e-16.4 2.20e-16.4 3110 Review Resol Commary Resolution 1.20e-16.4 2.20e-16.4 3110 Review Resol Commary Review Resol 1.20e-16.4 2.20e-16.4 3110 Review Resol 1.20e-16.4 2.20e-16.4 2.20e-16.4 31100 Review Review | | | 1367 821 | 15-Jul-12 A 15-Jul-12 A | 12-Apr-16 A 14-Oct-14 A | on Périod | | | | | - | | | | | | | | | | | | | | | | |
| Number Construction | 21010 | Diapping Disco | | | | | | | Planning Phase | | | | | | | | | | | | | | | | | | |
| bit Document Repository 1 1-2-40-16A 2-3-369-16A 1020 submit Date-scale to Reference Libration 0 1-2-40-16A 1-3-40-16A 1-3-40- | | - | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11202 Submit Dathematabis Deferences Librarian 0 13.Apr-18.A 13.A | 1130 | Program Manager / Owner Review and Coordination | 111 | 23-Dec-15 A | 12-Apr-16 A | | | | | P | rogram Mar | ager / Own | er Review a | nd Coordi | ination | | | | | | | | | | | | |
| Name Name Name Name 1030 Prote Copy of Dratt Delverable on City's Websile 0 13-Apr:16A | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Number Numbr Numbr Numbr <td>1020</td> <td>Submit Draft Deliverable to Reference Librarian</td> <td>0</td> <td>13-Apr-16 A</td> <td>13-Apr-16 A</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Subm</td> <td>t Draft Deliv</td> <td>erable to Re</td> <td>eterenice L</td> <td>librarian</td> <td></td> | 1020 | Submit Draft Deliverable to Reference Librarian | 0 | 13-Apr-16 A | 13-Apr-16 A | | | | | | Subm | t Draft Deliv | erable to Re | eterenice L | librarian | | | | | | | | | | | | |
| Number Nerview Period 10 14-May-16 23-May-16A 10500 Public Comment Review Period 10 14-May-16A 23-May-16A 10500 Public Comment Review Period 0 23-May-16A 23-May-16A 10700 Pace Copy of EPA and TDEC Submittai n PDR 16 24-May-16A 23-Jun-16A 1080 EPA/TDEC Review 28 24-May-16A 21-Jun-16A 1080 EPA/TDEC Review 28 24-May-16A 21-Jun-16A 1080 EPA/TDEC Review 28 24-May-16A 21-Jun-16A 1080 EPA/TDEC Review 28 22-Jun-16A 20-Sep-16A 1090 Address Comments for Final EPA/TDEC Approval 90 22-Jun-16A 20-Sep-16A 1090 Address Comments for Final EPA/TDEC Approval 90 22-Jun-16A 25-Sep-16A 1090 Address Comments for Final EPA/TDEC Approval 10-Sep-16A 25-Sep-16A 25-Sep-16A 1090 Address Comments for Final EPA/TDEC Approval 10-Sep-16A 25-Sep-16A 25-Sep-16A 1090 Coment Decree Duration (13 Months) 24-Apr-13A 27-May-14A Coment Decree Duration (13 Months) | 61030 | Post Copy of Draft Deliverable on City's Website | 0 | 13-Apr-16 A | 13-Apr-16 A | | | | | | Post C | opy of Dra | ft Deliverable | e on City's | Website | | | | | | | | | | | | |
| Submit Deliverable to EPA, TDEC and Provide notice to TCWN 0 23-May-16A And TDEC Approvals 127 24-May-16A 23-May-16A Submit Deliverable to EPA, TDEC and Provide notice to TCWN 68 24-May-16A 31-Jul-16A Submit Deliverable to EPA, TDEC Approval 68 24-May-16A 21-Jun-16A Submit Copy of EPA and TDEC Submittal in PDR 68 24-May-16A 21-Jun-16A Submit Copy of Approval 99 22-Jun-16A 20-Sep-16A 25-Sep-16A Submit Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval) 7 21-Sep-16A 28-Sep-16A Submit Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval) 7 21-Sep-16A 28-Sep-16A Submit Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval) 7 21-Sep-16A 28-Sep-16A Submit Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval) 7 21-Sep-16A 28-Sep-16A Submit Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval be/Pravide To Text Decide Duration Submit Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval be/Pravide To Text Duration Submit Copy of Approved Deliverable To Text Duration | 61040 | Public Review Period | 30 | 13-Apr-16 A | 13-May-16 A | | | | | | Public | Review Pe | riod | | | | | | | | | | | | | | |
| 1060 Submit Deliverable to EPA, TDEC and Provide notice to TCWN 0 23-May-16A 1070 Piace Copy of EPA and TDEC Submittal in PDR 68 24-May-16A 31-Jul-16A 1070 Piace Copy of EPA and TDEC Approvals 68 24-May-16A 31-Jul-16A 1070 Piace Copy of EPA and TDEC Submittal in PDR 68 24-May-16A 31-Jul-16A 1070 Piace Copy of EPA and TDEC Approval 0 22-Jun-16A 20-Sep-16A 1070 Jubrit Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval by EPA) 0 21-Sep-16A 28-Sep-16A 1070 Piace Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval by EPA) 10 21-Sep-16A 28-Sep-16A 1070 Piace Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval by EPA) 10 20-Sep-16A 28-Sep-16A 1070 Piace Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval by EPA) 10 20-Sep-16A 28-Sep-16A 1070 Consent Decree Duration (13 Months) 39 24-Apr-13A 27-May-14A 20-Sep-16A 1070 Consent Decree Duration (13 Months) 39 24-Apr-13A 27-May-14A | 1050 | Public Comment Review Period | 10 | 14-May-16 A | 23-May-16 A | | | | | | Pub | lic Commer | nt Review Pe | riod | | | | | | | | | | | | | |
| A and DEC Approvals 127 24May-16A 28-Sep-16A 11070 Place Copy of EPA and TDEC Submittal n PDR 68 24-May-16A 31-Jul-16A 11080 EPA / TDEC Review 28 24-May-16A 21-Jun-16A 20-Sep-16A 11090 Address Comments for Final EPA / TDEC Approval 90 22-Jun-16A 20-Sep-16A 20-Sep-16A 11000 Submit Copy of Approved Deliverable in the PDR (withn 7 days following Receipt of Approval) 7 21-Sep-16A 28-Sep-16A 11000 Submit Copy of Approved Deliverable in the PDR (withn 7 days following Receipt of Approval) 7 21-Sep-16A 28-Sep-16A 11000 Consent Decree Duration (13 Months) 368 24-Apr-13A 27-May-14A Consent Decree Duration (13 Months) 1101 Consent Decree Duration (13 Months) 368 24-Apr-13A 27-May-14A Consent Decree Duration (13 Months) 1102 Consent Decree Duration (13 Months) 368 24-Apr-13A 27-May-14A Consent Decree Duration (13 Months) 1101 Consent Decree Duration (13 Months) 27 27-May-14A Consent Decree Duration (13 Months) 1102 Consent Decree Duration (13 Months) 27-May-14A 27-Ma | | | | 14 May 1071 | | | | | | | | | | | | | | | | | | | | | | | |
| 10100 Place Copy of EPA and TDEC Submittal in PDR 0 24 May-16A 31 Jul-16A 10100 EPA/TDEC Review 0 22 Jun-16A 21 Jun-16A 10100 Address Comments for Final EPA/TDEC Approval 90 22 Jun-16A 20-Sep-16A 10100 Submit Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval by EPA) 10-Sep-16A 28-Sep-16A 10100 Submit Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval by EPA) 10-Sep-16A 28-Sep-16A 10100 Submit Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval by EPA) 10-Sep-16A 28-Sep-16A 10100 Consent Decree Duration (13 Months) 308 24-Apr-13A 17-May-14A 10100 Consent Decree Duration 308 24-Apr-13A 27-May-14A 10110 Consent Decree Duration 308 24-Apr-13A 27-May-14A 10110 Consent Decree Duration 308 24-Apr-13A 27-May-14A 10110 Consent Decree Duration 308 24-Apr-13A 27-May-14A | 1060 | Submit Deliverable to EPA, TDEC and Provide notice to TCWN | 0 | | 23-May-16 A | | | | | | • | - | 1 | A, TDEC | and Provide | e ntotice to⊺ | TCWN | | | | | | | | | | |
| Instruction | | | | | | | | | | | | | | FC Subm | | | | | | | | | | | | | |
| 1090 Address Comments for Final EPA/TDEC Approval 90 22-Jun-16A 20-Sep-16A 1000 Submit Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval by EPA) 7 21-Sep-16A 28-Sep-16A 1000 Junet Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval by EPA) 7 21-Sep-16A 28-Sep-16A 1000 Inter-Jurisdictional Agreement Program 79 15-Jul-12A 18-Sep-14A -Jurisdictional Agreement Program 10100 Consent Decree Duration (13 Months) 398 24-Apr-13A 27-May-14A Consent Decree Duration (13 Months) 101100 Consent Decree Duration 398 24-Apr-13A 27-May-14A Consent Decree Duration (13 Months) Consent Decree Duration (13 Months) 101100 Consent Decree Duration 398 24-Apr-13A 27-May-14A Consent Decree Duration (13 Months) Consent Decree Duration (13 Months) 101100 Consent Decree Duration 398 24-Apr-13A 27-May-14A Consent Decree Duration (13 Months) Consent Decree Duration (13 Mont | 1070 | Prace Copy of EPA and TDEC Submittal in PDR | 68 | 24-May-16 A | 31-Jul-16 A | | | | | | | | | LC Subm | | | | | | | | | | | | | |
| Submit Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval by 7 21-Sep-16 A 28-Sep-16 A IOM-Inter-Jurisdictional Agreement Program 79 15-Jul-12A 16-Sep-14 A Jurisdictional Agreement Program INSert Decree Duration 398 24-Apr-13 A 27-May-14 A Consent Decree Duration (13 Months) 1110 Consent Decree Duration 398 24-Apr-13 A 27-May-14 A 1110 Consent Decree Duration 398 24-Apr-13 A 27-May-14 A | 1080 | EPA / TDEC Review | 28 | 24-May-16 A | 21-Jun-16 A | | | | | | EP/ | A/TDEC R | eview | | | | | | | | | | | | | | |
| EPA) EPA) Inter-Jurisdictional Agreement Program 793 15-Jul-12A 16-Sep-14A Inter-Jurisdictional Agreement Program IOM-Inter-Jurisdictional Agreement Program 793 15-Jul-12A 16-Sep-14A Inter-Jurisdictional Agreement Program Insent Decree Duration (13 Months) 398 24-Apr-13A 27-May-14A Consent Decree Duration 13 Months) Inter-Jurisdictional Agreement Program 0 0 0 0 0 0 | 61090 | Address Comments for Final EPA / TDEC Approval | 90 | 22-Jun-16 A | 20-Sep-16 A | | | | | | A | ddress Cor | nments for F | inal EPA/ | TDEC Appr | oval | | | | | | | | | | | |
| EPA) Functional Agreement Program 793 15-Jul-12.A 16-Sep-14.A F-Jurisdictional Agreement Program IOM-Inter-Jurisdictional Agreement Program 793 15-Jul-12.A 16-Sep-14.A F-Jurisdictional Agreement Program Insent Decree Duration (13 Months) 398 24-Apr-13.A 27-May-14.A Consent Decree Duration (13 Months) 11110 Consent Decree Duration 398 24-Apr-13.A 27-May-14.A Consent Decree Duration | G1100 | Submit Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval by | 7 | 21-Sep-16 A | 28-Sep-16 A | | | | | | | Şubmit | Copy of App | proved De | eliverable in | the PDR (v | within 7 da | iys following I | Receipt of | Approval b | y EPA) | | | | | | |
| nsent Decree Duration (13 Months) 1110 Consent Decree Duration Completion Meeters 1120 Consent Decree Duration Completion Meeters | | EPA) | | | | | | Program | | | | | | | | | | | | | | | | | | | |
| 1110 Consent Decree Duration 398 24-Apr-13 A 27-May-14 A 1120 Consent Decree Duration 0 21 May 14 A | OM-I | nter-Jurisdictional Agreement Program | 793 | 15-Jul-12 A | 16-Sep-14 A | I-Julisuicio | laiAgreementr | | | | | | | | | | | | | | | | | | | | |
| 1120 Concept Degree Duration Completion Microsom | | | | | | | · · · · · | | ths) | | | | | | | | | | | | | | | | | | |
| 1120 Consent Decree Duration Completion Milestone 0 21-Mav-14 A | 1110 | | 398 | 24-Apr-13 A | ∠ <i>r</i> -may-14 A | | | | | | | | | | | | | | | | | | | | | | |
| Consent Decree Duration Completion Milestone | 11120 | Consent Decree Duration Completion Milestone | 0 | | 21-May-14 A | | | Consent | Decree Duration | n Completion | Milestone | | | | | | | | | | | | | | | | |
| oject Procurement 0 15-Jul-12A 15-Jul-12A urement | oject Pr | ocurement | 0 | 15-Jul-12 A | 15-Jul-12 A | curement | | - | | | | | | | | | | | | | | | | | | | |

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WASTE RESOURCES DIVISION

| | Activity Name | At Completion Duration | Start | Finish | Q1 | 2013 Q2 Q3 0 | Q4 Q1 | | 14 Q3 Q4 | | 2015 Q2 Q3 | Q4 (| | 16 Q3 Q | Q4 Q1 | 20 ⁻ | | Q4 Q1 | 2018 Q2 0 | | 2019 2 Q3 | Q4 Q | 202 1 Q2 | | 2021 2 Q3 (| Q4 Q1 | 2022 Q2 Q3 | 3 Q4 | Q1 Q |
|----------------|--|---------------------------|----------------------------|------------|----------|-----------------|-------|---------------|-----------------|------------|------------------------|------------|---|------------|------------|-----------------|---------|-------------|--------------|---------|--------------|------|-------------|---|----------------|-------|---------------|------|------|
| 000 | PM Procurement | 0 | 15-Jul-12 A | 15-Jul-12 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ning | Phase | | 15-Jul-12 A | | _ | | | - | | | | | 2 2 2 2 2 2 2 | | | | | | | | | | | | | | | | |
| 005 | Administration Period | 244 | 15-Jul-12 A | 15-Mar-13 | A on Per | iod | | | | | | | 8 8 8 8 8 | | | | | | | | | | | | | | | | |
| 010 | Planning Phase | 322 | 16-Mar-13 A | 31-Jan-14 | A Pla | anning Phase | e | | | | | | 2 2 2 2 2 2 2 | | | | | | | | | | | | | | | | |
| 1130 | Program Manager / Owner Review and Coordination | 68 | 01-Feb-14 A | 10-Apr-14 | A | | Pr | ogram I | Manager / Ov | vner Rev | view and | Coordin | nation | | | | | | | | | | | | | | | | |
| lic Do | cument Repository | 35 | 16-Apr-14 A | 21-Mav-14 | A | | | Publi | c Document I | Reposito | ory | | 8 | | | | | | | | | | | | | | | | |
| | Submit Draft Deliverable to Reference Librarian | | 16-Apr-14 A | | | | | | hit Draft Deliv | 1 | | ice Libra | arian | | | | | | | | | | | | | | | | |
| 1030 | Post Copy of Draft Deliverable on City's Website | 0 | 16-Apr-14 A | 16-Apr-14 | A | | | Post | Copy of Draf | t Deliver | rable on C | city's We | ebsite | | | | | | | | | | | | | | | | |
| 1040 | Public Review Period | 30 | 17-Apr-14 A | 17-May-14 | A | | | <u>P</u> ubli | c Review Per | riod | | | 2 2 2 2 2 2 2 2 | | | | | | | | | | | | | | | | |
| | | | | | | | | _ | | | u Davia d | | 5 5 5 5 5 | | | | | | | | | | | | | | | | |
| 1050 | Public Comment Review Period | 3 | 18-May-14 A | 21-May-14 | A | | | ſ | blic Commen | Review | w Period | | 8 8 8 8 8 8 | | | | | | | | | | | | | | | | |
| 1060 | Submit Deliverable to EPA, TDEC and Provide notice to TCWN | 0 | | 21-May-14 | A | | | Si | ubmit Delivera | able to E | EPA, TDE | C and P | Provide no | tice to TC | wN | | | | | | | | | | | | | | |
| | DEC Approvals | | 22-May-14 A | | | | | | A and TDEC | | | | | | | | | | | | | | | 8 | | | | | |
| 11070 | Place Copy of EPA and TDEC Submittal in PDR | 5 | 22-May-14 A | 27-May-14 | A | | | | ice Copy of E | | I IDEC St | uomittal i | In PDR | | | | | | | | | | | | | | | | |
| 1080 | EPA / TDEC Review | 117 | 22-May-14 A | 16-Sep-14 | A | | | E | A/TPEC Re | view | | | | | | | | | | | | | | | | | | | |
| 1090 | Address Comments for Final EPA / TDEC Approval | 0 | 16-Sep-14 A | 16-Sep-14 | A | | | | Address | s Comm | ents for F | inal EPA | A/ TREC A | pproval | | | | | | | | | | | | | | | |
| 1100 | Submit Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval by | 0 | 16-Sep-14 A | 16-Sep-14 | A | | | | Submit | Copy of | Approved | l Deliver | rable in the | PDR (w | /ithin 7 d | lays folk | wing Re | eceipt of / | Approval | by EPA) | | | | | | | | | |
| | EPA) | | 25-Mar-11 A | | |) Work Plan | | 8 | | | | | 2 2 2 2 2 2 2 2 | | | | | | | | | | | | | | | | |
| | Sanitary Sewer Evaluation Study (SSES) Work Plan | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ES W | ork Plan | 1100 | 15-Jul-12 A | 20-Jul-157 | Plan | | | | | | | | 8 8 8 8 8 | | | | | | | | | | | | | | | | |
| | Decree Duration (19 Months) | | 24-Apr-13 A | | | Consent Dec | | | | | | | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | | | | | | | | | | | | | | | |
| 1110 | Consent Decree Duration | 579 | 24-Apr-13 A | 24-Nov-14 | A | Consent Der | | | | | | | 5 5 5 5 5 | | | | | | | | | | | | | | | | |
| 1120 | Consent Decree Duration Completion Milestone | 0 | | 24-Nov-14 | A | | | | c | consentl | Decree D | uration | Completio | n Milesto | one | | | | | | | | | | | | | | |
| | ocurement | | 15-Jul-12 A | | | ent | | | | | | | 8 8 8 8 8 | | | | | | | | | | | | | | | | |
| 1000 | PM Procurement | 0 | 15-Jul-12 A | 15-Jul-127 | A iment | | | | | | | | 5 5 5 5 5 5 5 | | | | | | | | | | | | | | | | |
| anning 1005 | Phase Administration Phase | | 15-Jul-12 A 15-Jul-12 A | | | ise | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | 8 | | | | | | | | | | | | | | | | |
| 1010 | Planning Phase | 605 | 15-Jan-13 A | 11-Sep-14 | A Planhi | ng Phase | | | | | | | 2 2 2 2 2 2 2 2 | | | | | | | | | | | | | | | | |
| 1130 | Program Manager / Owner Review and Coordination | 34 | 12-Sep-14 A | 16-Oct-14 | 4 | | | | Program | n Manag | ger / Own | er Revie | ew and Co | ordinatio | n | | | | | | | | | | | | | | |
| blic Do | cument Repository | 34 | 17-Oct-14 A | 20-Nov-14 | A | | | | | | nent Repo | | | | | | | | | | | | | | | | | | |
| 1020 | Submit Draft Deliverable to Reference Librarian | 0 | 17-Oct-14 A | 17-Oct-14 | ^ | | | | Subm | ut Draft D | Deliverabl | e to Refe | terence Lit | orarian | | | | | | | | | | | | | | | |
| 1030 | Post Copy of Draft Deliverable on City's Website | 0 | 17-Oct-14 A | 17-Oct-14 | 4 | | | | Post C | Copy of I | Draft Deli | verable o | on Çity's V | Vebsite | | | | | | | | | | | | | | | |
| 1040 | Public Review Period | 30 | 18-Oct-14 A | 17-Nov-14 | A | | | | Public | Review | v Period | | 5 5 5 5 5 5 5 | | | | | | | | | | | | | | | | |
| 1050 | Public Comment Review Period | 0 | 18-Nov-14 A | 18-Nov-14 | A | | | | Pub | olic Comr | iment Rev | iew Peri | iod | | | | | | | | | | | | | | | | |
| 1060 | Submit Deliverable to EPA, TDEC and Provide notice to TCWN | 0 | | 20-Nov-14 | A | | | | | | | | | | | | | | | | | | | 8 | | | | | |
| | | 0 | | | | | | | • | 1 | liverable t | | IDEC and | Provide | notice to | o I CWN | | | | | | | | | | | | | |
| | DEC Approvals Place Copy of EPA and TDEC Submittal in PDR | | 21-Nov-14 A 21-Nov-14 A | | | | | | | 1 | DEC Appr y of EPA a | | C Submitt | al in PDR | | | | | | | | | | | | | | | |
| | | | | | | | | | FD/ | AReview | w and App | mval | 5 5 5 5 5 5 | | | | | | | | | | | | | | | | |
| | EPA Review and Approval | | 21-Nov-14 A | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1090 | TDEC Review and Approval | 111 | 21-Nov-14 A | 12-Mar-15 | A | | | | | EC Revi | iew and A | pproval | | | | | | | | | | | | | | | | | |
| 1092 | Revise Submittal Documents | 52 | 13-Mar-15 A | 04-May-15 | A | | | 8 | | Revi | /ise Subm | ittal Doc | cuments | | | | | | | | | | | | | | | | |
| 1094 | Final EPA Review and Approval | 34 | 05-May-15 A | 08-Jun-15 | A | | | | | F | Einal EPA | Review | and Appr | oval | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | 8 | | | | | | | | | | | | | | | | |

WASTE RESOURCES DIVISION

Remaining Work

| | Activity Name | At Completion Duration | Start | Finish | 2013 2014 2015 2016 2017 2018 Q1 Q2 Q3 Q4 Q1 Q2 |
|----------------------|---|---------------------------|----------------------------|----------------------------|---|
| 1096 | Final TDEC Review and Approval | 34 | 09-Jun-15 A | 13-Jul-15 A | Enal TDEC Review and Approval |
| 100 | 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 | Submit Copy of Approved Deliverable in the PDR (within 7 days following Receipt of |
| use | I SSES and Rehab - Chattanooga Creek 4 | 2784 | 12-Dec-12 A | 27-Jul-20 A | cused SSES and Rehab - Chattariooga Creek 4 |
| | Decree Duration (87 Months) | 2651 | 24-Apr-13 A | 27-Jul-20 A | Consent Decree Duration (87 Months) |
| 1110 | Consent Decree Duration | | 24-Apr-13 A | | Consent Decree Duration |
| 1120 | Consent Decree Duration Completion Milestone | 0 | | 27-Jul-20 A | |
| viact P | ocurement | 128 | 12-Dec-12A | 18-Apr-13 A | roject Procurement |
| | CD Prequalification Procurement (FY 2012 - 2013) Priority II - Development and Issuance of RFP | | | | D Prequalification Procurement (FY 2012 - 2013) Priority II - Development and Issuance of RFP |
| 3020 | Consultant develops and Submit Scope and Cost proposal | 14 | 16-Feb-13 A | 01-Mar-13 A | Consultant develops and Submit Scope and Cost proposal |
| 3030 | PMO Reviews/ Negotiates and Approve Proposal / Agreement | 14 | 02-Mar-13 A | 15-Mar-13 A | MO Reviews/ Negotiates and Approve Proposal/ Agreement |
| 3040 | PMO Approved Agreement to Council for Approval | 7 | 16-Mar-13 A | 22-Mar-13 A | PMO Approved Agreement to Council for Approval |
| 3050 | Consultant Signed Agreement to City for Execution | 27 | 23-Mar-13 A | 18-Apr-13 A | Consultant Signed Agreement to City for Execution |
| | | 359 | 20 Apr 13 A | 22-Apr-14 A | Planning Phase |
| nning 1010 | Planning Phase | | | 22-Apr-14 A | |
| 1130 | SRF Facility Plan Approval | 180 | 24-Oct-13 A | 22-Apr-14 A | SRE Facility Plan Approval |
| | • | | | | |
| | ng Phase Engineering | 728 627 | 11-Jul-14 A 11-Jul-14 A | 08-Jul-16 A 28-Mar-16 A | Engineering Phase Engineering |
| | | | | | |
| 1030 | SRF Approval of Contract Documents | 101 | 29-Mar-16 A | 08-Jul-16 A | SRE Approval of Contract Doduments |
| | ion Bidding Phase | <mark>198</mark> 198 | | 23-Jan-17 A | |
| 2000 | Construction Bidding Phase | 190 | 09-JUI-16 A | 23-Jan-17 A | |
| 2010 | SRF Adminstration Period | 31 | 01-Nov-16 A | 02-Dec-16 A | . Ser Administration Period |
| nstruc | ion Phase | 372 | 02-Mar-17 A | 09-Mar-18 A | |
| 3000 | Construction Phase | 372 | 02-Mar-17 A | 09-Mar-18 A | Construction Phase |
| | DEC Approvals | | | 31-Jul-18 A | |
| 1070 | Notification of Completion to EPA, TDEC, TCWN | 0 | 31-Jul-18 A | 31-Jul-18 A | Notification |
| cuse | SSES and Rehab - Dobb's Branch 3 | 2784 | 12-Dec-12A | 27-Jul-20 A | pcused SSES and Rehab - Dobb's Branch 3 |
| | Decree Duration (87 Months) | | 24-Apr-13 A | | Consent Decree Duration (87 Months) |
| 1040 | Consent Decree Duration | 2651 | 24-Apr-13 A | 27-Jul-20 A | Consent Decree Duration |
| 1050 | Consent Decree Duration Completion Milestone | 0 | | 27-Jul-20 A | |
| ject P | ocurement | 127 | 12-Dec-12 A | 18-Apr-13 A | <u>ojectP</u> rocurement |
| 1090 | CD Prequalification Procurement (FY 2012 - 2013) Priority II - Development and Issuance of RFP | 66 | 12-Dec-12 A | 15-Feb-13 A | D Prequalification Procurement (FY:2012 - 2013) Priority II - Development and Issuance of RFP |
| 1100 | Consultant develops and Submit Scope and Cost proposal | 14 | 16-Feb-13 A | 01-Mar-13 A | Consultant develops and Submit Scope and Cost proposal |
| 1110 | PMO Reviews/ Negotiates and Approve Proposal / Agreement | 13 | 02-Mar-13 A | 15-Mar-13 A | PMO Reviews/ Negotiates and Approve Proposal/ Agreement |
| 1120 | PMO Approved Agreement to Council for Approval | 6 | 16-Mar-13 A | 22-Mar-13 A | MO Approved Agreement to Council for Approval |
| 1130 | Consultant Signed Agreement to City for Execution | 26 | 23-Mar-13 A | 18-Apr-13 A | Consultant Signed Agreement to City for Execution |
| nning | Phase | 564 | 19-Apr-13 A | 04-Nov-14 A | |
| 1000 | Planning Phase | 564 | 19-Apr-13 A | 04-Nov-14 A | Planhing Phase |
| 1060 | SRF Facility Plan Approval | 186 | 24-Oct-13 A | 28-Apr-14 A | SRE Facility Plan Approval |
| gineer | ng Phase | 357 | 05-Nov-14 A | 28-Oct-15 A | |
| 1010 | Engineering | 357 | 05-Nov-14 A | 28-Oct-15 A | Endineering |
| (1020 | SRF Approval of Contract Documents | 20 | 08-Oct-15 A | 28-Oct-15 A | SRF Approval of Contract Documents |
| | | | | | |

| 2019 - 2023 - 20 | | | | | | | | | | | | | | | | | Pa | ge 6 | 6 of | 45 |
|--|-----|--------|------------------|-------|--------------------------------------|---|---------------------------------|-------|------|--------|-----|-----|-------|----------|----|----|------|-----------------------|------|----|
| Increals Increase Increase Duration Completion Milestone | _ | | 04 | 01 | | | 04 | 01 | | | 04 | | 01 | | | 04 | 01 | | | Q4 |
| rovals Jecion to: EPA, TDEC: TCWN | 1 | 40 | 4 | Set 1 | QZ | 40 | 4 | SKI | 42 | 40 | 4 | | SC I | 44 | 40 | 4 | SK I | 44 | 40 | 4 |
| novals Jedion to: EPA, TDEC; TCW/N | ۱b | / EPA |) | | - | | - - - - | | | | | | | | | | | | | |
| novals Jedion to: EPA, TDEC; TCW/N | | | | | | | | | | | | | | | | | | | | |
| novals Jedion to: EPA, TDEC; TCW/N | | | : : : : | | 1 1 1 1 | | | | | | | | | | | | | 2 2 2 2 | | |
| novals Jedion to: EPA, TDEC; TCW/N | _ | | | | 1 | | 1 | | | | | | | | | | | | | |
| novals Jedion to: EPA, TDEC; TCW/N | | | | | | | | | | | | | | | | | | | | |
| Deltion to: EPA, TDEC, TCWN | | | | | | Con | sent D | ecree | Dura | tion C | omp | let | ion M | ilestor | ne | | | | | |
| Deltion to: EPA, TDEC, TCWN | | | | | | • | | | | | | | | | | | | | | |
| Deltion to: EPA, TDEC, TCWN | | | | | 1 1 1 1 1 1 | | 1 1 1 1 1 | | | | | | | | | | | : : : : | | |
| Deltion to: EPA, TDEC, TCWN | | | | | | | | | | | | | | | | | | | | |
| Deltion to: EPA, TDEC, TCWN | | | | | 1 1 1 1 1 1 | | | | | | | | | | | | | : : : : | | |
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| letion to: EPA, TDEC, TCWN | | | | | - | | | | | | | | | | | | | | | |
| letion to: EPA, TDEC, TCWN | | | | | | | | | | | | | | | | | | | | |
| letion to: EPA, TDEC, TCWN | | | | | | | | | | | | | | | | | | | | |
| letion to: EPA, TDEC, TCWN | | | | | | | | | | | | | | | | | | | | |
| letion to: EPA, TDEC, TCWN | | | | | | | | | | | | | | | | | | | | |
| letion to: EPA, TDEC, TCWN | | | | | | | | | | | | | | | | | | | | |
| letion to: EPA, TDEC, TCWN | | | | | 8 | 8 | 8 | | | | | | | | | | | | | |
| letion to: EPA, TDEC, TCWN | | | | | 2 8 8 8 8 8 8 | 1 | 1 | | | | | | | | | | | | | |
| letion to: EPA, TDEC, TCWN | | | | | | | | | | | | | | | | | | | | |
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| | let | ion to | EPA, | TDEC | TCW | N | | | | | | | | | | | | | | |
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| Consent Decree Duration Completion Milestone | - | | : | | 1 | | 8 8 8 8 | | | | | | | | | | | | | |
| Consent Decree Duration Completion Milestone | | | | | | | | | | | | | | | | | | | | |
| | | | | | 5 5 5 5 5 | Con ♦ | isent D | ecree | Dura | tion C | omp | let | ion M | lilestor | he | | | | | |
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| | SCHEDULE UPDATE | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|--|---------------------------|-------------|----------------------------|-----------|--------------------------|-------------|-------------------|-----------------|------------------|-------------|------------------|------------------|-----------------|---------------|---------------|-----------------------|---------------|----------------|----------------|----------------|----------|--------------|--------------|
| | Activity Name | At Completion Duration | Start | Finish | 01 0 | 2013 2 03 0 | 04 01 | 2014 Q2 Q3 | 04 01 | 2015 Q2 Q3 Q4 | 4 01 0 | 2016 Q2 Q3 Q4 | 4 01 0 | 2017 2 03 04 | | 2018 03 04 | 201 | | 2020 1 02 0 | 3 04 0 | 2021 1 Q2 0 | 03 04 | 2 Q1 Q2 | 2022 2 Q3 |
| | tion Bidding Phase | | | 14-Mar-16 A | | | | <u>u</u> <u>u</u> | <u>.</u> | ₽ ₽ | onstruction | n Bidding Phas | se | | <u>.</u> | 40 Q. | <u>u</u> . <u>u</u> _ | | | | | | u. u. | |
| 1070 | Construction Bidding Phase | 118 | 29-Oct-15 A | 23-Feb-16 A | | | | | | | onstruction | n Bidding Phas | se | | | | | | | | | | | |
| (2000 | SRF Adminstration Period | 20 | 24-Feb-16 A | 14-Mar-16 A | | | | | | | SRF | Adminstration | Period | | | | | | | | | | | |
| onstruc | tion Phase | 897 | 15-Feb-16 A | 31-Jul-18 A | | | | | | | | struction Phase | | | | | | | | | | | | |
| K1080 | Construction Phase | 897 | 15-Feb-16 A | 31-Jul-18 A | | | | | | | Cons | struction Phase | e | | | | | | | | | | | |
| PA and | DEC Approvals | 0 | 31-Jul-18 A | 31-Jul-18 A | | | | | | | | | | | | • | TDEC Approv | | | | | | | |
| K1030 | Notification of Completion to EPA, TDEC, TCWN | 0 | 31-Jul-18 A | 31-Jul-18 A | | | | | | | | | | | | Notificatio | on of Completi | on to EPA, TD | EC, TCWN | | | | | |
| ocuse | I SSES and Rehab - South Chick Creek 1 | 2788 | 12-Dec-12 A | 31-Jul-20 A | pcused s | SSÉS and R | Rehab - Sou | uth Chick C | reek 1 | | | | | | 1 | | | | | | | | | |
| onsent | Decree Duration (87 Months) | 2651 | 24-Apr-13 A | 27-Jul-20 A | - | Consent Dec | cree Durati | ion (87 Mon | iths) | | | | | | | | | | | | | | | |
| | Consent Decree Duration | 2651 | 24-Apr-13 A | 27-Jul-20 A | | Conisent Dec | cree Durati | ion | | | | | | | | | | | | | | | | |
| L1050 | Consent Decree Duration Completion Milestone | 0 | | 27-Jul-20 A | | | | | | | | | | | | | | | c | onsent Dec | ree Duratio | n Comple | tion Milesto | one |
| roject P | rocurement | 128 | 12-Dec-12.4 | 18-Apr-13 A | roject Pr | ocurement | | | | | | | | | | | | | • | | | | | |
| | CD Prequalification Procurement (FY 2012 - 2013) Priority II - Development and Issuance of RFP | | | 15-Feb-13 A | | | rocurement | t (FY 2012 | - 2013) Priari | ty II - Developr | ment and Is | ssuance of RF | P | | | | | | | | | | | |
| DL1100 | Consultant develops and Submit Scope and Cost proposal | 14 | 16-Feb-13 A | 01-Mar-13 A | Cons | ultant devek | ops and Su | ubmit Scope | e and Cost pr | oposal | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| ∟1110 | PMO Reviews/ Negotiates and Approve Proposal / Agreement | 14 | 02-Mar-13 A | 15-Mar-13 A | | riteviews/ N | vegouates | anu Approv | /e Proposal / / | ngræment | | | | | | | | | | | | | | |
| L1120 | PMO Approved Agreement to Council for Approval | 7 | 16-Mar-13 A | 22-Mar-13 A | PM | O Approved | Agreemen | nt to Counci | i for Approval | | | | | | | | | | | | | | | |
| OL1130 | Consultant Signed Agreement to City for Execution | 27 | 23-Mar-13 A | 18-Apr-13 A | Co | nsultant Sigr | ned Agreer | ment to City | for Execution | ı | | | | | | | | | | | | | | |
| anning | Phase | 828 | 26-Jun-13 A | 01-Oct-15 A | | Planning | Phase | | | | | | | | | | | | | | | | | |
| | Planning Phase | | | 01-Oct-15 A | | Planning | Phase | | | | | | | | | | | | | | | | | |
| naineer | ng Phase | 841 | 11-Feb-15 A | 01-Jun-17 A | | | | | | neering Phase | | | | - | | | | | | | | | | |
| | Engineering | 665 | 11-Feb-15 A | 07-Dec-16 A | | | | | Engi | neering | | | | | | | | | | | | | | |
| L1020 | SRF Approval of Contract Documents | 175 | 08-Dec-16A | 01-Jun-17 A | | | | | | | | | SREAppro | val of Contra | ct Documen | ts | | | | | | | | |
| onotruo | ion Didding Dhoos | 100 | 20 Dec 16 A | 07-Jul-17A | | | | | | | | | Construct | tion Bidding F | hase | | | | | | | | | |
| | tion Bidding Phase Construction Bidding Phase | | | 28-Jun-17 A | | | | | | | | | | tion Bidding F | | | | | | | | | | |
| L1075 | SRF Adminstration Period | 8 | 29-Jun-17 A | 07-Jul-17 A | | | | | | | | | | SRF Admi | nstration Per | iod | | | | | | | | |
| | | | | | | | | | | | | | | Construct | on Phase | | | | | | | | | |
| | tion Phase Construction Phase | | | 26-Jul-18 A 26-Jul-18 A | | | | | | | | | | | on Phase | | | | | | | | | |
| | | | 21 101 20 4 | 31-Jul-20 A | | | | | | | | | | | | | | | F | PA and TDE | C Annrova | k | | |
| | TDEC Approvals Notification of Completion to EPA, TDEC, TCWN | | | 31-Jul-20 A | | | | | | | | | 2 2 2 2 | | | | | | | otification of | | | TDEC, TCV | WN |
| | 1.00EC and Dakab - Cauth Chick Creak 5 | 2788 | 12-Dec-12A | 31-Jul-20 A | pcused \$ | SSÉS and R | Rehab - Sou | uth Chick C | reek 5 | | | | | | | | | | _ | | | | | |
| | I SSES and Rehab - South Chick Creek 5 | | | | | Consent Dec | | | | | | | | | | | | | | | | | | |
| | Decree Duration (87 Months) Consent Decree Duration | | | 27-Jul-20 A 27-Jul-20 A | | Consent Dec | | · · · | | | | | | | | | | | | | | | | |
| | Consent Decree Duration Completion Milestone | | | 27-Jul-20 A | | | | | | | | | | | | | | | | | | | | |
| 1000 | Consert Decree Duration Completion Milestone | 0 | | | | | | | | | | | | | | | | | C ◆ | onsent Dec | ree Duratio | n Comple | tion Milesto | one |
| | rocurement CD Prequalification Procurement (FY 2012 - 2013) Priority II - Development and Issuance of RFP | | 12-Dec-12A | 18-Apr-13 A 15-Feb-13 A | | | rocurement | t (FY 2012 | - 2013) Priari | ty II - Developr | ment and Is | ssuance of RF | P | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| M1100 | Consultant develops and Submit Scope and Cost proposal | 14 | 16-Feb-13 A | 01-Mar-13 A | | | | | e and Cost pr | | | | | | | | | | | | | | | |
| M1110 | PMO Reviews/ Negotiates and Approve Proposal / Agreement | 14 | 02-Mar-13 A | 15-Mar-13 A | PMC | Réviews/N | Negotiates | and Approv | /e Proposal // | Agreement | | | | | | | | | | | | | | |
| M1120 | PMO Approved Agreement to Council for Approval | 7 | 16-Mar-13 A | 22-Mar-13 A | PM | O Approved | Agreemen | nt to Counci | l for Approval | | | | | | | | | | | | | | | |
| M1130 | Consultant Signed Agreement to City for Execution | 27 | 23-Mar-13 A | 18-Apr-13 A | Co | nsultant Sior | nedAgreer | ment to Citv | for Execution | 1 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| anning A1000 | Phase Planning Phase | | | 13-Feb-15 A | | Planning P Planning P | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | SRF Facility Plan Approval | 186 | 24-Oct-13 A | 28-Apr-14 A | | S | RHFacility | Plan Appro | oval | | | | | | | | | | | | | | | |

