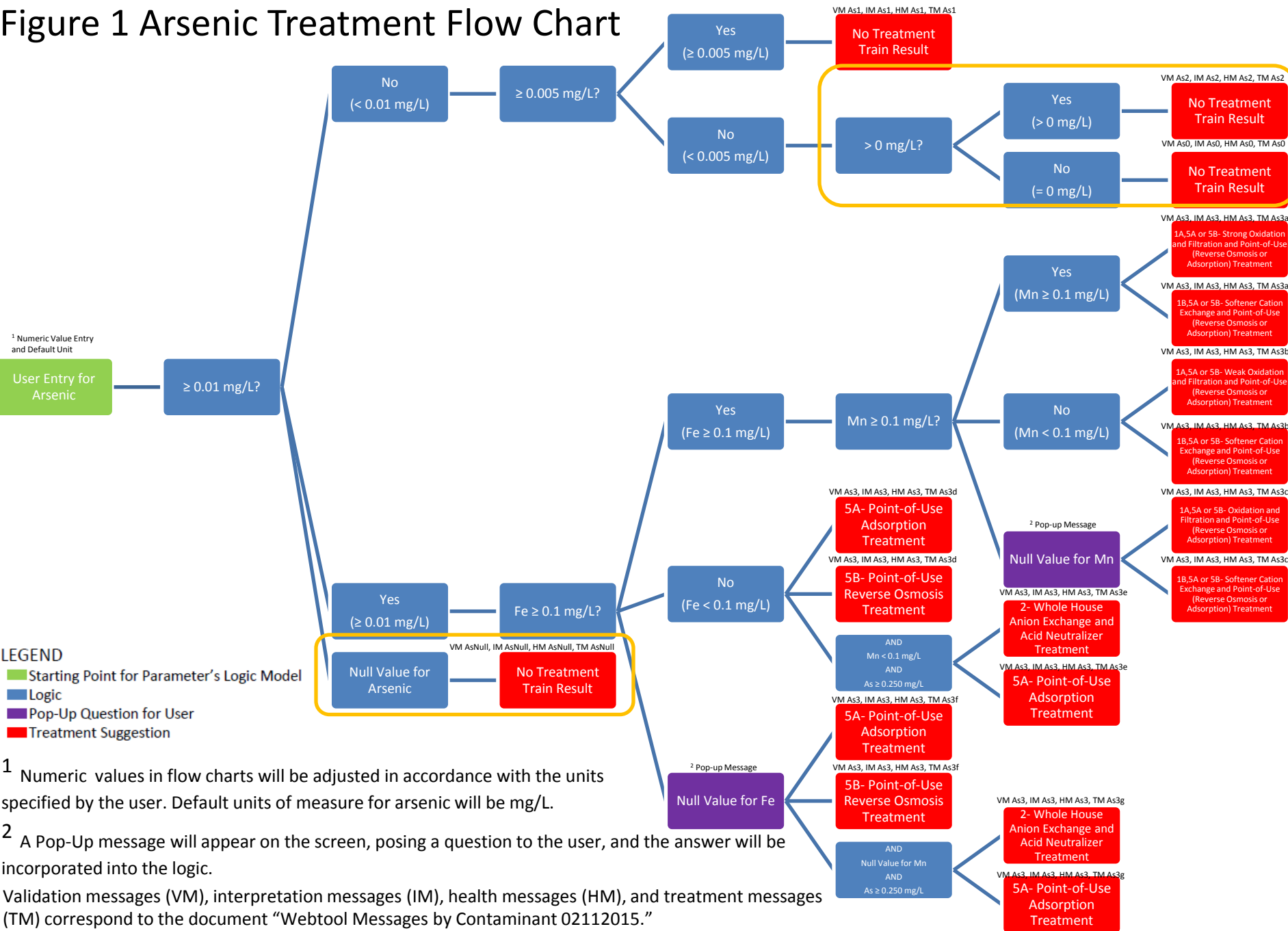


Figure 1 Arsenic Treatment Flow Chart



¹ Numeric Value Entry and Default Unit

User Entry for Arsenic

≥ 0.01 mg/L?

Yes (≥ 0.01 mg/L)

Fe ≥ 0.1 mg/L?

Yes (Fe ≥ 0.1 mg/L)

Mn ≥ 0.1 mg/L?

Yes (Mn ≥ 0.1 mg/L)

1A, 5A or 5B- Strong Oxidation and Filtration and Point-of-Use (Reverse Osmosis or Adsorption) Treatment

1B, 5A or 5B- Softener Cation Exchange and Point-of-Use (Reverse Osmosis or Adsorption) Treatment

1A, 5A or 5B- Weak Oxidation and Filtration and Point-of-Use (Reverse Osmosis or Adsorption) Treatment

1B, 5A or 5B- Softener Cation Exchange and Point-of-Use (Reverse Osmosis or Adsorption) Treatment

5A- Point-of-Use Adsorption Treatment

5B- Point-of-Use Reverse Osmosis Treatment

AND Mn < 0.1 mg/L AND As ≥ 0.250 mg/L

5A- Point-of-Use Adsorption Treatment

5B- Point-of-Use Reverse Osmosis Treatment

AND Null Value for Mn AND As ≥ 0.250 mg/L

2- Whole House Anion Exchange and Acid Neutralizer Treatment

5A- Point-of-Use Adsorption Treatment

Null Value for Arsenic

No Treatment Train Result

LEGEND

- Starting Point for Parameter's Logic Model
- Logic
- Pop-Up Question for User
- Treatment Suggestion

¹ Numeric values in flow charts will be adjusted in accordance with the units specified by the user. Default units of measure for arsenic will be mg/L.

