

NORTH FRONT RANGE WATER QUALITY PLANNING ASSOCIATION

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August 10, 2011

Sidney Innerebner
Indigo Water Group
626 West Davies Way
Littleton, Colorado 80120

Subject: Town of Erie Wastewater Utility Plan

Dear Ms. Innerebner:

On behalf of the Utility Plan Review Committee, I would like to thank you and the other Town of Erie representatives for attending the Utility Plan review meeting last week. I feel the meeting was very productive and has established an outline for moving forward with this plan.

The committee reviewed their comments of the plan with you at the meeting. Following is a brief description of the main comments provided in the meeting as well as additional comments provided by committee members not present at the meeting. These comments have been outlined by section. This list reflects the issues that need to be addressed in order for the committee to find that all guidance requirements have been met.

Section 1 - Executive Summary:

- Page 1-3: It was suggested that the first sentence under “Implementation Schedule and Timing Issues” should be moved to the following section.
- Table 1-3: The column heading should read “ppd” as opposed to “ppcd”. In addition, the values for annual average ammonia should be verified.
- Page 1-8: The language regarding rates for 2009 in the second to the last paragraph should be updated. This information should also be consistent with information on 3-9.

Section 2 - Introduction:

- Figure 2-1: The proposed 208 Wastewater Utility Service Area (WUSA) boundary for the Town of Erie should be clearly shown (please see comments below in Section 4 regarding the WUSA). The existing 208 WUSA boundaries for the Town and the neighboring entities (as provided in the NFRWQPA GIS data) should also be shown. It was noted at the meeting that a second map may be needed to clearly show these boundaries. This clarification should be carried through in all figures of the plan showing a planning area and/or a proposed 208 WUSA boundary.

Section 3 General Planning:

- Page 3-1: It was suggested that language be added to note that the Lafayette plant is “up-hill” from the Erie facilities.
- Page 3-1: The cost of \$120 per linear foot for a force main should be verified throughout this section.
- Page 3-1: It appears as though the consolidation of facilities information was developed as part of the plan to build the NWRf. Since that facility has now been built it is suggested that this information is no longer necessary. It is suggested that this information be removed from the plan and the previous studies / information be referenced.
- Figure 3-1: The Weld County Tri-Area treatment facility shown on this figure is no longer in service and has been decommissioned.

- Page 3-8: In this section, and throughout the plan, the language regarding Colorado's proposed nutrient criteria should be updated per the July draft regulations. In addition, the values proposed by the state in the latest draft should be attainable using BNR.
- Page 3-13: Please provide information to indicate whether a LOMR was done and the anticipated impacts to the storage reservoir, given the bank elevation, in the event of a flood.
- Figure 3:10: A description of the blue line on the figure should be provided in the legend.

Section 4 – Wastewater Characteristics:

- Figure 4-1: The language in this section and the boundary shown on Figure 4-1 create an overlapping 208 WUSA conflict with St. Vrain Sanitation District. There is no discussion of how this overlapping conflict is being resolved with the District. The City will need to work with the District to resolve these issues prior to the plan being submitted for approval. The agreed upon 208 WUSA boundaries should be clearly defined in this figure and all other figures in the plan showing a proposed 208 WUSA boundary. Please refer to the NFRWQPA Utility Plan Guidance for additional information on WUSA conflicts.
- Page 4-2: The discussion in the last paragraph should be consistent with the proposed 208 WUSA boundary shown in Figure 4-1 and discussed above.
- Page 4-3: The third paragraph discusses an area, Wyndham Hill in Frederick, which is currently served by St. Vrain Sanitation District. However, this area was included in the planning area for Erie. It is not clear why an area that already has service by another entity is being included in the Town's planning area.
- Page 4-3: It was suggested that a note be added to the final paragraph which references additional collection system information in follow-up sections.
- Page 4-6: A development map is listed as figure 4-5 however, this map was not included.
- Page 4-10: Consistent populations for 2010 and 2011 (current) should be used throughout the plan.
- Page 4-12: It was suggested that 2010 data be added to the tables in this section.
- Page 4-21: A reference is made to Table 4-18 in the first paragraph. This should read Table 4-20.
- Page 4-24: It was suggested that a graph be added to show the flow projections and the planned capacity increases over time.

Section 5 – Evaluation of Wastewater Treatment Facilities:

- Page 5-13: A reference is made to Table 5-17 in the first paragraph under "SWRF Secondary Treatment Process". This should read Table 5-16.
- Page 5-15: Average lines should be added to the bottom of Tables 5-20 and 5-21.

Section 6 – Collection System:

- Figure 6-3: This figure should be enlarged.
- Page 6-3: The "Lift Station" section should be updated to show the current status.
- Page 6-7: It should be noted that both DRCOG and NFRWQPA have the same peaking factor calculation recommendation.
- Page 6-11: Information in the Utility Plan should be checked to ensure that all future Site Applications can be supported.
- Page 6-20: The locations of all future lift stations should be identified.

Section 7 – Water Quality Characterization:

- Page 7-2: The "Denver Regional Council of Governments" section should be clarified to show that only the 208 planning responsibilities were turned over to the state.

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- Page 7-4: Recreation Class “1a” should be changed to Class “E”.
- Page 7-17: The list of treatment facilities should be checked to ensure that those in the NFRWQPA planning region are also included.

Section 8 – Alternatives Analysis:

- General comment: It is not clear what the timing of the proposed expansions will be.
- Page 8-3: The language in the second paragraph should be updated. In addition, the potential for a re-rating of the NWRf as discussed. This alternative should be added to the plan.
- Page 8-9, 14, and 23: Several tables are listed incorrectly and should be corrected.

Section 9 – Management and Financial Plans:

- Page 9-1: The third paragraph under “Management Structure and Agreements” should be updated to show the current DRCOG management roll.

General Comments:

- All typographical errors pointed out during the meeting should be corrected.
- All figures should be clearly labeled.
- Information on the public participation process should be added to the plan.

At the review meeting it was agreed to provide the requested information as part of a revised Utility Plan which would be submitted electronically with the changes tracked. It was also agreed that only the Appendices that changed would need to be resubmitted with the revisions. Once a revised plan has been submitted it will again be circulated to the committee for review. Once the committee has reviewed the information they will determine whether there are any unresolved issues remaining for the plan. Once all issues have been resolved the plan will be placed on the agenda for consideration by the Association. Following action by the Association, a final copy of the plan (hard copy and electronic copy) which includes all the changes will need to be submitted. A timeframe for the submittal of the revisions was also discussed however there was no timeframe set for receiving this revised information.

Again, I would like to thank you for your assistance in the review process. If you have any questions or need additional information please contact me at (970) 962-2785.

Sincerely,

Connie O’Neill
Manager

cc: Utility Plan Review Committee
Gary Behlen, Town of Erie
Jon Mays, Town of Erie