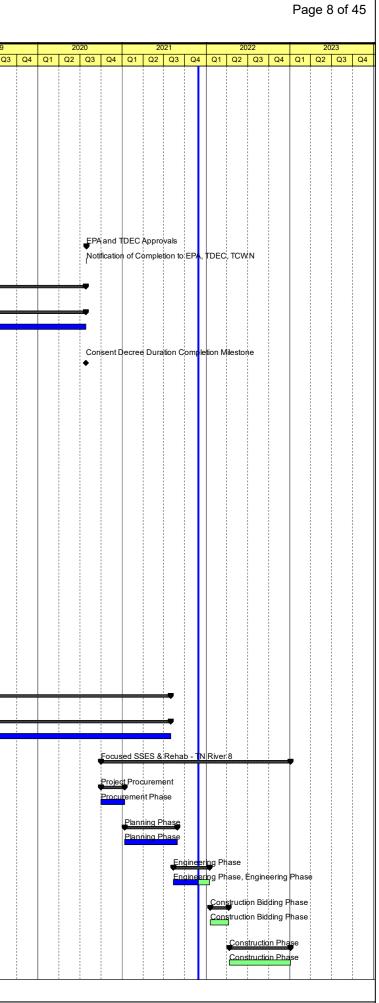
| Activity ID | Activity Name | At Completion | Start | Finish | | 201 | | | | 2014 | | | 2015 | | | 2016 | | | 201 | | | | 018 | | 2019 |
|-------------|--|---------------|----------------------------|-------------|----------|--------|---------|----------|----------|-----------|--------------|-----|----------|-------|-----------------------|------|----------|---------|------------|-------------|-----------|----------|------|-------|--------|
| | | Duration | 40 5-1-45 4 | 40.5-1-47.4 | Q1 | Q2 | Q3 (| Q4 C | Q1 C | 22 Q: | 3 Q4 | Q1 | Q2 C | Q3 Q4 | Q1 | Q2 C | Q3 Q4 | Q1 | Q2 | Q3 (| Q4 Q1 | 1 Q2 | Q3 (| 24 Q' | 1 Q2 Q |
| | ing Phase Engineering | | 13-Feb-15 A 13-Feb-15 A | | | | | | | | | End | ineering | 1 | | | | +- | | | | | | | |
| | | 042 | 10100 107 | | | | | | | | | | | - | | | | | | | | | | | |
| OM1020 | SRF Approval of Contract Documents | 94 | 08-Nov-16 A | 10-Feb-17 A | | | | | | | | | | | | | S | REApp | rovalo | f Contra | act Docu | ıments | | | |
| Construct | tion Diddion Dhoos | 141 | 08-Nov-16A | 20 Mar 17 A | | | - | | | | | | | | | | C | onstruc | tion Bid | dding Ph | hase | | | | |
| | tion Bidding Phase Construction Bidding Phase | | 08-Nov-16 A | | | | | | | | | | | | | | | | 7 1 | dding Ph | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| OM1075 | SRF Adminstration Period | 13 | 16-Mar-17 A | 29-Mar-17 A | | | | | | | | | | | | | | ì | RFAd | minstra | ation Per | iod | | | |
| Construct | tion Disease | 510 | 26-Apr-17 A | 27 Son 18 A | | | | | | | | | | | | | | | Cons | structior | n Phase | | | | |
| | tion Phase Construction Phase | | 26-Apr-17 A | | | | | | | | | | | | | | | | | | n Phase | | | | |
| | | 010 | 2074 | 27 000 1071 | | | | | | - | | | | | | | | | | | | | | | |
| | TDEC Approvals | 0 | 31-Jul-20 A | 31-Jul-20 A | | | | | | | | | | | | | | | | | | | | | |
| OM1030 | Notification of Completion to EPA, TDEC, TCWN | 0 | 31-Jul-20 A | 31-Jul-20 A | | | | | | | | | | | | | | | | | | | | | |
| Footbook | d SSES and Rehab - South Chick Creek 16 | 3412 | 25-Mar-11 A | 27-Jul-20 A | Creek; | 16 | | | | | | | | | | | | | | | | | | | |
| Focuse | u SSES and Kenab - South Chick Creek 16 | | | | | - | | | 1 | | | | | | | | | | | | | | | | |
| | Decree Duration (87 Months) | 2651 | 24-Apr-13 A | 27-Jul-20 A | | | entDeo | | | | lonths) | | | | | - | | | | | | _ | | _ | |
| ON1040 | Consent Decree Duration | 2651 | 24-Apr-13 A | 27-Jul-20 A | | Cons | ent Dec | cree D | uration | n : : | | | _ | _ | | - | | | | | _ | <u> </u> | ÷ | _ | |
| ON1050 | Consent Decree Duration Completion Milestone | 0 | | 27-Jul-20 A | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | rocurement | 1 | 07-Sep-12 A | 07-Sep-12 A | 1.1.1 | remen | | | | | | | | | | | | | | | | | | | |
| ON1090 | Previously Procured Consent Decree Projects | 1 | 07-Sep-12 A | 07-Sep-12 A | sly Pro | ocured | Conse | nt Dec | ree Pr | rojects | | | | | | | | | | | | | | | |
| Planning | Dhasa | 797 | 25-Mar-11 A | 30-May-13 A | | _ | | | | - | | | | | | | | | | | | | | | |
| | Planning Phase | | | 30-May-13 A | | | | | | | | | | | | | | | | - | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| ON1060 | SRF Facility Plan Approval | 201 | 07-Sep-12 A | 26-Mar-13 A | cility P | lan Ap | proval | | | | | | | | | | | | | | | | | | |
| Engineer | ing Phase | 407 | 27-Mar-12 A | 06-Aug-13 A | | | _ | | | | | | | | | | | | | | | | | | |
| | Engineering | | | 29-Mar-13 A | | | • | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| ON1020 | SRF Approval of Contract Documents | 129 | 30-Mar-13 A | 06-Aug-13 A | | SRFÁ | proval | of Cor | ntract [| Docum | ents | | | | | | | | | | | | | | |
| Construe | tion Bidding Phase | 207 | 07-Aug-13 A | 02-Mar-14 A | | | Const | tructior | n_Biddi | ing Pha | se | | | | | | | | | | | | | | |
| | Construction Bidding Phase | | 07-Aug-13 A | | | | - | _ | | ing Pha | | | | | | | | | | | | | | | |
| | - | | | | | | | | | - | | | | | | | | | | | | | | | |
| ON1075 | SRF Adminstration Period | 74 | 18-Dec-13 A | 02-Mar-14 A | | | | \$R | EAdm | instratio | on Perio | bd | | | | | | | | | | | | | |
| Construc | tion Phase | 652 | 03-Mar-14 A | 15-Dec-15 A | | | | | Con | structio | : n Phase | e | | | | | | | | - | | | | | |
| | Construction Phase | | 03-Mar-14 A | | | | | | Con | structio | n Phase | e | | | | | | | | 1 | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | TDEC Approvals | | 30-Nov-15 A 30-Nov-15 A | | | | | | | | | | | | PA and Notificatio | | · · · · | | | C TCW | | | | | |
| ON 1030 | Notification of Completion to EPA, TDEC, TCWN | 15 | 30-NOV-15 A | 15-Dec-15 A | | | | | | | | | | • | | | inploadi | | ., 102 | 5, 1011 | | | | | |
| Implem | ent SSES Phase II Program | 1857 | 30-Jun-16 A | 31-Jul-21 A | | | | | | | | | | | | İm | plement | \$SES | Phase | II Progr | ram | | | | |
| | | | | | | | | | | | | | | | | Im | nlomont | | Dhood | ll Progr | rom | | | | |
| | It SSES Phase II Program Implement SSES Phase II Program | | 30-Jun-16 A 30-Jun-16 A | | | | | | | | | | | | | | | | | II Proar | | | | | |
| A1000 | | 1057 | 30-3011-10 A | 31-Jui-21 A | | | | | | | | | | | | | | | : : | : | _ | | - | | |
| Focuse | d SSES & Rehab - TN River 8 | 824 | 01-Oct-20 A | 02-Jan-23 | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | - | | | | | | | | | | | | | | | | | | |
| | rocurement Procurement Phase | | 01-Oct-20 A 01-Oct-20 A | | | | - | | | | | | | | | | | | | | | | | | |
| Allow | | 104 | 01-00-20 A | 13-341-217 | | | | | | | | | | | | | | | | 1 | | | | | |
| Planning | Phase | 229 | 13-Jan-21 A | 30-Aug-21 A | | | | | | | | | | | | | | | | | | | | | |
| A11890 | Planning Phase | 229 | 13-Jan-21 A | 30-Aug-21 A | | | | | | | | | | | | | | | | | | | | | |
| Engineer | ing Phase | 150 | 12-Aug-21 A | 17- Jan 22 | | | | | | | | | | | | | | | | - | | | | | |
| | ing Phase Engineering Phase | | 12-Aug-21 A | | | | - | | | | | | | | | | | | | - | | | | | |
| | | | | | | | | | | | | | | | | | | | | - | | | | | |
| | tion Bidding Phase | 81 | 18-Jan-22 | 08-Apr-22 | | | | | | | | | | | | | | | | - | | | | | |
| A11910 | Construction Bidding Phase | 81 | 18-Jan-22* | 08-Apr-22 | | | | | | | | | | | | | - | | | - | | | | | |
| Construe | tion Phase | 267 | 11-Apr-22 | 02-Jan-23 | | | | | | | | | | | | | - | | | - | | | | | |
| | Construction Phase | | 11-Apr-22* | 02-Jan-23 | | | | | | | | | | | | | - | | | - | | 1 | | | |
| | | | | | | | | | | | | | | | | | | | | 1 | | 1 | | | |
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Critical Remaining... Actual Level of Effort 🔶 Baseline Milestone

Summary

Actual Work

Remaining Work



| | At Completion Start Duration | Finish | Q1 Q2 Q3 Q4 Q1 Q2< |
|--|--|----------------------|--|
| cused SSES & Rehab - South Chick Crk 9 & Chatt Crk 6 | 785 31-Jan-22 2 | 5-Mar-24 | |
| anning Phase | 120 31-Jan-22 3 | 0-May-22 | 2 Planning Phase |
| 11180 Planning Phase | 120 31-Jan-22* 3 | 0-May-22 | |
| gineering Phase | 180 31-May-22 2 | 6-Nov-22 | 2 Engineering Phase |
| 11270 Engineering Phase | | 6-Nov-22 | |
| | 400 07 Nov 00 0 | 6-Mar-23 | 3 Construction E |
| Destruction Bidding Phase 11280 Construction Bidding Phase | | 6-Mar-23 | |
| | | | |
| Destruction Phase 11290 Construction Phase | | 5-Mar-24 5-Mar-24 | |
| | 505 27-Mai-25 2 | J-1VIA1-24 | |
| cused SSES & Rehab - Phase 2 (FY23) | 725 30-Jun-22 2 | 3-Jun-24 | 4 Focused SSES & Rehat |
| anning Phase | 120 30-Jun-22 2 | 7-Oct-22 | 2 Planning Phase |
| 11190 Planning Phase | | 7-Oct-22 | |
| alara dan Bhasa | 150 28-Oct-22 2 | 6-Mar-23 | 3 A A A A A A A A A A A A A A A A A A A |
| Ingineering Phase | | 6-Mar-23 | |
| | | | |
| Destruction Bidding Phase 11310 Construction Bidding Phase | | 4-Jun-23 4-Jun-23 | |
| | 50 21-Wal-23 2 | -Juli-∠J | |
| Instruction Phase | | 3-Jun-24 | |
| 1320 Construction Phase | 365 25-Jun-23 2 | 3-Jun-24 | |
| a 22 - Early Action Capital Improvement Projects | 4807 01-Apr-09 A 0 | 9-Jun-22 | |
| | 4807 01-Apr-09 A 0 | 9-Jun-22 | |
| O and Wet Weather Volume Reduction Projects | | 0 0011 22 | |
| Pont PS and Basin Improvements - Phase 1 | 2057 12-Dec-12 A 3 | 1-Jul-18 A | A UPOnt PS and Baisin Improvementsi- Phase 1 |
| onsent Decree Duration (60 Months) | 1826 24-Apr-13 A 24 | I-Apr-18 A | |
| V1040 Consent Decree Duration | 1826 24-Apr-13 A 24 | -Apr-18 A | A Consent Decree Duration |
| V1050 Consent Decree Duration Completion Milestone | 0 24 | -Apr-18 A | |
| | | | A Consent Decree Duration Completion Milestone |
| oject Procurement | 127 12-Dec-12A 18 | | A bectProcurement A D Prequalification Procurement (FY 2012 - 2013) Priority II - Development and Issuance of RFP |
| V1090 CD Prequalification Procurement (FY 2012 - 2013) Priority II - Development and Issuance of RFP | 66 12-Dec-12A 15 | -Feb-13 A | |
| V1100 Consultant develops and Submit Scope and Cost proposal | 13 16-Feb-13 A 01 | -Mar-13 A | A Consultant develops and Submit Scope and Cost proposal |
| V1110 PMO Reviews/ Negotiates and Approve Proposal / Agreement | 13 02-Mar-13 A 15 | -Mar-13 A | A PMO Reviews/ Negptiates and Approve Proposal/ Agreement |
| ····· | | | |
| V1120 PMO Approved Agreement to Council for Approval | 6 16-Mar-13 A 22 | -Mar-13 A | A PMO Approved Agreement to Council for Approval |
| V1130 Consultant Signed Agreement to City for Execution | 26 23-Mar-13 A 18 | 8-Apr-13 A | A Consultant Signed Agreement to City for Execution |
| | 705 40 5-1 40 4 40 | May 45 A | A Planning Phase |
| Anning Phase V1000 Planning Phase | 765 10-Feb-13 A 16 690 10-Feb-13 A 01 | | |
| | | | |
| N1060 SRF Facility Plan Approval | 74 02-Jan-15 A 16 | -Mar-15 A | A SRE Facility Plan Approval |
| gineering Phase | 609 02-Apr-14 A 02 | -Dec-15 A | A Engineering Phase |
| 1010 Engineering | 508 02-Apr-14 A 23 | -Aug-15 A | |
| V1020 SRF Approval of Contract Documents | 100 24-Aug-15 A 02 | -Dec-15 A | A SRFApproval of Contract Documents |
| | | | |
| nstruction Bidding Phase | 133 03-Dec-15A 14 | | |
| V1070 Construction Bidding Phase | 104 03-Dec-15A 15 | -war-16A | A Construction Bidding Phase |
| I1140 SRF Administration Period | 29 16-Mar-16 A 14 | -Apr-16 A | A SRF Administration Period |
| Instruction Phase | 715 15-Apr-16 A 31 | -Mar-18 A | A Construction Phase |
| I1080 Construction Phase | 715 15-Apr-16 A 31 | | |
| | | | |
| PA and TDEC Approvals | 0 31-Jul-18 A 3 | 1-Jul-18 A | A FPA and TDEC Approvals |

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Actual Work

Remaining Work

CITY OF CHATTANOOGA, TN WASTE RESOURCES DIVISION

| JAN 2022 | SCHEDULE UPDATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Pag | e 10 | of |
|--|--|---------------------------|-----------------------------------|----------------------------|---------|---|-------------|-----------------------|----------------|--------------|----------------------|-------------|--------------------------------------|-----------|------------|-------------|----------|-----------|------------|----------|---------|----------|----------|------------------|-------------|----------|---------|-----------|-----------|-----------|---------|------|------|----|
| tivity ID | Activity Name | At Completion Duration | Start | Finish | | 2013 | _ | | 014 | | 2015 | | | 016 | | 2017 | _ | | 2018 | | | 2019 | _ | | 2020 | | 202 | | | 202 | 2 | | 202 | 23 |
| AN1030 | Notification of Completion to EPA, TDEC, TCW N | | 31-Jul-18 A | 31-Jul-18 A | Q1 | Q2 Q3 | Q4 (| Q1 Q2 | Q3 Q4 | 4 Q1 | Q2 Q3 | Q4 (| Q1 Q2 | Q3 Q | 4 Q1 | Q2 Q | 3 Q4 | Q1 Q | | | | | | Q1 Q IDEC, TO | | Q4 Q1 | 1 Q2 | Q3 Q | 4 Q1 | Q2 | Q3 Q4 | 4 Q1 | Q2 | Q3 |
| DuPont | PS and Basin Improvements - Phase 2 | 3334 | 24-Apr-13 A | 09-Jun-22 | | DuPont P | S and Ba | asin Impro | ovements - | Phase 2 | 2 | | | | | | | | | | | | | | | | | | | | | | | |
| read and the second | | | | | | Consent | | Duration (| 60 Months) | , | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| | Decree Duration (60 Months) Consent Decree Duration | | | 24-Apr-18 A 24-Apr-18 A | L 23 | · · | · · | | | | | | 2 2 2 2 | | | | | | | | | | | | | | | | | | | | | |
| AO1050 | Consent Decree Duration Completion Milestone | 0 | | 24-Apr-18 A | | | | 8 | | | | | | | | | | | | | _ | | | | | | | | | | | | | |
| | | 0 | | | | | | | | | Drain at D | | | | | | | € | Consent | Decree | Duratio | n Comp | etion N | lilestone | | | | | | | | | | |
| | ocurement CD Prequalification Procurement (FY 2014 - 2015) - Development and Issuance of RFP | | | 23-Jun-15 A 01-May-15 A | | | | - | | | Project P CD Preq | | | ment (FY | 2014 - 2 | 2015) - De | evelopme | nt and Is | suance | ofRFP | | | | | | | | | | | | | | |
| | Consultant develops and Submit Scope and Cost proposal | 7 | 02 May 15 A | 09-May-15 A | - | 8 8 8 8 8 | | 8 8 8 8 8 | | | Corisulta | arit develo | ins and S | ubmit Sco | neand | Cost prop | nsal | | | | | | | | | | | | | | | | | |
| | | | | | | 5 5 5 5 | | 8 8 8 8 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AO1110 | PMO Reviews/ Negotiates and Approve Proposal / Agreement | 6 | 10-May-15 A | 16-May-15 A | | | | - | | | • | | | | | posal / Agr | eement | | | | | | | | | | | | | | | | | |
| AO1120 | PMO Approved Agreement to Council for Approval | 22 | 17-May-15 A | 08-Jun-15 A | | 8 8 8 8 8 | | 8 8 8 8 8 | | | PMO Ap | pproved A | greemen | t to Coun | cil for Ap | proval | | | | | | | | | | | | | | | | | | |
| AO1130 | Consultant Signed Agreement to City for Execution | 14 | 09-Jun-15 A | 23-Jun-15 A | | | | - | | | Consu | ultant Sign | ed Agree | ment to C | ity for E | xecution | | | | | | | | | | | | | | | | | | |
| Planning | Phase | 128 | 18-Dec-17 A | 25-Apr-18 A | | 8 | | 8 | | | | | 5 5 5 5 5 | | | | | lanning l | Phase | | | | | | | | | | | | | | | |
| · · · · · · · · · · · · · · · · · · · | Planning Phase | 128 | 18-Dec-17 A | 25-Apr-18 A | | | | | | | | | - | | | | P | lanning l | Phase | | | | | | | | | | | | | | | |
| Engineer | ng Phase | 949 | 05-Apr-18 A | 09-Nov-20 A | | 2 2 2 2 2 2 2 2 3 | | 8 8 8 8 | | | | | 2 7 8 8 8 8 8 | | | | | | , | ng Phase | | | | | | _ | | | | | 1 | | | |
| AO1010 | Engineering | 591 | 05-Apr-18 A | 17-Nov-19 A | | | | - | | | | | 5 5 5 5 5 5 | | | | | En | gineerir | | | | | | | | | | | | | | | |
| AO1020 | SRF Approval of Contract Documents | 409 | 27-Sep-19 A | 09-Nov-20 A | | | | 8 8 8 8 | | | | | 8 8 8 8 8 | | | | | | | | | | SREA | pproval | of Contract | t Docume | ents | | | | | | | |
| Construc | ion Bidding Phase | 483 | 18-Nov-19A | 15-Mar-21 A | | | | - | | | | | | | | | | | | | | | Co | nstructio | n Bidding F | Phase | - | | | | | | | |
| | Construction Bidding Phase | 483 | 18-Nov-19 A | 15-Mar-21 A | | - | | 8 | | | | | | | | | | | | | | | Co | nstructio | n Bidding F | Phase | | | | | | | | |
| Construc | ion Phase | 452 | 15-Mar-21 A | 09-Jun-22 | | | | 8 8 8 8 | | | | | | | | | | | | | | | | | | | | uction Ph | | | | | | |
| AO1080 | Construction Phase | 452 | 15-Mar-21 A | 09-Jun-22 | | | | 1 1 1 | | | | | | | | | | | | | | | | | | | Constru | ction Ph | nase, Cor | nstructio | n Phase | • | | |
| College | ale PS Improvements | 2014 | 18-Oct-12 A | 24-Apr-18 A | gedale | PS Impro | vements | | | | | | | | _ | | : | | | | | | | | | | | | | | | | | |
| Consent | Decree Duration (60 Months) | 1826 | 24-Apr-13 A | 24-Apr-18 A | | | | | 60 Months) | | | | | | _ | | | | | | | | | | | | | | | | | | | |
| AC1040 | Consent Decree Duration | 1826 | 24-Apr-13 A | 24-Apr-18 A | | Conisent | Decree D | Duration | | | | | | | - | | | _ | | | | | | | | | | | | | | | | |
| AC1050 | Consent Decree Duration Completion Milestone | 0 | | 24-Apr-18 A | - | | | | | | | | | | | | | | | nt Decre | e Dura | tion Con | npletion | Milestone | e | | | | | | | | | |
| Project P | ocurement | | | 22-Jan-13 A | | | | 8 | | | | | | | | | | • | • | | | | | | | | | | | | | | | |
| AC1090 | CD Prequalification Procurement (FY 2012 - 2013) Priority I - Development and Issuance of RFP | 45 | 18-Oct-12 A | 01-Dec-12 A | requal | ification Pro | ocureme | ent (FY 20 |)12 - 2013) |) Priority 1 | l - Develop | omentand | l Issuance | of RFP | | | | | | | | | | | | | | | | | | | | |
| AC1100 | Consultant develops and Submit Scope and Cost proposal | 10 | 02-Dec-12 A | 11-Dec-12 A | onsulta | nt develop | s and S | ubmit Sco | ope and Co | ostpropo | sal | | 5 5 5 5 | | | | | | | | | | | | | | | | | | | | | |
| AC1110 | PMO Reviews/ Negotiates and Approve Proposal / Agreement | 10 | 12-Dec-12A | 21-Dec-12 A | MO Re | views/Ne | gotiates | and Appro | ove Propos | sal/Agre | ement | | | | | | | | | | | | | | | | | | | | | | | |
| AC1120 | PMO Approved Agreement to Council for Approval | 18 | 22-Dec-12 A | 08-Jan-13 A | MOA | proved A | greemen | t to Coun | içil for Appro | oval | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | 1 | | | | | 2 2 2 2 2 2 2 2 | | | | | | | | | | | | | | | | | | | | | |
| AC1130 | Consultant Signed Agreement to City for Execution | 14 | 09-Jan-13 A | 22-Jan-13 A | Consu | niani Signe | a Agree | | ily IOI EXec | culon | | | | | | | | | | | | | | | | | | | | | | | | |
| Planning | Phase Planning Phase | | 10-Feb-13 A 10-Feb-13 A | | | ning Phas | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AC1060 | SRF Facility Plan Approval | 509 | 24-Oct-13 A | 16-Mar-15 A | | - | SREE | | n Approval | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineer | | | | 30-Nov-16 A | | 8 8 8 8 8 | | | neering Pha | | | | | | • | | | | | | | | | | | | | | | | | | | |
| ACTUTU | Engineering | | | 30-Nov-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | DEC Approvals Notification of Completion to EPA, TDEC, TCWN | | | 30-Nov-16 A 30-Nov-16 A | | | | - | | | | | | | • I | nd TDECA | | o EPÁ, T | DEC, T | CWN | | | | | | | | | | | | | | |
| | | | | | h | - | | - | | | | | | | ' | | | | | | | | | | | | | | | | | | | |
| East Bra | inerd Collection Sys. and PS Rehab | 2776 | 26-Mar-11 A | 31-Oct-18 A | D | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Decree Duration (60 Months) Consent Decree Duration | | | 24-Apr-18 A 24-Apr-18 A | | Consent [| | ····· | 60 Months) |) | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 1820 | 24-Ahi-19 y | | | | | | | | | | | | | | | | | | | | | | | | | - | | | - | | | |
| OX1050 | Consent Decree Duration Completion Milestone | 0 | | 24-Apr-18 A | | | | 8 | | | | | | | | | | | Conse ♦ | nt Decre | e Dura | tion Con | npletion | Milestone | e | | | | | | 1 | | | |
| Project P | ocurement | 0 | 07-Sep-12 A | 07-Sep-12 A | Procur | ement | | | | | | | 8 | | | | | | | | | | | | | | | | | | | | | |
| | Summary Critical Remaining Actual Level of Effort Baseline Milestone Actual Work Remaining Work | | | CHAT | TAI | 000 | _ | CIT | NSE Y OF | СН | ATTA | ANOC | DGA | , TN | _ | АМ - | PH | ASE | ΞI | | | | | | | | | | | | | | | |

| Activity Name | At Completion Duration | | Finish | Q1 Q2 | Q3 Q4 | Q1 Q2 | Q3 Q4 | 4 Q1 Q | 2015 Q2 Q3 Q4 | 4 Q1 | 2016 Q2 Q3 | Q4 0 | | 17 Q3 Q4 | 2 Q1 Q2 | Q3 Q | 4 Q1 | Q2 Q3 | Q4 Q1 | Q2 Q3 | 3 Q4 | Q1 Q2 | Q3 C | 4 Q1 C | 2 Q3 (| 24 Q1 | Q2 |
|---|---------------------------|-------------|----------------------------|----------------|---------------|---------------------------------------|-------------|--------------------|---------------------------|-------------|---------------|-----------|---|-------------|------------|--------|----------------|---------------|------------|---------|------|-------|------|--------|--------|-------|----|
| X1090 Previously Procured Consent Decree Projects | 0 | 07-Sep-12 A | 07-Sep-12 A | sly Procure | d Consent I | Decree Proj | ects | | | | | | | | | | | | | | | | | | | | |
| lanning Phase | 796 | 26-Mar-11 A | 30-May-13 A | | | | | | | | | | | | | | | | | | | | | | | | |
| X1000 Planning Phase | 796 | 26-Mar-11 A | 30-May-13 A | | | | | | | | | | | | | | | | | | | | | | | | |
| 0X1060 SRF Facility Plan Approval | 201 | 07-Sep-12 A | 26-Mar-13 A | cility Plan Ap | proval | | | | | | | | | | | | | | | | | | | | | | |
| ollection System | 333 | 07-Sep-12A | 06-Aug-13 A | n System | | | | | | | | | | | | | | | | | | | | | | | |
| X1015 Engineering - Collection System | 203 | 07-Sep-12 A | 29-Mar-13 A | ring - Colle | ction Syster | m | | | | | | | | | | | | | | | | | | | | | |
| 0X1100 SRF Approval of Contract Documents - Collction System | 129 | 30-Mar-13 A | 06-Aug-13 A | SREA | oproval of | Contract Do | ocuments - | Collction Sy | ystem | | | | | | | | | | | | | | | | | | |
| ump Station | 1115 | 10-Jan-12 A | 29-Jan-15 A | | | | | | | | | | | | | | | | | | | | | | | | |
| X1010 Engineering - Pump Station | 934 | 10-Jan-12 A | 01-Aug-14 A | tion | - | 1 | | | | | | | | | | | | | | | 8 | | | | | | |
| IX1020 SRF Approval of Contract Documents - Pump Station | 180 | 02-Aug-14 A | 29-Jan-15 A | | - | | SRF Ap | oproval of C | ontract Docu | uments - | Pump Statio | 'n | | | | | | | | | | | | | | | |
| | 207 | 07 Aug 12 A | 02 Mar 14 A | | Collection | n System | | | | | | | | | | | | | | | | | | | | | |
| ollection System IX1075 Construction Bidding Phase - Collection System | | | 02-Mar-14 A 17-Dec-13 A | | | | g Phase - C | Collection Sy | ystem | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| X2020 SRF Adminstration Period - Collection System | | | 02-Mar-14 A | | | Admin | stration Pe | | ction System | | | | | | | | | | | | | | | | | | |
| UMP Station IX1070 Construction Bidding Phase - Pump Station | | | 06-Aug-15 A 29-May-15 A | | | | | Constr | Station ruction Biddin | ng Phase | - Pump Sta | tion | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| X2000 SRF Adminstration Period - Pump Station | 68 | 30-May-15 A | 06-Aug-15 A | | 8 | | | | SREAdmin | Istration H | renoa - Pun | np Statio | | | | | | | | | | | | | | | |
| ollection System | | | 15-Dec-15 A | | | · · · · · · · · · · · · · · · · · · · | tion System | n ase - Collect | tion System | - | | | | | | | | | | | 8 | - | | | | | |
| X2030 Construction Phase - Collection System | 052 | 03-Wai-14 A | 15-Dec-15 A | | | | | | | | | | | | | | | | | | | | | | | | |
| ump Station | | 07-Aug-15 A | | | | | | | | Station | Dura | Chatian | | | | | | | | | | | | | | | |
| IX1080 Construction Phase - Pump Station | 1181 | 07-Aug-15 A | 31-Oct-18 A | | | | | | Consin | | lase - Pum | | | | | | | | | | | | | | | | |
| 9930 Construction Substantial Completion | 0 | | 03-Jun-18 A | | | | | | | | | | | | | | Construct ♦ | ion Substar | itial Comp | letion | | | | | | | |
| PA and TDEC Approvals | | 30-Jul-18 A | | | | | | | | | | | | | | | d TDEC A | | | | | | | | | | |
| IX1030 Notification of Completion to EPA, TDEC, TCWN | 0 | 30-Jul-18 A | 30-Jul-18 A | | | | | | | | | | | | | Nounca | | npletion to E | PA, IDEC | , ICWIN | | | | | | | |
| tamont Sewer Basin and PS Improvements | 1949 | 21-Dec-10 A | 24-Apr-16 A | | | | | | | | - | | | | | | | | | | | | | | | | |
| onsent Decree Duration (36 Months) | | | 24-Apr-16 A | | sent Decre | e Duration (| 36 Months | s) | | | - | | | | | | | | | | | | | | | | |
| W1040 Consent Decree Duration | 1096 | 24-Apr-13 A | 24-Apr-16 A | Con | sent Decre | | | | | | | | | | | | | | | | | | | | | | |
| W1050 Consent Decree Duration Completion Milestone | 0 | | 24-Apr-16 A | | | | | | | | Conser | t Decree | Duration | Completion | Milestone | | | | | | | | | | | | |
| roject Procurement | | 21-Dec-10 A | | | | | | | | | | | | | | | | | | | | | | | | | |
| W1090 Previously Procured Consent Decree Projects | 61 | 21-Dec-10 A | 21-Feb-11 A | | | | | | | | | | | | | | | | | | | | | | | | |
| lanning Phase | | 22-Feb-11 A | | | | | | | | | | | | | | | | | | | | | | | | | |
| W1000 Planning Phase | 190 | 22-Feb-11 A | 31-Aug-11 A | | | | | | | | | | | | | | | | | | | | | | | | |
| W1060 SRF Facility Plan Approval | 30 | 01-Sep-11 A | 01-Oct-11 A | | 8 | | | | | | | | | | | | | | | | | 8 | | | | | |
| ngineering Phase | 372 | 01-Sep-11 A | 07-Sep-12 A | | | | | | | | | | | | | | | | | | | | | | | | |
| W1010 Engineering - Pump Station | 372 | 01-Sep-11 A | 07-Sep-12 A | | | | | | | | | | | | | | | | | | | | | | | | |
| W1020 SRF Approval of Contract Documents | 0 | 07-Sep-12 A | 07-Sep-12 A | proval of Co | ntract Doc | uments | | | | | | | | | | | | | | | | | | | | | |
| V1200 Engineering - Collection System | 0 | 07-Sep-12 A | 07-Sep-12 A | ring - Colle | ction \$yster | m | | | | | | | | | | | | | | | | | | | | | |
| VV1210 SRF Approval of Contract Documents | 0 | 07-Sep-12 A | 07-Sep-12 A | proval of Co | ontract Doc | uments | | | | | | | | | | | | | | | | | | | | | |
| onstruction Bidding Phase | 80 | 07-Sep-12 A | 25-Nov-12 A | ction Biddin | g Phase | | | | | | | | | | | | | | | | | | | | | | |
| V1070 Construction Bidding Phase - Pump Station | | | 07-Sep-12 A | | | Pump \$tatio | n | | | | | | | | | | | | | | | | | | | | |
| V1220 SRF Adminstration Phase - Pump Station | 60 | 07-Sep-12 A | 05-Nov-12 A | minstration | Phase - Pu | mp Station | | | | | | | | | | | | | | | | | | | | | |
| W1230 Construction Bidding Phase - Collection System | 0 | 07-Sep-12 A | 07-Sep-12 A | ction Biddin | g Phase - (| Collection S | ystem | | | | | | | | | | | | | | | | | | | | |
| V1240 SRFAdministration Phase - Collection System | 80 | 07-Sep-12 A | 25-Nov-12 A | ministration | Phase - Co | ection Sys | tem | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Critical Remaining | g | | СНАТ | ΤΔΝ | 006 | | NSF | =NТ Г | | REE | PRC |)GF | ZΔM | - PH | ΔSF | I I | | | | | | | | | | | |
| Actual Level of Effort \blacklozenge Baseline Milestor | ne | | • · ·/~ · · | | | | | | | | | | ~ | | | • | | | | | | | | | | | |

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| JAN 20 | 22 SCHEDULE UPDATE | |
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| | Activity Name | At Completion Duration | Start | Finish | 2013 Q1 Q2 Q3 Q4 | | 014 Q3 Q4 | 4 Q1 | 2015 Q2 Q3 | Q4 Q1 | 2016 Q2 Q3 | Q4 | 201 Q1 Q2 | | 4 Q1 0 | 2018 Q2 Q3 C | 4 Q1 0 | 2019 Q2 Q3 Q | 4 Q1 | Q2 Q3 | Q4 Q1 | 1 Q2 | | 4 Q1 | Q2 Q3 | 3 Q4 C | ł |
|-----------|--|---------------------------|----------------------------|--------------|------------------------------|---------------|--------------|-----------|---------------------------|-----------|---------------|----------|--------------|-----------|------------|-----------------|--------|-----------------|------|-------|-------|------|-------|----------|-------|--------|---|
| uc | tion Phase | | | 04-Apr-14 A | nstruction Phase | | | | | | | | | | | | | | | | | | | | | | - |
| | Construction Phase - Collection System | 494 | 26-Nov-12 A | 04-Apr-14 A | nstruction Phase - Col | ection Syste | m | | | | | | | | | | | | | | | | | | | | |
| 1000 | Construction Disease During Of the | | 07 1 10 1 | 07 14 44 5 | Construction Phase - P | ump Station | | | | | | | | | | | | | | | | | | | | | |
| /1080 | Construction Phase - Pump Station | 444 | 07-Jan-13 A | 27-Mar-14 A | | | | | | | | | | | | | | | | | | | | | | | |
| A and 1 | TDEC Approvals | 0 | 30-Jul-14 A | 30-Jul-14 A | | | EPA and | | pprovals | | | | | | | | | | | | | | | | | | |
| | Notification of Completion to EPA, TDEC, TCW N | | 30-Jul-14 A | | | | • | | mpletion to I | EPA, TDEC | TCWN | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ineville | PS and Sewer Basin Improvements | 1881 | 01-Mar-11 A | 24-Apr-16 A | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | _Consent Decre | Duration (2 | 6 Montho | | | | | | | | | | | | | | | | | | | | |
| | Decree Duration (36 Months) | | 24-Apr-13 A | | Consent Decree | | | | | | - | | | | | | | | | | | | | | | | |
| OZ1040 | Consent Decree Duration | 1096 | 24-Apr-13 A | 24-Apr-16 A | | | | | | | | | | | | | | | | | | | | | | | |
| OZ1050 | Consent Decree Duration Completion Milestone | 0 | | 24-Apr-16 A | - | | | | | | Canaa | Door | Duration | Completie | n Mileston | | | | | | | | | | | | |
| | | | | | | | | | | | Conser | Decree | Duration | Completic | nivilesion | e | | | | | | | | | | | |
| Project P | rocurement | 1 | 01-Mar-11 A | 01-Mar-11 A | | | | | | | | | | | | | | | | | | | | | | | |
| OZ1090 | Previously Procured Consent Decree Projects | 1 | 01-Mar-11 A | 01-Mar-11 A | ts | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Planning | | | 11-Apr-11 A | | | | | | | | | | | | | | | | | | | | | | | | |
| OZ1000 | Planning Phase | 158 | 11-Apr-11 A | 16-Sep-11 A | | | | | | | | | | | | | | | | | | | | | | | |
| OZ1060 | SRF Facility Plan Approval | 31 | 16-Sep-11 A | 17-Oct-11 A | | | | | | | | | | | | | | | | | | | | | | | |
| 221000 | ,, , | 51 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineeri | ng Phase | 760 | 16-Sep-11 A | 15-Oct-13 A | | | | | | | | | | | | | | | | | | | | | | | |
| - | Engineering | 760 | 16-Sep-11 A | 15-Oct-13 A | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OZ1020 | SRF Approval of Contract Documents | 745 | 16-Sep-11 A | 30-Sep-13 A | ments | | | | | | | | | | | | | | | | | | | | | | |
| | | 100 | 17 0-1 12 4 | 02 Mar 11 A | Con | struction Bid | ding Phas | 90 | | | | | | | | | | | | | | | | | | | |
| | tion Bidding Phase Construction Bidding Phase | | 17-Oct-13 A | | Con | struction Bid | ding Phas | 50 50 | | | | | | | | | | | | | | | | | | | |
| 021070 | Construction Bidding Phase | 22 | 17-Oct-13 A | 00-INOV-13 A | | | | | | | | | | | | | | | | | | | | | | | |
| OZ1100 | SRF Adminstration Period | 113 | 09-Nov-13 A | 02-Mar-14 A | SR | E Adminstra | tion Period | d | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construc | tion Phase | 199 | 03-Mar-14 A | 18-Sep-14 A | | | ction Pha | | | | | | | | | | | | | | | | | | | | |
| OZ1080 | Construction Phase | 199 | 03-Mar-14 A | 18-Sep-14 A | | Constru | tction Pha | ase | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | CA | | | | | | | | | | | | | | | | | | |
| | IDEC Approvals | | 18-Sep-14 A | | | | | | C Approvals Completion | | EC TOWN | | | | | | | | | | | | | | | | |
| 021030 | Notification of Completion to EPA, TDEC, TCWN | 0 | 18-Sep-14 A | 18-Sep-14 A | | | | | Completion | | , ICVVN | 1 | | | | | | | | | | | | | | | |
| | rock Intercentor Behab | 2569 | 01-Apr-09 A | 24-Apr-16 A | | | | | | | | | | | | | | | | | | | | | | | |
| | reek Interceptor Rehab | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Consent I | Decree Duration (36 Months) | 1096 | 24-Apr-13 A | 24-Apr-16 A | Consent Decree | Duration (3 | 6 Months | s) | | | | | | | | | | | | | | | | | | | |
| | Consent Decree Duration | | 24-Apr-13 A | | Consent Decree | Duration | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OW1050 | Consent Decree Duration Completion Milestone | 0 | | 24-Apr-16 A | | | | | | | Consent | Decree [| Juration Co | ompletion | Milestone | | | | | | | | | | | | |
| Project P | recurement | 00 | 01-Apr-09 A | 29-Jun-00 A | | | | | | | • | | | | | | | | | | | | | | | | |
| | rocurement Project Procurement | | 01-Apr-09 A | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 50 | 5 ipi 0071 | 20 Jun 00 A | | | | | | | | | | | | | | | | | | | | | | | |
| Planning | Phase | 63 | 30-Jun-09 A | 01-Sep-09 A | | | | | | | | | | | | | | | | | | | | | | | |
| | Planning Phase | 63 | 30-Jun-09 A | 01-Sep-09 A | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | : | | |
| OW1060 | SRF Facility Plan Approval | 0 | 30-Jun-09 A | 30-Jun-09 A | | | | | | | | | | | | | | | | | | | | | | | |
| | Disas | | 04 54 60 5 | 04 6 | | | | | | | | | | | | | | | | | | | | | | | |
| | ng Phase | | 01-Jul-09 A | | | | | | | | | | | | | | | | | | | | | | | | |
| 0001010 | Engineering | 390 | 01-JUI-09A | 01-Aug-10 A | | | | | | | | | | | | | | | | | | | | | | | |
| OW1020 | SRF Approval of Contract Documents | 0 | 01-Jul-09 A | 01-Jul-09 A | | | | | | | | | | | | | | | | | | | | | | | |
| | •• | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | tion Bidding Phase | | | | on Bidding Phase | | | | | | | | | | | | | | | | | | | | | | |
| | Construction Bidding Phase | 31 | 01-Aug-12 A | 01-Sep-12 A | on Bidding Phase | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | 0 | Dharr | | | | | | | | | | | | | | | | | | | | | |
| | tion Phase | | 03-Jun-13 A | | Construction Construction | | | | | | | | | | | | | | | | | | | | | | |
| OW1080 | Construction Phase | 389 | 03-Jun-13 A | 27-Jun-14 A | Construction | rnase | | | | | | | | | | | | | | | | | | | | | |
| EDA and 3 | | | 30-Jul-14 A | 30- Jul-14 A | | | _EPA and | nd TDEC A | pprovals | | | | | | | | | | | | | | | | | | |
| | TDEC Approvals Notification of Completion to EPA, TDEC, TCWN | | 30-Jul-14 A 30-Jul-14 A | | | | | | mpletion to I | EPA. TDEC | TCWN | | | | | | | | | | | | | | | | |
| 500 1030 | | 0 | 50-Jui-14 M | 50-5ui-14 A | | | | | | , | | | | | | | | | | | | | | | | | |
| lighlan | d Park Sewer Rehab | 2057 | 12-Dec-12A | 31-Jul-18 A | ighland Park Sewer Re | hab | | | | | | | | | | | | | | | | | | | | | |
| | | | | | 1 1 1 | 1 | | | | | 1 | | | | | | | | 1 | : : : | | : : | . 1 / | 1 | | 1 | |