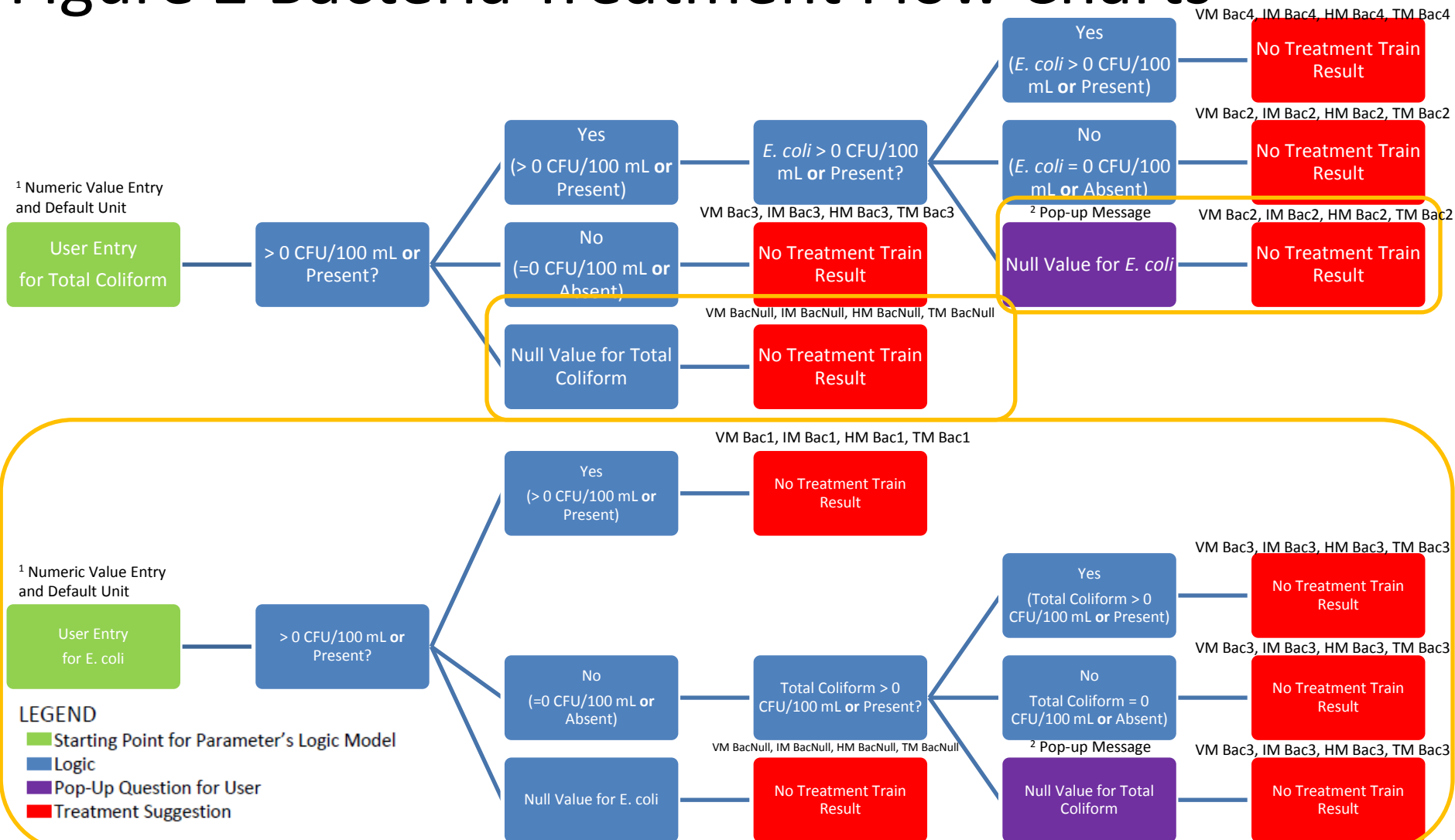
² A Pop-Up message will appear on the screen, posing a question to the user, and the answer will be incorporated into the logic.

Validation messages (VM), interpretation messages (IM), health messages (HM), and treatment messages (TM) correspond to the document "Webtool Messages by Contaminant 02112015."

The number before each treatment (ex. "5-") corresponds to the document "Multi-Contaminant Sequence Flow Chart 02-04-15 Edits."

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Figure 2 Bacteria Treatment Flow Charts



¹ Numeric values in flow charts will be adjusted in accordance with the units specified by the user. Default units of measure for total coliform will be CFU/100 mL.

