
TO: Carl Luck, Sewer Commission Chairman, Town of Lunenburg DATE: April 11, 2016

FROM: Matthew Corbin, Wright-Pierce PROJECT NO.: 13882A

SUBJECT: Summary of Revisions to CWMP Phase IV Report

This memo summarizes the major revisions made to the town of Lunenburg’s Comprehensive Wastewater Management Plan (CWMP) Phase IV Report – Final Recommended Wastewater Management Plan. Other minor edits were made throughout the updated report.

Executive Summary

- Clarifies that only Phase IV report was updated in 2016.
- A summary of changes to report figures is at the end of this memo.
- Section ES.5.1.2 – Originally the Town had not decided who would purchase and own/maintain the grinder pumps. Updated language is “Town decided to place ownership, construction and operation and maintenance responsibility (including costs) on the property owner during construction of Phase IV sewer service zones in Areas 6 and 9 in 2015.”
- Section ES.5.2 – 1st paragraph states that 2016 update had only feedback from the Town’s Sewer Commission (i.e. other Town Boards and other entities were not solicited for feedback).
- Section ES.5.2 – updated to show key revisions to the recommended plan from 2010 and 2016.
- Section ES.6 – updated to reflect proposed routing of all of the needs areas to Leominster and none to Fitchburg. The original Phase IV report had Areas 4 and 10F flowing to Fitchburg.

Section 1

- Clarifies that only Phase IV report was updated in 2016.
- Section 1.3 – states that only stakeholders involved in 2016 update were the Town’s Sewer Commission.

Section 2

- Section 2.10.3 – updated I/I estimate based on Weston and Sampson’s I/I reports.
- Section 2.11 – updated as starting year is 2016 and 20-year planning period ends in 2036. Used an updated population projection from University of Massachusetts Donahue Institute, which projects only 5% growth in the Town compared to 16% in original Phase IV report.

- Section 2.11.3 – updated new and proposed developments from feedback from Sewer Commission.

Section 3

- Introduction – updated to show key revisions to the recommended plan from 2010 and 2016.
- Section 3.2 – updated based on for the revised 2013 IMA between the Town and city of Fitchburg.

Section 4

- Section 4.3.1 – updated to add Area 4 and Area 10F to the Leominster regional solution.
- A summary of changes to report figures is at the end of this memo.
- Section 4.3.1 – Tables 4-1 and 4-2 updated to show Areas 4 and 10F as part of the Leominster regional solution.
- Section 4.3.2 – updated to remove Area 4 and Area 10F from the Fitchburg regional solution.
- Section 4.3.2 – Table 4-3 and updated to remove Area 4 and Area 10F from the Fitchburg regional solution.
- Section 4.5.1 – updated Table 4-4 to clarify the water balance.
- Section 4.6 – The unit costs were updated based on recent bid projects. The project costs were updated based on updated unit costs.
- Section 4.6.3.1 – Revised the projects for the Leominster regional solution:
 - Project A – Areas 6 and 9
 - Project B – Area 4
 - Project C – Areas 10, 12, and 15
 - Project D – Area 25
- Section 4.6.6 – updated user costs.
- Section 4.8 – updated implementation plan.

Section 5

- Section 5.2 – added following sentence to last paragraph – “The summary of the updates to the Phase IV Final Recommended Plan will take place at the Annual Town Meeting in May 2016.”

Appendices

- Appendix F – Added this appendix which contains the Town-approved Sewer Service Map.
- Appendix G – formerly Appendix F.
- Appendix H – formerly Appendix G.
- Appendix I – new appendix and will be public meeting presentation at Town’s annual town meeting in May 2016 (to be added after the meeting).

Summary of changes to Figures

Figure	Title	Revisions
ES-1	Needs Areas	Updated to show recent sewer extensions in Areas 6 and 9
ES-2	Sewer Service Area Map	Updated to show recent sewer extensions in Areas 6 and 9
4-1	Needs Areas	Updated to show recent sewer extensions in Areas 6 and 9
4-2	Regional Alternative to Leominster - Areas 6, 9, 10L, 12, 15, & 25	Updated to show re-routing to Leominster
4-3	Regional Alternative to Leominster - Sewer Service Zone 6	Became Fig 4-4 and updated show recent sewer extension
4-4	Regional Alternative to Leominster - Sewer Service Zone 9	Became Fig 4-5 and updated show recent sewer extension
4-5	Regional Alternative to Leominster - Sewer Service Zone 10L	Became Fig 4-6, combined with Area 10F, and shows all flow to Leominster
4-6	Regional Alternative to Leominster - Sewer Service Zone 12	Became Fig 4-7
4-7	Regional Alternative to Leominster - Sewer Service Zone 15	Became Fig 4-8
4-8	Regional Alternative to Leominster - Sewer Service Zone 25	Became Fig 4-9
4-9	Regional Alternative to Fitchburg - Sewer Service Zones 4, & 10F	Deleted
4-10	Regional Alternative to Fitchburg - Sewer Service Zone 4	Became Fig 4-3 and shows flow re-routed to Leominster
4-11	Regional Alternative to Fitchburg - Sewer Service Zone 10F	Became Fig 4-6, combined with Area 10L, and shows all flow to Leominster