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Actual Level of Effort \blacklozenge \blacklozenge Baseline Milestone

Actual Work

Remaining Work

| Activity Name | At Completion Duration | Start Finish | 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 |
|---|---------------------------|--|--|
| onsent Decree Duration (60 Months) | 1826 24- | Apr-13 A 24-Apr-18 | A Consent Decree Duration (60 Months) |
| 01040 Consent Decree Duration | 1826 24- | Apr-13 A 24-Apr-18 | A Consent Decree Duration |
| 11050 Concept Decree Duration Completion Milestone | 0 | 24-Apr-18 | |
| D1050 Consent Decree Duration Completion Milestone | 0 | 24-Api-10 | Consent Decree Duration Completion Milestone |
| oject Procurement | | | A oject Procirement |
| CD Prequalification Procurement (FY 2012 - 2013) Priority II - Development and Issuar | ce of RFP 66 12- | Dec-12A 15-Feb-13 | A D Prequalification Procurement (FY 2012 - 2013) Priority II - Development and Issuance of RFP |
| D1100 Consultant develops and Submit Scope and Cost proposal | 14 16- | Feb-13 A 01-Mar-13 | A Consultant develops and Submit Scope and Cost proposal |
| | | | |
| AD1110 PMO Reviews/ Negotiates and Approve Proposal / Agreement | 14 02-1 | Mar-13 A 15-Mar-13 | A PMO Réviews/ Negptiates and Approve Proposal/ Agreement |
| AD1120 PMO Approved Agreement to Council for Approval | 7 16-1 | Mar-13 A 22-Mar-13 | A PMO Approved Agreement to Council for Approval |
| | | | |
| AD1130 Consultant Signed Agreement to City for Execution | 27 23-1 | Mar-13 A 18-Apr-13 | A Consultant Signed Agreement to City for Execution |
| lanning Phase | 721 19- | Apr-13 A 10-Apr-15 | A Planning Phase |
| AD1000 Planning Phase | | Apr-13 A 10-Apr-15 | |
| | | | A SRF Facility Plan Approval |
| AD1060 SRF Facility Plan Approval | 186 24- | Oct-13 A 28-Apr-14 | |
| ingineering Phase | 382 10- | Apr-15 A 26-Apr-16 | A Engineering Phase |
| AD1010 Engineering | 265 10- | Apr-15 A 30-Dec-15 | A |
| AD1020 SRF Approval of Contract Documents | 117 21 | Dec-15 A 26-Apr-16 | A SRF Approval of Contract Documents |
| | 117 31- | 20-10 A 20-Api-10 | |
| Construction Bidding Phase | 156 27- | Apr-16 A 30-Sep-16 | |
| AD1070 Construction Bidding Phase | 111 27- | Apr-16 A 16-Aug-16 | A Construction Bidding Phase |
| AD1140 SRF Administration Phase | 44 17- | Aug-16 A 30-Sep-16 | A SRF Administration Phase |
| | | 3 4 1 | |
| Construction Phase | | Sep-16 A 28-Nov-17 | |
| AD1080 Construction Phase | 424 30- | Sep-16 A 28-Nov-17 | |
| PA and TDEC Approvals | 0 31- | -Jul-18 A 31-Jul-18 | A FPA and TDEC Approvals |
| AD1030 Notification of Completion to EPA, TDEC, TCWN | 0 31- | -Jul-18 A 31-Jul-18 | A Notification of Completion to EPA, TDEC, TCW/N |
| and the Device Device Office | 1325 07. | Sep-12A 24-Apr-16 | A tArea Sewer Separation Study |
| remont Area Sewer Separation Study | 1020 011 | | |
| Consent Decree Duration (36 Months) | | Apr-13 A 24-Apr-16 | |
| OU1040 Consent Decree Duration | 1096 24- | Apr-13 A 24-Apr-16 | A Consent Decree Duration |
| OU1050 Consent Decree Duration Completion Milestone | 0 | 24-Apr-16 | A Consent Decree Duration Completion Milestone |
| | | | |
| Procurement DU 1090 Previously Procured Consent Decree Projects | | Sep-12 A 28-Feb-13 | A Procurement A N Procured Consent Decree Projects |
| Joi 1090 Freviously Frocured Consent Decree Frojects | 1/5 0/- | Sep-12 A 20-Feb-13 | |
| Planning Phase | 447 01- | Mar-13 A 22-May-14 | |
| DU1000 Planning Phase | 447 01- | Mar-13 A 22-May-14 | A Planning Phase |
| Project Completion Report | 67 23-1 | May-14 A 29-Jul-14 | A Project Completion Report |
| DI2190 Project Completion Report | | May-14 A 29-Jul-14 | |
| | | | EPA and TDEC Approval |
| PA and TDEC Approvals OU1030 Notification of Completion to EPA, TDEC, TCWN | | -Jul-14 A 30-Jul-14 -Jul-14 A 30-Jul-14 | |
| Notification of competion to EFA, TDEC, TOWN | 0 30- | -Jui-14 A 30-Jul-14 | |
| SIP PS, Force Main and Interceptor Upgrade | 2409 24- | Dec-10 A 31-Jul-17 | <mark>▞<mark>▎▕</mark>▕▕▕▕▕▕▕▕▕▕▕▕▕▕▕▕▕▕▕</mark> ▎▌ ▌▌▌▌▌▌▌▌▌▌▌▌▌▌▌ |
| | 1461 - 24 | Apr-13 A 24-Apr-17 | Consent Decree Duration (36 Months) |
| Consent Decree Duration (36 Months) DT1040 Consent Decree Duration | | Apr-13 A 24-Apr-17 Apr-13 A 24-Apr-17 | |
| | | | |
| OT1050 Consent Decree Duration Completion Milestone | 0 | 24-Apr-17 | A Consent Decree Duration Completion Milestone |
| roject Procurement | 61 24- | Dec-10 A 24-Feb-11 | |
| DT1090 Previously Procured Consent Decree Projects | | Dec-10A 24-Feb-11 | |
| | | | |
| Vlanning Phase DT1060 SRF Facility Plan Approval | | Feb-11 A 07-Apr-11 Feb-11 A 07-Apr-11 | |
| οι τουο στι τα αιπγετατηγριοναι | 42 25- | UI-Api-11 | YN |

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Critical Remaining...

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

Remaining Work

Actual Work

| Activity Name | At Completion Duration | Start | Finish | 2013 Q1 Q2 Q3 | Q4 Q1 Q | 2014 2 Q3 Q4 | Q1 Q2 | | 2016 Q2 Q3 | Q4 Q1 | 2017 Q2 Q3 | Q4 Q1 | 2018 Q2 Q3 | | 2019 2 Q3 0 | Q4 Q1 | 2020 Q2 Q3 | Q4 Q1 | 2021 Q2 Q3 | Q4 Q1 (| 2022 Q2 Q3 Q4 | Q1 Q2 | 202 |
|---|---------------------------|--------------------------|-------------|---------------------|----------------|-----------------|--------------------|-----------------|-----------------|-----------|---------------|----------------|----------------|---------------|----------------|--------------|-----------------------|-------|---------------|---------|------------------|-------|-----|
| DT1000 Planning Phase | 27 11- | Mar-11 A (| 07-Apr-11 A | | | | | | | | | | | | | | | | | | | | - |
| ngineering Phase | | Apr-11 A 2 | | | | | | | | | | | | | | | | | | | | | |
| VT1010 Engineering | 929 08- | Apr-11 A 2 | 23-Oct-13 A | | | | | | | | | | | | | | | | | | | | |
| DT1020 SRF Approval of Contract Documents | 91 24- | Oct-13 A 2 | 23-Jan-14 A | | SREApprova | l of Contract D | ocuments | | | | | | | | | | | | | | | | |
| onstruction Bidding Phase | 90 30- | Jan-14 A | 29-Apr-14 A | | | uction Bidding | | | | | | | | | | | - | | | | | | |
| OT1070 Construction Bidding Phase | 88 30- | Jan-14 A | 28-Apr-14 A | | Constr | uction Bidding | Phase | | | | | | | | | | | | | | | | |
| DT1100 SRF Adminstration Period | 36 25- | Mar-14 A | 29-Apr-14 A | | | Adminstratior | n Period | | | | | | | | | | 8 | | | | | | |
| onstruction Phase | 1030 09- | Jun-14 A (| 04-Apr-17 A | | | Construction | Phase | | | | | | | | | | - | | | | | | |
| 0T1080 Construction Phase | 1030 09- | Jun-14 A (| 04-Apr-17 A | | | Construction | Phase | | | | | | | | | | - | | | | | | |
| PA and TDEC Approvals | 0 31- | Jul-17 A | 31-Jul-17 A | | | | | | | | | and TDEC A | | | | | - | | | | | | |
| 0T1030 Notification of Completion to EPA, TDEC, TCWN | 0 31- | Jul-17 A | 31-Jul-17 A | | 1 | | | | | | Notifi | ication of Cor | npletion to E | EPA, TDEC, TO | CWN | | - | | | | | | |
| rchard Knob PS Improvements | 2309 18- | Oct-12 A | 13-Feb-19 A | ard Knob PS Impro | ovements | | | | - | | | | | | | | | | | | | | |
| onsent Decree Duration (60 Months) | 1826 24- | Apr-13 A | 24-Apr-18 A | | ecree Duratior | | | | | | | | , | | | | | | | | | | |
| G1040 Consent Decree Duration | 1826 24- | Apr-13 A | 24-Apr-18 A | Consent D | ecree Duration | | | | | | | | | | | | | | | | | | |
| G1050 Consent Decree Duration Completion Milestone | 0 | 2 | 24-Apr-18 A | | | | | | | | | | Consent | Decree Durati | ion Comple | tion Milesto | one | | | | | | |
| roject Procurement | | | | ct Procurement | | | | | | | | | • | | | | - | | | | | | |
| AG1090 CD Prequalification Procurement (FY 2012 - 2013) Priority I - Development and Issuance of RFP | 45 18- | Oct-12 A |)1-Dec-12 A | requalification Pro | curement (FY | 2012 - 2013) F | Priority I - Deve | elopment and Is | suance of RFF | | | | | | | | | | | | | | |
| AG1100 Consultant develops and Submit Scope and Cost proposal | 10 02- | Dec-12A 1 | 11-Dec-12 A | onsultant develops | and Submit S | cope and Cos | tproposal | | | | | | | | | | | | | | | | |
| AG1110 PMO Reviews/ Negotiates and Approve Proposal / Agreement | 10 12- | Dec-12A 2 | 21-Dec-12 A | MO Reviews/ Neg | otiates and Ap | prove Proposa | al / Agreement | nt | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| AG1120 PMO Approved Agreement to Council for Approval | | |)8-Jan-13 A | | | | | | | | | | | | | | - | | | | | | |
| AG1130 Consultant Signed Agreement to City for Execution | 14 09- | Jan-13 A 2 | 22-Jan-13 A | Consultant Signer | d Agreement to | City for Execu | ution | | | | | | | | | | | | | | | | |
| lanning Phase | | Apr-13 A 1 | | Planning P | | | | | | | | | | | | | | | | | | | |
| AG1000 Planning Phase | 239 17- | Apr-13 A 1 | 2-Dec-13 A | Planning Ph | hase | | | | | | | | | | | | | | | | | | |
| AG1060 SRF Facility Plan Approval | 31 13- | Dec-13A 1 | 13-Jan-14 A | | SRF Facili | ty Plan Approv | ral | | | | | | | | | | - | | | | | | |
| Engineering Phase | 636 14- | Jan-14 A | 12-Oct-15 A | | | ring Phase | | | | | | | | | | | | | | | | | |
| AG1010 Engineering | 582 14- | Jan-14 A 1 | 9-Aug-15 A | | Enginee | ring | | | | | | | | | | | 8 | | | | | | |
| AG1020 SRF Approval of Contract Documents | 53 20- | Aug-15 A | 12-Oct-15 A | | | | | SRF Approva | I of Contract D | ocuments | | | | | | | | | | | | | |
| Construction Bidding Phase | 149 21- | Oct-15 A 1 | 18-Mar-16 A | | | | | Construc | tion Bidding Ph | ase | | | | | | | - | | | | | | |
| AG1070 Construction Bidding Phase | 122 21- | Oct-15 A 1 | 19-Feb-16 A | | | | | Construc | tion Bidding Ph | lase | | | | | | | - | | | | | | |
| AG1140 SRFAdministration Phase | 27 20- | Feb-16 A 1 | 18-Mar-16 A | | | | | S | RFAdministrat | ion Phase | | | | | | | | | | | | | |
| onstruction Phase | 1061 19- | Mar-16 A 1 | 13-Feb-19 A | | | | | | Construction F | Phase | | | | | | | | | | | | | |
| AG1080 Construction Phase | | Mar-16 A 1 | | | | | | | Construction | Phase | | | | | | | | | | | | | |
| A9940 Construction Substantial Completion | 0 | 2 | 21-Jun-17 A | | | | | | | | | | | Constructio | on Substant | tial Comple | etion | | | | | | |
| PA and TDEC Approvale | 0 30 | Jul-18 A | 30-Jul-18 A | | | | | | | | | | _EPA a | and TDEC App | | | | | | | | | |
| AG1030 Notification of Completion to EPA, TDEC, TCW N | | Jul-18 A | | | | | | | | | | | | cation of Com | | PA, TDEC, | TCWN | | | | | | |
| riars Branch PS Improvements | 3338 12- | Dec-12 A | 31-Jan-22 | iars Branch PS Im | provements | | | | | | | | | | | | 8 8 8 8 | | | | | | |
| · | | | | | ecree Duratior | (60 Monthe) | | | | | | | | | | | | | | | | | |
| AF1040 Consent Decree Duration (60 Months) Consent Decree Duration | | Apr-13 A 2 Apr-13 A 2 | | | ecree Duration | | | | | | | | | | | | 8 | | | | | | |
| F1050 Consent Decree Duration Completion Milestone | 0 | | 24-Apr-18 A | | | | | | | | | | | | | | 8 | | | | | | |
| | - | | | | | | | | | | | | Consent I ♦ | Decree Durati | on Comple | tion Milesto | one | | | | | | |
| Frogen CD Prequalification Procurement (FY 2012 - 2013) Priority II - Development and Issuance of RFP | | | | oject Procuremen | | FY 2012 - 201 | 3) Priority II - I | Development ar | nd Issuance of | RFP | | | | | | | - | | | | | | |
| | | | | | | | | | | | | | | | | | 2 2 2 2 2 | | | | | | |
| AF1100 Consultant develops and Submit Scope and Cost proposal | 14 16- | ⊦eb-13 A (|)1-Mar-13 A | Consultant dev | elops and Sub | micocope and | oust proposa | a | | | | | | | | | - - | | | | | | |
| Summary Critical Remaining Actual Level of Effort Baseline Milestone Actual Work | | C | НАТ | TANOO | | | | ECREE TANOO | | | M - F | PHAS | EI | | | | | | | | | | - |

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| Activity Name | At Completion | Start | Finish | 2013 2014 2015 2016 2017 2018 2019 2020 202 | 21 2022 |
|--|---------------|-------------|-------------|--|---------|
| PMO Reviews/ Negotiates and Approve Proposal / Agreement | Duration | 02-Mar-13 A | 15 Mar 13 A | Q2 Q3 Q4 Q1 Q2 Q3< | |
| | | | | | |
| 120 PMO Approved Agreement to Council for Approval | 7 | 16-Mar-13 A | 22-Mar-13 A | MO Approved Agreement to Council for Approval | |
| 30 Consultant Signed Agreement to City for Execution | 27 | 23-Mar-13 A | 18-Apr-13 A | Consultant Signed Agreement to City for Execution | |
| ning Phase | 343 | 15-Apr-13 A | 24-Mar-14 A | Planning Phase | |
| 1000 Planning Phase | 343 | 15-Apr-13 A | 24-Mar-14 A | | |
| 1060 SRF Facility Plan Approval | 151 | 24-Oct-13 A | 24-Mar-14 A | SRE Facility Plan Approval | |
| ineering Phase | 674 | 25-Mar-14 A | 27-Jan-16 A | Engineering Phase | |
| 010 Engineering | 583 | 25-Mar-14 A | 29-Oct-15 A | | |
| 1020 SRF Approval of Contract Documents | 90 | 30-Oct-15 A | 27-Jan-16 A | SRE Approval of Contract Documents | |
| Istruction Bidding Phase | 316 | 28-Jan-16 A | 09-Dec-16 A | Construction Bidding Phase | |
| 1070 Construction Bidding Phase | 316 | 28-Jan-16 A | 09-Dec-16 A | Construction Bidding Phase | |
| 1140 SRF Administration Phase | 36 | 02-Nov-16 A | 08-Dec-16 A | SRF Administration Phase | |
| nstruction Phase | 1889 | 30-Nov-16 A | 31-Jan-22 | Construction Phase | |
| 1080 Construction - Final Completion | 1889 | 30-Nov-16 A | 31-Jan-22 | Construction - Final Completion - Final Completion | |
| 075 Construction - Substantial Completion | 902 | 09-Dec-16A | 30-May-19 A | Construction - Substantial Completion | |
| ars Branch Basin Improvements | 2159 | 12-Dec-12A | 10-Nov-18 A | ranch Basin Improvements | |
| nsent Decree Duration (60 Months) | 1826 | 24-Apr-13 A | 24-Apr-18 A | Consent Decree Duration (60 Months) | |
| Decree Duration (so works) 1040 Consent Decree Duration | | 24-Apr-13 A | | Consent Decree Duration | |
| 1050 Consent Decree Duration Completion Milestone | 0 | | 24-Apr-18 A | Consent Decree Duration Completion Milestone | |
| ct Procurement | 128 | 12-Dec-12A | 18-Apr-13 A | | |
| CD Prequalification Procurement (FY 2012 - 2013) Priority II - Development and Issuance of RFP | | | | qualification Procurement (FY:2012 - 2013) Priority II - Development and Issuance of RFP | |
| 100 Consultant develops and Submit Scope and Cost proposal | 14 | 16-Feb-13 A | 01-Mar-13 A | insultant develops and Submit Scope and Cost proposal | |
| 1110 PMO Reviews/ Negotiates and Approve Proposal / Agreement | | 02-Mar-13 A | | MO Reviews/ Negotiates and Approve Proposal/ Agreement | |
| | | | | | |
| 1120 PMO Approved Agreement to Council for Approval | 7 | 16-Mar-13 A | 22-Mar-13 A | MO Approved Agreement to Council for Approval | |
| 130 Consultant Signed Agreement to City for Execution | 27 | 23-Mar-13 A | 18-Apr-13 A | Consultant Signed Agreement to City for Execution | |
| ning Phase | | 29-Apr-13 A | | Planning Phase | |
| 000 Planning Phase | 457 | 29-Apr-13 A | 30-Jul-14 A | | |
| 060 SRF Facility Plan Approval | 186 | 24-Oct-13 A | 28-Apr-14 A | SRE Facility Plan Approval | |
| ineering Phase | | 12-May-14 A | | Engineering Phase | |
| 1010 Engineering | 956 | 12-May-14 A | 23-Dec-16 A | | |
| 020 SRF Approval of Contract Documents | 90 | 24-Dec-16 A | 24-Mar-17 A | SRE Approval of Contract Documents | |
| nstruction Bidding Phase | | 24-Dec-16 A | | Construction Bidding Phase | |
| 1070 Construction Bidding Phase | 124 | 24-Dec-16A | 27-Apr-17 A | Construction Bidding Phase | |
| 1140 SRF Administration Period | 20 | 14-Apr-17 A | 04-May-17 A | SRF Administration Period | |
| nstruction Phase | | 28-Apr-17 A | | Construction Phase | |
| 1080 Construction Phase | 561 | 28-Apr-17 A | 10-Nov-18 A | Construction Phase | |
| 950 Construction Substantial Completion | 0 | | 29-Jun-18 A | Construction Substantial Completion | |
| A and TDEC Approvals | 0 | 31-Jul-18 A | 31-Jul-18 A | EPA and TDEC Approvals | |
| 1030 Notification of Completion to EPA, TDEC, TCW N | 0 | 31-Jul-18 A | 31-Jul-18 A | Notification of Completion to EPA, TDEC, TCWN | |
| ttanooga Creek Interceptor Rehab | 1323 | 12-Dec-12 A | 27-Jul-16 A | hooga Creek Interceptor Rehab | |
| Isent Decree Duration (36 Months) | 1096 | 24-Apr-13 A | 24-Apr-16 A | Consent Decree Duration (36 Months) | |

Actual Level of Effort ♦ ♦ Baseline Milestone

Actual Work

Remaining Work

ctivity ID
 Q2
 Q3
 Q4
 Q1
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 Q3< Duratio AB1040 Consent Decree Duration 1096 24-Apr-13 A 24-Apr-16 A AB1050 Consent Decree Duration Completion Milestone 24-Apr-16 A 0 Consent Decree Duration Completion Milesto 128 12-Dec-12 A 18-Apr-13 A oject Procurement Project Procurement 66 12-Dec-12A 15-Feb-13A 2 Prequalification Procurement (FY 2012 - 2013) Priority II - Development and Issuance of RFP AB1090 CD Prequalification Procurement (FY 2012 - 2013) Priority II - Development and Issuance of RFP Consultant develops and Submit Scope and Cost proposal AB1100 Consultant develops and Submit Scope and Cost proposal 14 16-Feb-13 A 01-Mar-13 A PMO Reviews/ Negotiates and Approve Proposal / Agreemen AB1110 PMO Reviews/ Negotiates and Approve Proposal / Agreement 14 02-Mar-13 A 15-Mar-13 A PMO Approved Agreement to Council for Approval 7 16-Mar-13 A 22-Mar-13 A AB1120 PMO Approved Agreement to Council for Approval Consultant Signed Agreement to City for Execution AB1130 Consultant Signed Agreement to City for Execution 27 23-Mar-13 A 18-Apr-13 A Planning Pha 361 06-May-13 A 02-May-14 A Planning Phase Planning Phase AB1000 Planning Phase 361 06-May-13 A 02-May-14 A lan Approval AB1060 SRF Facility Plan Approval 186 24-Oct-13 A 28-Apr-14 A 270 05-May-14 A 30-Jan-15 A Inginee Engineering Phase Endineerina AB1010 Engineering 227 05-May-14 A 18-Dec-14 A SRF Approval of Contract Documents AB1020 SRF Approval of Contract Documents 42 19-Dec-14 A 30-Jan-15 A o<u>nstruc</u>țion Bidding F 129 02-Feb-15 A 11-Jun-15 A **Construction Bidding Phase** Construction Bidding Phase AB1070 Construction Bidding Phase 106 02-Feb-15 A 19-May-15 A SRF Adminstration Period AB1140 SRF Adminstration Period 22 20-May-15 A 11-Jun-15 A nstruction Phase 379 14-Jul-15 A 27-Jul-16 A Construction Phase nstruction Phase AB1080 Construction Phase 379 14-Jul-15 A 27-Jul-16 A EPA and TDEC Approvals EPA and TDEC Approvals 0 27-Jul-16A 27-Jul-16A Notification of Completion to EPA, TDEC, TCWN AB1030 Notification of Completion to EPA, TDEC, TCWN 0 27-Jul-16A 27-Jul-16A 1229 12-Dec-12 A 24-Apr-16 A ery Flats Intercep **Tannery Flats Interceptor Rehab** onsent Decree Duration (36 Months) 1096 24-Apr-13 A 24-Apr-16 A Consent Decree Duration (36 Months) Consent Decree Duration AA1040 Consent Decree Duration 1096 24-Apr-13 A 24-Apr-16 A AA1050 Consent Decree Duration Completion Milestone 0 24-Apr-16 A Consent Decree Duration Completion I roject Procurement 128 12-Dec-12A 18-Apr-13A Project Procurement 66 12-Dec-12A 15-Feb-13A Prequalification Procurement (FY 2012 - 2013) Priority II - Develop ent and Issuance of RFP AA1090 CD Prequalification Procurement (FY 2012 - 2013) Priority II - Development and Issuance of RFP Consultant develops and Submit Scope and Cost proposal AA1100 Consultant develops and Submit Scope and Cost proposal 14 16-Feb-13 A 01-Mar-13 A AA1110 PMO Reviews/ Negotiates and Approve Proposal / Agreement PMO Reviews/ Negotiates and Approve Proposal / Agreement 14 02-Mar-13 A 15-Mar-13 A PMO Approved Agreement to Council for Approva AA1120 PMO Approved Agreement to Council for Approval 7 16-Mar-13 A 22-Mar-13 A Consultant Signed Agreement to City for Execution AA1130 Consultant Signed Agreement to City for Execution 27 23-Mar-13 A 18-Apr-13 A lanning Phas 243 20-Apr-13 A 19-Dec-13 A Planning Phase Planhing Phase AA1000 Planning Phase 51 20-Apr-13 A 10-Jun-13 A SRF Facility AA1060 SRF Facility Plan Approval 191 11-Jun-13 A 19-Dec-13 A Appr 417 20-Dec-13A 10-Feb-15A ineering Phase Enaineerina AA1010 Engineering 381 20-Dec-13 A 05-Jan-15 A SRF Approval of Contract Documents AA1020 SRF Approval of Contract Documents 35 06-Jan-15 A 10-Feb-15 A struction Bidding Phase 125 19-Feb-15 A 24-Jun-15 A Construction Bidding Phase tion Bidding Phase AA1070 Construction Bidding Phase 109 19-Feb-15 A 08-Jun-15 A SRF Adminstration Period AA1140 SRF Adminstration Period 15 09-Jun-15 A 24-Jun-15 A 297 25-Jun-15 A 17-Apr-16 A onstruction Phase **Construction Phase** Summary Critical Remaining.. **CHATTANOOGA CONSENT DECREE PROGRAM - PHASE I** Actual Level of Effort **♦** ♦ Baseline Milestone **CITY OF CHATTANOOGA, TN** Actual Work

WASTE RESOURCES DIVISION

Remaining Work

JAN 2022 SCHEDULE UPDATE

| | | | | | | | | | | | | | | ' | ug | | , 01 | 10 |
|---------|------------------|----|---|---|--|----|----------|----------|---|---|----|----------|----------|----|----|----------|----------|----|
| 9 Q3 | Q4 | Q1 | 20 Q2 | 20 Q3 | Q4 | Q1 | 20 Q2 | 21 Q3 | Q4 | ł | Q1 | 20 Q2 | 22 Q3 | Q4 | Q1 | 20 Q2 | 23 Q3 | Q4 |
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| 2022 SCHEDULE UPDATE | | | | | | | | | | | | | | | | | | | | | | | Page | |
|--|---------------------------|--------------|----------------------------|-------------------|------------|------------------|-----------------|--------------------------|--------|-------------|-------------|------------|------------|----------------|------------|--------------|--------------|-------|-------|-------|---------|------|-------|------|
| Activity Name | At Completion Duration | Start | Finish | 2013 | | 2014 | | 2015 | 201 | | | 017 | | 2018 | | 2019 | 04 04 | 2020 | 01 01 | 2021 | 04 04 1 | 2022 | | 2023 |
| A1080 Construction Phase | | 25-Jun-15 A | 17-Apr-16 A | | | | | Q2 Q3 Q4 Construction | | Q3 Q4 | | | 4 Q1 | Q2 Q3 | Q4 Q1 0 | | Q4 Q1 | Q2 Q3 | Q4 Q1 | Q2 Q3 | Q4 Q1 | | 24 Q1 | Q2 (|
| PA and TDEC Approvals | 0 | 17-Apr-16 A | 17-Apr-16 A | | | | | | _EPA a | nd TDEC | pprovals | | | | | | | | | | | | | |
| A1030 Notification of Completion to EPA, TDEC, TCW N | | | 17-Apr-16 A | | | | | | | | mpletion to | EPA, TDE | c, tcw | | | | | | | | | | | |
| | | | | v Monitoring | | | | | | | | | | | | | | | | | | | | |
| B/WB Flow Monitoring | 1437 | 15-Jul-12 A | 21-Jun-16 A | | | | | | | | | | | | | | | | | | | | | |
| consent Decree Duration (36 Months) | | | 24-Apr-16 A | | | uration (36 Mo | | | | | | | | | | | | | | | | | | |
| AC1450 Consent Decree Duration | 1096 | 24-Apr-13 A | 24-Apr-16 A | Consent | Decree D | uration | | | _ | | | | | | | | | | | | | | | |
| AC1460 Consent Decree Duration Completion Milestone | 0 | | 24-Apr-16 A | | | | | | Cons | ent Decre | e Duration | Completior | n Mileston | | | | | | | | | | | |
| reject Producement | 45 | 15. Jul 12 A | 28-Aug-12 A | curement | | | | | • | | | | | | | | | | | | | | | |
| AC1470 PM Procurement | | | 28-Aug-12 A | 1 1 1 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| AC1530 SRF Facility Plan Approval | | | 15-Apr-13 A | Facility Plan App | roval | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| AC1520 Planning Phase | 177 | 20-Oct-12 A | 15-Apr-13 A | ung Phase | | | | | | | | | | | | | | | | | | | | |
| ngineering Phase | 574 | 16-Apr-13 A | 11-Nov-14 A | Engineeri | ng Phase | | | | | | | | | | | | | | | | | | | |
| C1540 Flow Monitoring by West Bank Flow Meter | 271 | 16-Apr-13 A | 11-Jan-14 A | Flow Mon | itoring by | West Bank Flo | w Meter | | | | | | | | | | | | | | | | | |
| C1550 SRF Approval of Contract Documents | 0 | 16-Apr-13 A | 16-Apr-13 A | SRFAppr | ovalofiCo | ntract Docum | ents | | | | | | | | | | | | | | | | | |
| | U | 13-Api-13 A | 10-Api-13 A | | | | | | | 8 | | | | | | | | | | | | | | |
| C1545 Flow Monitoring by New Outfall Flow Meter | 574 | 16-Apr-13 A | 11-Nov-14 A | Flow Mon | itoring by | New Outfall Flo | w Meter | | | | | | | | | | | | | | | | | |
| onstruction Bidding Phase | 0 | 11-Nov-14 A | 11-Nov-14 A | | | | Constructio | n Bidding Phase | | | | | | | | | | | | | | | | |
| C1560 Construction Bidding Phase | | | 11-Nov-14 A | | | | · · · | n Bidding Phase | | | | | | | | | | | | | | | | |
| AC1570 SRFAdminstration Period | 0.7 | 11 Nov 14 A | 11-Nov-14 A | _ | | | SRFAdmin | stration Period | | | | | | | | | | | | | | | | |
| | 0 | 11-NOV-14 A | 11-INOV-14 A | | | | | | | | | | | | | | | | | | | | | |
| Construction Phase | | | 24-Apr-16 A | | | onstruction Ph | | | | | | | | | | | | | | | | | | |
| AC1580 Construction Phase | 833 | 12-Jan-14 A | 24-Apr-16 A | | | onstruction Ph | ase | | | | | | | | | | | | | | | | | |
| roject Completion Report | 56 | 25-Apr-16 A | 20-Jun-16 A | | | | | | Proje | ct Comple | ion Report | | | | | | | | | | | | | |
| DI2440 Project Completion Report | 56 2 | 25-Apr-16 A | 20-Jun-16 A | | | | | | | ct Comple | ion Report | | | | | | | | | | | | | |
| PA and TDEC Approvals | 0 | 21-Jun-16 A | 21-Jun-16 A | | | | | | Ē | PA and TD | EC Approv | als | | | | | | | | | | | | |
| AC1590 Notification of Completion to EPA, TDEC, TCW N | 0 | 21-Jun-16 A | 21-Jun-16 A | | | | | | Ň | otification | f Completi | on to EPA, | TDEC, TO | WN | | | | | | | | | | |
| | 2305 | 01-Jan-12 A | 24-Apr-18 A | | | | | | | | | | | _ | | | | | | | | | | |
| BWWTP Projects | 2000 | | 247.01 | | | | | | | | | | | | | | | | | | | | | |
| BWWTP Secondary Clarifier Valve Motor Operator Replacement | 1826 | 24-Apr-13 A | 24-Apr-18 A | MBWWT | P Second | ary Clarifier Va | live Motor Oper | ator Replaceme | nt | | | | | • | | | | | | | | | | |
| consent Decree Duration (60 Months) | 1826 | 24-Apr-13 A | 24-Apr-18 A | Consent | Decree D | uration (60 Mo | nths) | | | | | | | • | | | | | | | | | | |
| AL1150 Consent Decree Duration | 1826 | 24-Apr-13 A | 24-Apr-18 A | Consent | Decree D | uration | | | | | | | | | | | | | | | | | | |
| AL1160 Consent Decree Duration Completion Milestone | 0 | | 24-Apr-18 A | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Consent [♦ | ecree Dura | ition Comple | euon Milesta | one | | | | | | |
| roject Procurement | | | 31-May-16 A | | | nt Scone | | | | | | | | | | | | | | | | | | |
| L1250 City Develops Project Scope | 1132 | 25-Apr-13 A | 31-May-16 A | | | in Scope | | | | | | | | | | | | | | | | | | |
| anning Phase | 29 (| 01-Jun-16 A | 30-Jun-16 A | | | | | | | nning Pha | | | | | | | | | | | | | | |
| L1170 Planning Phase | 29 | 01-Jun-16 A | 30-Jun-16 A | | | | | | Pla | nning Pha | se | | | | | | | | | | | | | |
| ngineering Phase | 122 | 01-Jul-16 A | 31-Oct-16 A | | | | | | - | ngineerin | Phase | | | | | | | | | | | | | |
| L1190 Engineering | 122 | 01-Jul-16 A | 31-Oct-16 A | | | | | | | ngineerin | | | | | | | | | | | | | | |
| onstruction Phase | 147 (|)2-Sep-16 A | 27-Jan-17 A | | | | | | | Constr | uction Phas | e | | | | | | | | | | | | |
| L1230 Construction Phase | | | 27-Jan-17 A | | | | | | | T | iction Phas | | | | | | | | | | | | | |
| | | | 00 1 17 1 | | | | | | | | FPA and | TDEC App | orovale | | | | | | | | | | | |
| PA and TDEC Approvals AL1290 Notification of Completion to EPA, TDEC, TCWN | | | 28-Jan-17 A 28-Jan-17 A | | | | | | | | | | | PA, TDEC, 1 | CWN | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| BWWTP Hydraulic and Pump Improvements | 2014 | 18-Oct-12 A | 24-Apr-18 A | WTP Hydraulic a | and Pump | Improvement | s | | | | | | | • | | | | | | | | | | |
| consent Decree Duration (60 Months) | 1826 | 24-Apr-13 A | 24-Apr-18 A | Consent | Decree D | uration (60 Mo | inths) | | | | | | | , | | | | | | | | | | |
| AK1040 Consent Decree Duration | | | 24-Apr-18 A | | Decree D | uration | | | : : | | | | | | | | | | | | | | | |
| | | | | | | 1 | | | 1 1 | | | | | - i i | - I - i | - i | | | | | | 1 | | |

Critical Remaining... Actual Level of Effort 🔶 Baseline Milestone

Summary

Actual Work

Remaining Work

| | Activity Name | At Completion Duration | Start | Finish | 01 | 2013 Q2 Q3 | Q4 Q1 | 2014 | Q4 Q1 Q2 | 2015 2 Q3 Q4 | | 016 Q3 Q4 | 01 | 2017 Q2 Q3 0 | Q4 Q1 | 2018 Q2 Q3 | Q4 Q1 (| 2019 | 01 01 | 2020 | 01 02 | 2021 | 24 01 | 2022 Q2 Q3 | Q4 Q1 C | Q |
|-----------|---|---------------------------|----------------------------|-------------|---------|---------------|-------------|----------------|----------------------|-----------------|-----------------------|---------------------|-----------|-----------------|-------------|---------------|---------------|--------------|-------------|------|-------|------|-------|---------------|---------|---|
| 050 | Consent Decree Duration Completion Milestone | 0 | | 24-Apr-18 A | | | | 00 | | | | | | | | | t Decree Dura | | | | | | | ~~ ~~ | | |
| ect F | rocurement | | 18-Oct-12 A | | | | | | | | | | | | | • | | | | | | | | | | |
| | CD Prequalification Procurement (FY 2012 - 2013) Priority I - Development and Issuance of RFP | 45 | 18-Oct-12 A | 01-Dec-12 A | requal | ification Pro | curement | (FY 2012 - | 2013) Priority I - D |)evelopment a | and Issuance | e of RFP | | | | | | | | | | | | | | |
| K1100 | Consultant develops and Submit Scope and Cost proposal | 10 | 02-Dec-12A | 11-Dec-12 A | onsulta | int develop | s and Subr | mit Scope a | nd Costproposal | | | | | | | | | | | | | | | | | |
| AK1110 | PMO Reviews/ Negotiates and Approve Proposal / Agreement | 10 | 12-Dec-12A | 21-Dec-12 A | MO Re | views/Neg | otiates and | d Approve F | roposal / Agreem | nen t | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AK1120 | PMO Approved Agreement to Council for Approval | | 22-Dec-12 A | | | | | | | | | | | | | | | | | | | | | | | |
| AK1130 | Consultant Signed Agreement to City for Execution | 14 | 09-Jan-13 A | 22-Jan-13 A | Consu | ıltant Signe | d Agreeme | ent to City fo | r Execution | | | | | | | | | | | | | | | | | |
| Planning | Phase | 376 | 02-Feb-13 A | 13-Feb-14 A | Plan | ning Phase | | | | | | | | | | | | | | | | | | | | |
| AK1000 | Planning Phase | 376 | 02-Feb-13 A | 13-Feb-14 A | Plan | ning Phase | | | | | | | | | | | | | | | | | | | | |
| AK1060 | SRF Facility Plan Approval | 112 | 24-Oct-13 A | 13-Feb-14 A | | | SRF Faci | ility Plan App | roval | | | | | | | | | | | | | | | | | |
| Engineer | ng Phase | 248 | 14-Feb-14 A | 20-Oct-14 A | | | E | ngineering I | Phase | | | | | | | | | | | | | | | | | |
| | Engineering | | 14-Feb-14 A | | | | | ngineering | | | | | | | | | | | | | | | | | | |
| AK1020 | SRF Approval of Contract Documents | 44 | 06-Sep-14 A | 20-Oct-14 A | | | | | SRF Approval of | Contract Doci | uments | | | | | | | | | | | | | | | |
| | | | - | | | | | | Construction E | | 1 | | | | | | | | | | | | | | | |
| | tion Bidding Phase Construction Bidding Phase | | 23-Oct-14 A 23-Oct-14 A | | | | | | Construction E | Bidding Phase | | | | | | | | | | | | | | | | |
| 41/11/0 | | 7 | 05 Dec 14 A | 12 Dec 14 4 | _ | | | | | istration Phas | | | | | | | | | | | | | | | | |
| AKTI4U | SRF Administration Phase | 1 | 05-Dec-14 A | 12-Dec-14 A | | | | | | | | | | | | | | | | | | | | | | |
| | tion Phase | | 16-Feb-15 A | | | | | | | ruction Phase | | - | | | | | | | | | | | | | | |
| AK1080 | Construction Phase | 520 | 16-Feb-15 A | 20-JUF16 A | | | | | | | | | | | | | | | | | | | | | | |
| | TDEC Approvals Notification of Completion to EPA, TDEC, TCWN | | 21-Jul-16 A 21-Jul-16 A | | | | | | | | | EPA and Notificatio | | provals | PA. TDEC | TCWN | | | | | | | | | | |
| A4000 | | | | | | | | | | | | •••••••••• | | piotori to El | | | | | | | | | | | | |
| MBWW | IP Bar and Fine Screen Replacements | 2305 | 01-Jan-12 A | 24-Apr-18 A | Scree | n Replacer | nents | | | | 1 1 1 1 1 | | | | | - | | | | | | | | | | |
| | Decree Duration (60 Months) | | 24-Apr-13 A | | | T | | ation (60 M | | | | | | | | | | | | | | | | | | |
| AJ1040 | Consent Decree Duration | 1826 | 24-Apr-13 A | 24-Apr-18 A | | Consent | ecree Dur | ation | | | | | | | | - | | | | | | | | | | |
| AJ1050 | Consent Decree Duration Completion Milestone | 0 | | 24-Apr-18 A | | | | | | | | | | | | Consen | Decree Dura | ion Completi | n Milestone | | | | | | | |
| Project F | rocurement | | 07-Sep-12 A | | | | | | | | | | | | | • | | | | | | | | | | |
| | Previously Procured Consent Decree Projects | 0 | 07-Sep-12 A | 07-Sep-12 A | sly Pro | cured Con | sent Decre | e Projects | | | | | | | | | | | | | | | | | | |
| Planning | Phase | 290 | 01-Jan-12 A | 17-Oct-12 A | | | | | | | | | | | | | | | | | | | | | | |
| AJ1000 | Planning Phase | 280 | 01-Jan-12 A | 07-Oct-12 A | | | | | | | | | | | | | | | | | | | | | | |
| AJ1060 | SRF Facility Plan Approval | 9 | 08-Oct-12 A | 17-Oct-12 A | acility | Plan Appro | val | | | | | | | | | | | | | | | | | | | |
| Engineer | ng Phase | 902 | 01-May-12 A | 20-Oct-14 A | se | | | | _ | | | | | | | | | | | | | | | | | |
| _ | Engineering | 857 | 01-May-12 A | 05-Sep-14 A | | | | | | | | | | | | | | | | | | | | | | |
| AJ1020 | SRF Approval of Contract Documents | 44 | 06-Sep-14 A | 20-Oct-14 A | | | | | SRF Approval of | Contract Doci | uments | | | | | | | | | | | | | | | |
| Constant | tion Didding Dhoos | 112 | 23-Oct-14 A | 12-Eab 15 A | | | | | Construction E | Bidding Phase | | | | | | | | | | | | | | | | |
| | tion Bidding Phase Construction Bidding Phase | | 23-Oct-14 A 23-Oct-14 A | | | | | | Construction E | | | | | | | | | | | | | | | | | |
| AJ1100 | SRF Adminstration Phase | 60 | 05-Dec-14 A | 12-Feb-15 A | | | | | <u>SRE</u> Admin | stration Phase | e | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | tion Phase Construction Phase | | 16-Feb-15 A 16-Feb-15 A | | | | | | | ruction Phase | | | | - | | | | | | | | | | | | |
| | | | | | | - 4 | | | | | | | | | | | | | | | | | | | | |
| MBWW | IP Effluent Disinfection System Upgrade | 1285 | 18-Oct-12 A | 24-Apr-16 A | W IP! | ±n⊓uentDisi | nfection Sy | /stem Upgra | | | | | | | | | | | | | | | | | | |
| | Decree Duration (36 Months) | | 24-Apr-13 A | | | Consent D | ecree Dur | ation (36 M | onths) | | | | | | | | | | | | | | | | | |
| AC1340 | Consent Decree Duration | 1096 | 24-Apr-13 A | 24-Apr-16 A | | Consent | | | | | | | | | | | | | | | | | | | | |
| AC1350 | Consent Decree Duration Completion Milestone | 0 | | 24-Apr-16 A | | | | | | | Con | sent Decre | e Duratio | on Completic | on Milestor | ne | | | | | | | | | | |
| Project F | rocurement | 87 | 18-Oct-12 A | 12-Jan-13 A | ct Proc | urement | | | | | • | | | | | | | | | | | | | | | |