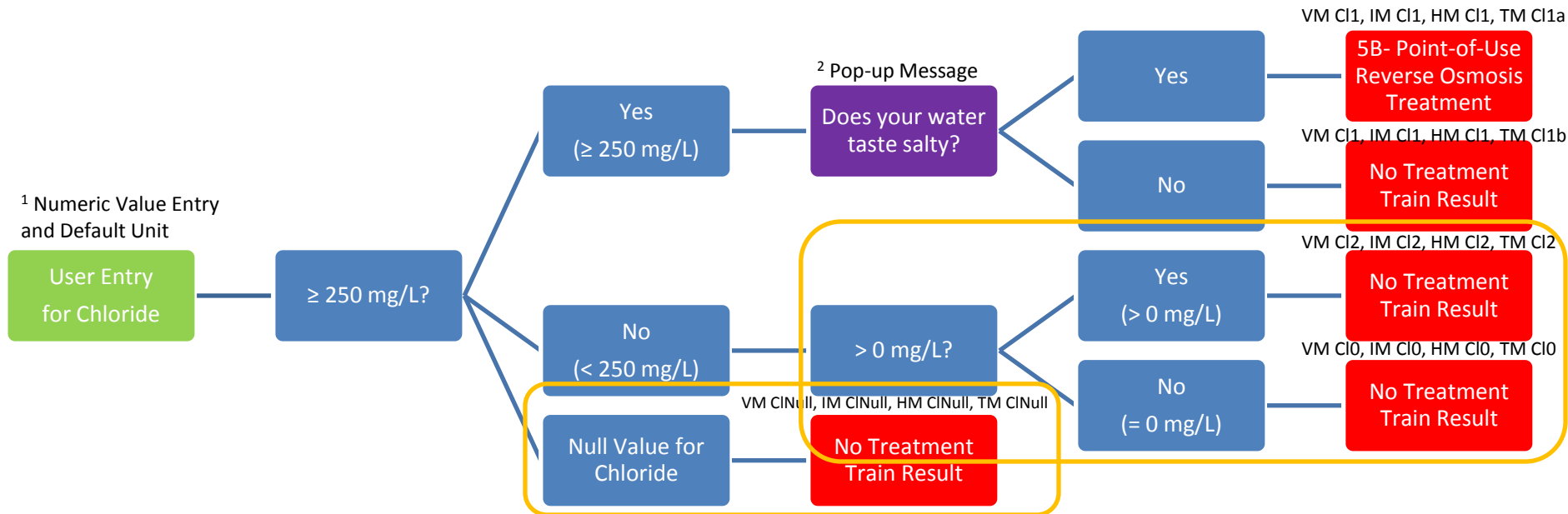
² A Pop-up message will appear on the screen, posing a question to the user, and the answer will be incorporated into the logic.

Validation messages (VM), interpretation messages (IM), health messages (HM), and treatment messages (TM) correspond to the document "Webtool Messages by Contaminant 02112015."

The number before each treatment (ex. "5-") corresponds to the document "Multi-Contaminant Sequence Flow Chart 02-04-15 Edits."

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Figure 3 Chloride Treatment Flow Chart



LEGEND

- Starting Point for Parameter's Logic Model
- Logic
- Pop-Up Question for User
- Treatment Suggestion

¹ Numeric values in flow charts will be adjusted in accordance with the units specified by the user. Default units of measure for chloride will be mg/L.

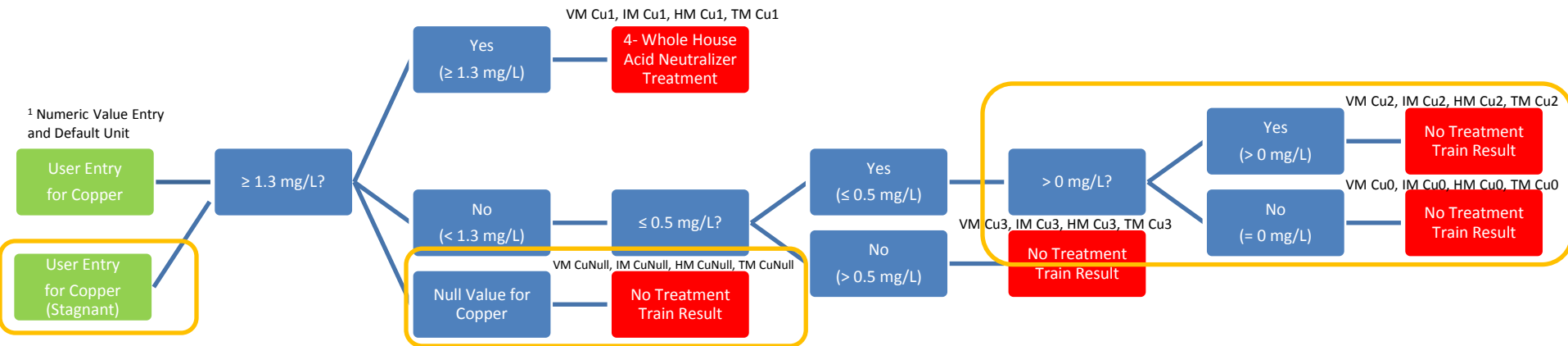
² A Pop-up message will appear on the screen, posing a question to the user, and the answer will be incorporated into the logic.

Validation messages (VM), interpretation messages (IM), health messages (HM), and treatment messages (TM) correspond to the document "Webtool Messages by Contaminant 02112015."

The number before each treatment (ex. "5B-") corresponds to the document "Multi-Contaminant Sequence Flow Chart 02-04-15 Edits."