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Actual Work
Remaining Work

CITY OF CHATTANOOGA, TN WASTE RESOURCES DIVISION

| Activity Name | At Completion Start Duration | Finish | Q1 Q2 | 2013 Q3 Q4 | 2014 Q1 Q2 | 23 Q4 Q | 2015 1 Q2 Q3 | Q4 Q1 | 2016 Q2 Q3 | Q4 Q1 | 2017 Q2 C | Q3 Q4 | Q1 Q2 | 2018 2 Q3 Q4 | Q1 Q | 2019 2 Q3 Q4 | Q1 Q2 | 2020 Q3 Q | 4 Q1 Q | 2021 2 Q3 | Q4 Q1 | 2022 Q2 Q3 0 | Q4 Q1 | 202 Q2 |
|---|---|----------------------------|-------------|------------------------------|----------------------------|--------------------------------------|--------------------------------------|---------------|----------------|-------------|--------------|------------------|-----------|-----------------|----------|-----------------|--------------------------------------|--------------|--------|--------------|----------|-----------------|-------|-----------|
| C1390 CD Prequalification Procurement (FY 2012 - 2013) Priority I - Development and Issuance of RFP | 45 18-Oct-12 A | 01-Dec-12 A | requalifica | ation Procure | ment (FY 2012 | - 2013) Prior | ity I - Developn | nentand Iss | uance of RI | P | | | | | | | | | | | | | | |
| C1400 Consultant develops and Submit Scope and Cost proposal | 10 02-Dec-12A | 11-Dec-12 A | onsultant | develops and | Submit Scope | and Cost pro | oposal | | | | | 8 | | | | | | | | | | | | |
| C1410 PMO Reviews/ Negotiates and Approve Proposal / Agreement | 0 12-Dec-12 A | 12-Dec-12 A | MO Revie | ws/Negotiat | s and Approve | e Proposal / A | greement | | | | | | | | | | | | | | | | | |
| C1420 PMO Approved Agreement to Council for Approval | 18 12-Dec-12A | 29-Dec-12 A | MO Appro | ved Agreem | nt to Council f | or Approval | | | | | | | | | | | | | | | | | | |
| | | | | | ement to City | | | | | | | - | | | | | | | | | | | | |
| C1430 Consultant Signed Agreement to City for Execution | 14 30-Dec-12 A | 12-Jan-13 A | | | | | | | | | | | | | | | | | | | | | | |
| anning Phase C1300 Planning Phase | 121 29-Apr-13 A 16 29-Apr-13 A | | Pk Pk | anning Phase anning Phase | | 5 5 5 5 5 5 5 5 | | | | | | | | | | | | | | | | | | |
| | | - | | RE Eacility Pl | | | | | | | | | | | | | | | | | | | | |
| C1360 SRF Facility Plan Approval | 106 14-May-13 A | _ | | | | | | | | | | | | | | | | | | | | | | |
| ngineering Phase C1310 Engineering | 375 10-Oct-13 A 329 10-Oct-13 A | | | | neering Phase neering | | | | 8 | | | 8 | | | | | | | | | | | | |
| C1320 SRF Approval of Contract Documents | 47 03-Sep-14 A | | | | | SRF Anoro | val of Contract | Documents | | | | 8 | | | | | 8 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| onstruction Bidding Phase C1370 Construction Bidding Phase | 92 30-Oct-14 A 66 30-Oct-14 A | | | | | | uction Bidding F uction Bidding F | | | | | | | | | | | | | | | | | |
| C1440 SRFAdminstration Period | | | | | | | RF Adminstration | | | | | | | | | | | | | | | | | |
| | 25 05-Jan-15 A | | | | | | | | | | | | | | | | 8 | | | | | | | |
| Onstruction Phase C1380 Construction Phase | 405 16-Mar-15 A 405 16-Mar-15 A | | | | | | Construction | | - | | | | | | | | | | | | | | | |
| | 0 24-Apr-16 A | | | | | | | | EPA and 1 | | ovals | | | | | | | | | | | | | |
| PA and TDEC Approvals C1330 Notification of Completion to EPA, TDEC, TCW N | 0 24-Apr-16 A 0 24-Apr-16 A | | | | | | | | • | 1 of Comple | | A, TDEC | TCWN | | | | | | | | | | | |
| O Projects | 1379 15-Jul-12A | 24-Apr-16 A | ts | | | | | | | | | | | | | | | | | | | | | |
| | 1325 07-Sep-12 A | | |)TF Outfall R | placement | 2 2 2 2 | | | | | | | | | | | | | | | | | | |
| rter Street CSOTF Outfall Replacement | | | | | | | | | - | | | | | | | | | | | | | | | |
| Descree Duration (36 Months) 1040 Consent Decree Duration | 1096 24-Apr-13 A 1096 24-Apr-13 A | | | nsent Decre | e Duration (36 Duration | Months) | | | - | | | | | | | | | | | | | | | |
| 1050 Consent Decree Duration Completion Milestone | 0 | 24-Apr-16 A | | | | | | | | | | | | | | | | | | | | | | |
| | - | | Desculation | | | | | | Consent I ♦ | Decree Du | ration Con | npletion N | lilestone | | | | | | | | | | | |
| oject Procurement 1090 Previously Procured Consent Decree Projects | 345 07-Sep-12 A 345 07-Sep-12 A | 17-Aug-13 A 17-Aug-13 A | sly Procur | ed Consent | Decree Project | s | | | | | | 8 8 8 8 | | | | | | | | | | | | |
| anning Phase | 345 18-Aug-13 A | | | | Phase | | | | | | | | | | | | | | | | | | | |
| 1000 Planning Phase | 302 18-Aug-13 A | | | | Phase | | | | | | | | | | | | | | | | | | | |
| 1060 SRF Facility Plan Approval | 43 16-Jun-14 A | 28-Jul-14 A | | | SR | F Facility Plan | Approval | | | | | | | | | | | | | | | | | |
| ngineering Phase | 513 18-Aug-13 A | 12-Jan-15 A | | Enginee | ring Phase | | | | | | | | | | | | | | | | | | | |
| 1010 Engineering | 345 18-Aug-13 A | | | | ring | | | | | | | | | | | | | | | | | | | |
| 1020 SRF Approval of Contract Documents | 168 29-Jul-14 A | 12-Jan-15 A | | | | SRF Approva | I of Contract D | pcuments | | | | | | | | | | | | | | | | |
| onstruction Bidding Phase | 169 19-Feb-15 A | 06-Aug-15 A | | | | | Construction B | idding Phas | e | | | | | | | | | | | | | | | |
| 1070 Construction Bidding Phase | 169 19-Feb-15 A | | | | | | Construction B | | | | | | | | | | | | | | | | | |
| 1100 SRF Administration Phase | 4 03-Aug-15 A | 06-Aug-15 A | | | | | SRI | Administra | ion Phase | | | | | | | | 8 | | | | | | | |
| nstruction Phase | 240 28-Aug-15 A | 24-Apr-16 A | | | | | ع | onstruction F | hase | | | | | | | | | | | | | | | |
| 1080 Construction Phase | 240 28-Aug-15 A | | | | | | <u> </u> | onstruction F | hase | | | 8 | | | | | | | | | | | | |
| PA and TDEC Approvals | 0 24-Apr-16 A | 24-Apr-16 A | | | | | | | EPA and T | DECAppr | ovals | 8 | | | | | | | | | | | | |
| 1030 Notification of Completion to EPA, TDEC, TCW N | 0 24-Apr-16 A | 24-Apr-16 A | | | | | | | Notification | i of Comple | etion to EF | PA, TDEC | TCWN | | | | 1 1 1 1 1 1 1 1 | | | | | | | |
| tomation of Valve Operators at CSO Facilities | 1379 15-Jul-12 A | 24-Apr-16 A | of Valve (| Operators at | SO Facilities | | | | - | | | 8 8 8 | | | | | 1 | | | | | | | |
| onsent Decree Duration (36 Months) | 1096 24-Apr-13 A | 24-Apr-16 A | | | e Duration (36 | | | | - | | | | | | | | 8 | | | | | | | |
| H1140 Consent Decree Duration | 1096 24-Apr-13 A | 24-Apr-16 A | | nisent Decre | d Duration | | | | | | | | | | | | | | | | | | | |
| H1150 Consent Decree Duration Completion Milestone | 0 | 24-Apr-16 A | | | | | | | | Co | nsent Dec | ree Dura | tion Comp | oletion Milesto | one | | | | | | | | | |
| Summary Critical Remaining Actual Level of Effort Baseline Milestone Actual Work | II | СНАТ | TAN | OOG | | | T DEC HATTA | | | | AM - | PH | ASE | E I | <u> </u> | | <u> :</u> | | | | <u> </u> | | | |

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| Activity Name | At Completion Duration | Start | Finish | M 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 Q1 Q2 Q3 Q4 Q1 Q2 | 4 0 |
|--|---------------------------|----------------------------|-------------|---|-----|
| roject Procurement | 0 | 15-Jul-12 A | 15-Jul-12 A | 12A ^{jurement} | |
| AH1190 Previously Procured Consent Decree Projects (City Internal Project - Completed) | 0 | 15-Jul-12 A | 15-Jul-12 A | 12 A Procured Consent Decree Projects (City Internal Project - Completed) | |
| Construction Phase | 54 | 15-Jul-12 A | 07-Sep-12 A | 12A h Pháse | |
| AH1180 Construction Phase | 54 | 15-Jul-12 A | 07-Sep-12 A | 12A h Phase | |
| Project Completion Report | 181 | 01-Aug-13 A | 29-Jan-14 A | 14A Project Completion Report | |
| Ol2420 Project Completion Report | | 01-Aug-13 A | | | |
| EPA and TREC American | 0 | 30-Jan-14 A | 30 Jan 14 A | 14A EPA and TDEC Approvals | |
| EPA and TDEC Approvals AH1130 Notification of Completion to EPA, TDEC, TCWN | | 30-Jan-14 A 30-Jan-14 A | | | |
| | | | | | |
| Operations Projects | 2153 | 07-Sep-12 A | 31-Jul-18 A | Ins Projects Ins Projects | |
| South Chick PS Reliability Improvements | 1325 | 07-Sep-12 A | 24-Apr-16 A | 16 A hick PS Reliability Improvements | |
| | 1006 | 24-Apr-13 A | 24 Apr 16 A | 16A Consent Decree Duration (36 Months) | |
| Consent Decree Duration (36 Months) AH1040 Consent Decree Duration | | 24-Apr-13 A | | | |
| | | | | | |
| AH1050 Consent Decree Duration Completion Milestone | 0 | | 24-Apr-16 A | 16 A Consent Decree Duration Completion Milestone | |
| Project Procurement | | 07-Sep-12 A | | | |
| AH1090 Previously Procured Consent Decree Projects | 66 | 07-Sep-12 A | 11-Nov-12 A | 12 A sly Procured Consent Decree Projects | |
| Planning Phase | 0 | 12-Nov-12 A | 12-Nov-12 A | 12 A Ining Phase | |
| AH1000 Planning Phase | | 12-Nov-12 A | | | |
| | 0 | 12-Nov-12 A | 12 Nov 12 A | 12 A Facility Plan Approval | |
| AH1060 SRF Facility Plan Approval | 0 | 12-NOV-12 A | 12-NOV-12 A | | |
| Engineering Phase | | | | 12A ineering Phase | |
| AH1010 Engineering | 0 | 12-Nov-12 A | 12-Nov-12 A | 12A ineering | |
| AH1020 SRF Approval of Contract Documents | 0 | 12-Nov-12 A | 12-Nov-12 A | 12 A FApproval of Contract Documents | |
| | | 10 Nov 10 A | 10 Nov 10 A | 12A Istruction Bidding Phase | |
| Construction Bidding Phase AH1070 Construction Bidding Phase | | | | 12A Istruction Bidding Phase | |
| | | | | | |
| Construction Phase | | | | 12A tstruction Phase 12A tstruction Phase 12A tstruction Phase | |
| AH1080 Construction Phase | 5 | 12-NOV-12 A | 16-NOV-12 A | | |
| EPA and TDEC Approvals | | 30-Jan-14 A | | | |
| AH1030 Notification of Completion to EPA, TDEC, TCWN | 0 | 30-Jan-14 A | 30-Jan-14 A | 14 A Notification of Completion to: EPA, TDEC, TCW N | |
| MBWWTP Telemetry and SCADA Upgrades | 2112 | 18-Oct-12 A | 31-Jul-18 A | 18 A WTP Telemetry and SCADA Upgrades | |
| | 1926 | 24-Apr-13 A | 24 Apr 18 A | 18 Consent Decree Duration (60 Months) | |
| Consent Decree Duration (60 Months) AC1190 Consent Decree Duration | | 24-Apr-13 A | | | |
| | | | - | | |
| AC1200 Consent Decree Duration Completion Milestone | 0 | | 24-Apr-18 A | 18 A Consent Decree Duration Completion Milestone | |
| Project Procurement | | 18-Oct-12 A | | | |
| AC1240 CD Prequalification Procurement (FY 2012 - 2013) Priority I - Development and Issuance of RFP | 45 | 18-Oct-12 A | 01-Dec-12 A | 12 A requalification Procurement (FY 2012 - 2013) Priority) - Development and Issuance of RFP | |
| AC1250 Consultant develops and Submit Scope and Cost proposal | 10 | 02-Dec-12A | 11-Dec-12 A | 12 A Insultant develops and Submit Scope and Cost proposal | |
| | | | | | |
| AC1260 PMO Reviews/ Negotiates and Approve Proposal / Agreement | 10 | 12-Dec-12A | 21-Dec-12 A | 12 A MO Reviews/ Negotiates and Approve Proposa / Agreement | |
| AC1270 PMO Approved Agreement to Council for Approval | 18 | 22-Dec-12 A | 08-Jan-13 A | 13A MOApproved Agreement to Council for Approval | |
| AC1200 Consultant Signed Agreement to City for Execution | 14 | 00 lon 12 A | 22 Jan 12 A | 13 A Consultant Signed Agreement to City for Execution | |
| AC1280 Consultant Signed Agreement to City for Execution | 14 | 09-Jan-13 A | 22-Jan-13 A | | |
| Planning Phase | | 27-Mar-13 A | | | |
| AC1150 Planning Phase | 75 | 27-Mar-13 A | 10-Jun-13 A | 13 A Planning Phase | |
| AC1210 SRF Facility Plan Approval | 30 | 11-Jun-13 A | 11-Jul-13 A | 13 A SRF Facility Plan Approval | |
| | | 10.1.1.1 | 10.11 | | |
| Engineering Phase AC1160 Engineering | | 12-Jul-13 A 12-Jul-13 A | | | |
| | 020 | 12-00-13A | 10-00E10A | | |

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Actual Work

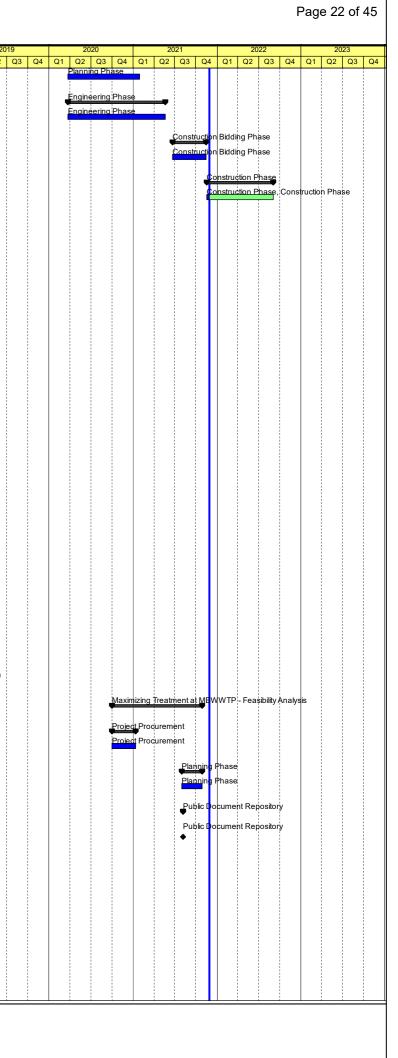
Remaining Work

Remaining Work

| Activity Name | At Completion Duration | Start | Finish | 2013 2014 2015 2016 2017 2018 2019 2020 2021 | 2022 2 |
|---|---------------------------|--------------------------|----------------------------|--|---------------|
| 170 SRF Approval of Contract Documents | | 7-Oct-15 A | 10-Nov-15 A | I Q2 Q3 Q4 Q1 Q2 Q3 Q4 | 2 Q3 Q4 Q1 Q2 |
| Instruction Bidding Phase | 387 10 |)-Nov-15A | 01-Dec-16 A | Construction Bidding Phase | |
| 1220 Construction Bidding Phase | 363 10 |)-Nov-15 A | 07-Nov-16 A | Construction Bidding Phase | |
| C1290 SRF Adminstration Period | 24 07 | -Nov-16 A | 01-Dec-16 A | SRF Administration Périod | |
| Construction Phase | 380 13 | -Nov-16 A | 28-Nov-17 A | Construction Phase | |
| AC1230 Construction Phase | 380 13 | 8-Nov-16 A | 28-Nov-17 A | Construction Phase | |
| EPA and TDEC Approvals AC1180 Notification of Completion to EPA, TDEC, TCW N | | 1-Jul-18 A 1-Jul-18 A | 31-Jul-18 A 31-Jul-18 A | EPA and TDEC Approvals Notification of Completion to EPA, TDEC, TCWN | |
| | | | | | Para |
| ra 23 - East Bank/West Bank Outfall Assessment and Rehabilitatio | 2649 0 | | 01-Jul-30 | | |
| ast Bank/West Bank Outfall Assessment and Rehabilitation Plan | 2649 0 | 1-Apr-23 | 01-Jul-30 | | East |
| East Bank/West Bank Outfall Assessment and Rehabilitation Plan | 2649 0 | 1-Apr-23 | 01-Jul-30 | | East |
| AH1100 East Bank/West Bank Outfall Assessment and Rehabilitation Plan | 91 0 | 1-Apr-23 | 30-Jun-23 | | East |
| AH1110 East Bank/West Bank Outfall Assessment and Rehabilitation Project | 2558 (|)1-Jul-23 | 01-Jul-30 | | |
| ara 24 - Long Term Control Plan Updates | 3701 1 | 5-Jul-12 A | 01-Sep-22 | Term Control Plan Updates | |
| TCP-Additional Operational Plan | 1792 13 | B-Mar-13 A | 07-Feb-18 A | LTCP-Additional Operational Plan | |
| Consent Decree Duration (48 Months) | 1644 24 | I-Apr-13 A | 24-Oct-17 A | Consent Decree Duration (48 Months) | |
| OO1360 Consent Decree Duration | 1644 24 | 4-Apr-13 A | 24-Oct-17 A | Consent Decree Duration | |
| OO1370 Consent Decree Duration Completion Milestone | 0 | | 24-Oct-17 A | Cor sent Decree Duration Completion Milestone | |
| Project Procurement | | 5-Jul-13 A | 12-Mar-15 A | Project Procurement Program Manager (PM) Proqurement (FY 2013 - 2014) | |
| OO1250 Program Manager (PM) Procurement (FY 2013 - 2014) | | 5-Jul-13 A | 15-Jul-13 A | | |
| OO1380 Administration Phase | 605 1 | 5-Jul-13 A | 12-Mar-15 A | Administration Phase | |
| Planning Phase OO1260 Planning Phase | | | 07-Sep-17 A 25-Aug-17 A | Planning Phase | |
| OO1390 Program Manager / Owner Review and Coordination | | | 07-Sep-17 A | Program Manager / Owner Review and Coordination | |
| | | | | Public Document Repository | |
| Public Document Repository OO1270 Submit Draft Deliverable to Reference Librarian | | | 24-Oct-17 A 08-Sep-17 A | Submit Dealiverable to Reference Librarian | |
| OO1280 Post Copy of Draft Deliverable on City's Website | 0 08 | S-Sep-17 A | 08-Sep-17 A | Post Copy of Draft Deliverable on City's Website | |
| OO1290 Public Review Period | 29 09 | -Sep-17 A | 08-Oct-17 A | Public Review Periód | |
| OO1300 Public Comment Review Period | | | 24-Oct-17 A | Public Comment Review Period | |
| | | | | | |
| OO1310 Submit Deliverable to EPA, TDEC and Provide notice to TCWN | U | | 24-Oct-17 A | Submit Deliverable to EPA, TDEC and Provide notice to TCWN | |
| EPA and TDEC Approvals 001320 Place Copy of EPA and TDEC Submittal in PDR | | | 07-Feb-18 A 31-Oct-17 A | EPAand TDEC Approvals Place Copy of EPA and TDEC Submittalin PDR | |
| OO1330 EPA / TDEC Review | 98 2 | 5-Oct-17 A | 31-Jan-18 A | EBA/TDEC Review | |
| OO1340 Address Comments for Final EPA / TDEC Approval | | | 31-Jan-18 A | Address Comments for Final EPA/ TDEC Approval | |
| OO1350 Submit Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval by | | | 07-Feb-18 A | Submit Cepy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval by EPA) | |
| EPA) | | | | | |
| TCP-Additional Operational Plan Implementation | | | 01-Sep-22 | | |
| Consent Decree Duration OO1375 Consent Decree Duration | | | 04-Dec-18 A 04-Dec-18 A | Consent Decree Duration Consent Decree Duration | |
| Project Procurement | | | 10-Jun-19 A | Project Procurement | |
| OO1386 Project Procurement | | | 10-Jun-19 A | Project Procurement | |
| Planning Phase | 312 23 | B-Mar-20 A | 29-Jan-21 A | Planning Phase | |

WASTE RESOURCES DIVISION

| D | Activity Name | At Completion Duration | Start | Finish | 2013 Q1 Q2 Q3 Q4 | 2014 | 2015 2016 Q2 Q3 Q4 Q1 Q2 Q3 Q4 | 2017 | 2018 | 04 |
|------------------|---|---------------------------|----------------------------|--------------|--------------------------|--------------------------------|--|----------------------------|-------------------|-------|
| A9790 | Planning Phase | 312 | 23-Mar-20 A | 29-Jan-21 A | | | | | | Q.T |
| Engineeri | ing Bhase | 423 | 23-Mar-20 A | 20-May-21 A | | | | | | |
| | ing Phase Engineering Phase | | 23-Mar-20 A | | | | | | | |
| | | | | | | | | | | |
| | tion Bidding Phase Construction Bidding Phase | | 22-Jun-21 A 22-Jun-21 A | | | | | | | |
| 10010 | | 147 | 22 0011 2177 | 10 1107 2177 | | | | | | |
| | tion Phase | | 17-Nov-21 A | | | | | | | |
| A9820 | Construction Phase | 289 | 17-Nov-21 A | 01-Sep-22 | | | | | | |
| TCP-P | ost Const. Compliance Monitoring Program | 989 | 15-Jul-12 A | 31-Mar-15 A | Const. Compliance Mo | onitoring Program | • | | | |
| | Decree Duration (19 Months) | 570 | 24-Apr-13 A | 24 Nov 14 A | Consent Decre | e Duration (19 Months) | | | | |
| | Consent Decree Duration | | 24-Apr-13 A | | Consent Decre | | | | | |
| | | | | | | | | | | |
| OO1230 | Consent Decree Duration Completion Milestone | 0 | | 24-Nov-14 A | | Cons | ent Decree Duration Completion Mileston | e | | |
| Project P | rocurement | 351 | 15-Jul-12 A | 01-Jul-13 A | curement | | | | | |
| 001110 | Program Manager (PM) Procurement (FY 2012 - 2013) | 0 | 15-Jul-12 A | 15-Jul-12 A | anager (PM) Procurem | nent (FY 2012 - 2013) | | | | |
| 001240 | Administration Phase | 351 | 15-Jul-12 A | 01-Jul-13 A | on Phase | | | | | |
| | | | | | | | | | | |
| Planning | | | 02-Jul-13 A | | Planning P Planning P | | | | | |
| 001120 | Planning Phase | 333 | 02-Jul-13 A | 31-May-14 A | | | | | | |
| OO1400 | Program Manager / Owner Review and Coordination | 133 | 01-Jun-14 A | 12-Oct-14 A | | Program Manager | Owner Review and Coordination | | | |
| Public Do | ocument Repository | 36 | 13-Oct-14 A | 18-Nov-14 A | | Public Do | ument Repository | | | |
| | Submit Draft Deliverable to Reference Librarian | | 13-Oct-14 A | | | | aft Deliverable to Reference Librarian | | | |
| | | | | | | , Deat Carry | | | | |
| 001140 | Post Copy of Draft Deliverable on City's Website | 0 | 13-Oct-14 A | 13-Oct-14 A | | Posi Copy | of Draft Deliverable on City's Website | | | |
| OO1150 | Public Review Period | 35 | 13-Oct-14 A | 17-Nov-14 A | | Public Rev | view Period | | | |
| OO1160 | Public Comment Review Period | 1 | 17-Nov-14 A | 19 Nov 14 A | | Public C | omment Review Period | | | |
| 001160 | Public Comment Review Period | 1 | 17-NOV-14 A | 10-INOV-14 A | | 1 10000 | | | | |
| OO1170 | Submit Deliverable to EPA, TDEC and Provide notice to TCWN | 0 | | 18-Nov-14 A | | Submit | Deliverable to EPA, TDEC and Provide n | otice to TCWN | | |
| FPA and 1 | TDEC Approvals | 133 | 18-Nov-14 A | 31-Mar-15 A | | ● EPA and | TDEC Approvals | | | |
| | Place Copy of EPA and TDEC Submittal in PDR | | 18-Nov-14 A | | | | opy of EPA and TDEC Submittal in PDR | | | |
| 001100 | | 110 | 10 Nov 14 A | 10 Mar 15 A | | EPA/TI | DEC Review | | | |
| 001190 | EPA/TDEC Review | 113 | 19-Nov-14 A | 12-Wai-15 A | | | | | | |
| OO1200 | Address Comments for Final EPA / TDEC Approval | 0 | 12-Mar-15 A | 12-Mar-15 A | | | Address Comments for Final EPA / TDEC | Approval | | |
| 001210 | Submit Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval by | 19 | 12-Mar-15 A | 31-Mar-15 A | | | ubmit Copy of Approved Deliverable in th | e PDR (within 7 days follo | wing Receipt of A | pprov |
| 001210 | EPA) | | 12 1101 1071 | or mar rore | | | | | | |
| Maximiz | ing Treatment at MBWWTP - Feasibility Analysis | 394 | 01-Oct-20 A | 29-Oct-21 A | | | | | | |
| Proiect P | rocurement | 103 | 01-Oct-20 A | 12-Jan-21 A | | | | | | |
| - | Project Procurement | 103 | 01-Oct-20 A | 12-Jan-21 A | | | | | | |
| Planning | Phase | 91 | 31-Jul-21 A | 29-Oct-21 A | | | | | | |
| - | Planning Phase | | 31-Jul-21 A | | | | | | | |
| | | | | | | | | | | |
| | Public Document Repository | | 06-Aug-21 A 06-Aug-21 A | 06-Aug-21 A | | | | | | |
| /110040 | | | - | | | | | | | |
| ara 25 - | Moccasin Bend WWTP Process Controls Program | 937 | 18-Oct-12 A | 13-May-15 A | 25 - Moccasin Bend W | WTP Process Controls Progr | am, | | | |
| | TP Process Controls Program | 937 | 18-Oct-12 A | 13-May-15 A | WTP Process Controls | sProgram | | | | |
| | | | | | | | | | | |
| | Decree Duration (19 Months) Consent Decree Duration | | 24-Apr-13 A 24-Apr-13 A | | Consent Decre | e Duration (19 Months) | | | | |
| UP IIIU | | 5/9 | 24-Apt-13 A | 24-110V-14 A | | | | | | |
| OP1120 | Consent Decree Duration Completion Milestone | 0 | | 24-Nov-14 A | | Cons | ent Decree Duration Completion Mileston | e | | |
| Project P | rocurement | 52 | 18-Oct-12 A | 08-Dec-12 A | ct Procurement | • | | | | |
| - | rocurement CD Prequalification Procurement (FY 2012 - 2013) Priority I - Development and Issuance of RFP | | 18-Oct-12 A | 18-Oct-12 A | | ment (FY 2012 - 2013) Priority | 1 - Development and Issuance of RFP | | | |
| | | | | | | | | | | |



| | Activity Name | At Completion Duration | Start | Finish | 2013 | 04 04 1 | 2014 | | 2015 | | | 2016 | 04 01 | 201 | | 01 | 2018 | 2 01 | | 019 | | 2020 | 01 01 | 2021 | 01 01 | 2022 | 01 01 | |
|------------|--|---------------------------|----------------------------|----------------------------|-----------------------------------|--------------|------------|-------------|--------------|-------------|--------------------------------------|--------------|------------|--------|-------------|-------------|----------|-------------|-----------|---------------|-----------|------------|------------|-------------|-------|-------|-------|---|
| OP1130 | Consultant develops and Submit Scope and Cost proposal | | 18-Oct-12 A | 27-Oct-12 A | Q1 Q2 Q3 0 ultant develops and | d Submit Sco | ope and | Cost propos | al Q2 Q | 13 Q4 | Q1 Q2 | Q3 (| u4 Q1 | Q2 | Q3 Q4 | Q1 | Q2 Q3 | 3 Q4 | Q1 Q2 | <u>Q</u> 3 Q4 | + Q1 0 | JZ Q3 | Q4 Q1 | Q2 Q3 | Q4 Q1 | Q2 Q3 | Q4 Q1 | Ľ |
| OP1140 | PMO Reviews/ Negotiates and Approve Proposal / Agreement | 10 | 28-Oct-12 A | 06-Nov-12 A | Reviews/Negotiat | es and Appr | ove Pro | posal/Agree | emient | | | | | | 8 | | | | | | | | | | | | | |
| | | | | |) Approved Agreen | | | | | | | | | | | | | | | | | | | | | | | |
| OP1150 | PMO Approved Agreement to Council for Approval | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OP1160 | Consultant Signed Agreement to City for Execution | 14 | 25-Nov-12 A | 08-Dec-12 A | nsultant Signed Ag | reement to C | City for E | xecution | | | | | | | | | | | | | | | | | | | | |
| Planning | | | 29-Apr-13 A | | Planning Ph Planning Ph | | | - | | | | | | | - | | | | | | | | | | | | | |
| OP1010 | Planning Phase | 522 | 29-Apr-13 A | 03-Oct-14 A | | lase | | | | | | | | | | | | | | | | | | | | | | |
| OP1190 | Program Manager / Owner Review and Coordination | 8 | 04-Oct-14 A | 12-Oct-14 A | | | | Program I | Manager / (| Owner Re | view and | Coordina | tion | | | | | | | | | | | | | | | |
| | cument Repository | | 13-Oct-14 A | | | | | Public Do | | | | | | | | | | | | | | | | | | | | |
| OP1020 | Submit Draft Deliverable to Reference Librarian | 0 | 13-Oct-14 A | 13-Oct-14 A | | | | | raft Deliver | able to Re | terence L | librarian | | | | | | | | | | | | | | | | |
| OP1030 | Post Copy of Draft Deliverable on City's Website | 3 | 13-Oct-14 A | 16-Oct-14 A | | | | Post Cop | y of Draft D | Deliverable | on City's | Website | | | | | | | | | | | | | | | | |
| OP1040 | Public Review Period | 35 | 13-Oct-14 A | 17-Nov-14 A | | | | Public Re | view Perio | d | | | | | | | | | | | | | | | | | | |
| OP1050 | Public Comment Review Period | 0 | 18-Nov-14 A | 18-Nov-14 A | | | | Public (| Comment F | Review Pe | riod | | | | | | | | | | | | | | | | | |
| OP1060 | Submit Deliverable to EPA, TDEC and Provide notice to TCWN | 0 | | 18-Nov-14 A | | | | Cubm | a Delivered | | TDEC | Dura di | | TOWN | | | | | | | | | | | | | | |
| | | 170 | | | | | | • | it Deliverab | | IDEC ar | ia Proviae | notice t | | | | | | | | | | | | | | | |
| | DEC Approvals Place Copy of EPA and TDEC Submittal in PDR | | 18-Nov-14 A 18-Nov-14 A | | | | | | d TDEC Ap | | C Submi | ittal in PDF | 2 | | | | | | | | | | | | | | | |
| OP1080 | EPA / TDEC Review | 113 | 19-Nov-14 A | 12-Mar-15 A | | | | EPA/T | DEC Revie | ew | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | for Final | | C Appro | | - | | | | | | | | | | | | | |
| OP1090 | Address Comments for Final EPA / TDEC Approval | 60 | 13-Mar-15 A | 12-May-15 A | | | | | Address C | Jonumenus | | | C Appio | Jvai | - | | | | | | | | | | | | | |
| 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 | | | | | Submi | it Copy of | Approved | l Deliverat | ole in the | PDR (w | ithin 7 day | ys followir | ng Recei | ipt of Appr | oval by E | PA) | | | | | | | | |
| Section V | I - Civil Penalty | 2130 | 01-Jan-13 A | 01-Nov-18 A | Section VII - Civil Pe | enalty | | | | | | | | | | | | | | | | | | | | | | |
| Para 29 - | Cash Fine | 24 | 24-Apr-13 A | 17-May-13 A | Para 29 - Ca | ash Fine | | | | | | | | | | | | | | | | | | | | | | |
| Cash Fi | | 24 | 24-Apr-13 A | 17-May-13 A | Cash Fine | | | | | | | | | | | | | | | | | | | | | | | |
| | ity - 50% Cash Payment | 24 | 24-Apr-13 A | 17-May-13 A | Civil Penalty | - 50% Cash | n Payme | nt | | | | | | | | | | | | | | | | | | | | |
| | Pay 50% of Civil Penalty of \$238,200 to Dept of Justice by EFT | | 24-Apr-13 A | | | | | | t of Justice | by EFT | | | | | - | | | | | | | | | | | | | |
| Para 30 - | State Project (50% of Civil Penalty) | 2130 | 01-Jan-13 A | 01-Nov-18 A | Para 30 - State Proj | ject (50% of | Civil Per | nalty) | | | | | | | | | | | | | | | | | | | | |
| | | 2130 | 01-Jan-13 A | 01-Nov-18 A | Highland Park GI D | emonstration | n Projec | t | | | | | | | | | | | | | | | | | | | | |
| | d Park GI Demonstration Project | | | | _Consent De | oroc Duratio | | | | | - | | | | | | | | | | | | | | | | | |
| | Decree Duration Consent Decree Duration | | 24-Apr-13 A 24-Apr-13 A | | Consent De | | | : | | : | : | | | | 1 | | | | | | | | | | | | | |
| OR1040 | Consent Decree Duration Completion Milestone | 0 | | 01-Nov-18 A | | | | | | | | | | | | | | | | | | 6 | | | | | | |
| | | | | | Droit of Droot | | | | | | | | | | | | | | | Cons ♦ | ent Decre | e Duration | Completion | n Milestone | | | | |
| - | ocurement City Internal Performance | | 24-Apr-13 A 24-Apr-13 A | | Project Proc City Internal | | æ | | | | | | | | | | | | | | | | | | | | | |
| Tack 1 D | lanning Phase | 479 | 01- Jan-13 A | 25-Apr-14 A | ask 1 - Planning Pl | hase _ | _ | | | | | | | | | | | | | | | | | | | | | |
| | Project Plan | | | | Project Plan | | | | | | | | | | | | | | | | | | | | | | | |
| OR1005 | Public Document Repository | 47 | 06-Sep-13 A | 23-Oct-13 A | Put | blic Docume | nt Repo | sitory | | | | | | | 8 | | | | | | | | | | | | | |
| OR1050 | EPA Submittal | 183 | 24-Oct-13 A | 25-Apr-14 A | | EPASubmitt | | | | | 5 5 5 5 5 5 5 5 | | | | | | | | | | | | | | | | | |
| | | | | | | | | Engineerin | Phone | | | | | | | | | | | | | | | | | | | |
| | ngineering Phase EPA Project Plan Approval | 181 | 25-Apr-14 A | 23-Oct-14 A 25-Apr-14 A | | | | Engineering | | | | | | | | | | | | | | | | | | | | |
| | Detailed Design | 1/6 | 25-Apr-14 A | | | | • | Design | | | | | | | : : : | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OR1110 | Public Document Repository | 33 | 19-Sep-14 A | 22-Oct-14 A | | | | Public Doc | ument Rep | pository | | | | | 8 | | | | | | | | | | | | | |
| OR1120 | EPASubmittal | 0 | 23-Oct-14 A | 23-Oct-14 A | | | | EPASub | mittal | | | | | | | | | | | | | | | | | | | |
| Task 3 - C | onstruction Bidding Phase | 944 | 23-Oct-14 A | 24-May-17 A | | | - | Task 3 - (| Constructio | on Bidding | Phase | | | | | | | | - | | | | | | | | | |
| | Critical Remaining | | | | | | | | | | - | | - | | | | | | | | | | | | | | | _ |
| | Actual Level of Effort Baseline Milestone | | | CHAT | TANOO | ја С | ON | SEN | I DE | CRE | :EP | RO | GR/ | AM | - PF | IAS | ЕI | | | | | | | | | | | |

| ID | Activity Name | At Completion Duration | | Finish | | 13 Q3 Q4 | | 2014 2 Q3 0 | Q4 Q1 | 2015 Q2 Q3 | Q4 Q1 | 2016 Q2 Q3 | Q4 0 | 2017 Q1 Q2 | Q3 Q4 0 | 20 Q1 Q2 | | | 019 Q3 Q4 | Q1 Q | 2 Q3 Q4 | 4 Q1 Q2 | Q3 Q4 | Q1 Q' | 2022 2 Q3 Q4 | Q1 Q2 |
|----------------------|--|---------------------------|----------------------------|-------------|------------------|-------------|---------------------------|----------------|--------------------|---------------|--------------|---------------|-------------|---------------|----------------|-------------|------------|-------------------------|--------------|--------------|--------------|------------------------|---------------|------------|-----------------|-------|
| OR1060 | EPA Detailed Design Approval | 0 | | 23-Oct-14 A | | | | | | PA Detailed | | | | | | | | | | | | | | | | |
| OR1180 | 3A - Bidding | 943 | 24-Oct-14 A | 24-Mav-17 A | | | | | <u>3A - Biddir</u> | ig | | | | | | | | | | | | | | | | |
| | - | | | | | | | | | | | | | Taral | 2. Canada | tion Dhao | | | | | | | | | | |
| | onstruction Phase 3B - Construction | | 25-May-17 A 25-May-17 A | | | | | | | | | | | 3B - | 3: Constructor | n enas | e | | | | | | | | | |
| | | | | | 2 2 2 2 | | | | | | | | | | 1 | | 4 O D | | | | | | | | | |
| | I Design Workshop Prepare and Conduct Workshop | | 19-Apr-18 A 19-Apr-18 A | | | | | | | | | | | | | · • • • • | | n Worksho nduct Work | 1 1 | | | | | | | |
| | | | | | | nlomontal | Environmo | | at | | | | | | | | | | | | | | | | | |
| ection V | II - Supplemental Environmental Project | | 18-Oct-12 A | | | | | | CL | | | | | | | | | | | | | | | | | |
| ara 31 - | Supplemental Environmental Project | 2083 | 18-Oct-12 A | 02-Jul-18 A | 31 - Supple | emental En | vironmental | Project | | | | | | | | | • | | | | | | | | | |
| Aqawela | Drive Stream Restoration | 2083 | 18-Oct-12 A | 02-Jul-18 A | ela Drive S | tream Res | toration | | | | | | | | | _ | • | | | | | | | | | |
| | Decree Duration (60 Months) | 1826 | 24-Apr-13 A | 24-Apr-18 A | Con | sent Decre | e Duration | (60 Month | hs) | | | | | | | _ | | | | | | | | | | |
| | Consent Decree Duration (60 Months) | | 24-Apr-13 A | | | | | | | | | | | | | | | | | | | | | | | |
| OS1040 | Consent Decree Duration Completion Milestone | 0 | | 24-Apr-18 A | | | | | | | | | | | | 0 | | D | | | | | | | | |
| | | | | | | | | | | | | | | | | ¢ | sent pecre | e Duration (| Jompieuon | Miestone | | | | | | |
| | ocurement CD Prequalification Procurement (FY 2012 - 2013) Priority I - Development and Issuance of RFP | | 18-Oct-12 A 18-Oct-12 A | | | | ment (FY 2 | 012 - 201 | 13) Priority | 1 - Developr | hent and Iss | suance of R | RFP | | | | | | | | | | | | | |
| | | | 02-Dec-12A | | - | | | | | | | | | | | | | | | | | | | | | |
| OS1090 | Consultant develops and Submit Scope and Cost proposal | | | | | | | | | | | | | | | | | | | | | | | | | |
| OS1100 | PMO Reviews/ Negotiates and Approve Proposal / Agreement | 10 | 12-Dec-12A | 21-Dec-12 A | MO Review | s/Negotiat | es and App | rove Prop | posal / Agr | eement | | | | | | | | | | | | | | | | |
| OS1110 | PMO Approved Agreement to Council for Approval | 18 | 22-Dec-12A | 08-Jan-13 A | MOApprov | (ed Agreen | nent to Cou | nçil for Ap | proval | | | | | | | | | | | | | | | | | |
| OS1120 | Consultant Signed Agreement to City for Execution | 14 | 09-Jan-13 A | 22-Jan-13 A | Consultant | Signed Ag | reement to | City for Ex | xecution | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Planning I OS1000 | Phase Planning Phase | | 24-Jan-13 A 24-Jan-13 A | | | | | | | | | | | | | | | | | | | | | | | |
| | - | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineeri OS1010 | | | 18-Oct-13 A 18-Oct-13 A | | | | gineering Ph gineering | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | ion Bidding Phase Construction Bidding Phase | | 25-Feb-16 A 25-Feb-16 A | | | | | | | | | onstruction | | | | | | | | | | | | | | |
| | - | | | | | | | | | | | | struction P | | | | | | | | | | | | | |
| | ion Phase Construction Phase | | 27-Jun-16 A 27-Jun-16 A | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Project Co | mpletion Re | nort | | | | | | | | | | |
| | ompletion Report SEP Completion Report | | 22-Feb-17 A 22-Feb-17 A | | | | | | | | | | | * | oletion Repo | | | | | | | | | | | |
| | | 40 | 17-May-18 A | 02.10140.4 | | | | | | | | | | | | FP | A and TDE | Approvals | | | | | | | | |
| | DEC Approvals Place Copy of EPA and TDEC Submittal in PDR | | 17-May-18 A 17-May-18 A | | | | | | | | | | | | | | | EPA and TI | | ttal in PDR | | | | | | |
| 081140 | | 20 | 18-May-18 A | 25 Jun 19 A | | | | | | | | | | | | FP | A Review a | nd Approva | | | | | | | | |
| 051140 | EPA Review and Approval | 30 | To-Way-To A | 20-Jun-16 A | | | | | | | | | | | | | | | | | | | | | | |
| OS1150 | TDEC Review and Approval | 38 | 18-May-18 A | 25-Jun-18 A | | | | | | | | | | | | ₽ | EC Réview | and Approv | /al | 1 | | | | | | |
| OS1160 | Submit Copy of Approved Deliverable in the PDR (within 7 days following Receipt of Approval by EPA) | 6 | 26-Jun-18 A | 02-Jul-18 A | | | | | | | | | | | | l | Submit Cop | y of Approv | ed Delivera | ble in the P | DR (within 7 | days fo ll owir | ng Receipt of | Approval I | y EPA) | |
| | - Reporting Requirement | 3964 | 24-Apr-13 A | 29-Feb-24 | Sect | ion IX - Re | porting Req | uirement | | | | | | | | | | | | | | | | | | |
| | | | 24-Apr-13 A | | | 38 - Ouer | terly Report | s | | | | | | | | | | | | | | | | | | |
| ara 38 - (| Quarterly Reports | 3935 | 24-Apr-13 A | 51-Jan-24 | | | | | | | | | | | | | | | | | | | | | | |
| Quarterl | y Reports | 3935 | 24-Apr-13 A | 31-Jan-24 | Qua | rterly Repo | orts | | | | | | | | | | | | | | | | +++ | + | | + |
| | Report - 2013 | | 24-Apr-13 A | | | rterly Repo | | | | | | | | | | | | | | | | | | | | |
| CR1000 | Quarterly Report Period 1 | 160 | 24-Apr-13 A | 30-Sep-13 A | Qua | rterly Repo | ort Period 1 | | | | | | | | | | | | | | | | | | | |
| CR1010 | Develop Quarterly Report | 30 | 30-Sep-13 A | 29-Oct-13 A | | Deve | elop Quarte | rly Report | t | | | | | | | | | | | | | | | | | |
| CR1040 | Quarterly Report Period 2 | 93 | 30-Sep-13 A | 31-Dec-13 A | | Qua | rterly Répor | t Period 2 | 2 | | | | | | | | | | | | | | | | | |
| | | | | | | | ıbmit Delive | | | FC | | | | | | | | | | | | | | | | |
| CR1020 | Submit Deliverable to EPA and TDEC | 1 | 30-Oct-13 A | 30-Oct-13 A | | J | | | | | | | | | | | | | | | | | | | | |
| | Summary Critical Remaining | | , | | | | | | | | · · · · · | | | | | · | | | . : | - i | | i | <u> </u> | <u> </u> | i | |
| | Summary Critical Remaining | | | CHAT | TANC |)0G | A CC | DNS | ENT | DEC | REE | E PRO | DGR | RAM | · PHA | \SE | 1 | | | | | | | | | |

| Activity Name | At Completion Start Duration | Finish | 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 01 02 03 04 01 0 |
|--|---------------------------------|-------------|---|
| R1030 Place Copy of EPA and TDEC Submittal in PDR | 1 30-Oct-13 A | 30-Oct-13 A | Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 <th< td=""></th<> |
| CR1050 Develop Quarterly Report | 28 01-Jan-14 A | 29-Jan-14 A | Develop Quarterly Report |
| CR1060 Submit Deliverable to EPA and TDEC | 0 30-Jan-14 A | 30-Jan-14 A | Submit Deliverable to EPA and TDEC |
| CR1070 Place Copy of EPA and TDEC Submittal in PDR | 0 10-Feb-14 A | 10-Feb-14 A | Place Copy of EPA and TDEC Submittal in PDR |
| | 390 01-Jan-14 A | | |
| Quarterly Report - 2014 CR1080 Quarterly Report Period 3 | 89 01-Jan-14 A | | |
| CR1090 Develop Quarterly Report | 27 01-Apr-14 A | 28-Apr-14 A | Develop Quarterly Report |
| CR1120 Quarterly Report Period 4 | 90 01-Apr-14 A | 30-Jun-14 A | Quarterly Report Period 4 |
| CR1100 Submit Deliverable to EPA and TDEC | 0 29-Apr-14 A | 29-Apr-14 A | |
| | | | |
| CR1110 Place Copy of EPA and TDEC Submittal in PDR | 0 29-Apr-14 A | | |
| CR1130 Develop Quarterly Report | 28 30-Jun-14 A | 28-Jul-14 A | Develop Quarterly Report |
| CR1160 Quarterly Report Period 5 | 91 01-Jul-14 A | 30-Sep-14 A | Quarterly Report Period;5 |
| CR1140 Submit Deliverable to EPA and TDEC | 0 29-Jul-14 A | 29-Jul-14 A | Submit Deliverable to EPA and TDEC |
| CR1150 Place Copy of EPA and TDEC Submittal in PDR | 0 29-Jul-14 A | 29-Jul-14 A | Place Copy of EPA and TDEC Submittal in PDR |
| CR1170 Develop Quarterly Report | 29 30-Sep-14 A | 29-Oct-14 A | Develop Quarterly Report |
| CR1200 Quarterly Report Period 6 | 91 01-Oct-14 A | 31-Dec-14 A | Quarterly Report Period 6 |
| CR1180 Submit Deliverable to EPA and TDEC | 0 29-Oct-14 A | 29-Oct-14 A | Submit Deliverable to EPA and TDEC |
| CR1190 Place Copy of EPA and TDEC Submittal in PDR | 0 29-Oct-14 A | 29-Oct-14 A | Place Copy of EPA and TDEC Submittal in PDR |
| CR1210 Develop Quarterly Report | 26 31-Dec-14A | | Develop Quarterly Report |
| | | | |
| CR1220 Submit Deliverable to EPA and TDEC | 0 26-Jan-15 A | | |
| CR1230 Place Copy of EPA and TDEC Submittal in PDR | 0 26-Jan-15 A | 26-Jan-15 A | Place Copy of EPA and TDEC Submittal'in PDR |
| Quarterly Report - 2015 | 395 01-Jan-15 A | | Quarked Decent Particular |
| CR1240 Quarterly Report Period 7 | 89 01-Jan-15 A | | |
| CR1250 Develop Quarterly Report 7 | 27 01-Apr-15 A | | |
| CR1280 Quarterly Report Period 8 | 90 01-Apr-15 A | 30-Jun-15 A | |
| CR1260 Submit Deliverable to EPA and TDEC | 0 29-Apr-15 A | 29-Apr-15 A | Submit Deliverable to EPA and TDEC |
| CR1270 Place Copy of EPA and TDEC Submittal in PDR | 0 30-Apr-15 A | 30-Apr-15 A | Place Copy of EPA and TDEC Submittal in PDR |
| CR1290 Develop Quarterly Report 8 | 29 01-Jul-15A | 29-Jul-15 A | Develop Quarterly Report 8 |
| CR1320 Quarterly Report Period 9 | 91 01-Jul-15 A | 30-Sep-15 A | Quarterly Report Period 9 |
| CR1300 Submit Deliverable to EPA and TDEC | 0 30-Jul-15A | 30-Jul-15 A | Submit Deliverable to EPA and TDEC |
| CR1310 Place Copy of EPA and TDEC Submittal in PDR | 0 31-Jul-15 A | 31-Jul-15 A | Place Copy of EPA and TDEC Submittal in PDR |
| CR4210 Develop Quarterly Report 9 | 28 01-Oct-15 A | | Develop Quarterly Report 9 |
| | | | |
| CR4240 Quarterly Report Period 10 | 91 01-Oct-15 A | | |
| CR4220 Submit Deliverable to EPA and TDEC | 0 30-Oct-15 A | 30-Oct-15 A | Submit Deliverable to EPA and TDEC |
| CR4230 Place Copy of EPA and TDEC Submittal in PDR | 0 31-Oct-15 A | 31-Oct-15 A | Plade Copy of EPA and TDEC Submittal in PDR |
| CR4250 Develop Quarterly Report 10 | 27 01-Jan-16 A | 28-Jan-16 A | Develop Quarterly Report 10 |
| CR4260 Submit Deliverable to EPA and TDEC | 0 29-Jan-16 A | 29-Jan-16 A | Submit Deliverable to EPA and TDEC |

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Critical Remaining... Actual Level of Effort 🔶 Baseline Milestone

Summary

Remaining Work

Actual Work

| Activity Name | At Completion Start Duration | | 4 2015 2016 2017 2018 2019 2020 2021 2022 2022 Q3 Q4 Q1 Q2 Q3 Q4 Q1 < |
|--|--|-------------|---|
| 4270 Place Copy of EPA and TDEC Submittal in PDR | 0 31-Jan-16 A 3 | | Place Copy of EPA and TDEC Submittal in PDR |
| rterly Report - 2016 | 396 01-Jan-16 A 3 | 1-Jan-17 A | Quarterly Report - 2016 |
| Quarterly Report Period 11 | 90 01-Jan-16 A 3 | 1-Mar-16 A | Quarterly Report Period 11 |
| 8330 Develop Quarterly Report 11 | 27 01-Apr-16 A 2 | 7-Apr-16 A | Develop Quarterly Report 11 |
| R8360 Quarterly Report Period 12 | 90 01-Apr-16 A 3 | 0-Jun-16 A | Quarterly Report Period 12 |
| CR8340 Submit Deliverable to EPA and TDEC | 0 28-Apr-16 A 2 | 8-Apr-16 A | Submit Deliverable to EPA and TDEC |
| CR8350 Place Copy of EPA and TDEC Submittal in PDR | 0 29-Apr-16 A 2 | 9-Apr-16 A | Place Copy of EPA and TDEC Submittal in PDR |
| CR8370 Develop Quarterly Report 12 | 28 01-Jul-16 A 2 | '9-Jul-16 A | Develop Quarterly Report 12 |
| CR8400 Quarterly Report Period 13 | 92 01-Jul-16A 3 | 0-Sep-16 A | Quarterly Report Period 13 |
| CR8380 Submit Deliverable to EPA and TDEC | 0 30-Jul-16 A 3 | 0-Jul-16 A | Submit Deliverable to EPA and TDEC |
| CR8390 Place Copy of EPA and TDEC Submittal in PDR | 0 31-Jul-16 A 3 | | Place Copy of EPA and TDEC Submittatin PDR |
| | 30 01-Oct-16 A 3 | | Develop Quarterly Report 13 |
| CR8410 Develop Quarterly Report 13 | | | Quarterly Report Period 14 |
| CR8440 Quarterly Report Period 14 | 91 01-Oct-16 A 3 | | |
| CR8430 Place Copy of EPA and TDEC Submittal in PDR | 0 31-Oct-16 A 3 | 1-Oct-16 A | Place Copy of EPA and TDEC Submittat in PDR |
| CR8420 Submit Deliverable to EPA and TDEC | 0 31-Oct-16 A 3 | 1-Oct-16 A | Submit Deliverable to EPA and TDEC |
| CR8450 Develop Quarterly Report 14 | 30 01-Jan-17 A 3 | 1-Jan-17 A | Develop Quarteriv Report 14 |
| CR8460 Submit Deliverable to EPA and TDEC | 0 31-Jan-17 A 3 | 1-Jan-17 A | Submit Deliverable to EPA and TDEC |
| CR8470 Place Copy of EPA and TDEC Submittal in PDR | 0 31-Jan-17 A 3 | 1-Jan-17 A | Place Copy of EPA and TDEC Submittal in PDR |
| Quarterly Report - 2017 | 393 01-Jan-17 A 2 | 9-Jan-18 A | Quarterly Réport 2017 |
| CR8480 Quarterly Report Period 15 | 89 01-Jan-17 A 3 | 1-Mar-17 A | Ouarterly Report Period 15 |
| CR8490 Develop Quarterly Report 15 | 26 01-Apr-17 A 2 | 7-Apr-17 A | Develop Quarterly Report 15 |
| CR8520 Quarterly Report Period 16 | 90 01-Apr-17 A 3 | 0-Jun-17 A | Quarterly Report Period 16 |
| CR8500 Submit Deliverable to EPA and TDEC | 0 27-Apr-17 A 2 | 7-Apr-17 A | Submit Deliverable to EPA and TDEC |
| CR8510 Place Copy of EPA and TDEC Submittal in PDR | 0 27-Apr-17 A 2 | 7-Apr-17 A | Place Copy of EPA and TDEC Submittalin PDR |
| CR8530 Develop Quarterly Report 16 | 30 01-Jul-17 A 3 | 11-Jul-17A | Develop Quarterly Report 16 |
| CR8560 Quarterly Report Period 17 | 91 01-Jul-17A 3 | 0-Sep-17 A | Quarterly Report Period 17 |
| CR8540 Submit Deliverable to EPA and TDEC | 0 31-Jul-17A 3 | 11-Jul-17A | Submit Deliverable to EPA and TDEC |
| CR8550 Place Copy of EPA and TDEC Submittal in PDR | 0 31-Jul-17A 3 | 11-Jul-17A | Place Copy of EPA and TDEC Submittal in PDR |
| CR8570 Develop Quarterly Report 17 | 23 01-Oct-17 A 2 | 4-Oct-17 A | Develop Quarterly Report 17 |
| CR8600 Quarterly Report Period 18 | | | Quarterly Report Period 18 |
| | 91 01-Oct-17 A 3 | | Submit Deliverable to EPA and TDEC |
| CR8580 Submit Deliverable to EPA and TDEC | 0 25-Oct-17 A 2 | | |
| CR8590 Place Copy of EPA and TDEC Submittal in PDR | 0 25-Oct-17 A 2 | | Place Copy of EPA and TDEC Submittalin PDR |
| CR8610 Develop Quarterly Report 18 | 27 01-Jan-18 A 2 | 8-Jan-18 A | Develop Quarterly Report 18 |
| | 0 29-Jan-18 A 2 | 9-Jan-18 A | Submit Deliverable to EPA and TDEC |
| CR8620 Submit Deliverable to EPA and TDEC | | | Place Copy of EPA and TDEC Submittat in PDR |
| | 0 29-Jan-18 A 2 | 9-Jan-18 A | |
| CR8620 Submit Deliverable to EPA and TDEC CR8630 Place Copy of EPA and TDEC Submittal in PDR Quarterly Report - 2018 | 0 29-Jan-18 A 2 394 01-Jan-18 A 3 89 01-Jan-18 A 3 | 0-Jan-19 A | Quarterly Report - 2018 Quarterly Report Period 19 |

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Summary Actual Level of Effort \blacklozenge

Actual Work

Remaining Work

Critical Remaining... Baseline Milestone

| Activity ID | Activity Name | At Completion Duration | Start | Finish | 01 | 20 | 13 Q3 | 04 | 01 | 201 | 4 Q3 (| 04 0 | | 2015 | 04 | 01 | 2016 | 4 01 | | 17 Q3 | 04 0 | | 2018 | | 4 4 | 01 4 | 201 | |
|-------------|---|---------------------------|-------------|-------------|----|----|----------|-----|----|-----|-----------|------|---|------|-----|----------|----------|------|--|----------|------|-----|-----------|--------|---------|----------------|--------|---------|
| CR8650 | Develop Quarterly Report 19 | 28 | 01-Apr-18 A | 29-Apr-18 A | | w. | QU | Q.T | Q. | QL. | | | | . 40 | Get | <u> </u> | <u> </u> | · . | 42 | | | Dev | /elop C | Juarte | erly R | eport | 19 | QU |
| CR8680 | Quarterly Report Period 20 | 90 | 01-Apr-18 A | 30-Jun-18 A | | | | | | | | | | | | | | | | | | Qua | arterly F | Repo | ort Pe | riod 2(| 0 | |
| CR8660 | Submit Deliverable to EPA and TDEC | 0 | 30-Apr-18 A | 30-Apr-18 A | | | | | | | | | 8 | | | | | | | | | Su | ubmit E | Delive | ərable | e to EF | Ъar | ıd T |
| CR8670 | Place Copy of EPA and TDEC Submittal in PDR | 0 | 30-Apr-18 A | 30-Apr-18 A | | | | | | | | | | | | | | | | | | Pi | lace Co | opy c | of EPA | ۰ and | TDE | сs |
| CR8690 | Develop Quarterly Report 20 | 28 | 01-Jul-18 A | 29-Jul-18 A | | | | | | | | | | | | | | | | | | | Dev | elop | Quar | rterly R | (epo | rt 20 |
| CR8720 | Quarterly Report Period 21 | 91 | 01-Jul-18 A | 30-Sep-18 A | | | | | | | | | | | | | | | - - | | | | Qua | rterly | ' Rep | oort Pe | riod | 21 |
| CR8700 | Submit Deliverable to EPA and TDEC | 0 | 30-Jul-18 A | 30-Jul-18 A | | | | | | | | | 8 8 8 | | | | | | 8 8 8 8 8 8 8 8 | | | | Su | ıbmit | Deliv | verable | ∍ to E | EPA |
| CR8710 | Place Copy of EPA and TDEC Submittal in PDR | 0 | 31-Jul-18 A | 31-Jul-18 A | | | | | | | | | 8 | | | | | | 2 9 2 2 2 2 3 2 3 2 3 3 3 3 3 3 3 3 3 3 | | | 8 | Pk I | ace C | Copy / | of EPA | ۱anc | 1 TE |
| CR8730 | Develop Quarterly Report 21 | 29 | 01-Oct-18 A | 30-Oct-18 A | | | | | | | | | 8 | | | | | | | | | 8 | | De | velop | o Quar | terly | Re |
| CR8760 | Quarterly Report Period 22 | 91 | 01-Oct-18 A | 31-Dec-18 A | | | | | | | | | | | | | | | | | | | | Qu | arterț | ly Rep | ort P | 'erio |
| CR8740 | Submit Deliverable to EPA and TDEC | 0 | 31-Oct-18 A | 31-Oct-18 A | | | | | | | | | | | | | | | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | | | | s I | Jubmi | iit Deliv | rerab |)le t |
| CR8750 | Place Copy of EPA and TDEC Submittal in PDR | 0 | 31-Oct-18 A | 31-Oct-18 A | | | 8 | | | | | | 8 | | | | | | 2 | | | 8 | | P | 'lace ' | Сору | ofEl | PAa |
| CR8770 | Develop Quarterly Report 22 | 28 | 01-Jan-19 A | 29-Jan-19 A | | | | | | | | | 8 8 8 | | | | | | 8 | | | 8 | | | De | evelop |) Qua | arte |
| CR8780 | Submit Deliverable to EPA and TDEC | 0 | 30-Jan-19 A | 30-Jan-19 A | | | | | | | | | 8 8 8 | | | | | | 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | | | 8 | | 8 | i | Submi | it De | live |
| CR8790 | Place Copy of EPA and TDEC Submittal in PDR | 0 | 30-Jan-19 A | 30-Jan-19 A | | | | | | | | | 8 8 8 | | | | | | | | | | | | 1 | Place | Cop | y of |
| Quarter | y Report - 2019 | 395 | 01-Jan-19 A | 31-Jan-20 A | | | | | | | | | | | | | | | | | | | | | - | uarterl | · · | |
| CR8800 | Quarterly Report Period 23 | 89 | 01-Jan-19 A | 31-Mar-19 A | | | | | | | | | | | | | | | | | | | | | QL | uarteri | y Re | por: |
| CR8810 | Develop Quarterly Report 23 | 29 | 01-Apr-19 A | 30-Apr-19 A | | | 8 | | | | | | 8 | | | | | | 2 | | | 8 | | 8 | | De | evelo | эр G |
| CR8840 | Quarterly Report Period 24 | 90 | 01-Apr-19 A | 30-Jun-19 A | | | | | | | | | | | | | | | | | | | | | | <mark>0</mark> | uarte | rly l |
| CR8820 | Submit Deliverable to EPA and TDEC | 0 | 30-Apr-19 A | 30-Apr-19 A | | | | | | | | | 8 8 8 | | | | | | | | | | | 8 | | ļ | Subr | nit E |
| CR8830 | Place Copy of EPA and TDEC Submittal in PDR | 0 | 30-Apr-19 A | 30-Apr-19 A | | | | | | | | | 8 | | | | | | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | | 8 | | | | 1 | Place | e Co |
| CR8850 | Develop Quarterly Report 24 | 30 | 01-Jul-19 A | 31-Jul-19 A | | | | | | | | | | | | | | | | | | - | | | | | ſ | Dev |
| CR8880 | Quarterly Report Period 25 | 91 | 01-Jul-19 A | 30-Sep-19 A | | | | | | | | | 8 | | | | | | | | | | | | | | ſ | Qua |
| CR8860 | Submit Deliverable to EPA and TDEC | 0 | 31-Jul-19 A | 31-Jul-19 A | | | | | | | | | | | | | | | | | | | | | | | | Sı I |
| CR8870 | Place Copy of EPA and TDEC Submittal in PDR | 0 | 31-Jul-19 A | 31-Jul-19 A | | | | | | | | | | | | | | | | | | | | | | | | PI |
| CR8890 | Develop Quarterly Report 25 | 28 | 01-Oct-19 A | 29-Oct-19 A | | | | | | | | | 8 8 8 | | | | | | | | | | | | | | | |
| CR8920 | Quarterly Report Period 26 | 91 | 01-Oct-19 A | 31-Dec-19 A | | | | | | | | | | | | | | | | | | | | | | | | |
| CR8900 | Submit Deliverable to EPA and TDEC | 0 | 29-Oct-19 A | 29-Oct-19 A | | | | | | | | | | | | | | | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | | | | | | | | |
| CR8910 | Place Copy of EPA and TDEC Submittal in PDR | 0 | 29-Oct-19 A | 29-Oct-19 A | | | | | | | | | | | | | | | | | | | | | | | | |
| CR8930 | Develop Quarterly Report 26 | 30 | 01-Jan-20 A | 31-Jan-20 A | | | | | | | | | 8 8 8 | | | | | | | | | | | 8 | | | | |
| CR8940 | Submit Deliverable to EPA and TDEC | 0 | 31-Jan-20 A | 31-Jan-20 A | | | | | | | | | | | | | | | | | | 8 | | | | | | |
| CR8950 | Place Copy of EPA and TDEC Submittal in PDR | 0 | 31-Jan-20 A | 31-Jan-20 A | | | | | | | | | | | | | | | | | | | | | | | | |
| Quarteri | y Report - 2020 | 396 | 01-Jan-20 A | 31-Jan-21 A | | | | | | | | | | | | | | | | | | | | | | | | |
| CR82640 | Quarterly Report Period 27 | 90 | 01-Jan-20 A | 31-Mar-20 A | | | | | | | | | 8 | | | | | | 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | | | | | | | | | |
| CR82650 | Develop Quarterly Report 27 | 29 | 01-Apr-20 A | 30-Apr-20 A | | | | | | | | | 8 8 8 | | | | | | * 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | | | 8 | | | | | | |
| CR82660 | Quarterly Report Period 28 | 90 | 01-Apr-20 A | 30-Jun-20 A | | | | | | | | | 8 | | | | | | | | | | | | | | | |
| CR82670 | Submit Deliverable to EPA and TDEC | 0 | 30-Apr-20 A | 30-Apr-20 A | | | 1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | - | | | | | | | | | | | | | | - | | . 1 | | | | | | | | |

Critical Remaining.. Actual Level of Effort 🔶 Baseline Milestone

Summary

Actual Work

Remaining Work

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

Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 d TDEC Submittal in PDR t 20 PA and TDEC TDEC Submittal in PDR Report 21 eriod 22 le to EPA and TDEC A and TDEC Submittal in PDR rterly Report 22 verable to EPA and TDEC of EPA and TDEC Submittal in PDR oort - 2019 port Period 23 p Quarterly Report 23 rly Report Period 24 nit Deliverable to EPA and TDEC Copy of EPA and TDEC Submittal in PDR evelop Quarterly Report 24 Quarterly Report Period 25 Submit Deliverable to EPA and TDEC Place Copy of EPA and TDEC Submittal in PDR Develop Quarterly Report 25 Quarterly Report Period 26 Submit Deliverable to EPA and TDEC Place Copy of EPA and TDEC Submittal in PDR Develop Quarterly Report 26 Submit Deliverable to EPA and TDEC Place Copy of EPA and TDEC Submittal in I Quarterly Report - 2020 Quarterly Report Period 27 Develop Quarterly Report 27 Quarterly Report Period 28 Submit Deliverable to EPA and TDEC

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| Activity Name | At Completion Duration | Start | Finish | 2013 Q1 Q2 Q3 Q | 1 01 01 | | 01 02 | 015 | 201 | 03 04 | 01 02 | | 01 02 | 03 04 0 | | 2020 | 1 01 0 | 2021 | | 202 |
|--|---------------------------|--------------------------|------------------------|--------------------|---------|-----------------------|-------|---------------------|-----|---|---|-----------------------|-------|---------|-----------------|-------------------------|-----------------|-------------------------|----------------|------|
| 82680 Place Copy of EPA and TDEC Submittal in PDR | | 0-Apr-20 A | 30-Apr-20 A | | + ui u2 | <u>u</u> 3 <u>U</u> 4 | Q1 Q2 | <u>4</u> 3 <u>4</u> | | Q3 Q4 | | <u>4</u> 3 <u>4</u> 4 | | Q3 Q4 (| <u>x1 Q2 Q3</u> | Q2 Q3 Q Place Copy o | of EPA and T | DEC Subr | ittal in PDR | 4 |
| 2690 Develop Quarterly Report 28 | 30 0 |)1-Jul-20 A | 31-Jul-20 A | | | | | | | 8 8 8 | | | | | | Develop | Quarterly Re | eport 28 | | |
| | | | | | | | | | | | | | | | | | | | | |
| R82700 Quarterly Report Period 29 | |)1-Jul-20 A | | | | | | | | 8 8 8 8 8 | | | | | | | y Report Peri | | | |
| R82710 Submit Deliverable to EPA and TDEC | 0 3 | 31-Jul-20 A | 31-Jul-20 A | | | | | | | 8 8 8 | | | | | | Submit | t Deliverable 1 | to EPA and | TDEC | |
| R82720 Place Copy of EPA and TDEC Submittal in PDR | 0 3 | 31-Jul-20 A | 31-Jul-20 A | | | | | | | 8 | | | | | | Place C | Copy of EPA a | and TDEC | Submittal in F | ۶D |
| R82730 Develop Quarterly Report 29 | 28 0 | 1-Oct-20 A | 29-Oct-20 A | | | | | | | | | | | | | De | evelop Quarte | erly Repor | 29 | |
| R82740 Quarterly Report Period 30 | 91 0 | 1-Oct-20 A | 31-Dec-20 A | | | | | | | 8 8 8 | | | | | | Qu | uarterly Repo | rt Period 3 | D | |
| | | | | | | | | | | 8 | | | | | | | Submit Delive | | | |
| R82750 Submit Deliverable to EPA and TDEC | 0 2 | 29-Oct-20 A | 29-0Ct-20 A | | | | | | | 8 | | | | | | | | | | |
| R82760 Place Copy of EPA and TDEC Submittal in PDR | 0 2 | 29-Oct-20 A | 29-Oct-20 A | | | | | | | - - | | | | | | P | Place Copy o | f EPA and | TDEC Submi | tal |
| R82770 Develop Quarterly Report 30 | 30 0 | 1-Jan-21 A | 31-Jan-21 A | | | | | | | 8 | | | | | | | Develop (| Quarterly F | eport 30 | |
| R82780 Submit Deliverable to EPA and TDEC | 0 3 | 1-Jan-21 A | 31-Jan-21 A | | | | | | | 8 8 8 8 8 8 | | | | | | | Submit | Deliverabl | e to EPA and | тс |
| R82790 Place Copy of EPA and TDEC Submittal in PDR | 0 3 | 1-Jan-21 A | 31-Jan-21 A | | | | | | | 8 | | | | | | | Place (| Copy of EP | A and TDEC S | Su |
| | | | | | | | | | | 8 8 8 8 8 8 | | | | | | | | | | |
| Iarterly Report - 2021 R82320 Quarterly Report Period 31 | | 1-Jan-21 A 1-Jan-21 A | | | | | | | | 8 | | | | | | | Quarterly | Report - 2 Report Pe | | |
| R82330 Develop Quarterly Report 31 | | 1-Apr-21 A | | | | | | | | 8 8 8 8 8 | | | | | | | | | terly Report 3 | 31 |
| | | | | | | | | | | 8 | 8 | | | | | | | | | |
| R82340 Quarterly Report Period 32 | 90 0 | 1-Apr-21 A | 30-Jun-21 A | | | | | | | 8 8 8 8 8 8 | | | | | | | | arterly Rep | ort Period 32 | |
| R82350 Submit Deliverable to EPA and TDEC | 0 3 | 0-Apr-21 A | 30-Apr-21 A | | | | | | | | | | | | | | s | ubmit Deli | erable to EP/ | ٩a |
| R82360 Place Copy of EPA and TDEC Submittal in PDR | 0 3 | 0-Apr-21 A | 30-Apr-21 A | | | | | | | 8 8 8 8 8 | | | | | | | P | lace Copy | of EPA and T | DE |
| R82370 Develop Quarterly Report 32 | 30 0 |)1-Jul-21 A | 31-Jul-21 A | | | | | | | 8 | | | | | | | | Develor | Quarterly Re | эро |
| R82380 Quarterly Report Period 33 | |)1-Jul-21 A | | | | | | | | 8 8 8 8 8 | | | | | | | | | y Report Peri | |
| | | | | | | | | | | 8 | | | | | | | | | | |
| R82390 Submit Deliverable to EPA and TDEC | 0 3 | 31-Jul-21 A | 31-Jul-21 A | | | | | | | | | | | | | | | | it Deliverable | |
| R82400 Place Copy of EPA and TDEC Submittal in PDR | 0 3 | 81-Jul-21 A | 31-Jul-21 A | | | | | | | 8 8 8 8 | 5 5 7 8 | | | | | | | Place | Copy of EPA | a |
| R82410 Develop Quarterly Report 33 | 30 0 | 1-Oct-21 A | 31-Oct-21 A | | | | | | | 0 0 0 0 0 0 0 0 0 | | | | | | | | P | evelop Quarte | ərł |
| R82800 Quarterly Report Period 34 | 92 0 | 1-Oct-21 A | 31-Dec-21 | | | | | | | 8 | | | | | | | | Q | uarterly Repo | ort |
| R82420 Submit Deliverable to EPA and TDEC | 0.3 | 1-Oct-21 A | 31-Oct-21 A | | | | | | | - | | | | | | | | | Submit Delive | ər |
| | | | | | | | | | | 8 8 8 8 8 | 2 2 2 2 2 2 2 2 3 | | | | | | | | | |
| R82430 Place Copy of EPA and TDEC Submittal in PDR | 0 3 | 1-Oct-21 A | 31-Oct-21 A | | | | | | | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | | | | | | Place Copy o | |
| R82810 Develop Quarterly Report 34 | 30 | 01-Jan-22 | 30-Jan-22 | | | | | | | 8 | | | | | | | | | Develop | Qu |
| R82820 Submit Deliverable to EPA and TDEC 34 | 0 | 31-Jan-22 | 31-Jan-22 | | | | | | | 8 8 8 | | | | | | | | | Submit | D, |
| R82830 Place Copy of EPA and TDEC Submittal in PDR 34 | 0 | 31-Jan-22 | 31-Jan-22 | | | | | | | 8 8 8 8 8 | | | | | | | | | Place C | Sol |
| arterly Report - 2022 | 396 | 01-Jan-22 | 31-Jan-23 | | | | | | | - - | | | | | | | | | Quarterly | ∠R |
| Iarterly Report - 2022 R82200 Quarterly Report Period 35 | | | 31-Jan-23 31-Mar-22 | | 8 | | | | | 8 | 2 2 2 2 | | | | | | | | Quarterly | |
| R82210 Develop Quarterly Report 35 | 29 | 01-Apr-22 | 29-Apr-22 | | | | | | | 0 0 0 0 0 0 0 | | | | | | | | | De | vel |
| | | | | | | | | | | 8 | | | | | | | | | | |
| R82220 Quarterly Report Period 36 | 91 | 01-Apr-22 | 30-Jun-22 | | | | | | | 8 8 8 | | | | | | | | | | |
| R82230 Submit Deliverable to EPA and TDEC 35 | 0 | 30-Apr-22 | 30-Apr-22 | | | | | | | | | | | | | | | | S I | Sub |
| R82240 Place Copy of EPA and TDEC Submittal in PDR 35 | 0 | 30-Apr-22 | 30-Apr-22 | | | | | | | 8 8 8 8 8 | | | | | | | | | P | Plac |
| R82250 Develop Quarterly Report 36 | 30 | 01-Jul-22 | 30-Jul-22 | | | | | | | 8 | | | | | | | | | | |
| R82260 Quarterly Report Period 37 | 02 | 01-Jul-22 | 30-Sep-22 | | | | | | | 8 8 8 8 8 | | | | | | | | | | |

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Summary Critical Remaining.. Actual Level of Effort \blacklozenge \blacklozenge Baseline Milestone