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Figure 4 Copper Treatment Flow Chart



LEGEND

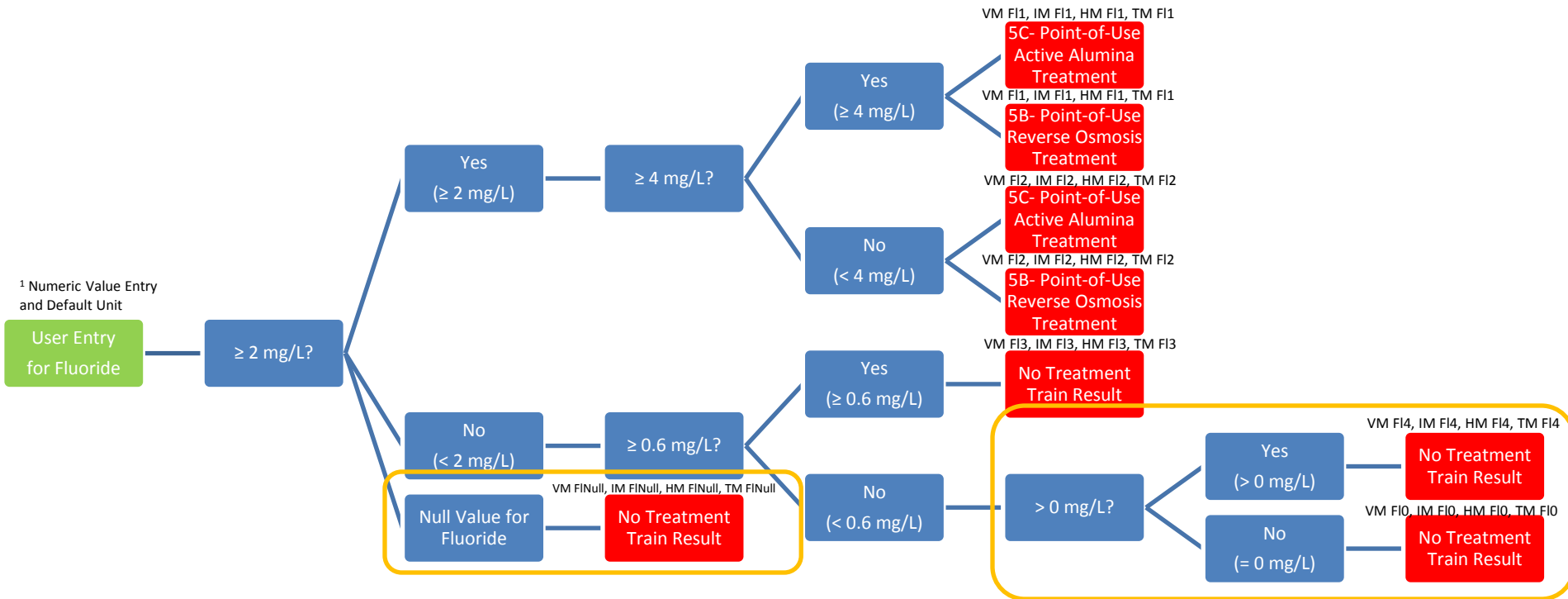
- Starting Point for Parameter's Logic Model
- Logic
- Pop-Up Question for User
- Treatment Suggestion

¹ Numeric values in flow charts will be adjusted in accordance with the units specified by the user. Default units of measure for copper will be mg/L.

Validation messages (VM), interpretation messages (IM), health messages (HM), and treatment messages (TM) correspond to the document "Webtool Messages by Contaminant 02112015."

The number before each treatment (ex. "5-") corresponds to the document "Multi-Contaminant Sequence Flow Chart 02-04-15 Edits."

Figure 5 Fluoride Treatment Flow Chart



LEGEND

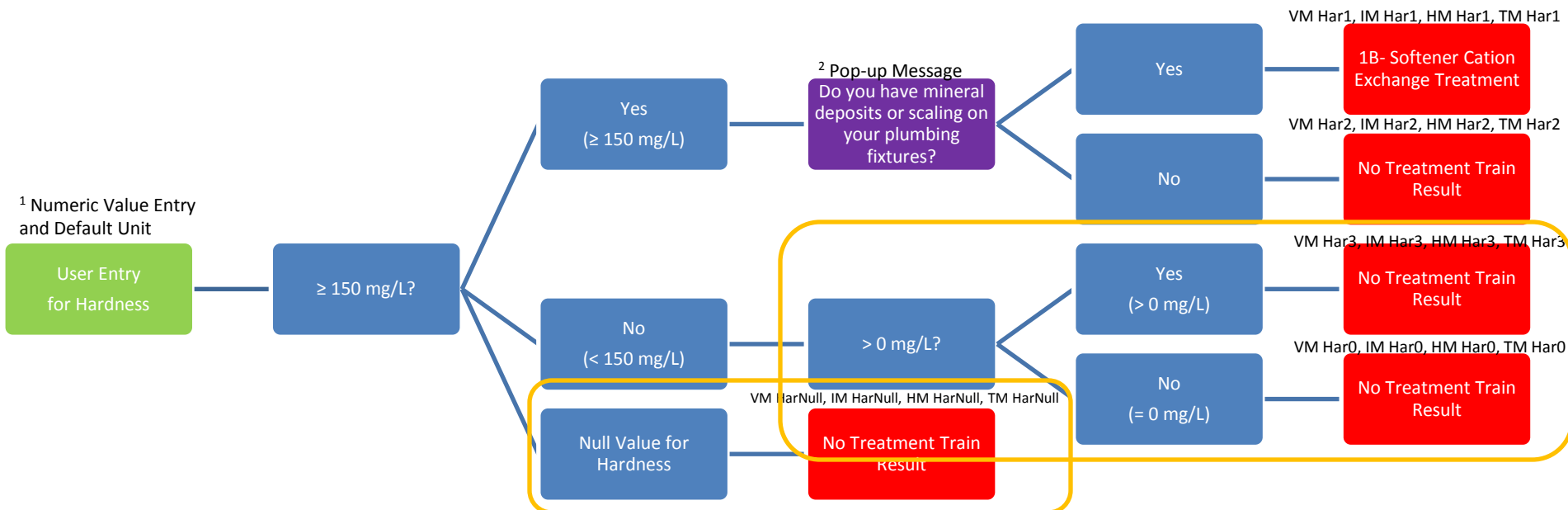
- Starting Point for Parameter's Logic Model
- Logic
- Pop-Up Question for User
- Treatment Suggestion

¹ Numeric values in flow charts will be adjusted in accordance with the units specified by the user. Default units of measure for fluoride will be mg/L.