Actual Work

Remaining Work

| | Duration | | | Q2 Q3 | Q4 C | Q1 Q2 C | Q3 Q4 | Q1 Q2 | Q3 Q4 | 4 Q1 | Q2 Q3 | 3 Q4 | Q1 Q2 | 2 Q3 | Q4 Q1 | Q2 | Q3 Q4 | Q1 Q | 2 Q3 | Q4 C | 1 Q2 | Q3 Q4 | Q1 (| Q2 Q3 | Q4 Q1 | Q2 Q3 | Q4 Q1 | Q2 |
|--|-------------------------------|---------------|---|---|-----------|--------------|--------------|----------------------------|-------------|------|-------|---|-------|------|-------|----|-------|------|------|------|------|-------|------|-------|-------|------------|------------------|---------|
| R82270 Submit Deliverable to EPA and TDEC 36 | 0 31-Jul-22 | 31-Jul-22 | | | | | | | | | | | | | | | | | | | | | | | | | it Deliverat | |
| R82280 Place Copy of EPA and TDEC Submittal in PDR 36 | 0 31-Jul-22 | 31-Jul-22 | | | | | | | | | | | | | | | | | | | | | | | | Place I | Copy of El | 3PA ar |
| CR82290 Develop Quarterly Report 37 | 30 01-Oct-22 | 30-Oct-22 | 2 | | | | | | | | | - | | | | | | | | | | | | | | F | evelop Qua | tarterl |
| CR82840 Quarterly Report Period 38 | 92 01-Oct-22' | 31-Dec-22 | 2 | | | | | | | | | | | | | | | | | | | | | | | ç | uarterly Re | eport |
| CR82300 Submit Deliverable to EPA and TDEC 37 | 0 31-Oct-22 | 31-Oct-22 | : | | | | | - | | | | - | | | | | | | | | | | | | | | Submit De | elivera |
| CR82310 Place Copy of EPA and TDEC Submittal in PDR 37 | 0 31-Oct-22 | 31-Oct-22 | - | | | | | | | | | | | | | | | | | | | | | | | | Place Cop | py of |
| CR82850 Develop Quarterly Report 38 | 31 01-Jan-23 | 31-Jan-23 | 3 | | | | | | | | | | | | | | | | | | | | | | | | Devek | lop Q |
| CR82860 Submit Deliverable to EPA and TDEC 38 | 0 31-Jan-23 | 31-Jan-23 | 3 | 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | | | | | | | | | | | | | | | | | | | | | | | Subi | bmit D |
| CR82870 Place Copy of EPA and TDEC Submittal in PDR 38 | 0 31-Jan-23 | | | | | | | | | | | - | | | | | | | | | | | | | | | Plac | ace Co |
| | | | | | | | | - | | | | | | | | | | | | | | | | | | | | |
| Quarterly Report - 2023 CR82880 Quarterly Report Period 39 | 396 01-Jan-23 90 01-Jan-23 | | | 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | | | | | | | | | | | | | | | | | | | | | | | Quarte Quarte | |
| CR82890 Develop Quarterly Report 39 | 29 01-Apr-23 | 29-Apr-23 | | | | | | - | | | | | | | | | | | | | | | | | | | | Deve |
| | | | | | | | | - | | | | | | | | | | | | | | | | | | | | |
| CR82900 Quarterly Report Period 40 | 91 01-Apr-23 | | | | | | | | | | | | | | | | | | | | | | | | | | | Quar |
| CR82910 Submit Deliverable to EPA and TDEC 39 | 0 30-Apr-23 | 30-Apr-23 | 8 | | | | | | | | | 8 | | | | | | | | | | | | | | | | Su I |
| CR82920 Place Copy of EPA and TDEC Submittal in PDR 39 | 0 30-Apr-23 | 30-Apr-23 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | Pla |
| CR82930 Develop Quarterly Report 40 | 30 01-Jul-23 | 30-Jul-23 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CR82940 Quarterly Report Period 41 | 92 01-Jul-23 | 30-Sep-23 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CR82950 Submit Deliverable to EPA and TDEC 40 | 0 31-Jul-23 | 31-Jul-23 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CR82960 Place Copy of EPA and TDEC Submittal in PDR 40 | 0 31-Jul-23 | 31-Jul-23 | | 2 2 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | | | | 2 2 2 2 2 | | | | 1 1 1 1 1 1 | | | | | | | | | | | | | | | | |
| CR82970 Develop Quarterly Report 41 | 30 01-Oct-23 | 30-Oct-23 | | 5 5 5 5 5 5 7 5 7 7 7 7 7 7 7 7 7 7 7 7 | | | | | | | | 2 2 2 2 2 | | | | | | | | | | | | | | | | |
| CR82980 Quarterly Report Period 42 | 92 01-Oct-23' | 31-Dec-23 | 3 | 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | | | | | | | | | | | | | | | | | | | | | | | | |
| CR82990 Submit Deliverable to EPA and TDEC 41 | 0 31-Oct-23 | | | | | | | | | | | - | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CR83000 Place Copy of EPA and TDEC Submittal in PDR 41 | | 31-Oct-23 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CR83010 Develop Quarterly Report 42 | 31 01-Jan-24 | 31-Jan-24 | + | | | | | | | | | | | | | | | | | | | | | | | | | |
| CR83020 Submit Deliverable to EPA and TDEC 42 | 0 31-Jan-24 | 31-Jan-24 | ł | | | | | | | | | | | | | | | | | | | | | | | | | |
| CR83030 Place Copy of EPA and TDEC Submittal in PDR 42 | 0 31-Jan-24 | 31-Jan-24 | ł | | | | | | | | | | | | | | | | | | | | | | | | | |
| ara 39 - Semi Annual Reports | 3934 24-Apr-137 | A 31-Jan-24 | | Para 39 - | SemiAnn | ual Reports | 5 | | | | | - | | | | | | | | | | | | | | | | |
| Semi Annual Reports | 3934 24-Apr-137 | A 31-Jan-24 | | SemiAnn | ual Repor | rts | | | | | | | | | | | | | | | | | | | | | | |
| Semi-Annual Report - 2013 | 292 24-Apr-137 | A 10-Feb-14 A | A | Semi⊦Anr | uual Repo | rt - 2013 | | - | | | | | | | | | | | | | | 8 | | | | | | |
| CR4000 SemiAnnual Report Period 1 | 252 24-Apr-13 | A 31-Dec-13 A | A | SemiAnn | ual Repor | rt Period 1 | | 2 2 2 2 2 2 | | | | 2 2 2 2 2 2 2 2 2 | | | | | | | | | | 8 | | | | | | |
| CR4010 Develop SemiAnnual Report | 28 01-Jan-14 | A 29-Jan-14 A | A | | De | velop Semi | Annual Rep | port | | | | - | | | | | | | | | | | | | | | | |
| CR4020 Submit Deliverable to EPA and TDEC | 0 30-Jan-14 | A 30-Jan-14 A | A | . 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | | Submit Deliv | erable to El | PA and TI | DEC | | | - | | | | | | | | | | | | | | | | |
| CR4030 Place Copy of EPA and TDEC Submittal in PDR | 0 10-Feb-14 | A 10-Feb-14 A | A | | | Place Copy | of EPA and | I TDEC S | ubmittal in | PDR | | 8 | | | | | | | | | | | | | | | | |
| Semi-Annual Report - 2014 | 392 01-Jan-14 | A 28-Jan-15 A | A | | Se | mi-Annual F | Report - 201 | 14 | | | | | | | | | | | | | | | | | | | | |
| CR4040 SemiAnnual Report Period 2 | 180 01-Jan-14 | | | | Se | miAnnual R | Report Perio | od 2 | | | | : : : | | | | | | | | | | 8 | | | | | | |
| CR4050 Develop SemiAnnual Report | 27 01-Jul-14 A | 28-Jul-14 A | 4 | | | Pe | evelop Sem | ni Annual F | Report | | | 8 8 8 8 8 | | | | | | | | | | | | | | | | |
| CR4080 SemiAnnual Report Period 3 | 183 01-Jul-14 A | 31-Dec-14 A | A | 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | | Se | emi Annual F | Report Pe | eriod 3 | | | 8 8 8 8 8 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | 8 | | | | | | |

Actual Work

Remaining Work

CITY OF CHATTANOOGA, TN WASTE RESOURCES DIVISION

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| Activity Name | At Completion St Duration | rt Finish | Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q1 |
|---|------------------------------|--------------------|---|
| R4060 Submit Deliverable to EPA and TDEC | 0 29-Ju | -14 A 29-Jul-14 A | Submit Deliverable to EPA and TDEC |
| R4070 Place Copy of EPA and TDEC Submittal in PDR | 0 29-Ju | -14 A 29-Jul-14 A | Place Copy of EPA and TDEC Submittal in PDR |
| R4090 Develop SemiAnnual Report | 27 31-De | -14 A 27-Jan-15 A | Develop SemiAnnual Report |
| | | | Submit Deliverable to EPA and TDEC |
| R4100 Submit Deliverable to EPA and TDEC | 0 27-Ja | I-15 A 27-Jan-15 A | |
| R4110 Place Copy of EPA and TDEC Submittal in PDR | 0 28-Ja | -15 A 28-Jan-15 A | Place Copy of EPA and TDEC Submittalin PDR |
| emi-Annual Report - 2015 | | -15 A 30-Jan-16 A | Semi-Annuál Report - 2015 |
| R4120 SemiAnnual Report 4 Data Collection | 180 01-Ja | -15 A 30-Jun-15 A | SemiAnnual Report 4 Data Collection |
| R4160 SemiAnnual Report 5 Data Collection | 183 01-Ju | -15 A 31-Dec-15 A | SemiAnnual Report 5 Data Collection |
| R4130 Develop SemiAnnual Report 4 | 29 01-Ju | -15 A 30-Jul-15 A | Develop SemiAnnual Report 4 |
| R4150 Place Copy of EPA and TDEC Submittal in PDR | 0 31-Ju | -15 A 31-Jul-15 A | Place Copy of EPA and TDEC Submittal in PDR |
| | | | Submit Defenseble to EDA and TDEC |
| R4140 Submit Deliverable to EPA and TDEC | 0 31-Ju | -15 A 31-Jul-15 A | Submit Deliverable to EPA and TDEC |
| R4170 Develop SemiAnnual Report 5 | 28 31-De | -15 A 28-Jan-16 A | Develop Semi Annual Report 5 |
| CR4180 Submit Deliverable to EPA and TDEC | 0 29-Ja | -16 A 29-Jan-16 A | Submit Deliverable to EPA and TDEC |
| R4190 Place Copy of EPA and TDEC Submittal in PDR | 0 30-Ja | -16 A 30-Jan-16 A | Place Copy of EPA and TDEC Submittat in PDR |
| emi-Annual Report - 2016 | 306 01-12 | -16 A 31-Jan-17 A | Semi-Annual Report - 2016 |
| R9040 SemiAnnual Report 6 Data Collection | | -16 A 30-Jun-16 A | SemiAnnual Report 6 Data Collection |
| R9050 Develop Semi Annual Report 6 | 29 01-Ju | -16 A 30-Jul-16 A | Develop SemiAnnual Report 6 |
| | | | |
| R9080 SemiAnnual Report 7 Data Collection | 183 01-Ju | -16 A 31-Dec-16 A | SemiAnnual Report 7 Data Collection |
| R9060 Submit Deliverable to EPA and TDEC | 0 31-Ju | -16 A 31-Jul-16 A | Submit Deliverable to EPA and TDEC |
| R9070 Place Copy of EPA and TDEC Submittal in PDR | 0 31-Ju | -16 A 31-Jul-16 A | Place Copy of EPA and TDEC Submittat in PDR |
| R9090 Develop SemiAnnual Report 7 | 30 01-Ja | -17 A 31-Jan-17 A | Develop SemiAnnual Report 7 |
| CR9100 Submit Deliverable to EPA and TDEC | 0 31-la | -17 A 31-Jan-17 A | Submit Deliverable to EPA and TDEC |
| | | | |
| R9110 Place Copy of EPA and TDEC Submittal in PDR | 0 31-Ja | I-17 A 31-Jan-17 A | Place Copy of EPA and TDEC Submittal in PDR |
| emi-Annual Report - 2017 R9120 SemiAnnual Report 8 Data Collection | | -17 A 29-Jan-18 A | Semi-Annual Report - 2017 Semi-Annual Report 8 Data Collection |
| · | 180 01-Ja | I-17 A 30-Jun-17 A | |
| R9130 Develop SemiAnnual Report 8 | 30 01-Ju | -17A 31-Jul-17A | Develop SemiAnnual Report 8 |
| R9160 SemiAnnual Report 9 Data Collection | 183 01-Ju | -17 A 31-Dec-17 A | SemiAnnual Report 9 Data Collection |
| R9140 Submit Deliverable to EPA and TDEC | 0 31-Ju | -17A 31-Jul-17A | Submit Deliverable to EPA and TDEC |
| R9150 Place Copy of EPA and TDEC Submittal in PDR | 0 31-Ju | -17 A 31-Jul-17 A | Place Copy of EPA and TDEC Submitta(in PDR |
| | | | Develop SemiAnnual Report 9 |
| R9170 Develop SemiAnnual Report 9 | 27 01-Ja | -18 A 28-Jan-18 A | |
| CR9180 Submit Deliverable to EPA and TDEC | 0 29-Ja | -18 A 29-Jan-18 A | Submit Deliverable to EPA and TDEC |
| CR9190 Place Copy of EPA and TDEC Submittal in PDR | 0 29-Ja | -18 A 29-Jan-18 A | Place Copy of EPA and TDEC Submittat in PDR |
| emi-Annual Report - 2018 | 395 01-Ja | -18 A 31-Jan-19 A | Semi-Annual Report - 2018 |
| R9200 SemiAnnual Report 10 Data Collection | 180 01-Ja | -18 A 30-Jun-18 A | SemiAnnual Report 10 Data Collection |
| R9210 Develop SemiAnnual Report 10 | 28 01-Ju | -18 A 29-Jul-18 A | Develop SemiAnnual Report 10 |
| CR9240 SemiAnnual Report 11 Data Collection | 183 01-Ju | -18 A 31-Dec-18 A | SemiAnnual Report 11 Data Collection |
| | | | |
| R9220 Submit Deliverable to EPA and TDEC | 1 30-Ju | -18A 31-Jul-18A | Submit Deliverable to EPA and TDEC |
| CR9230 Place Copy of EPA and TDEC Submittal in PDR | 0 31-Ju | -18 A 31-Jul-18 A | Place Copy of EPA and TDEC Submittal in PDR |

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Actual Level of Effort \blacklozenge \blacklozenge Baseline Milestone

Actual Work

Remaining Work

| JAN 2022 SCHEDULE UPDAT | F |
|--------------------------|---|
| JAN 2022 CONEDULE OF DAT | |

| | Activity Name | At Completion Start Duration | Finish | 2013 Q1 Q2 Q3 | Q4 Q1 | 2014 Q2 Q3 | Q4 01 | 2015 1 Q2 Q3 | 3 Q4 Q1 | 2016 Q2 Q3 | Q4 (| 20' 21 Q2 | Q3 Q4 | 2018 Q1 Q2 (| 3 Q4 Q1 | 2019 Q2 Q3 Q | 20 4 Q1 Q2 | Q3 Q4 | 2021 Q1 Q2 Q3 | Q4 Q | 1 Q2 Q3 | Q4 Q1 / | Q2 |
|---------|---|--|------------------------|------------------|-------|---------------|------------|-----------------|---------------|---------------|------|--------------|--|-----------------|---------|-----------------|----------------|---------------|------------------------------------|------------|----------------|-----------------|-------|
| R9250 | Develop SemiAnnual Report 11 | 28 01-Jan-19 A | 29-Jan-19 A | | | | | | | | | | | | Deve | p Semi Annua | I Report 11 | | Q1 Q2 Q3 | | | | |
| R9260 | Submit Deliverable to EPA and TDEC | 0 31-Jan-19 A | 31-Jan-19 A | | | | | | | | | | | | Sub | nit Déliverable | to EPA and TD | EC | | | | | |
| R9270 | Place Copy of EPA and TDEC Submittal in PDR | 0 31-Jan-19 A | 31-Jan-19 A | | | | | | | | | | 2 2 2 2 3 4 3 3 3 3 3 3 | | Plac | e Copy of EPA | and TDEC Sul | omittal in PD | R | | | | |
| mi Ann | ual Report - 2019 | 395 01-Jan-19 A | 31- Jan-20 A | | | | | | | | | | | | Semi- | Annual Report | - 2019 | | | | | | |
| | SemiAnnual Report 12 Data Collection | 180 01-Jan-19 A | | | | | | | | | | | | | | | 12 Data Collec | tion | | | | | |
| 9290 | Develop SemiAnnual Report 12 | 30 01-Jul-19A | 31-Jul-19 A | | | | | | | | | | | | | Develop | Semi Annual R | eport 12 | | | | | |
| 9320 | SemiAnnual Report 13 Data Collection | 183 01-Jul-19A | 31-Dec-19 A | | | | | | | | | | | | | SemiAn | ual Report 13 | Data Çollec | ion | | | | |
| | | | | | | | | | | | | | | | | | Deliverable to | | | | | | |
| 9300 | Submit Deliverable to EPA and TDEC | 0 31-Jul-19A | 31-Jul-19A | | | | | | | | | | | | | | | | | | | | |
| 9310 | Place Copy of EPA and TDEC Submittal in PDR | 0 31-Jul-19A | 31-Jul-19 A | | | | | | | | | | | | | Place | Copy of EPA an | d TDEC Su | omittal in PDR | | | | |
| 9330 | Develop SemiAnnual Report 13 | 30 01-Jan-20 A | 31-Jan-20 A | | | | | | | | | | | | | | Develop Se | mi Annual R | eport 13 | | | | |
| 9340 | Submit Deliverable to EPA and TDEC | 0 31-Jan-20 A | 31-Jan-20 A | | | | | | | | | | | | | | Submit De | eliverable to | EPA and TDEC | | | | |
| 9350 | Place Copy of EPA and TDEC Submittal in PDR | 0 31-Jan-20 A | 31-Jan-20 A | | | | | | | | | | | | | | Place Cor | y of EPA ar | d TDEC Submitta | al in PDR | | | |
| | | 396 01-Jan-20 A | | | | | | | | | | | 8 8 8 8 8 8 8 8 8 | | | | Annual Prog | iress Repo | t-2020 | | | | |
| | ogress Report - 2020 Annual Progress Report 14 Data Collection | 365 01-Jan-20 A | | | | | | | | | | | 8 2 8 2 8 2 8 2 8 2 | | | | | | 14 Data Collecti | idn | | | |
| 81410 | Develop Annual Progress Report 14 | 30 01-Jan-21 A | 31-Jan-21 A | | | | | | | | | | | | | | | | Develop Annual I | Progress F | Report 14 | | |
| 81/20 | Submit Deliverable to EPA and TDEC | 0 31-Jan-21 A | 31- Jan-21 A | | | | | | | | | | | | | | | | Submit Delivera | able to EP | A and TDEC | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| 81430 | Place Copy of EPA and TDEC Submittal in PDR | 0 31-Jan-21 A | 31-Jan-21 A | | | | | | | | | | | | | | | | Place Copy of | EPA and II | DEC Submitta | In PDR | |
| | ogress Report - 2021 | 395 01-Jan-21 A 365 01-Jan-21 A | | | | | | | | | | | | | | | | | Annual Progress Annual Progress | | | on Annual Pro | oare |
| | Annual Progress Report 15 Data Collection | | | | | | | | | | | | | | | | | | | | | | |
| 84170 | Develop Annual Progress Report 15 | 30 01-Jan-22 | 30-Jan-22 | | | | | | | | | | | | | | | | | Dev | velop Annual F | Progress Repo | ort 1 |
| 84180 | Submit Deliverable to EPA and TDEC | 0 31-Jan-22 | 31-Jan-22 | | | | | | | | | | | | | | | | | s | ubmit Delivera | able to EPA and | וd TI |
| 84190 | Place Copy of EPA and TDEC Submittal in PDR | 0 31-Jan-22 | 31-Jan-22 | | | | | | | | | | | | | | | | | P | lace Copy of F | EPA and TDEC | C Su |
| nual Pr | ogress Report - 2022 | 395 01-Jan-22 | 31-Jan-23 | | | | | | | | | | | | | | | | | Anr | nual Progress | Report - 2022 | 2 |
| 84200 | Annual Progress Report 16 Data Collection | 365 01-Jan-22* | 31-Dec-22 | | | | | | | | | | | | | | | | | Anr | nual Progress | Report 16 Dat | ata C |
| 84210 | Develop Annual Progress Report 16 | 30 01-Jan-23 | 30-Jan-23 | | | | | | | | | | | | | | | | | | | Develop | op Ar |
| 84220 | Submit Deliverable to EPA and TDEC | 0 31-Jan-23 | 31-Jan-23 | | | | | | | | | | | | | | | | | | | Subm | mit D |
| 84230 | Place Copy of EPA and TDEC Submittal in PDR | 0 31-Jan-23 | 31-Jan-23 | | | | | | | | | | | | | | | | | | | Plaçe | e Co |
| | | | | | | | | | | | | | 8 | | | | | | | | | Annual I | |
| | ogress Report - 2023 Annual Progress Report 17 Data Collection | 395 01-Jan-23 365 01-Jan-23* | 31-Jan-24 31-Dec-23 | | | | | | | | | | 4 8 9 9 8 8 | | | | | | | | | Annual | |
| 84250 | Develop Annual Progress Report 17 | 30 01-Jan-24 | 30-Jan-24 | | | | | | | | | | 8 8 8 8 8 8 8 8 8 | | | | | | | | | | |
| | | | | | | | | | | | | | 8 8 8 8 8 | | | | | | | | | | |
| | Submit Deliverable to EPA and TDEC | 0 31-Jan-24 | 31-Jan-24 | | | | | | | | | | - | | | | | | | | | | |
| 84270 | Place Copy of EPA and TDEC Submittal in PDR | 0 31-Jan-24 | 31-Jan-24 | | | | | | | | | | 2 2 2 2 2 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 | | | | | | | | | | |
| 40 - / | Annual Reports | 3712 01-Jan-14 A | 29-Feb-24 | | Para | 40 - Annua | I Reports | | | | | | 1 1 1 1 1 1 | | | | | | | | | | |
| nual I | Reports | 3712 01-Jan-14 A | 29-Feb-24 | | Annu | ial Reports | | | | | - | | - - - | | | | | | | | | | |
| | eport - 2013 | 58 01-Jan-14 A | 28-Feb-14 A | | Annu | ial Report - | 2013 | | | | | | 5 5 6 8 8 8 8 8 8 8 8 8 | | | | | | | | | | |
| | • Develop Annual Report | 56 01-Jan-14 A | 26-Feb-14 A | | Deve | lop Annual | Report | | | | | | 8 8 8 8 | | | | | | | | | | |
| | | | | | | | | A and TDEC | | | | | 4 | | | | | | | | | | |
| .du20 | Submit Deliverable to EPA and TDEC | 0 27-Feb-14 A | 27-⊢eb-14 A | | | | | | | | | | 8 8 9 8 8 | | | | | | | | | | |
| 8030 | Place Copy of EPA and TDEC Submittal in PDR | 0 28-Feb-14 A | 28-Feb-14 A | | P | lace Copy | of EPA and | TDEC Subm | nittal in PDR | | | | | | | | | | | | | | |

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Summary C Actual Level of Effort ♦ ♦ B

Actual Work

Remaining Work

Critical Remaining...

Baseline Milestone

| IAN 2022 | SCHEDULE | |
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| JAN ZUZZ | JUNEDULE | UFDATE |

| D Activity Name | At Completion Start Duration | Finish | 2013 2014 Q1 Q2 Q3 Q4 Q1 Q2 Q | 2015 | 2016 | 2017 | 3 04 04 | 2018 | 2019 | | 2020 | 2021 | 20 | | 202 |
|--|---------------------------------|-------------|----------------------------------|----------------------|-----------------------|-------------------|----------------|------------------|-------------------|----------|-----------------|----------------------|-----------------------|------------------|------|
| Annual Report - 2014 | 420 01-Jan-14 A | | Annual Report | - 2014 | | | 3 Q4 Q1 | Q2 Q3 Q4 | | | Q2 Q3 | | 13 Q4 Q1 Q2 | | 1 Q2 |
| CR8040 Annual Report Period 2 | 364 01-Jan-14 A | 31-Dec-14 A | Annual Report | Period 2 | | | | | | | | | | | |
| CR8050 Develop Annual Report | 55 31-Dec-14 A | 24-Feb-15 A | | Develop Annual Repor | t | | | | | | | | | | |
| CR8060 Submit Deliverable to EPA and TDEC | 0 25-Feb-15 A | 25-Feb-15 A | | Submit Deliverable | to EPA and TDEC | | | | | | | | | | |
| CR8070 Place Copy of EPA and TDEC Submittal in PDR | 0 25-Feb-15 A | 25-Feb-15 A | | Place Copy of EPA | and TDEC Submittal in | PDR | | | | | | | | | |
| Annual Report - 2015 | 426 01-Jan-15 A | 02-Mar-16 A | | Annual Report - 2015 | | | | | | | | | | | |
| CR8080 Annual Report Period 3 Data Collection | 364 01-Jan-15 A | 31-Dec-15 A | | Annual Report Period | 3 Data Collection | | | | | | | | | | |
| CR8090 Develop Annual Report 3 | 59 01-Jan-16 A | 29-Feb-16 A | | | Develop Annual Repo | ort 3 | | | | | | | | | |
| CR8100 Submit Deliverable to EPA and TDEC | 0 01-Mar-16 A | 01-Mar-16 A | | | Submit Deliverable | e to EPA and TDE | c | | | | | | | | |
| CR8110 Place Copy of EPA and TDEC Submittal in PDR | 0 02-Mar-16 A | 02-Mar-16 A | | | Place Copy of EP | Aand TDEC Subr | nittal in PDR | | | | | | | | |
| Annual Report - 2016 | 419 01-Jan-16 A | 23-Feb-17 A | | | Annual Report - 2016 | | | | | | | | | | |
| CR8120 Annual Report Period 4 Data Collection | 365 01-Jan-16 A | 31-Dec-16 A | | | Annual Report Period | 4 Data Collection | | | | | | | | | |
| CR8130 Develop Annual Report 4 | 53 01-Jan-17 A | | | | | Develop Annua | l Report 4 | | | | | | | | |
| CR8140 Submit Deliverable to EPA and TDEC | 0 23-Feb-17 A | 23-Feb-17 A | | | | Submit Deliv | verable to EPA | and TDEC | | | | | | | |
| CR8150 Place Copy of EPA and TDEC Submittal in PDR | 0 23-Feb-17 A | | | | | Place Copy | of EPA and TD | EC Submittal in | PDR | | | | | | |
| Annual Report - 2017 | 422 01-Jan-17 A | | | | | Annual Report | | | | | | | | | |
| CR8160 Annual Report Period 5 Data Collection | 364 01-Jan-17 A | | | | | Annual Report | | Collection | | | | | | | |
| CR8170 Develop Annual Report 5 | 56 01-Jan-18 A | | | | | | Devel | op Annual Repo | rt5 | | | | | | |
| CR8180 Submit Deliverable to EPA and TDEC | 0 27-Feb-18A | | | | | | | | to EPA and TDE | | | | | | |
| CR8190 Place Copy of EPA and TDEC Submittal in PDR | 0 27-Feb-18A | | | | | | | | and TDEC Subn | | | | | | |
| | 423 01-Jan-18 A | | | | | | | al Report - 2018 | | | | | | | |
| Annual Report - 2018 CR8200 Annual Report Period 6 Data Collection | 364 01-Jan-18 A | | | | | | | | 6 Data Collection | | | | | | |
| | 58 01-Jan-19 A | | | | | | | | Develop Annua | Report 6 | | | | | |
| CR8210 Develop Annual Report 6 | | | | | | | | | | | A and TDEC | | | | |
| CR8220 Submit Deliverable to EPA and TDEC | 0 28-Feb-19 A | | | | | | | | | | IDEC Submitte | | | | |
| CR8230 Place Copy of EPA and TDEC Submittal in PDR | 0 28-Feb-19 A | | | | | | | | | | IDEC Submitte | IIIFDR | | | |
| Annual Report - 2019 | 423 01-Jan-19 A | | | | | | | | Annual Report | | | | | | |
| CR8240 Annual Report Period 7 Data Collection | 364 01-Jan-19 A | | | | | | | | Annual Report | | | | | | |
| CR8250 Develop Annual Report 7 | 57 01-Jan-20 A | | | | | | | | | | elop Annual Re | | | | |
| CR8260 Submit Deliverable to EPA and TDEC | 0 28-Feb-20 A | 28-Feb-20 A | | | | | | | | | | ble to EPA and TDE | | | |
| CR8270 Place Copy of EPA and TDEC Submittal in PDR | 0 28-Feb-20 A | 28-Feb-20 A | | | | | | | | | | EPA and TDEC Sub | mittal in PDR | | |
| Annual Report - 2020 | 424 01-Jan-20 A | 28-Feb-21 A | | | | | | | | | ual Report - 20 | | | | |
| CR8280 Annual Report Period 8 Data Collection | 365 01-Jan-20 A | 31-Dec-20 A | | | | | | | | Annı | ual Report Per | od 8 Data Collection | | | |
| CR8290 Develop Annual Report 8 | 58 01-Jan-21 A | 28-Feb-21 A | | | | | | | | | | Develop Annua | | | |
| CR8300 Submit Deliverable to EPA and TDEC | 0 28-Feb-21 A | 28-Feb-21 A | | | | | | | | | | | iverable to EPA and T | | |
| CR8310 Place Copy of EPA and TDEC Submittal in PDR | 0 28-Feb-21 A | 28-Feb-21 A | | | | | | | | | | Place Copy | of EPA and TDEC S | Submittal in PDF | |
| Annual Report - 2021 | 424 01-Jan-21 A | 28-Feb-22 | | | | | | | | | | Annual Report | - 2021 | | |

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Summary Critical Remaining.. Actual Level of Effort \blacklozenge Baseline Milestone

Actual Work

Remaining Work

| JAN 2022 | SCHEDULE | UPDATE |
|----------|-----------|--------|
| | COLLEDOLE | |

| Activity ID | Activity Name | At Completion Duration | Start | Finish | Q1 | 20 | | Q4 | 01 | 2014 | | 01 | 201 | | 1 01 | 201 | | 4 01 | | 017 | 04 | 01 | 2018 Q2 Q3 | | 01 | 2019 Q2 Q3 |
|---------------------|--|---------------------------|----------------------------|-------------|--------|-------|-------|-----------------------|--------|---|------------------------|----|---------|-----------|----------|---------|------------|----------|----------------------------|-------|---|------------------|---------------|---------|----------|-----------------------|
| CR81000 | Annual Report Period 9 Data Collection | 365 | 01-Jan-21 A | 31-Dec-21 | | QZ | Q3 | Q4 | | Q2 (| 23 04 | QI | QZ | | 4 01 | | | 4 0 | | Q3 | Q4 | | 12 43 | Q4 | | <u>Q2</u> Q3 |
| CR81010 | Develop Annual Report 9 | 59 | 01-Jan-22* | 28-Feb-22 | | | | | | | | | | | | | | | | | | | | | | |
| CR81020 | Submit Deliverable to EPA and TDEC | 0 | 28-Feb-22 | 28-Feb-22 | | | | | | | | | | | | | | | - | | | | | | | |
| CR81030 | Place Copy of EPA and TDEC Submittal in PDR | 0 | 28-Feb-22 | 28-Feb-22 | | | | | | 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | 8 | | | | | | | | 5 5 5 5 5 5 | | 1 1 1 1 2 1 2 1 2 | 8 | | | | |
| Annual R | eport - 2022 | 424 | 01-Jan-22 | 28-Feb-23 | | | | | | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | 8 | | | | | | | | | | 1 1 1 1 1 1 1 1 | 8 | | | | |
| | Annual Report Period 10 Data Collection | 365 | 01-Jan-22* | 31-Dec-22 | | | | | | | | | | | | | | | - | | | | | | | |
| | Develop Annual Report 10 | | 01-Jan-23* | 28-Feb-23 | | | | | | | | | | | | | | | - | | | | | | | |
| | Submit Deliverable to EPA and TDEC | | 28-Feb-23 | 28-Feb-23 | | | | | | 8 | 8 | | | | | | | | | | 5 5 5 5 5 5 5 5 | | | | | |
| | | | 28-Feb-23 | 28-Feb-23 | | | | | | - - | | | | | | | | | | | - - - - - - - - - - - - - - - - - - - | | | | | |
| | Place Copy of EPA and TDEC Submittal in PDR | | | | | 1 | | | | 8 | 8 | | | | | | | | | | | 8 | | | | |
| | eport - 2023 | | 01-Jan-23 | 29-Feb-24 | | | | | | 8 | | | | | | | | | - | | | | | | | |
| A118170 | Annual Report Period 11 Data Collection | 365 | 01-Jan-23* | 31-Dec-23 | | | | | | | | | | | | | | | | | | | | | | |
| A118180 | Develop Annual Report 11 | 60 | 01-Jan-24 | 29-Feb-24 | | | | | | 2 2 2 2 2 2 | | | | | | | | | - | | | | | | | |
| A118190 | Submit Deliverable to EPA and TDEC | 0 | 29-Feb-24 | 29-Feb-24 | | | | | | 8 | | | | | | | | | | | | | | | | |
| A118200 | Place Copy of EPA and TDEC Submittal in PDR | 0 | 29-Feb-24 | 29-Feb-24 | | | | | | | | | | | | | | | - | | | | | | | |
| Program | Management | 5478 | 01-Jul-12 A | 30-Jun-27 | nagen | ment | | | | | | | | | | | | | | | | | | | | |
| Program | Management | 5478 | 01-Jul-12 A | 30-Jun-27 | nagen | ment | | | | | | | | | - | | | - | | | | | | | <u> </u> | |
| Program | n Management - Years 1-5 | 1825 | 01-Jul-12 A | 30-Jun-17 A | nagen | ment- | Years | s 1-5 | | | | | | | _ | | | _ | | • | | 8 | | | | |
| Year 1 20 | 13 | 364 | 01-Jul-12 A | 30-Jun-13 A | | | , | | | | | | | | | | | | - | | | | | | | |
| AI5000 | Year 1 - Fiscal Year 2013 | 364 | 01-Jul-12 A | 30-Jun-13 A | al Yea | r 201 | 3 | | | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | | | | | | | | | | | | | |
| Year 2 20 | | | 01-Jul-13 A | | | | | 2 2014 | al Yea | - 2014 | | | | | | | | | - | | | 1 | | | | |
| AI5100 | Year 2 - Fiscal Year 2014 | 364 | 01-Jul-13 A | | | | | 2 - FISU | | | | | | | | | | | - | | | | | | | |
| Year 3 20 Al5200 | 15 Year 3 - Fiscal Year 2015 | 364 364 | 01-Jul-14 A 01-Jul-14 A | | | | | | | | ear 3 20 ear 3 - Fi | | ar 2015 | | | | | | - | | 1 | | | | | |
| Year 4 20 | 16 | 365 | 01-Jul-15 A | 30-Jun-16 A | | | | | | | | | Y | ear 4 20 | 16 | | | | | | 1 | | | | | |
| | Year 4 - Fiscal Year 2016 | | 01-Jul-15 A | | | | | | | | | | Y | ear 4 - I | iscal Ye | ar 2016 | | | | | | | | | | |
| Year 5 20 | 17 | 364 | 01-Jul-16 A | 30-Jun-17 A | | | | | | 8 | | | | | | · • | 'ear 5 20 | | | • | | | | | | |
| AI5400 | Year 5 - Fiscal Year 2017 | 364 | 01-Jul-16 A | 30-Jun-17 A | | | | | | | | | | | | | 'ear 5 - I | Fiscal Y | ear 20 | 17 | | | | | | |
| Program | n Management for Consent Decree - Year 6 | 364 | 01-Jul-17 A | 30-Jun-18 A | | | | | | 8 8 8 8 8 8 | | | | | | | | | 1 1 1 1 1 1 | Progr | am Ma | nagem | ent for C | onsent | Decree | e - Year 6 |
| | Management - Fiscal Year 2018 | | 01-Jul-17 A | | | | | | | 8 | | | | | | | | | | | | nagem al Year | Fiso | al Year | 2018 | |
| | Year 6 - Fiscal Year 2018 | | 01-Jul-17 A | | | | | | | 8 | | | | | | | | | | | | | | | | |
| Program | n Management for Consent Decree - Year 7 | 303 | 01-Jul-18 A | 30-Apr-19 A | | | | 1 | | 8 | 8 | | | | | | | | 8 | | 1 1 1 1 1 1 1 | 8 | | | | nent for C |
| | Management - Fiscal Year 2019 Year 7 - Fiscal Year 2019 | | 01-Jul-18 A 01-Jul-18 A | | | | | | | 8 8 8 8 8 8 8 8 8 | 8 8 8 8 8 | | | | | | | | : : : : | | 1 1 1 1 1 1 1 1 | 8 | | | | nent - Fiso r 2019 |
| | | | 01-May-19 A | | | | | | | | | | | | | | | | - | | 1 | | | | | Program |
| | n Management for Consent Decree - Year 8 | | | | | | | - - - - - | | 1 | 8 | | | | | | | | - | | 1 1 1 1 1 | | | | | • |
| | Management - Fiscal Year 2020 Year 8 - Fiscal Year 2020 | | 01-May-19 A 01-May-19 A | | | | | | | 8 8 8 8 8 | | | | | | | | | | | | 8 | | | | Program Year 8 - |
| Program | n Management for Consent Decree - Year 9 | 273 | 31-Oct-20 A | 30-Jul-21 A | | | | | | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | | | | | | | | | | | | | | | |
| | Management - Fiscal Year 2021 | | 31-Oct-20 A | | | | | | | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | | | | | | | | | | | 8 | | | | |
| | Year 9 - Fiscal Year 2021 | | 31-Oct-20 A | | | | | | | | | | | | | | | | | | | | | | | |
| Program | n Management for Consent Decree - Year 10 | 304 | 31-Aug-21 A | 30-Jun-22 | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | 1 | | | | | | | | | | | | 1 | | | | |

Critical Remaining.. Actual Level of Effort 🔶 Baseline Milestone

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

Actual Work Remaining Work

Summary

Q3 Q4 Q1 Q2 Q3 Q4< Develop Annual Report 9 Submit Deliverable to EPA and TDEC Place Copy of EPA and TDEC Submittal in F nual Report - 2022 Annual Report Period 10 Data Collection Develop Annual Rep Submit Deliverable t Place Copy of EPA a nual Report - 2023 Annual Report Period 1 r 6 r Consent Decree - Year 7 Fiscal Year 2019 ram Management for Co sent Decree - Year 8 ram Management - Fiscal Year 2020 - Fiscal Year 2020 Program Management for Consent Decree - Year 9 Program Management - Fiscal Year 2021 Year 9 - Fiscal Year 2021 Management for Consent Decree - Year 10 Progr

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| Activity ID | Activity Name | At Completion Duration | Start | Finish | 2013 2014 2015 2016 2017 2018 20 Q1 Q2 Q3 Q4 Q1 |
|-------------|---|---------------------------|-------------|------------------------|---|
| Program | Management - FY2022 | 304 | 31-Aug-21 A | 30-Jun-22 | |
| A11790 | Year 10 - Fiscal Year 2022 | 304 | 31-Aug-21 A | 30-Jun-22 | |
| Program | n Management for Consent Decree - Year 11 | 365 | 01-Jul-22 | 30-Jun-23 | |
| | Management - FY2023 | 365 | | 30-Jun-23 | |
| A11960 | Year 11 - Fiscal Year 2023 | 365 | 01-Jul-22* | 30-Jun-23 | |
| Program | n Management for Consent Decree - Year 12 | 366 | 01-Jul-23 | 30-Jun-24 | |
| | Management Year 12 - Fiscal Year 2024 | 366 | | 30-Jun-24 | |
| A12360 | Tear 12 - Fiscar tear 2024 | 366 | 01-Jul-23* | 30-Jun-24 | |
| | n Management for Consent Decree - Year 13 | 365 | | 30-Jun-25 | |
| | Management Year 13 - Fiscal Year 2025 | 365 365 | | 30-Jun-25 30-Jun-25 | |
| | | | | | |
| | n Management for Consent Decree - Year 14 | 365 | | 30-Jun-26 30-Jun-26 | |
| | Management Year 14 - Fiscal Year 2026 | 365 | | 30-Jun-26 | |
| | | | | | |
| Program | n Management for Consent Decree - Year 15 | 365 | 01-Jul-26 | 30-Jun-27 | |
| | Management | 365 | 01-Jul-26 | 30-Jun-27 | |
| A12540 | Year 15 - Fiscal Year 2027 | 365 | 01-Jul-26* | 30-Jun-27 | |
| Additiona | I Consent Decree Supported Projects | 5038 | 07-Sep-12 A | 23-Jun-26 | al Consent Decree Supported Projects |
| | | 1414 | 19 Oct 12 A | 01 Son 16 A | aciity Plan Update |
| 201 Facil | ty Plan Update | | | | |
| 201 Fac | ility Plan Update | 1414 | 18-Oct-12 A | 01-Sep-16 A | aciity Plan Update |
| Project P | rocurement | 97 | 18-Oct-12 A | 22-Jan-13 A | t Procurement |
| OP1170 | CD Prequalification Procurement (FY 2012 - 2013) Priority I - Development and Issuance of RFP | 45 | 18-Oct-12 A | 01-Dec-12 A | requalification Procurement (FY 2012 - 2013) Priority - Development and Issuance of RFP |
| OP1300 | Consultant develops and Submit Scope and Cost proposal | 10 | 02-Dec-12A | 11-Dec-12 A | Insulfant develops and Submit Scope and Cost proposal |
| | | | | | |
| OP1310 | PMO Reviews/ Negotiates and Approve Proposal / Agreement | 10 | 12-Dec-12 A | 21-Dec-12 A | MO Reviews/ Negotiates and Approve Proposal / Agreement |
| OP1320 | PMO Approved Agreement to Council for Approval | 18 | 22-Dec-12 A | 08-Jan-13 A | MO Approved Agreement to Council for Approval |
| OP1330 | Consultant Signed Agreement to City for Execution | 14 | 09-Jan-13 A | 22-Jan-13 A | Consultant Signed Agreement to City for Execution |
| Planning | Phase | 1317 | 23-Jan-13 A | 01-Sep-16 A | Planning Phase |
| | Planning Phase PHASE 1 | 612 | 23-Jan-13 A | 27-Sep-14 A | Planning Phase PHASE 1 |
| OP1200 | Planning Phase PHASE 2 | 666 | 05-Nov-14 A | 01-Sep-16 A | Planning Phase PHASE 2 |
| 0. 1200 | | | | 01.000.1074 | |
| Citico PS | and CSOTF Upgrades | 1409 | 21-Aug-14 A | 30-Jun-18 A | Citico PS and CSOTF Upgrades |
| Citico P | S and CSOTF Upgrades | 1409 | 21-Aug-14 A | 30-Jun-18 A | Citico PS and CSOTF Upgrades |
| | rocurement | 158 | 21-Aug-14 A | 26-Jan-15 A | Project Procurement |
| A1020 | CD Prequalification Procurement (FY 2014 - 2015) - Development and Issuance of RFP | | | 19-Sep-14 A | CP Prequalification Procurement (FY 2014 - 2015) - Development and Issuance of RFP |
| A1030 | Consultant develops and Submit Scope and Cost proposal | 16 | 20-Sep-14 A | 06-Oct-14 A | Consultant develops and Submit Scope and Cost proposal |
| A1040 | PMO Reviews/ Negotiates and Approve Proposal / Agreement | 57 | 07-Oct-14 A | 03-Dec-14 A | PMO Reviews/ Negotiates and Approve Proposal / Agreement |
| A1050 | PMO Approved Agreement to Council for Approval | 5 | 04-Dec-14A | 09-Dec-14 A | PMO Approved Agreement to Council for Approval |
| A1060 | Consultant Signed Agreement to City for Execution | 47 | 10-Dec-14 A | 26-Jan-15 A | Consultant Signed Agreement to City for Execution |
| Planning | Phase | 310 | 11-Feb-15 A | 17-Dec-15 A | Planning Phase |
| A1200 | Planning Phase | 264 | 11-Feb-15 A | 01-Nov-15 A | Planning Phase |
| A1210 | SRF Facility Plan Approval | 46 | 02-Nov-15 A | 17-Dec-15 A | SRF Facility Plan Approval |
| Engineer | ing Phase | 413 | 27-May-15 A | 13-Jul-16 A | Engineering Phase |
| | Summary Critical Remaining Actual Level of Effort | | | СНАТ | TANOOGA CONSENT DECREE PROGRAM - PHASE I CITY OF CHATTANOOGA, TN WASTE RESOURCES DIVISION |