Validation messages (VM), interpretation messages (IM), health messages (HM), and treatment messages (TM) correspond to the document "Webtool Messages by Contaminant 02112015."

The number before each treatment (ex. "5-") corresponds to the document "Multi-Contaminant Sequence Flow Chart 02-04-15 Edits."

Figure 6 Hardness Treatment Flow Chart



LEGEND

- Starting Point for Parameter's Logic Model
- Logic
- Pop-Up Question for User
- Treatment Suggestion

¹ Numeric values in flow charts will be adjusted in accordance with the units specified by the user. Default units of measure for hardness will be mg/L.

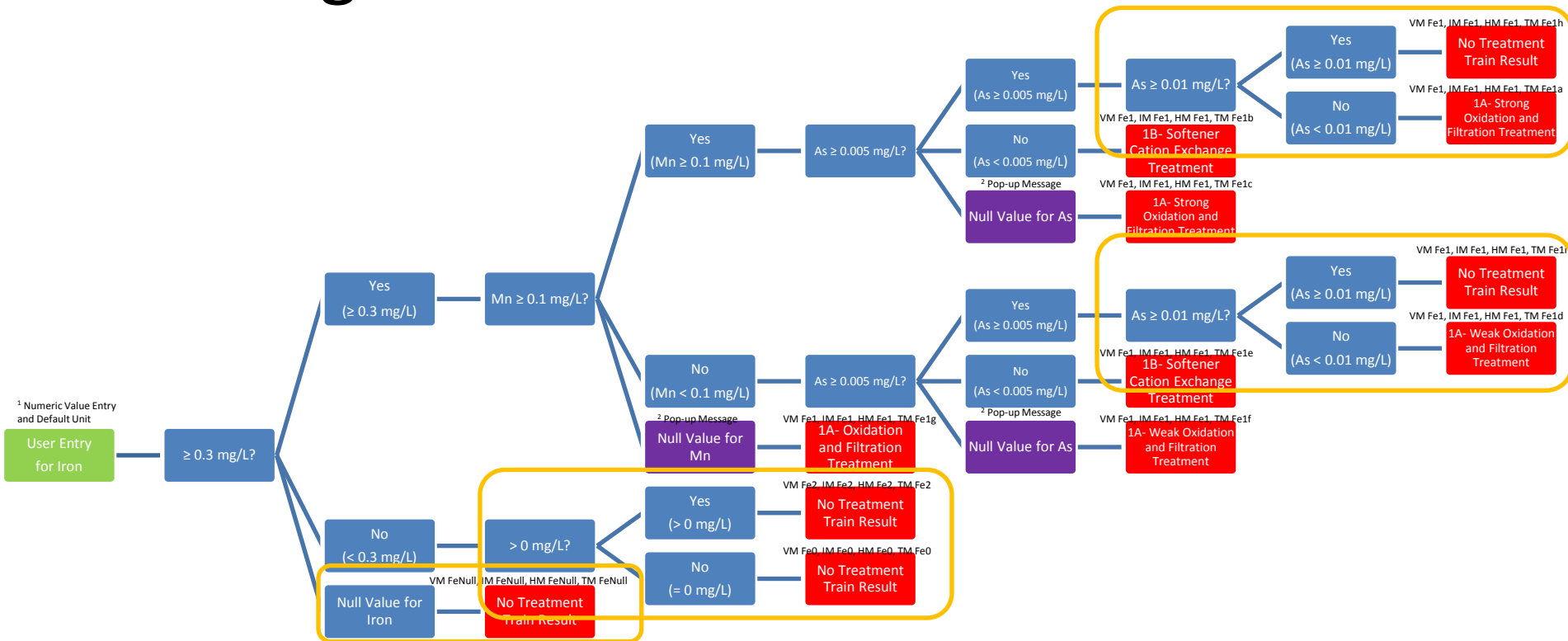
² A Pop-up message will appear on the screen, posing a question to the user, and the answer will be incorporated into the logic.

Validation messages (VM), interpretation messages (IM), health messages (HM), and treatment messages (TM) correspond to the document "Webtool Messages by Contaminant 02112015."

The number before each treatment (ex. "5-") corresponds to the document "Multi-Contaminant Sequence Flow Chart 02-04-15 Edits."