2021 202 202 19 2020 2021 2022 2023 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Program Management for Consent Program Management - FY2023 Year 11 - Fiscal Year 2023 Program Ma Program Ma Year 12 - Fi

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| | Activity Name | At Completion Duration | | Finish | | 013 Q3 Q4 | | 014 Q3 Q4 | 2015 Q1 Q2 (| Q3 Q4 0 | 2016 Q1 Q2 Q3 | 3 Q4 | 201 Q1 Q2 | | 201 Q1 Q2 | | 019 Q3 Q4 | 2020 2 Q3 C | 2021 2 Q3 | Q4 Q1 | 22 Q3 | Ī |
|-------------------|--|---------------------------|----------------------------|-------------|------------|----------------|-------------|--------------|------------------|-----------------------|------------------|--------------|--------------------------|-------------|--------------|--|--------------|----------------|--------------|-------|----------|---|
| 1300 | Engineering Phase | 413 | 27-May-15 A | 13-Jul-16 A | | | | | Eng | ineering Pha | | | | | | | | | | | | |
| | tion Bidding Phase Construction Bidding Phase | | 14-Jul-16 A 14-Jul-16 A | | | | | | | | • | | Bidding Ph Bidding Ph | | | | | | | | | |
| 500 | | 139 | 14-JUI-10 A | 30-NOV-16 A | | | | | | | | | | | | | | | | | | |
| 1600 | SRF Administration Phase | 0 | 30-Nov-16 A | 30-Nov-16 A | | | | | | | | SRF | FAdministra | ition Phase | | | | | | | 1 | |
| | tion Phase | | 01-Dec-16 A | | | | | | | | | | struction P | hase | | | | | | | | |
| A1700 | Construction Phase | 576 | 01-Dec-16 A | 30-Jun-18 A | | | | | | | | | | lase | | | | | | | 1 | |
| outh C | nick PS Phase II/Spring Creek PS Upgrades | 963 | 21-Aug-14 A | 10-Apr-17 A | | | | South Cl | iick PS Phase | II/Spring Cre | eek PS Upgra | ades | - | | | | | | | | | |
| South (| hick PS Phase II and Spring Creek PS Upgrades | 963 | 21-Aug-14 A | 10-Apr-17 A | | | | South Cl | ick PS Phase | II and Sprin | g Creek PS U | Ipgrades | - | | | | | | | | | |
| Project P | rocurement | | 21-Aug-14 A | | | | | | rocurement | | | | | | | | | | | | | |
| A2000 | CD Prequalification Procurement (FY 2014 - 2015) - Development and Issuance of RFP | 29 | 21-Aug-14 A | 19-Sep-14 A | | | | CD Preq | ualification Pro | ocurement (F | Y 2014 - 201 | 5) - Devel | lopment and | d Issuance | of RFP | | | | | | | |
| A2020 | Consultant develops and Submit Scope and Cost proposal | 23 | 20-Sep-14 A | 13-Oct-14 A | | | | Consu | tant develops | and Submit | Scope and C | ost propo | sal | | | | | | | | | |
| A2030 | PMO Reviews/ Negotiates and Approve Proposal / Agreement | 163 | 14-Oct-14 A | 26-Mar-15 A | | | | PMO | Reviews/ Neg | potiates and <i>i</i> | Approve Prop | oosal/Agr | eemient | | | | | | | | | |
| A2040 | PMO Approved Agreement to Council for Approval | 4 | 27-Mar-15 A | 31-Mar-15 A | | | | | РМО Ар | proved Agre | ement to Cou | uncil for Ap | proval | | | | | | | | | |
| A2050 | Consultant Signed Agreement to City for Execution | 34 | 01-Apr-15 A | 05-May-15 A | | | | | <u>C</u> onsult | ant \$igned A | greement to (| City for Exe | ecution | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| Planning A2200 | Phase Planning Phase | | 06-May-15 A 06-May-15 A | | | | | | | ing Phase | | | | | | | | | | | | |
| Engineer | ing Phase | 161 | 24-Feb-16 A | 03-Aug-16 A | | | | | | | Engineering | Phase | | | | | | | | | | |
| | Engineering Phase | | 24-Feb-16 A | | | | | | | | Engineering | | | | | | | | | | | |
| A2400 | SRF Approval of Contract Documents | 43 | 21-Jun-16 A | 03-Aug-16 A | | | | | | | <u>Ś</u> RF | Approval | of Contract | Documents | 6 | | | | | | | |
| Construc | tion Bidding Phase | 81 | 04-Aug-16 A | 24-Oct-16 A | | | | | | | <u>م</u> | onstructio | n Bidding P | hase | | | | | | | | |
| A2500 | Construction Bidding Phase | | | 27-Sep-16 A | | | | | | | C | onstructio | n Bidding P | hase | | | | | | | | |
| A2600 | SRF Administration Phase | 26 | 28-Sep-16 A | 24-Oct-16 A | | | | | | | | SRFAd | ministration | Phase | | | | | | | | |
| Construe | tion Phase | 165 | 27-Oct-16 A | 10-Apr-17 A | | | | | | | | Const | ruction Pha | se | | | | | | | | |
| | Construction Phase | | 27-Oct-16 A | | | | 8 | | | | | | ruction Pha | | | | | | | | | |
| rter St | reet Sewer Rehab | 1573 | 07-Sep-12 A | 28-Dec-16 A | treet Sewe | er Rehab | | | | | | | | | | | | | | | | |
| arter S | treet Sewer Rehabilitation | 1573 | 07-Sep-12 A | 28-Dec-16 A | treet Sewe | er Rehabilitat | tion | | | | | | | | | | | | | | | |
| | rocurement | 0 | 07-Sep-12 A | 07-Sep-12A | Procureme | nt | | | | | | | | | | | | | | | | |
| | Previously Procured Consent Decree Projects | | | 07-Sep-12 A | | d Consent D | Decree Proj | ects | | | | | | | | | | | | | | |
| lanning | Phase | 7 | 13-Jan-16 A | 19-Jan-16 A | | | | | | · 🗸 | lanning Phas | | | | | | | | | | | |
| AI1140 | Planning Phase | 3 | 13-Jan-16 A | 15-Jan-16 A | | | | | | P | lanning Phas | e | | | | | | | | | | |
| AI1150 | SRF Facility Plan Approval | 4 | 16-Jan-16 A | 19-Jan-16 A | | | | | | s | RF Facility Pla | an Approv | al | | | | | | | | | |
| Ingineer | ing Phase | 79 | 13-Jan-16 A | 01-Apr-16 A | | | | | | | ngineering Pl | hase | | | | | | | | | | |
| | Engineering | 37 | 13-Jan-16 A | 18-Feb-16 A | | | | | | E | ngineering | | | | | | | | | | | |
| AI1170 | SRF Approval of Contract Documents | 42 | 19-Feb-16 A | 01-Apr-16 A | | | | | | | SRF Approva | al of Contr | act Docum | ents | | | | | | | | |
| Construc | tion Bidding Phase | 78 | 04-Apr-16 A | 21-Jun-16 A | | | | | | | Construct | | | | | | | | | | | |
| | Construction Bidding Phase | 78 | 04-Apr-16 A | 21-Jun-16 A | | | | | | | Construct | tion Biddin | g Phase | | | | | | | | | |
| AI1190 | SRF Administration Phase | 0 | 17-Jun-16 A | 17-Jun-16 A | | | | | | | \$RF | Administra | ation Phase | | | | | | | | | |
| onstruc | tion Phase | 126 | 24-Aug-16 A | 28-Dec-16 A | | | | | | | | | ion Phase | | | | | | | | | |
| AI1200 | Construction Phase | 126 | 24-Aug-16 A | 28-Dec-16 A | | | | | | | | Constructi | ion Phase | | | | | | | | | |
| вwwт | P Control Room Upgrade | 1739 | 30-Nov-15 A | 03-Sep-20 A | | | | | | мви | VW TP Cantro | | pgrade | | | | | | | | | |
| IBWW | TP Control Room Upgrades | 1739 | 30-Nov-15 A | 03-Sep-20 A | | | | | | мви | VW TP Contro | RoomU | pgrades | | | | | | | | | |
| | xecution | 1739 | 30-Nov-15 A | 03-Sep-20.4 | | | | | | Proie | ect Execution | | | | | | | | | | | |

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JAN 2022 SCHEDULE UPDATE

Remaining Work

WASTE RESOURCES DIVISION

| Activity Name | Completion Duration Start Finish 2013 2014 2015 2016 2017 | 017 2018 2019 2020 2021 2022 Q3 Q4 Q1 Q2 Q3 Q4 |
|---|---|--|
| A4390 Project Execution | 1739 30-Nov-15 A 03-Sep-20 A Project Execution | |
| lanning Phase | 358 01-Dec-15A 23-Nov-16A Planning Phase | |
| A4400 Planning | 358 01-Dec-15A 23-Nov-16A | |
| Engineering Phase | 222 05-Oct-16 A 15-May-17 A Engineering Phas | \$e |
| A4410 Engineering | 222 05-Oct-16 A 15-May-17 A Engineering | |
| Construction Bidding Phase | | onstruction Bidding Phase |
| A4420 Construction Bidding Phase | 220 16-May-17 A 22-Dec-17 A | |
| Construction Phase A4430 Construction - Substantial Completion | 985 23-Dec-17A 03-Sep-20A 492 23-Dec-17A 29-Apr-19A | Construction Phase Construction - Substantial Completion |
| | | |
| A4435 Construction - Final Completion | 492 30-Apr-19 A 03-Sep-20 A | Coristruction - Final Completion |
| IBWWTP Detritors Rehab | 1184 02-Jul-15 A 28-Sep-18 A MBWWTP Detritors Rehab | |
| MBWWTP Detritors Rehab | 1184 02-Jul-15A 28-Sep-18A | |
| Planning Phase | 253 02-Jul-15 A 10-Mar-16 A Planning Phase | |
| A3000 Planning Phase | 193 02-Jul-15 A 10-Jan-16 A Planning Phase | |
| A3010 SRF Facitifity Plan Approval | 54 17-Jan-16 A 10-Mar-16 A SRF Facility Plan Approval | |
| Engineering Phase | 311 05-Feb-16A 12-Dec-16A | |
| A3100 Engineering Phase | 265 05-Feb-16 A 27-Oct-16 A Engineering Phase | |
| A3120 TDEC Approval of Contract Documents | 45 28-Oct-16 A 12-Dec-16 A | of Contract Documents |
| Construction Bidding Phase | 102 13-Dec-16A 25-Mar-17A Construction | Bidding Phase |
| A3200 Construction Bidding Phase | | Bidding Phase |
| Construction Phase | 551 26-Mar-17 A 28-Sep-18 A | truction Phase |
| A3300 Construction Phase | 551 26-Mar-17 A 28-Sep-18 A | tuction Phase |
| mplementation of CD Green Infra Projects in the CSS (FY19) | 366 30-Jan-19 A 31-Jan-20 A | Implementation of CD Green Infra Projects in the CSS (FY19) |
| Implementation of CD Green Infra Projects in the CSS (FY19) | 366 30-Jan-19 A 31-Jan-20 A | Implementation of CD Green Infra Projects in the CSS (FY19) |
| | 78 30-Jan-19 A 18-Apr-19 A | Planning Phase |
| Planning Phase A9260 Planning Phase | 78 30-Jan-19A 18-Apr-19A | Planning Phase |
| Engineering Phase | 287 19-Apr-19 A 31-Jan-20 A | Engineering Phase |
| A10050 Engineering Phase | 287 19-Apr-19 A 31-Jan-20 A | Engineering Phase |
| riar's Branch -South Chick Creek 5 Interceptor Rehab | 2099 16-Sep-15 A 14-Jun-21 A | eptor Rehab |
| | 2099 16-Sep-15 A 14-Jun-21 A | eptor Rehab |
| Friar's Branch-South Chick Creek 5 Interceptor Rehab | | |
| Planning Phase A4000 Planning Phase | 191 16-Sep-15 A 24-Mar-16 A Planning Phase 153 16-Sep-15 A 15-Feb-16 A Planning Phase | |
| A4020 SRF Facility Plan Approval | 38 16-Feb-16 A 24-Mar-16 A SRF Facility Plan Approval | |
| | | |
| Engineering Phase A4100 Engineering Phase | 602 25-Mar-16 A 17-Nov-17 A 547 25-Mar-16 A 23-Sep-17 A | |
| A4120 SRF Approval of Contract Documents | 54 24-Sep-17A 17-Nov-17A | SRF Approval of Contract Documents |
| | | |
| Construction Bidding Phase A4200 Construction Bidding Phase | 176 18-Nov-17A 13-May-18A 176 18-Nov-17A 13-May-18A | Construction Bidding Phase Construction Bidding Phase |
| | | |
| A4220 SRF Administration Phase | 29 14-Feb-18A 15-Mar-18A | SRF Administration Phase |
| Construction Phase A4300 Construction Phase | 1181 22-Mar-18A 14-Jun-21A 1181 22-Mar-18A 14-Jun-21A | Construction Phase |
| | | |
| Citico PS Reliability Improvements | 1764 01-Jul-16 A 30-Apr-21 A | |

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Actual Level of Effort \blacklozenge \blacklozenge Baseline Milestone

Actual Work

Remaining Work

| Antivity Nome | 4.0. 1.5 | Oter | Finite | | | 0011 | | 2015 | - | 046 | | 7 | 0010 | | 2010 | | 2000 | | 2004 | |
|--|---------------------------|---------------|----------------------------|---------------|-----------------------|-----------------|------------------|-----------------------|---------------|-------------------|-----------------|-------------------|-----------------|-------------|----------------|-----------------------|-----------------|-------|---------------|----------|
| Activity Name | At Completion Duration | Start | Finish | 2013 Q1 Q2 | | 2014 1 Q2 Q3 | Q4 Q1 Q: | 2015 2 Q3 Q4 | Q1 Q2 | 016 Q3 Q4 | 201 Q1 Q2 | Q3 Q4 Q1 | 2018 1 Q2 Q3 | Q4 Q1 | 2019 Q2 Q3 | Q4 Q1 | 2020 Q2 Q3 (| Q4 Q1 | 2021 Q2 Q3 | Q4 Q1 (|
| co PS Reliability Improvements | 1764 | 01-Jul-16 A | 30-Apr-21 A | | 2 2 2 | | | | | Citico PS Re | liability Impro | vements | | | | | | | • | |
| ect Procurement | 145 | 01-Jul-16 A | 23-Nov-16 A | | | | | | | Project Proc | urement | | | | | | | | | |
| 95 Development and Issuance of RFP | 21 | 01-Jul-16 A | 22-Jul-16 A | | - - - - - | | | | | Developme | nt and Issuan | ce of RFP | | | | | | | | |
| 00 Consultant develops and Submit Scope and Cost proposal | 27 | 23- Jul-16 A | 19-Aug-16 A | | | | | | | <u>C</u> onsultan | develops an | d Submit Scop | e and Cost p | proposal | | | | | | |
| | 21 | 20-00-10 A | 13-Aug-10 A | | 8 8 8 8 | | | | | _ | | | | | | | | | | |
| 05 PMO Reviews/ Negotiates and Approve Proposal / Agreement | 7 | 20-Aug-16 A | 27-Aug-16 A | | | | | | | PMO Re | views/ Negoti | ates and Appro | ove Proposa | I/Agreement | | | | | | |
| 10 PMO Approved Agreement to Council for Approval | 30 | 28-Aug-16 A | 27-Sep-16 A | | | | | | | <u>Р</u> МО Ар | proved Agree | ment to Coun | cil for Approv | al | | | | | | |
| ······································ | | g | | | | | | | | | | | | | | | | | | |
| 15 Consultant Signed Agreement to City for Execution | 57 | 27-Sep-16 A | 23-Nov-16 A | | | | | | | | Itant Signed / | Agreement to (| City for Execu | ution | | | | | | |
| nning Phase | 98 | 11-Nov-16 A | 17-Feb-17 A | | | | | | | Pla | nning Phase | | | | | | | | | |
| 00 Planning Phase | | | 17-Feb-17 A | | | | | | | Pla | nning Phase | | | | | | | | | |
| | | 10 1 | 45 11 | | | | | | | | | | | | | | | | | |
| Inp Station 05 Engineering Phase- Pump Station | | | 15-May-17 A 15-May-17 A | | | | | | | | Pump Station | n Phaise- Pump | Station | | | | | | | |
| | 113 | | maj-17 A | | | | | | | | | | | | | | | | | |
| ce Main | | | 15-May-17 A | | | | | | | | Force Main | | | | | | | | | |
| 55 Engineering Phase- Force Main | 119 | 16-Jan-17 A | 15-May-17 A | | | | | | | | rngineering | Phase- Force | wain | | | | | | | |
| np Station | 107 | 16-May-17 A | 31-Aug-17 A | | | | | | | | Pum | p Station | | | | | | | | |
| 15 Construction Bidding Phase- Pump Station | 107 | 16-May-17 A | 31-Aug-17 A | | | | | | | | | struction Biddir | ng Phase- Pu | ump Station | | | | | | |
| no Main | 107 | 16-May-17.A | 31-Aug-17 A | | | | | | | | Forc | e Main | | | | | | | | |
| Ce Main 75 Construction Bidding Phase- Force Main | | | 31-Aug-17 A | | | | | | | | Con | struction Biddir | ng Phase- Fo | orce Main | | | | | | |
| | | | | | | | | | | | | _ | | | | | | | | |
| np Station | | | 15-Jan-21 A | | 8 | | | | | | | Pump Statio | | mp Station | | | | | | |
| 25 Construction Phase- Pump Station | 1232 | 01-Sep-17 A | 15-Jan-21 A | | | | | | | | | | | | | | | - | | |
| ce Main | 760 | 01-Apr-19 A | 30-Apr-21 A | | | | | | | | | | | | Force Main | | | | • | |
| 65 Construction Phase- Force Main | 760 | 01-Apr-19 A | 30-Apr-21 A | | 5 5 5 | | | | | | | | | | Construction I | Phase- Forc | ce Màin | | | |
| ect Completion | 0 | 30-Apr-21 A | 30-Apr-21 A | | | | | | | | | | | | | | | | Project Com | npletion |
| 20 Project Competion | | | 30-Apr-21 A | | 2 2 2 2 | | | | | | | | | | | | | | Project Com | npetion |
| | 2400 | 04 000 14 0 | 20 Est 21 A | | 8 8 8 | M | 3WWTP Second | arv Clarifier I II | arades and | Additions | | | | | | 5 5 5 5 5 | | | | |
| /WTP Secondary Clarifier Upgrades and Additions | 2400 | 04-Aug-14 A | 28-Feb-21 A | | | - | | | | | | | | | | | | | | |
| WWTP Secondary Clarifier Upgrades and Additions | 2400 | 04-Aug-14 A | 28-Feb-21 A | | | M | BWWTP Second | ary Clarifier U | grades and | Additions | | | | | | | | | | |
| ect Procurement | 175 | 04-Aug-14 A | 26-Jan-15 A | | 5 5 5 5 | Pr | piect Procuremer | nt | | | | | | | | | | | | |
| 090 CD Prequalification Procurement (FY 2014 - 2015) - Development and Issuance of RFP | | | 19-Sep-14 A | | | | Prequalification | | (FY 2014 - 2 | 2015) - Deve | lopment and | Issuance of RI | FP | | | | | | | |
| | | | | | | | DuDort | | | | | | | | | | | | | |
| 100 DuPont | 18 | 20-Sep-14 A | 08-Oct-14 A | | | | DuPont | | | | | | | | | | | | | |
| 110 PMO Reviews/ Negotiates and Approve Proposal / Agreement | 27 | 09-Oct-14 A | 05-Nov-14 A | | | | PMO Reviews/ | Negotiates a | d Approve | Proposal / Aç | reement | | | | | | | | | |
| 120 PMOApproved Agreement to Council for Approval | A A | 06-Nov 14 * | 20-Nov 14 A | | | | PMO Approv | ed Aareemen | tto Council f | or Approval | | | | | | | | | | |
| 120 PMO Approved Agreement to Council for Approval | 14 | 00-N0V-14 A | 20-Nov-14 A | | | | | | | | | | | | | | | | | |
| 130 Consultant Signed Agreement to City for Execution | 66 | 21-Nov-14 A | 26-Jan-15 A | | | | Consultant | Signed Agreer | nent to City | for Executior | | | | | | | | | | |
| nning Phase | 241 | 12-Feb-15.A | 18-Jan-16 A | | | | Planni | ng Phase | | | | | | | | | | | | |
| 000 Planning Phase | | | 01-Dec-15 A | | | | | ng ⁱ Phase | T | | | | | | | | | | | |
| | | | | | | | | | | Diar | | | | | | | | | | |
| 060 SRF Facility Plan Approval | 20 | 30-Dec-15A | 18-Jan-16 A | | | | | | SKF Facility | Plan Approv | /al | | | | | | | | | |
| ineering Phase | 336 | 06-Aug-15 A | 07-Jul-16 A | | | | | Engineer | ing Phase | - | | | | | | | | | | |
| 010 Engineering | 283 | 06-Aug-15 A | 15-May-16 A | | | | | Engineer | ing | | | | | | | | | | | |
| 020 SRF Approval of Contract Documents | 50 | 16-Mov 16 * | 07-Jul-16 A | | 8 | | | | SF | FApproval | of Contract Do | ocuments | | | | | | | | |
| | 52 | 10-iviay-10 A | 07-JUE10A | | | | | | | | | | | | | | | | | |
| struction Bidding Phase | | | 27-Mar-17 A | | | | | | | | n Bidding Ph | | | | | | | | | |
| 070 Construction Bidding Phase | 183 | 20-Jul-16 A | 19-Jan-17 A | | | | | | | Construction | n Bidding Ph | ase | | | | | | | | |
| 140 SRF Administration Phase | 66 | 20-Jan-17 A | 27-Mar-17 A | | | | | | | | SRE Adminis | stration Phase | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| struction Phase | | | 28-Feb-21 A | | | | | | | | | ction Phase | ntial Complet | ion | | | | | | |
| 075 Construction - Substantial Completion | 794 | ∠o-mar-1/A | 31-May-19 A | | : | 1 | | 1 1 | 1 | 1 1 | | men - cousid | | | | | 1 | | | |

Critical Remaining... Actual Level of Effort 🔶

Summary

Actual Work

Remaining Work

Baseline Milestone

|) | Activity Name | At Completion Duration | Start | Fin | iish | 201 21 Q2 | | | 2014 2 Q3 | Q4 Q1 Q2 | 2015 2 Q3 Q4 | | 016 Q3 Q | 4 Q1 | 2017 Q2 Q3 | Q4 Q | 2018 1 Q2 Q3 | Q4 Q | 2019 1 Q2 Q3 | Q4 Q1 | 2020 Q2 Q3 | 3 Q4 Q1 | 2021 Q2 Q3 | Q4 Q | 2022 1 Q2 Q3 | 3 Q4 Q1 | 202 Q2 |
|-----------------|---|---------------------------|----------------------------|----------|-----------|-----------------------------|-----------------------|-------------|---|---------------------|-----------------|---|-------------|------------|---------------|---------------|-----------------|-----------|----------------------------|----------------|---------------|---|------------------------------|------------|-----------------|-------------|-----------|
| AL1080 | Construction - Final Completion | 638 | 01-Jun-19 <i>A</i> | A 28-Feb | b-21 A | | | | | | | | | | | | | | Cons | ruction - Fina | al Completion | | | | | | |
| ico CS | OTF PS Improvement Study | 1284 | 18-Oct-12 A | A 24-Ap | or-16 A C | SOTF PS | Improvem | nent Study | - | | | | | | | | | | | | | | | | | | |
| itico C | SOTF PS Improvement Study | 1284 | 18-Oct-12 A | A 24-Ap | r-16 A C | SOTF PS | Improvem | nent Study | | | | | | | | | | | | | | | | | | | |
| | Decree Duration (36 Months) | | 24-Apr-13 A | | | | | ee Duration | | nths) | | | | | | | | | | | | | | | | | |
| M1040 | Consent Decree Duration | 1096 | 24-Apr-13 A | A 24-Ap | or-16 A | Cons | sent Decre | e Duration | | | | | | | | | | | | | | | | | | | |
| M1050 | Consent Decree Duration Completion Milestone | 0 | | 24-Ap | or-16 A | | | | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | | C ♦ | onsent De | ecree Du | ration Con | npletion Mile | stone | | | | | | | | | | |
| - | rocurement CD Prequalification Procurement (FY 2012 - 2013) Priority I - Development and Issuance of RFP | | 18-Oct-12 A | | | Procurem | | ement (FY 2 | 2012 - 20 | 013) Priority I - D |)evelopment a | nd Issuanc | of RFP | | | | | | | | | | | | | | |
| | Consultant develops and Submit Scope and Cost proposal | | | | | | | | | d Costproposal | | | | | | | | | | | | | | | | | |
| | PMO Reviews/ Negotiates and Approve Proposal / Agreement | | | | | | | | | oposal / Agreem | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | PMO Approved Agreement to Council for Approval | | 22-Dec-12 | | | | | | | | | | | | | | | | | | | | | | | | |
| M1130 | Consultant Signed Agreement to City for Execution | | 09-Jan-13 A | | | | | reement to | City for I | Execution | | | | | | | | | | | | | | | | | |
| anning M1060 | Phase SRF Facility Plan Approval | | 23-Jan-13 A 23-Jan-13 A | | | Planning Pl SRF Facility | | oroval | - | - | | | | | | | | | | | | | | | | | |
| M1000 | Planning Phase | 656 | 23-Jan-13 A | A 10-No | v-14 A | Planning Pl | hase | | | | | - | | | | | | | | | | | | | | | |
| | ompletion Report | | 10-Nov-14 A | | | | 2 2 2 2 2 | | 1 1 1 1 1 | Project Com | pletion Report | | | | | | | | | | | | | | | | |
| | Project Completion Report | | 10-Nov-147 | | | | | | 8 | Project Com | | | | | | | | | | | | | | | | | |
| PA and T | IDEC Approvals | 0 | 10-Nov-14 A | A 10-No | v-14 A | | | | | FPA and TDE | | | | | | | | | | | | | | | | | |
| M1030 | Notification of Completion to EPA, TDEC, TCWN | 0 | 10-Nov-14 <i>A</i> | A 10-No | v-14 A | | | | | Notification o | f Completion to | EPA, TDE | C, TCWN | | | | | | | | | | | | | | |
| uth Ch | nickamauga Interceptor Improvements - Phase 1 | 913 | 01-Jul-18 A | 30-De | c-20 A | | | | 8 | | | | | | | | Sout | h Chickam | auga Interce | ptor Improve | ements - Pha | ase 1 | | | | | |
| outh C | hickamauga Interceptor Improvements - Phase 1 | 913 | 01-Jul-18 A | 30-De | c-20 A | | | | | | | | | | | | Sout | h Chickam | auga Interce | ptor Improve | ements - Pha | ase 1 | | | | | |
| - | rocurement Phase Project Procurement Phase | | 01-Jul-18 A 01-Jul-18 A | | | | | | - - - - - - - - - - - - - - - - - - - | | | | | | | | | | ment Phase ment Phase | | | | | | | | |
| | | | | | | | | | - | | | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | | | | | | | | | | | | | | |
| - | ng Phase Engineering Phase | | 29-Oct-18 A 29-Oct-18 A | | | | | | | | | | | | | | | | ering Phase ering Phase | | | | | | | | |
| onstruct | tion Bidding Phase | 129 | 06-May-19 A | A 12-Sep | p-19 A | | | | | | | | | | | | | | | ction Bidding | | | | | | | |
| 8500 | Construction Bidding Phase | 129 | 06-May-19 <i>F</i> | A 12-Sep | p-19 A | | | | | | | | | | | | | | Constru | ction Bidding | J Phase | | | | | | |
| | tion Phase Construction Phase | | 13-Sep-19 / | | | | | | | | | | | | | | | | | Construction | | | | | | | |
| | | | 30-Apr-21 A | | | | | | | | | | | | | | | | | | | | Focused | I SSES & F | Rehab - Phas | e II (FY21) | |
| | SSES & Rehab - Phase II (FY21) | | | | | | | | | | | | | | | | | | | | | - - - - - - - - - - - - - - - - - - - | | | Rehab - Phas | | |
| | d SSES & Rehab - Phase 2 (FY21) | | 30-Apr-21 A | | Ŭ | | | | - | | | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | | | | | | | | | | | | Ellad - Filas | 52(1121) | |
| anning 11140 | Phase Planning Phase | | 30-Apr-21 A 30-Apr-21 A | | - | | | | | | | | | | | | | | | | | | Planning Planning | | | | |
| tical P | ump Station Improvements Master Plan | 700 | 01-Jul-19 A | 31-Ma | iy-21 A | | | | | | | | | | | | | | Criti | cal Pump Sta | ation Improv | /ements Mast | ter Plan | | | | |
| _ | Pump Station Improvements Master Plan | 700 | 01-Jul-19 A | 31-Ma | y-21 A | | | | | | | | | | | | | | Criti | cal Pump Sta | ation Improv | /ements Mast | ter Plan | | | | |
| | rocurement | 129 | 01-Jul-19 A | 07-No | v-19 A | | | | | | | | | | | | | | Proj | ect Procuren | ment | | | | | | |
| - | Project Procurement Phase | | 01-Jul-19 A | | | | | | | | | | | | | | | | | ect Procuren | | | | | | | |
| lanning | | | 08-Nov-19 <i>F</i> | | | | | | 2 2 2 2 | | | | | | | | | | | Planning | | | | | | | |
| 10370 | Planning Phase | 381 | 08-Nov-19 <i>F</i> | A 23-No | v-20 A | | | | - | | | | | | | | | | | Planning | g Phase | | | | | | |
| - | ng Phase Engineering Phase | | 24-Dec-20 A | | - | | | | | | | | | | | | | | | | | | neering Phas neering Phas | | | | |
| inord | Colf Course DS Safety Unaveda | 2404 | 01-Nov-16 <i>A</i> | A 01-Ju | un-23 | | | | 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | | | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | Ŀ | Brainerd (| Golf Cours | e PS Safety | Upgrade | | | | | | | | | | |
| ameru | Golf Course PS Safety Upgrade | | | | | | | | 8 | | | | | | | | | | | | | | | | | | |

| Activity Name | At Completion Start Duration | Finish | 2015 2016 2017 2018 2019 2020 2021 | 2022 |
|---|--------------------------------------|--------------|--|----------------|
| rainerd Golf Course PS Safety Upgrade | 2404 01-Nov-16 A | 01-Jun-23 | Q2 Q3 Q4 Q1 Q2 Q3< | Q1 Q2 Q3 |
| | 322 01-Nov-16 A | 19-Sen-17 A | Project Procurement | |
| roject Procurement 7070 Development and Issuance of RFP | 51 01-Nov-16A | | Development and Issuance of RFP | |
| | 07 00 D - 404 | 40 1 47.4 | Consultant develops and Submit Scope and Cost proposal | |
| 7080 Consultant develops and Submit Scope and Cost proposal | 27 23-Dec-16 A | 19-Jan-17 A | | |
| 7090 PMO Reviews/ Negotiates and Approve Proposal / Agreement | 216 20-Jan-17 A | 24-Aug-17 A | PMO Reviews/ Negotiates and Approve Proposal / Agreement | |
| 7100 PMO Approved Agreement to Council for Approval | 25 25-Aug-17 A | 19-Sep-17 A | PMO Approved Agreement to Council for Approval | |
| 7110 Consultant Signed Agreement to City for Execution | 0 19-Sep-17 A | 19-Sep-17 A | Consultant Signed Agreement to City for Execution | |
| | | | Desired Dispusing | |
| oject Planning 120 Planning Phase | 156 20-Sep-17 A 156 20-Sep-17 A | | Project Planning Planning Phase | |
| | | | | |
| ngineering Phase 7130 Engineering | 265 24-Feb-18 A 265 24-Feb-18 A | | Engineering Phase Engineering | |
| | | | | |
| onstruction Bidding Phase V7150 Construction Bidding Phase | 1273 31-Oct-18 A 1273 31-Oct-18 A | | Construction Bidding Phase | |
| | | | | |
| Construction Phase A7170 Construction Phase | 402 26-Apr-22 402 26-Apr-22* | | | Construe |
| | | | | |
| Imp Station Improvements - Hixson 2 | 1440 01-Jul-19A | 09-Jun-23 | Pumpi Station Improvements - Hixson 2 | |
| ump Station Improvements - Hixson 2 | 1440 01-Jul-19A | 09-Jun-23 | Pump Station Improvements - Hixson 2 | |
| roject Procurement | 210 01-Jul-19A | 27-Jan-20 A | Project Produrement | |
| 9000 Procurement | 210 01-Jul-19A | | Procuirement | |
| anning Phase | 177 28-Jan-20 A | 23-Jul-20 A | Planning Phase | |
| 2010 Planning Phase | 177 28-Jan-20 A | | Planing Phase | |
| nineering Phase | 92 26-Oct-20 A | 26-Jap-21.4 | Engineering Phase | |
| gineering Phase 030 Engineering Phase | 92 26-Oct-20 A 92 26-Oct-20 A | | Engineering Phase | |
| netrustion Didding Disco | 111 19-Jan-22 | 09-May 22 | | Construction E |
| Instruction Bidding Phase 0040 Construction Bidding Phase | 111 19-Jan-22* | | | Construction E |
| another Dhoop | 396 10-May-22 | 00 lun 22 | | Constru |
| Destruction Phase 9050 Construction Phase | 396 10-May-22 396 10-May-22 | | | Constru |
| | 1852 03-Jan-17 A | 28 100 22 | Wet We ather Combine of Sewer Storage - Phases 1-3 | |
| et Weather Combined Sewer Storage - Phases 1-3 | 1852 US-Jan-17 A | 20-Jan-22 | | • |
| et Weather Combined Sewer Storage - Phase 1-3 | 1852 03-Jan-17 A | 28-Jan-22 | Wet We ather Combine & Sewer Storage - Phase 1-3 | • |
| roject Procurement | 304 03-Jan-17 A | 03-Nov-17 A | Project Procurement | |
| 4545 Development and Issuance of RFP | 36 03-Jan-17 A | 08-Feb-17 A | Development and Issuance of RFP | |
| 4550 Consultant develops and Submit Scope and Cost proposal | 91 09-Feb-17 A | 11-May-17 A | Consultant develops and Submit Scope and Cost proposal | |
| 4555 PMO Reviews/ Negotiates and Approve Proposal / Agreement | 112 12-May-17 A | 01-Sep-17 A | PMO Reviews/Negotiates and Approve Proposal /Agreement | |
| | | | | |
| 4560 PMO Approved Agreement to Council for Approval | 28 02-Sep-17 A | 30-Sep-17 A | PMO Approved Agreement to Council for Approval | |
| A4565 Consultant Signed Agreement to City for Execution | 33 01-Oct-17 A | 03-Nov-17 A | Consultant Signed Agreement to City for Execution | |
| lanning Phase | 222 03-Nov-17 A | 13-Jun-18 A | Planning Phase | |
| 4570 Planning Phase | 222 03-Nov-17 A | | Planning Phase | |
| ngineering Phase | 190 14-Jun-18 A | 21-Dec-18 A | Engineering Phase | |
| 4630 Engineering | 90 14-Jun-18 A | | Engineering | |
| A4635 SRF Approval of Contract Documents | 99 13-Sep-18 A | 21-Dec-18 A | SRF Approval of Contract Documents | |
| | | | | |
| Construction Bidding Phase A4640 Construction Bidding Phase | 138 06-Nov-18 A 91 06-Nov-18 A | | Construction Bidding Phase Construction Bidding Phase | |
| | 31 UU-NUV-16 A | 00-1 CD-19 A | | |

Actual Work

Remaining Work

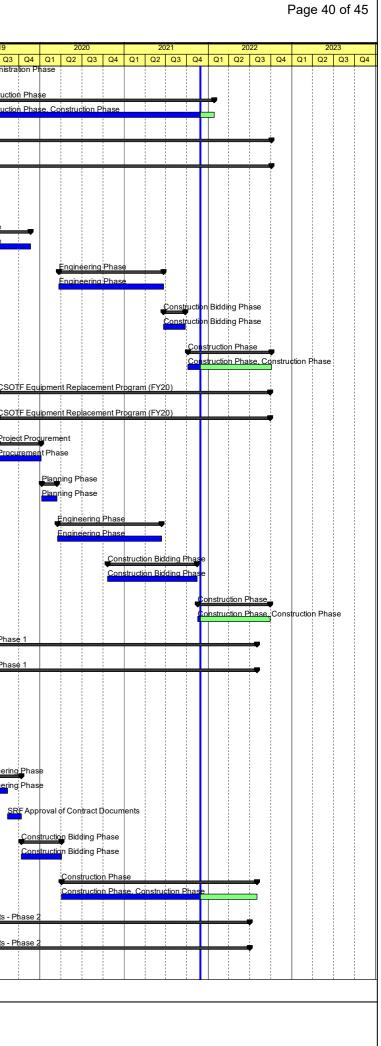
CITY OF CHATTANOOGA, TN WASTE RESOURCES DIVISION

| iivity ID | Activity Name | At Completion | Start | Finish |
|--------------------|--------------------------------------|---------------|----------------------------|---------------|
| | | Duration | | |
| A4645 | SRF Administration Phase | 46 | 06-Feb-19 A | 24-1/1ar-19 A |
| | ction Phase | | 31-Mar-19 A | |
| A4650 | Construction Phase | 1035 | 31-Mar-19 A | 28-Jan-22 |
| CSOTF In | mprovements - Phase 1 | 1768 | 01-Dec-17 A | 03-Oct-22 |
| _ | | 1768 | 01-Dec-17 A | 03-Oct-22 |
| CSOIF | Improvements - Phase 1 | 1100 | 01-000-11 A | 00-00-22 |
| | Procurement Phase | | 01-Dec-17 A | |
| A8720 | Project Procurement Phase | 350 | 01-Dec-17 A | 10-NOV-18 A |
| Planning | | | 17-Nov-18 A | |
| A8730 | Planning Phase | 370 | 17-Nov-18 A | 22-Nov-19 A |
| Engineer | ring Phase | 454 | 24-Mar-20 A | 21-Jun-21 A |
| | Engineering Phase | 454 | 24-Mar-20 A | 21-Jun-21 A |
| Construc | ction Bidding Phase | 93 | 22-Jun-21 A | 23-Sep-21 A |
| | Construction Bidding Phase | | 22-Jun-21 A | |
| Constru | ation Direct | 265 | 04-Oct-21 A | 03-Oct-22 |
| | Ction Phase Construction Phase | | 04-Oct-21 A 04-Oct-21 A | |
| | | | | |
| CSOTF E | Equipment Replacement Program (FY20) | 1185 | 01-Jul-19 A | 27-Sep-22 |
| CSOTF | Equipment Replacement Program (FY20) | 1185 | 01-Jul-19A | 27-Sep-22 |
| | Procurement | 190 | 01-Jul-19A | 07-Jan-20 A |
| | Procurement Phase | | 01-Jul-19A | |
| | | | 00 1 000 | 10.11 |
| Planning A10740 | J Phase Planning Phase | | 08-Jan-20 A 08-Jan-20 A | |
| | | | | |
| | ring Phase | | 17-Mar-20 A | |
| A11580 | Engineering Phase | 454 | 17-Mar-20 A | 14-Jun-21 A |
| | ction Bidding Phase | | 22-Oct-20 A | |
| A11640 | Construction Bidding Phase | 389 | 22-Oct-20 A | 15-Nov-21 A |
| Construc | ction Phase | 316 | 16-Nov-21 A | 27-Sep-22 |
| | Construction Phase | 316 | 16-Nov-21 A | 27-Sep-22 |
| Dobbe B | Branch Basin Improvements - Phase 1 | 1707 | 01-Dec-17 A | 03-Aug-22 |
| | | | | |
| Dobbs I | Branch Basin Improvements - Phase 1 | 1707 | 01-Dec-17 A | 03-Aug-22 |
| Project P | Procurement Phase | 304 | 01-Dec-17 A | 01-Oct-18 A |
| A8170 | Procurement Phase | 304 | 01-Dec-17 A | 01-Oct-18 A |
| Planning | I Phase | 177 | 02-Oct-18 A | 28-Mar-19 A |
| | Planning Phase | | 02-Oct-18 A | |
| Engineer | ring Phase | 106 | 29-Mar-19 A | 11-Oct-19 A |
| | ring Phase Engineering Phase | | 29-Mar-19 A 29-Mar-19 A | |
| | | | | |
| A8195 | SRF Approval of Contract Documents | 59 | 13-Aug-19 A | 11-Oct-19 A |
| Construc | ction Bidding Phase | | 12-Oct-19 A | |
| A8200 | Construction Bidding Phase | 174 | 12-Oct-19 A | 03-Apr-20 A |
| Construc | ction Phase | 852 | 04-Apr-20 A | 03-Aug-22 |
| | Construction Phase | | 04-Apr-20 A | |
| Dekke B | Branch Basin Improvements - Phase 2 | 1612 | 31-Jan-18 A | 30-Jun-22 |
| | | 1612 | 31-Jan-18 A | 30- Jun-22 |
| Lionhs | Branch Basin Improvements - Phase 2 | 1012 | ST-Sali-TOM | 00-001-22 |
| Dobbol | | | | |

Summary
 Actual Level of Effort
 Actual Level of Effort

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

Actual Work
Remaining Work



| JAN 2022 SCHEDULE UPDATE | JAN 2022 | SCHEDULE | UPDATE |
|--------------------------|-----------------|----------|--------|
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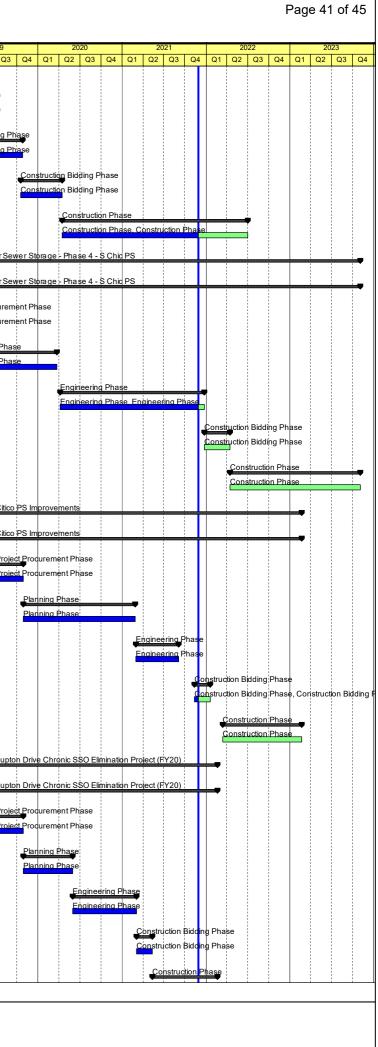
| Activity ID | Activity Name | At Completion | Start | Finish | | 2013 | | | 2014 | | 201 | 5 | | 2016 | | | 201 | 7 | | 2018 | 2019 |
|-------------|--|---------------|-------------|-------------|------|------|------|----|------------------|------|-----|---|----|------|---|----|-----|---|--------|-----------|----------------------------------|
| | | Duration | | | Q1 Q | | 3 Q4 | Q1 | | 4 Q1 | | | Q1 | | 3 Q4 | Q1 | | | | | Q4 Q1 Q2 Q3 |
| A8220 | Project Procurement Phase | 258 | 31-Jan-18 A | 16-Oct-18 A | | | | | | | | | | | | | | | Projec | -rocureme | |
| Planning | Phase | 123 | 23-Nov-18 A | 26-Mar-19 A | | ļ | | | | | | | | | | | | | | | Planning Phase Planning Phase |
| A8230 | Planning Phase | 123 | 23-Nov-18 A | 26-Mar-19 A | | - | | | | | | | | | 8 | | | | | | Planning Phase |
| Enginee | ring Phase | 262 | 05-Feb-19 A | 25-Oct-19 A | | | | | | | | | | | | | | | | | Engineering F |
| | Engineering Phase | 262 | 05-Feb-19 A | 25-Oct-19 A | | | | | 1 1 1 1 | | | | | | | | | | | | Engineering F |
| Constru | ction Bidding Phase | 181 | 17-Oct-19 A | 15-Apr-20 A | | | | | | | | | | | | | | | | | |
| A8250 | Construction Bidding Phase | 181 | 17-Oct-19 A | 15-Apr-20 A | | - | | | | | | | | | 8 | | | | | | |
| Constru | ction Phase | 806 | 16-Apr-20 A | 30-Jun-22 | | | | | | | | | | | | | | | | | |
| A8260 | Construction Phase | 806 | 16-Apr-20 A | 30-Jun-22 | | | | | | | | | | | | | | | | | |
| Wet Wea | ther Sewer Storage - Phase 4 - S Chic PS | 1768 | 01-Jan-19 A | 03-Nov-23 | | | | | | | | | | | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | | | | | Wet Weather S |
| Wet We | ather Sewer Storage - Phase 4 - S Chic PS | 1768 | 01-Jan-19 A | 03-Nov-23 | | | | | | | | | | | | | | | | | Wet Weather S |
| Project F | Procurement Phase | 47 | 01-Jan-19 A | 17-Feb-19 A | | | | | | | | | | | 1 1 1 1 1 | | | | | | Project Procure |
| A8370 | Project Procurement Phase | 47 | 01-Jan-19 A | 17-Feb-19 A | | | | | | | | | | | | | | | | | Project Procure |
| Planning | J Phase | 400 | 18-Feb-19 A | 24-Mar-20 A | | | | | | | | | | | | | | | | | Planning Ph |
| A8380 | Planning Phase | 400 | 18-Feb-19 A | 24-Mar-20 A | 1 | | - | | | | | | | | | | | | | | Planning Pha |
| Enginee | ring Phase | 626 | 07-Apr-20 A | 23-Dec-21 | | | | | | | | | | | | | | | | | |
| A8390 | Engineering Phase | 626 | 07-Apr-20 A | 23-Dec-21 | | | | | | | | | | | 8 | | | | | | |
| Constru | ction Bidding Phase | 112 | 24-Dec-21 | 14-Apr-22 | | | | | | | | | | | | | | | | | |
| A8400 | Construction Bidding Phase | 112 | 24-Dec-21* | 14-Apr-22 | | | | | | | | | | | | | | | | | |
| Constru | ction Phase | 568 | 15-Apr-22 | 03-Nov-23 | | | | | | | | | | | | | | | | | |
| A8410 | Construction Phase | 568 | 15-Apr-22 | 03-Nov-23 | | | | | | | | | | | | | | | | | |
| Citico P | S Improvements | 1333 | 01-Jul-19A | 22-Feb-23 | | | | | | | | | | | | | | | | | Çitic |
| Citico F | PS Improvements | 1333 | 01-Jul-19A | 22-Feb-23 | | | - | | | | | | | | 8 | | | | | | Citic |
| | Procurement Phase | 119 | 01-Jul-19 A | 28-Oct-19 A | | | | | | | | | | | | | | | | | Proj |
| | Project Procurement Phase | 119 | 01-Jul-19A | 28-Oct-19 A | | | | | | | | | | | | | | | | | Proj |
| Planning | I Phase | 488 | 29-Oct-19 A | 28-Feb-21 A | | | | | | | | | | | 1 1 1 1 1 | | | | | | |
| | Planning Phase | 488 | 29-Oct-19 A | 28-Feb-21 A | | | | | | | | | | | | | | | | | |
| Enginee | ring Phase | 186 | 01-Mar-21 A | 03-Sep-21 A | | | | | | | | | | | | | | | | | |
| | Engineering Phase | 186 | 01-Mar-21 A | 03-Sep-21 A | | | | | | | | | | | | | | | | | |
| Constru | ction Bidding Phase | 70 | 11-Nov-21 A | 19-Jan-22 | | | | | | | | | | | | | | | | | |
| | Construction Bidding Phase | 70 | 11-Nov-21 A | 19-Jan-22 | | | | | | | | | | | 1 1 1 1 1 | | | | | | |
| Constru | ction Phase | 346 | 14-Mar-22 | 22-Feb-23 | | | | | | | | | | | | | | | | | |
| A10250 | Construction Phase | 346 | 14-Mar-22* | 22-Feb-23 | | | | | | | | | | | | | | | | | |
| Lupton I | Drive Chronic SSO Elimination Project (FY20) | 965 | 30-Jun-19 A | 18-Feb-22 | | | | | | | | | | | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | | | | | Lup |
| Lupton | Drive Chronic SSO Elimination Project (FY20) | 965 | 30-Jun-19 A | 18-Feb-22 | | | - | | | | | | | | | | | | | | ↓ up |
| | Procurement Phase | | 30-Jun-19 A | | | | | | | | | | | | | | | | | | Pro |
| A10160 | Project Procurement Phase | 120 | 30-Jun-19 A | 28-Oct-19 A | | | | | | | | | | | | | | | | | Pro |
| Planning | | | | 01-Jun-20 A | | | | | | | | | | | 8 8 8 8 8 | | | | | | |
| A10170 | Planning Phase | | | 01-Jun-20 A | | | | | | | | | | | 8 | | | | | | |
| | ring Phase | | 01-Jun-20 A | | | | | | | | | | | | | | | | | | |
| A10180 | Engineering Phase | 276 | 01-Jun-20 A | 04-Mar-21 A | | | | | | | | | | | - | | | | | | |
| | ction Bidding Phase | | | 12-May-21 A | | | | | | | | | | | | | | | | | |
| A10190 | Construction Bidding Phase | 68 | 05-Mar-21 A | 12-May-21 A | | | | | | | | | | | | | | | | | |
| Constru | ction Phase | 282 | 13-May-21 A | 18-Feb-22 | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |

Critical Remaining.. Actual Level of Effort 🔶 Baseline Milestone

Summary

Actual Work

Remaining Work



| D | Activity Name | At Completion Duration | Start | Finish | 2013 2 Q3 | Q4 | Q1 (| 2014 Q2 Q3 | Q4 | 2015 2 Q3 | Q4 Q | 016 Q3 | Q4 Q | 20 ⁻ 1 Q2 | 17 Q3 Q4 | Q1 | 2018 Q2 (| | Q1 | Т |
|----------|--|---------------------------|-------------|----------------------------|--------------|----|-------|---------------|----|--------------|------|-----------|------|-------------------------|----------------------------|----|--------------|-----------|---------|---|
| 0200 | Construction Phase | 282 | 13-May-21 A | 18-Feb-22 | | | | | | | | | | | 8 | | | | | |
| ervie | w Park\CGCC Chronic SSO Elimination Project | 1036 | 01-Jun-19 A | 01-Apr-22 | | | | | | | | | | | | | | | | |
| ervi | ew Park\CGCC Chronic SSO Elimination Project | 1036 | 01-Jun-19 A | 01-Apr-22 | | | | | | | | | | | 8 8 8 8 | | | | | |
| ject l | Procurement Phase | 159 | 01-Jun-19 A | 07-Nov-19 A | | | | | | | | | | | 8 | | | | | |
| | Project Procurement Phase | 159 | 01-Jun-19 A | 07-Nov-19 A | | | | | | | | | | | | | | | | |
| anning | Phase | 188 | 08-Nov-19A | 14-May-20 A | | | | | | | | | | | | | | | | |
| 10120 | Planning Phase | 188 | 08-Nov-19 A | 14-May-20 A | | | | | | | | | | | 8 | | | | | |
| iginee | ring Phase | 228 | 15-May-20 A | 29-Dec-20 A | | | 1 | | | | | | | | 8 8 8 8 | | | | | |
| 0130 | Engineering Phase | 228 | 15-May-20 A | 29-Dec-20 A | | | 8 | | | | | | | | 8 | | | | | |
| nstru | tion Bidding Phase | 95 | 21-Jan-21 A | 26-Apr-21 A | | | | | | | | | | | | | | | | |
| 10140 | Construction Bidding Phase | 95 | 21-Jan-21 A | 26-Apr-21 A | | | | | | | | | | | | | | | | |
| onstru | ction Phase | 341 | 26-Apr-21 A | 01-Apr-22 | | | | | | | | | | | | | | | | |
| 10150 | Construction Phase | 341 | 26-Apr-21 A | 01-Apr-22 | | | | | | | | | | | | | | | | |
| uth C | hic 2, 3, & 4 Interceptor Rehabilitation | 1887 | 01-Jun-18 A | 31-Jul-23 | | | | | | | | | | | | | Sou | h Chic 2 | 2, 3, & | i |
| outh | Chic Creek 2, 3, & 4 Rehabilitation / South Chic 2-4 Intercept | 1887 | 01-Jun-18 A | 31-Jul-23 | | | | | | | | | | | | | Sout | h Chic C | Creek | í |
| | Procurement | 423 | 01-Jun-18 A | 29- Jul-19 A | | | 8 | | | | | | | | 2 2 2 2 2 2 | | Proje | ect Proci | ureme | 2 |
| 9720 | Procurement Phase | | 01-Jun-18 A | | | | | | | | | | | | | | Proc | uremen | t Pha | s |
| anning | Phase | 360 | 29-Jul-19 A | 23-Jul-20 A | | | | | | | | | | | | | | | | |
| .9730 | Planning Phase | | 29-Jul-19 A | 23-Jul-20 A | | | | | | | | | | | 8 | | | | | |
| nainee | ring Phase | 416 | 18-Aug-20 A | 08-Oct-21 A | | | | | | | | | | | 8 | | | | | |
| 9740 | Engineering Phase | | 18-Aug-20 A | | | | 1 | | | | | | | | 8 8 8 8 8 | | | | | |
| onstru | ction Bidding Phase | 110 | 11-Oct-21 A | 28-Jan-22 | | | | | | | | | | | | | | | | |
| 9750 | Construction Bidding Phase | 110 | 11-Oct-21 A | 28-Jan-22 | | | | | | | | | | | | | | | | |
| onstru | ction Phase | 549 | 29-Jan-22 | 31-Jul-23 | | | 1 | | | | | | | | 8 8 8 8 8 | | | | | |
| 9760 | Construction Phase | 549 | 29-Jan-22 | 31-Jul-23 | | | | | | | | | | | | | | | | |
| tonia | PS #1 Safety Upgrade | 425 | 01-Jul-19 A | 29-Aug-20 A | | | | | | | | | | | | | | | | |
| | PS #1 Safety Upgrade | 425 | 01-Jul-19A | 29-Aug-20 A | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| - | Project Procurement Phase | | | 24-Mar-20 A 24-Mar-20 A | | | | | | | | | | | 8 | | | | | |
| | | 150 | 24 Mar 20 A | 29-Aug-20 A | | | 8 | | | | | | | | 8 | | | | | |
| | I Phase Planning Phase | | | 29-Aug-20 A 29-Aug-20 A | | | | | | | | | | | | | | | | |
| | | 1260 | 01 Jul 10 A | 20-Dec-22 | | | | | | | | | | | | | | | | |
| <u> </u> | acity Improvements - Creekside Preserve | | | | | | 8 | | | | | | | | 8 | | | | | |
| S Ca | oacity Improvement - Creekside Preserve | 1269 | 01-Jul-19 A | 20-Dec-22 | | | | | | | | | | | | | | | | |
| | Procurement | | | 27-Jan-20 A | | | | | | | | | | | | | | | | |
| 10850 | Procurement Phase | 210 | 01-Jul-19 A | 27-Jan-20 A | | | | | | | | | | | 8 | | | | | |
| | Phase | | | 04-Aug-20 A | | | | | | | | | | | 8 8 8 8 | | | | | |
| 10860 | Planning Phase | 189 | 28-Jan-20 A | 04-Aug-20 A | | | | | | | | | | | | | | | | |
| | ring Phase | | 05-Aug-20 A | | | | 8 | | | | | | | | | | | | | |
| 410870 | Engineering Phase | 573 | 05-Aug-20 A | 28-Feb-22 | | | | | | | | | | | | | | | | |
| idding | | | 01-Mar-22 | | | | 8 | | | | | | | | - - | | | | | |
| 410880 | Construction Bidding Phase | 94 | 01-Mar-22* | 02-Jun-22 | | | - | | | | | | | | - 8 8 8 | | | | | |
| | ction Phase | | 03-Jun-22 | 20-Dec-22 | | | - | | | | | | | | | | | | | |
| A10890 | Construction Phase | 201 | 03-Jun-22* | 20-Dec-22 | | | - | | | | | | | | | | | | | |

Actual Level of Effort 🔶

Summary

Actual Work

Remaining Work

Critical Remaining... Baseline Milestone

| 200 201 202 202 401 02 03 04 01 02 03 01 02 03 01 | | | | | | | | | | | | | | г | ag | e 42 | | 45 |
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| veiw Park/CGCC Chrone SSO Elimination Project veiw Park/CGCC Chrone SSO Elimination Project the park of the construction Store Elimination Project the park of the construction Phase | 3 0 | 24 | Q1 | Q2 | Q3 | Q4 | Q1 | | | | | | | | | Q2 | Q3 | Q4 |
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| rnia PS #1 Safety Upgrade edimenta Phase Engineering Phase Construction Bidding Phase Construction Phase Construction Phase Construction Phase Construction Phase Construction Phase Construction Bidding Phase Construction Bidding Phase Construction Phase Phase Phase Phase Construction Phase Construction Phase Phase Phase Phase Construction Phase Phas | | Plar | ning | Phase | | | | | | | | | | | | | | |
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| or Rehabilitation | | | | | | | | Con | struct | on F | hase | | | | | | | : : : |
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| Engineering Phase Engineering Phase, Engineering Phase Bidding Phase Construction Bidding Phase Construction Phase | | | - | | | | | | | | | | | | | | | |
| Engineering Phase, Engineering Phase Bidding Phase Construction Bidding Phase Construction Phase | | | Plan | ning F | hase | | | | | | | | | | | | | |
| Engineering Phase, Engineering Phase Bidding Phase Construction Bidding Phase Construction Phase | | | | | Enc | lineor | na Dh | 950 | | | | | | | | | | |
| Bidding Phase Construction Bidding Phase <u>Construction P</u> hase | | | | | | | | | naina | prin | 1 Phase | | | | | | | |
| Construction Bidding Phase Construction Phase | | | | | | meen | יע רוו | ase, E | -ngine | enti ! | , ruase | | | | | | | |
| Construction Bidding Phase Construction Phase | | | | | | | | | | | Bi | ddina | Phase | | | | | |
| <u>Construction</u> Phase | | | | | | | | | | | | | | | p Pha | se | | |
| | | | | | | | | | | | | | | | [| | | |
| Construction Phase | 1 | | | | | | | | | | | С | onstru | ction | Phase | | | |
| | | - 1 | | | | | | | | | | - | | - | 1 | : : | | |
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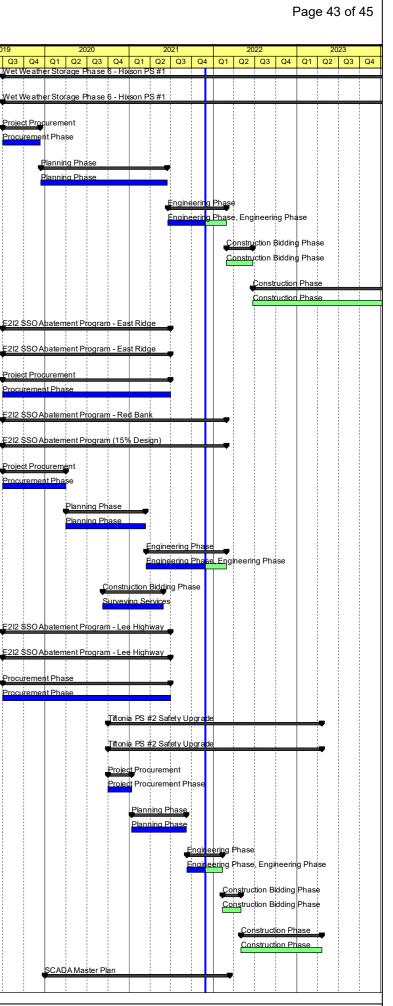
| | Duration | | | 01 0 | 2 02 | 04 | 01 0 | 02 0 | 3 04 | Q1 C | 2 02 | 04 | 01 | 02 | 03 0 | 04 01 | 02 | 03 0 | 04 01 | 1 02 | 03 0 |
|---|----------|------------------------|----------------------------|------|------|----|------|------|------|------|-------|----|----|----|------|-------|----|------|-------|------|-------|
| et Weather Storage Phase 6 - Hixson PS #1 | 1827 | 01-Jul-19 A | 30-Jun-24 | | 2 03 | Q4 | | | 5 04 | | 12 03 | 04 | | QZ | | 24 01 | Q2 | 0.5 | | Q2 | 0.5 0 |
| Vet Weather Storage P hase 6 - Hixson PS #1 | 1827 | 01-Jul-19 A | 30-Jun-24 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| Project Procurement A9410 Procurement Phase | | | 12-Dec-19 A | | | | | | | | | | | | | | | | | | |
| A9410 Procurement Phase | 104 | 01-Jul-19A | 12-Dec-19 A | | - | | | | | | | | | | | | | | | | |
| Planning Phase | 552 | 13-Dec-19A | 17-Jun-21 A | | | | | | | | | | | | | | | | | | |
| A9420 Planning Phase | 552 | 13-Dec-19A | 17-Jun-21 A | | | | | | | | | | | | | | | | | | |
| Engineering Phase | 256 | 18-Jun-21 A | 28-Feb-22 | | | | | | | | | | | | | | | | | | |
| A9430 Engineering Phase | 256 | 18-Jun-21 A | 28-Feb-22 | | | | | | | | | | | | | | | | | | |
| Construction Bidding Disco | 114 | 01-Mar-22 | 22-Jun-22 | | - | | | | | | | | | | | | | | | | |
| Construction Bidding Phase A9440 Construction Bidding Phase | | 01-Mar-22 | 22-Jun-22 | | - | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| Construction Phase | | 23-Jun-22 | 30-Jun-24 | | | | | | | | | | | | | | | | | | |
| A9450 Construction Phase | 739 | 23-Jun-22 | 30-Jun-24 | | | | | | | | | | | | | | | | | | |
| 2l2 SSO Abatement Program - East Ridge | 730 | 01-Jul-19A | 29-Jun-21 A | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| E2I2 SSO Abatement Program - East Ridge | 730 | 01-Jul-19 A | 29-Jun-21 A | | | | | | | | | | | | | | | | | | |
| Project Procurement | 730 | 01-Jul-19A | 29-Jun-21 A | | - | | | | | | | | | | | | | | | | |
| A9360 Procurement Phase | 730 | 01-Jul-19 A | 29-Jun-21 A | | | | | | | | | | | | | | | | | | |
| | 074 | 04 1 1 40 1 | 00 5 1 00 | | | | | | | | | | | | | | | | | | |
| 2l2 SSO Abatement Program - Red Bank | 974 | 01-Jul-19 A | 28-Feb-22 | | - | | - | | - | | | | | | | | | | | | |
| E2I2 SSO Abatement Program (15% Design) | 974 | 01-Jul-19A | 28-Feb-22 | | - | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| Project Procurement A11590 Procurement Phase | | | 01-Apr-20 A 01-Apr-20 A | | - | | - | | | | | | | | | | | | | | |
| ATTSO FICULEILETTETASE | 213 | 01-30-13A | 01-Api-20A | | | | | | | | | | | | | | | | | | |
| Planning Phase | 347 | 01-Apr-20 A | 14-Mar-21 A | | | | | | | | | | | | | | | | | | |
| A11600 Planning Phase | 347 | 01-Apr-20 A | 14-Mar-21 A | | | | - | 8 | | | | | | | | | | | | | |
| Engineering Phase | 351 | 15-Mar-21 A | 28-Feb-22 | | - | | | | | | | | | | | | | | | | |
| A11610 Engineering Phase | | 15-Mar-21 A | | | - | | | | | | | | | | | | | | | | |
| | | | | | | | 8 | | | | | | | | | | | | | | |
| Construction Bidding Phase | | | 31-May-21 A | | | | | | | | | | | | | | | | | | |
| A11620 Surveying Services | 264 | 09-5ep-20 A | 31-May-21 A | | | | | | | | | | | | | | | | | | |
| 2l2 SSO Abatement Program - Lee Highway | 730 | 01-Jul-19A | 29-Jun-21 A | | | | | | | | | | | | | | | | | | |
| | | 01.00 | 29-Jun-21 A | | - | | | | | | | | | | | | | | | | |
| E2I2 SSO Abatement Program - Lee Highway | /30 | 01-Jul-19A | 29-Jun-21 A | | | | 8 | | | | | | | | | | | | | | |
| Procurement Phase | 730 | 01-Jul-19 A | 29-Jun-21 A | | | | | | | | | | | | | | | | | | |
| A9500 Procurement Phase | 730 | 01-Jul-19 A | 29-Jun-21 A | | | | | | | | | | | | | | | | | | |
| ittonia BS #2 Safatu I Ingrada | 930 | 01-Oct-20 A | 18-Apr-23 | | | | | | | | | | | | | | | | | | |
| iftonia PS #2 Safety Upgrade | | 51 000 20 M | 10 10 10 20 | | - | | | | | | | | | | | | | | | | |
| Tiftonia PS #2 Safety Upgrade | 930 | 01-Oct-20 A | 18-Apr-23 | | | | | | | | | | | | | | | | | | |
| Project Procurement | 103 | 01-Oct-20.4 | 12-Jan-21 A | | | | 8 | | | | | | | | | | | | | | |
| A10680 Project Procurement Phase | | | 12-Jan-21 A | | - | | | | | | | | | | | | | | | | |
| · | | | | | | | | | | | | | | | | | | | | | |
| Planning Phase | | | 08-Sep-21 A | | | | | | | | | | | | | | | | | | |
| A10690 Planning Phase | 238 | 13-Jan-21 A | 08-Sep-21 A | | | | | - | | | | | | | | | | | | | |
| Engineering Phase | 156 | 09-Sep-21 A | 11-Feb-22 | | | | | 8 | | | | | | | | | | | | | |
| A10700 Engineering Phase | 156 | 09-Sep-21 A | 11-Feb-22 | | - | | | | | | | | | | | | | | | | |
| | | 40 5 1 55 | 00.11 | | - | | | | | | | | | | | | | | | | |
| Construction Bidding Phase A10710 Construction Bidding Phase | 80 80 | 12-Feb-22 12-Feb-22 | 02-May-22 02-May-22 | | | | | | | | | | | | | | | | | | |
| | 80 | 12-1 50-22 | 02-1viay-22 | | - | | 1 | 1 | | | | | | | | | | | | | |
| Construction Phase | 351 | 03-May-22 | 18-Apr-23 | | | | | | | | | | | | | | | | | | |
| A10720 Construction Phase | 351 | 03-May-22 | 18-Apr-23 | | | | | | | | | | | | | | | | | | |
| | | | | | 1 | | | | | | | | | 1 | 1 | | | | | | |

Actual Level of Effort \blacklozenge \blacklozenge Baseline Milestone

Actual Work

Remaining Work

JAN 2022 SCHEDULE UPDATE

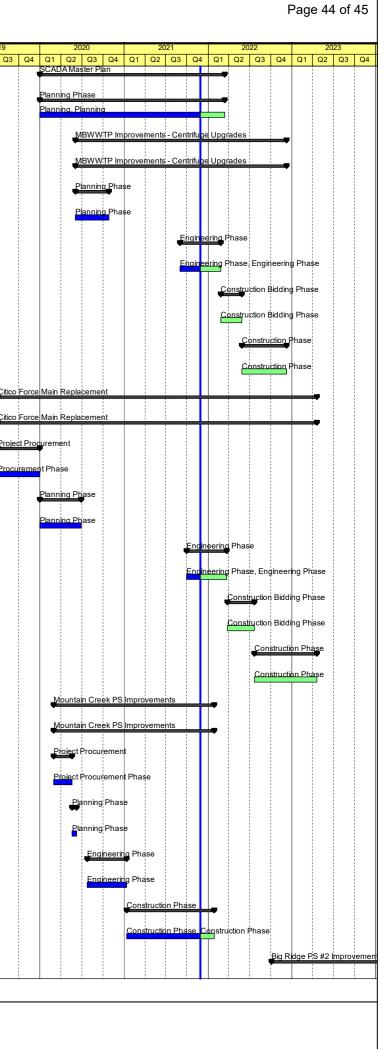


| ID Activity Name | At Completion Duration | Start | Finish | Q1 0 | 2013 22 Q3 | Q4 | Q1 | 2014 Q2 Q3 | 3 Q4 | Q1 | 2015 Q2 Q3 | 3 Q4 | Q1 | Q2 0 | 23 Q | 4 Q1 | Q2 | 17 Q3 Q4 | Q1 (| 20 22 |
|---|---------------------------|-------------|-------------|------|---------------|----|----|---------------|---|----|---------------|------|----|------|------|------|----|-------------|------|----------|
| DA Master Plan | 805 | 31-Dec-19 A | 14-Mar-22 | | | | | | | | | | | | | | | | | |
| nning Phase | 805 | 31-Dec-19A | 14-Mar-22 | | | | | | | | | | | | | | | | | |
| 050 Planning | 805 | 31-Dec-19A | 14-Mar-22 | | | | | | | | | | | | | | | | | |
| WTP Improvements - Centrifuge Upgrades | 919 | 04-Jun-20 A | 09-Dec-22 | | | | | | | | | | | | | | | | | |
| WWTP Improvements - Centrifuge Upgrades | 919 | 04-Jun-20 A | 09-Dec-22 | | | | | | | | | | | | | | | | | |
| lanning Phase | 144 | 04-Jun-20 A | 26-Oct-20 A | | | | | | | | | | | | | | | | | |
| A11710 Planning Phase | 144 | 04-Jun-20 A | 26-Oct-20 A | | | | | | | | | | | | | | | | | |
| Engineering Phase | 179 | 31-Aug-21 A | 25-Feb-22 | | | | | | | | | | | | | | | | | |
| A11720 Engineering Phase | 179 | 31-Aug-21 A | 25-Feb-22 | | | | | | | | | | | | | | | | | |
| Construction Bidding Phase | 91 | 26-Feb-22 | 27-May-22 | | | | | | | | | | | | | | | | | |
| A11730 Construction Bidding Phase | 91 | 26-Feb-22 | 27-May-22 | | | | | | | | | | | | | | | | | |
| Construction Phase | 196 | 28-May-22 | 09-Dec-22 | | | | | | - | | | | | | | | | - | | |
| A118120 Construction Phase | 196 | 28-May-22 | 09-Dec-22 | | | | | | | | | | | | | | | | | |
| itico Force Main Replacement | 1389 | 01-Jul-19 A | 19-Apr-23 | | | | | | | | | | | | | | | | | |
| itico Force Main Replacement | 1389 | 01-Jul-19 A | 19-Apr-23 | | | | | | 8 8 8 8 8 8 8 8 8 8 8 8 8 | | | | | | | | | | | |
| Project Procurement | 183 | 01-Jul-19 A | 31-Dec-19 A | | | | | | | | | | | | | | | | | |
| A8070 Procurement Phase | 183 | 01-Jul-19 A | 31-Dec-19 A | | | | | | | | | | | | | | | | | |
| Planning Phase | 181 | 01-Jan-20 A | 30-Jun-20 A | | | | | | | | | | | | | | | | | |
| A8080 Planning Phase | 181 | 01-Jan-20 A | 30-Jun-20 A | | | | | | | | | | | | | | | | | |
| ngineering Phase | 176 | 30-Sep-21 A | 24-Mar-22 | | | | | | 8 | | | | | | | | | | | |
| 18090 Engineering Phase | 176 | 30-Sep-21 A | 24-Mar-22 | | | | | | | | | | | | | | | | | |
| Construction Bidding Phase | 118 | 25-Mar-22 | 20-Jul-22 | | | | | | | 8 | | | | | | | | | | |
| A8100 Construction Bidding Phase | | 25-Mar-22* | 20-Jul-22 | | | | | | | | | | | | | | | | | |
| Construction Phase | | 21-Jul-22 | 19-Apr-23 | | | | | | | | | | | | | | | | | |
| A8110 Construction Phase | 273 | | 19-Apr-23 | | | | | | | | | | | | | | | | | |
| | | 01-Mar-20 A | | | | | | | | | | | | | | | | | | |
| ountain Creek PS Improvements | | 01-Mar-20 A | | | | | | | | | | | | | | | | | | |
| Mountain Creek PS Improvements | | | | | | | | | | | | | | | | | | | | |
| Project Procurement | | 01-Mar-20 A | | | | | | | | | | | | | | | | | | |
| A10060 Project Procurement Phase | | 01-Mar-20 A | | | | | | | | | | | | | | | | | | |
| Planning Phase | | 19-May-20 A | | | | | | | | | | | | | | | | | | |
| A10070 Planning Phase | | 19-May-20 A | | | | | | | | | | | | | | | | | | |
| Engineering Phase | 172 | 23-Jul-20 A | 11-Jan-21 A | | | | | | | | | | | | | | | | | |
| A10080 Engineering Phase | 172 | 23-Jul-20 A | 11-Jan-21 A | | | | | | | | | | | | | | | | | |
| Construction Phase | 382 | 12-Jan-21 A | 28-Jan-22 | | | | | | | | | | | | | | | | | |
| A10100 Construction Phase | 382 | 12-Jan-21 A | 28-Jan-22 | | | | | | | | | | | | | | | | | |
| Big Ridge PS #2 Improvements | 818 | 03-Oct-22 | 28-Dec-24 | | | | | | | | | | | | | | | | | |

Actual Level of Effort \blacklozenge \blacklozenge Baseline Milestone

Actual Work

Remaining Work



| | At Completion Duration | Start | Finish | Q1 Q2 | 013 Q3 Q4 | 2014 Q1 Q2 0 | Q3 Q4 Q1 Q | 2015 2 Q3 Q4 | 20 Q1 Q2 | 016 Q3 Q4 | 0 | 2 1 Q2 | 2017 1 Q2 Q3 Q | 2017 1 Q2 Q3 Q4 Q1 Q2 | 2017 2018 1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 | 1 02 03 04 01 02 03 04 01 0 | 1 02 03 04 01 02 03 04 01 02 03 04 01 02 03 | 1 02 03 04 01 02 03 04 01 02 03 04 01 02 03 04 0 | 1 02 03 04 01 02 03 04 01 02 03 04 01 02 | 2017 2018 2019 2020 1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 < |
|--|---------------------------|-------------|-----------|-------|--------------|-----------------|------------|-----------------|-------------|---|---|-----------|-------------------|--------------------------|-------------------------------------|-----------------------------|---|--|--|--|
| g Ridge PS #2 Improvements | 818 | 03-Oct-22 | 28-Dec-24 | | | <u></u> | | | | | | | | | | | | | | |
| t Procurement | 93 | 03-Oct-22 | 03-Jan-23 | | | | | | | | | | | | | | | | | |
| 580 Project Procurement Phase | 93 | 03-Oct-22* | 03-Jan-23 | | | | | | | | | | | | | | | | | |
| ining Phase | 90 | 04-Jan-23 | 03-Apr-23 | | | | | | | | | | | | | | | | | |
| 10590 Planning Phase | 90 | 04-Jan-23* | 03-Apr-23 | | | | | | | | | | | | | | | | | |
| Engineering Phase | 180 | 04-Apr-23 | 30-Sep-23 | | | | | | | | | | | | | | | | | |
| 10600 Engineering Phase | 180 | 04-Apr-23 | 30-Sep-23 | | | | | | | | | | | | | | | | | |
| onstruction Bidding Phase | 90 | 01-Oct-23 | 29-Dec-23 | | | | | | | | | | | | | | | | | |
| A10610 Construction Bidding Phase | 90 | 01-Oct-23 | 29-Dec-23 | | | | | | | | | | | | | | | | | |
| onstruction Phase | | | 28-Dec-24 | | | | | | | | | | | | | | | | | |
| A10620 Construction Phase | | | 28-Dec-24 | | | | | | | | | | | | | | | | | |
| | | | 23-Jun-26 | | | | | | | - 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 | | | | | | | | | | |
| ighland Park PS Improvements | | | | | | | | | | | | | | | | | | | | |
| lighland Park PS Improvements | | | 23-Jun-26 | | | | | | | | | | | | | | | | | |
| Project Procurement | | | 31-Dec-22 | | | | | | | | | | | | | | | | | |
| A11050 Procurement Phase | 90 | 03-Oct-22* | 31-Dec-22 | | | | | | | | | | | | | | | | | |
| Planning Phase | 150 | 01-Jan-23 | 30-May-23 | | | | | | | | | | | | | | | | | |
| A11060 Planning Phase | 150 | 01-Jan-23 | 30-May-23 | | | | | | | | | | | | | | | | | |
| Engineering Phase | 300 | 31-May-23 | 25-Mar-24 | | | | | | | | | | | | | | | | | |
| A11070 Engineering Phase | 300 | 31-May-23 | 25-Mar-24 | | | | | | | - 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 | | | | | | | | | | |
| onstruction Bidding Phase | 90 | 26-Mar-24 | 23-Jun-24 | | | | | | | | | | | | | | | | | |
| A11080 Construction Bidding Phase | 90 | 26-Mar-24 | 23-Jun-24 | | | | | | | | | | | | | | | | | |
| Construction Phase | 730 | 24-Jun-24 | 23-Jun-26 | | | | | | | | | | | | | | | | | |
| A11090 Construction Phase | 730 | 24-Jun-24 | 23-Jun-26 | | | | | | | | | | | | | | | | | |
| mp Station Improvements (FY21) | 697 | 16-Aug-21 A | 13-Jul-23 | | | | | | | | | | | | | | | | | |
| ump Station Improvements Big Ridge #5 (FY21) | | | 13-Jul-23 | | | | | | | | | | | | | | | | | |
| lanning Phase | | | 17-Dec-21 | | | | | | | | | | | | | | | | | |
| 19120 Planning Phase | | | 17-Dec-21 | | | | | | | | | | | | | | | | | |
| | | | 29-Jun-22 | | | | | | | | | | | | | | | | | |
| ngineering Phase | | | | | | | | | | - 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 | | | | | | | | | | |
| \9130 Engineering Phase | | 18-Dec-21* | 29-Jun-22 | | | | | | | | | | | | | | | | | |
| Construction Bidding Phase | 197 | 30-Jun-22 | 12-Jan-23 | | | | | | | | | | | | | | | | | |
| A9140 Construction Bidding Phase | 197 | 30-Jun-22* | 12-Jan-23 | | | | | | | | | | | | | | | | | |
| Construction Phase | 182 | 13-Jan-23 | 13-Jul-23 | | | | | | | - 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 | | | | | | | | | | |
| A9150 Construction Phase | 182 | 13-Jan-23* | 13-Jul-23 | | | | | | | | | | | | | | | | | |

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CITY OF CHATTANOOGA, TN WASTE RESOURCES DIVISION

Actual Work Remaining Work