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Figure 7 Iron Treatment Flow Chart



LEGEND

- Starting Point for Parameter's Logic Model
- Logic
- Pop-Up Question for User
- Treatment Suggestion

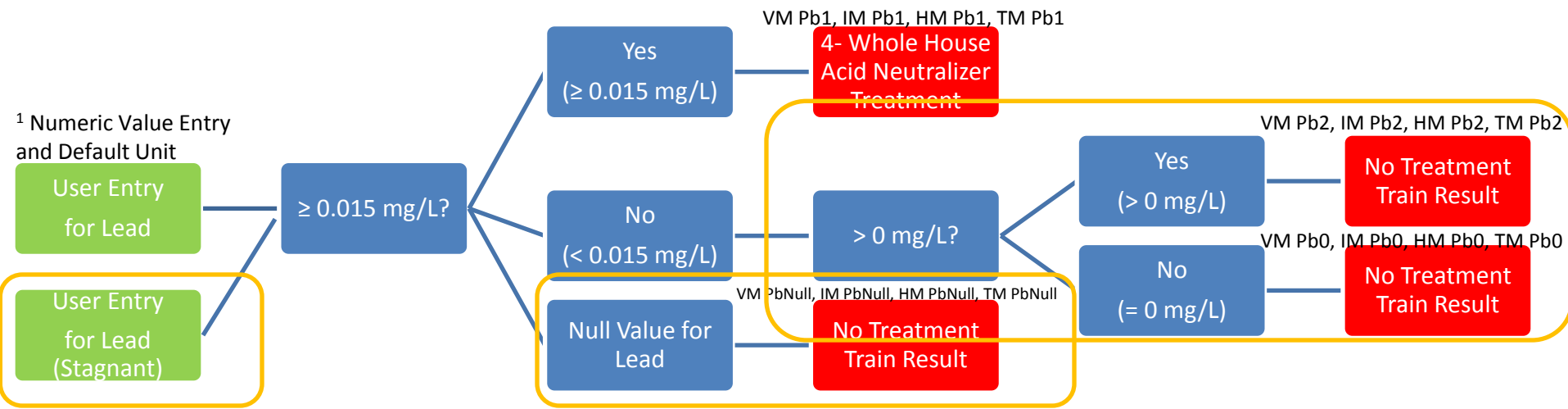
¹ Numeric values in flow charts will be adjusted in accordance with the units specified by the user. Default units of measure for iron will be mg/L.

² A Pop-up message will appear on the screen, posing a question to the user, and the answer will be incorporated into the logic.

Validation messages (VM), interpretation messages (IM), health messages (HM), and treatment messages (TM) correspond to the document “Webtool Messages by Contaminant 02112015.”

The number before each treatment (ex. "5-") corresponds to the document "Multi-Contaminant Sequence Flow Chart 02-04-15 Edits."

Figure 8 Lead Treatment Flow Chart



LEGEND

- Starting Point for Parameter's Logic Model
- Logic
- Pop-Up Question for User
- Treatment Suggestion

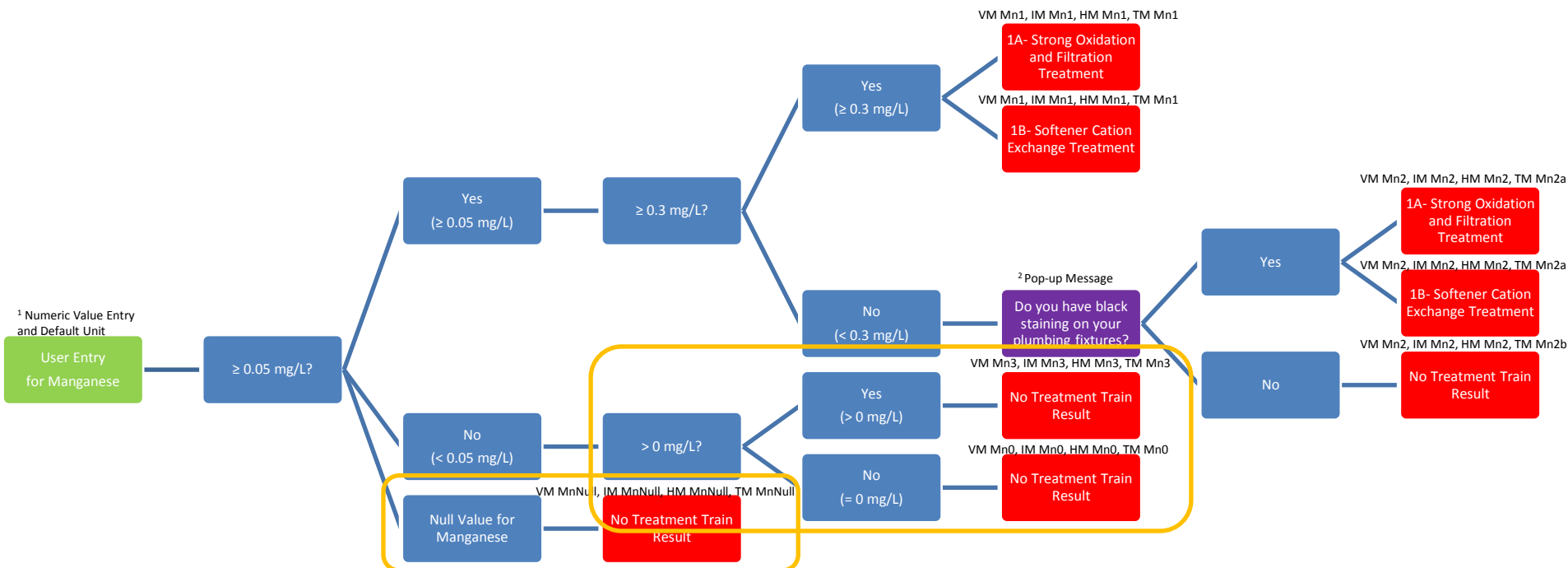
¹ Numeric values in flow charts will be adjusted in accordance with the units specified by the user. Default units of measure for lead will be mg/L.

Validation messages (VM), interpretation messages (IM), health messages (HM), and treatment messages (TM) correspond to the document "Webtool Messages by Contaminant 02112015."

The number before each treatment (ex. "5-") corresponds to the document "Multi-Contaminant Sequence Flow Chart 02-04-15 Edits."

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Figure 9 Manganese Treatment Flow Chart



LEGEND

- Starting Point for Parameter's Logic Model
- Logic
- Pop-Up Question for User
- Treatment Suggestion

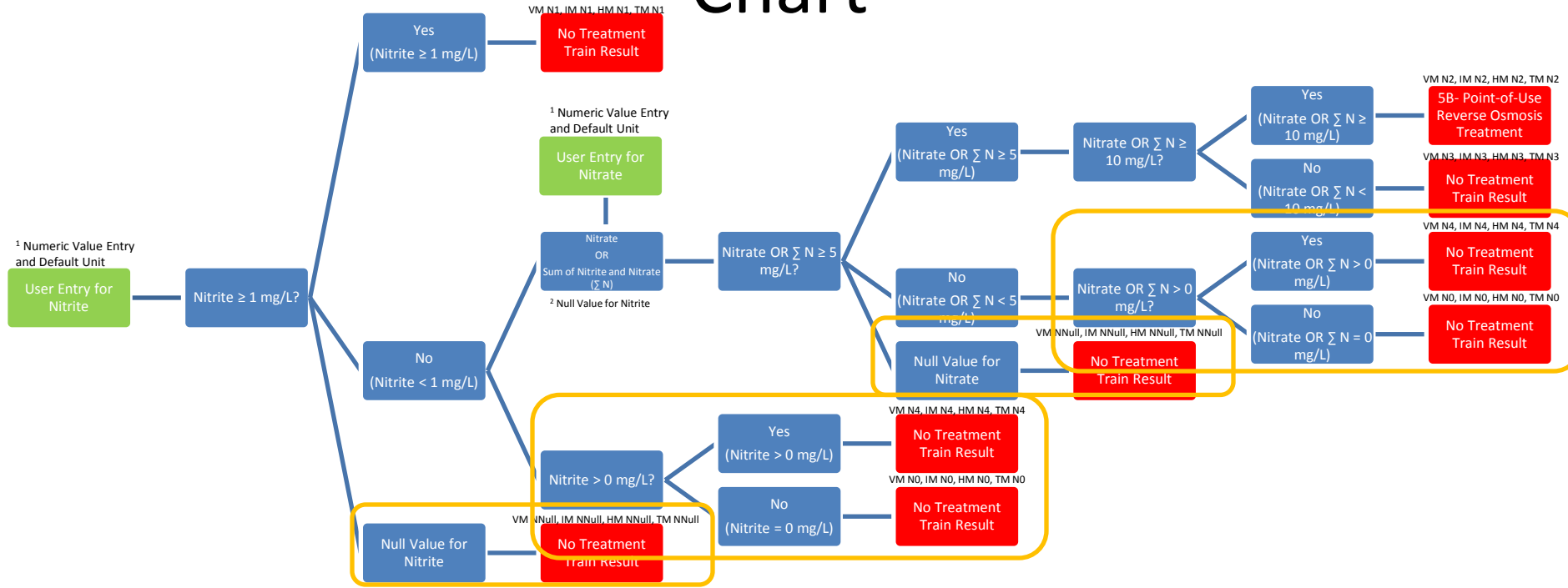
¹ Numeric values in flow charts will be adjusted in accordance with the units specified by the user. Default units of measure for manganese will be mg/L.

² A Pop-up message will appear on the screen, posing a question to the user, and the answer will be incorporated into the logic.

Validation messages (VM), interpretation messages (IM), health messages (HM), and treatment messages (TM) correspond to the document "Webtool Messages by Contaminant 02112015."

The number before each treatment (ex. "5-") corresponds to the document "Multi-Contaminant Sequence Flow Chart 02-04-15 Edits."

Figure 10 Nitrate/Nitrite Treatment Flow Chart



LEGEND

- Starting Point for Parameter's Logic Model
- Logic
- Pop-Up Question for User
- Treatment Suggestion

¹ Numeric values in flow charts will be adjusted in accordance with the units specified by the user. Default units of measure for nitrate/nitrite will be mg/L.

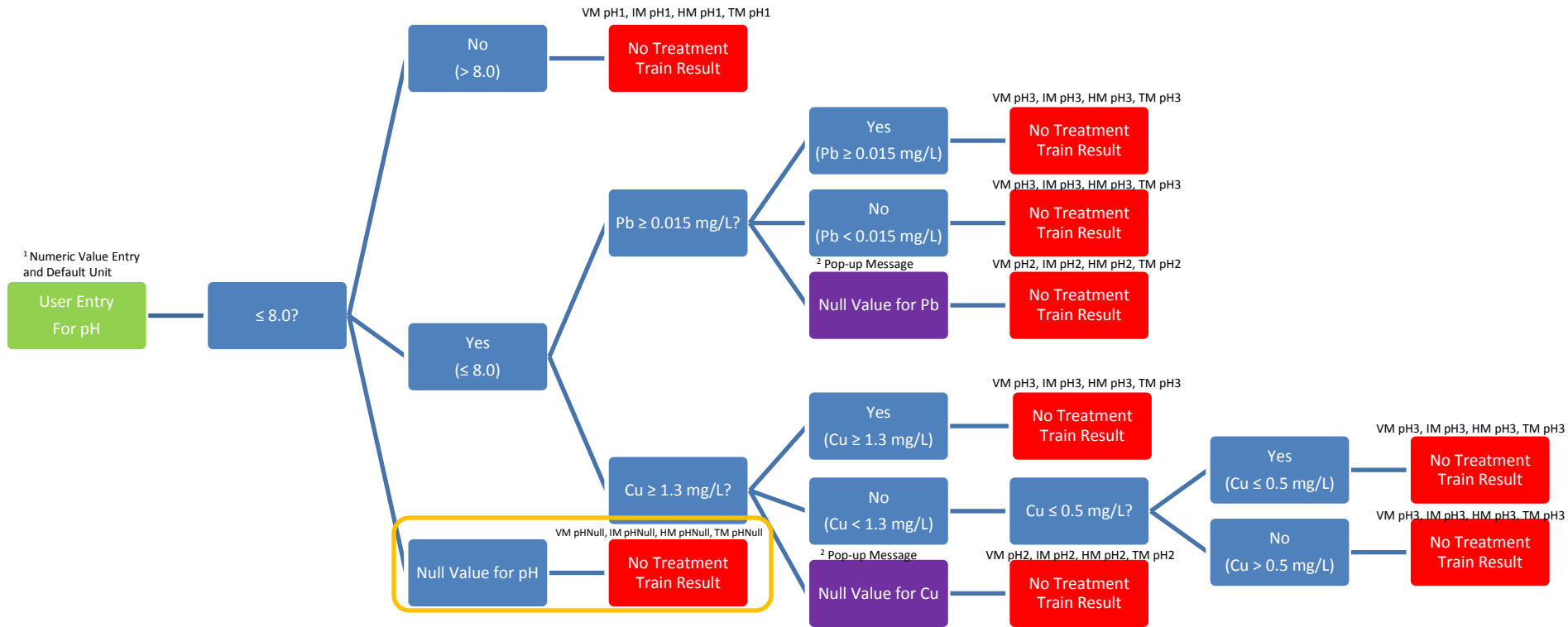
² When no value is entered for nitrite, the value incorporated into the logic for that contaminant in this step will be "0."

Validation messages (VM), interpretation messages (IM), health messages (HM), and treatment messages (TM) correspond to the document "Webtool Messages by Contaminant 02112015."

The number before each treatment (ex. "5-") corresponds to the document "Multi-Contaminant Sequence Flow Chart 02-04-15 Edits."

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Figure 11 pH Treatment Flow Chart



LEGEND

- Starting Point for Parameter's Logic Model
- Logic
- Pop-Up Question for User
- Treatment Suggestion

¹ Numeric values in flow charts will be adjusted in accordance with the units specified by the user. Default units of measure for pH will be standard units.

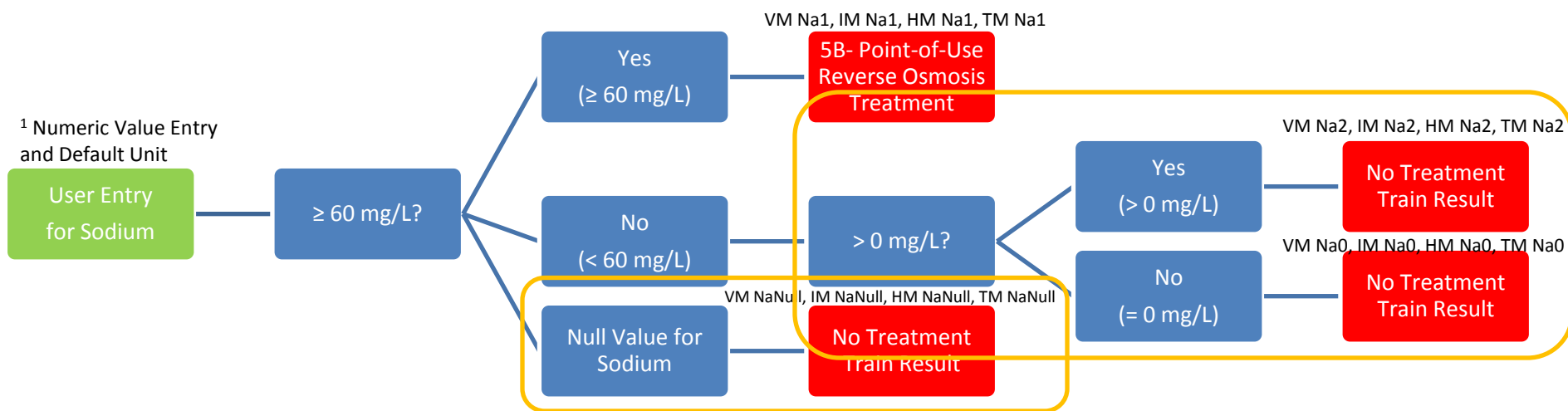
² A Pop-up message will appear on the screen, posing a question to the user, and the answer will be incorporated into the logic.

Validation messages (VM), interpretation messages (IM), health messages (HM), and treatment messages (TM) correspond to the document "Webtool Messages by Contaminant 02112015."

The number before each treatment (ex. "5-") corresponds to the document "Multi-Contaminant Sequence Flow Chart 02-04-15 Edits."

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Figure 12 Sodium Treatment Flow Chart



LEGEND

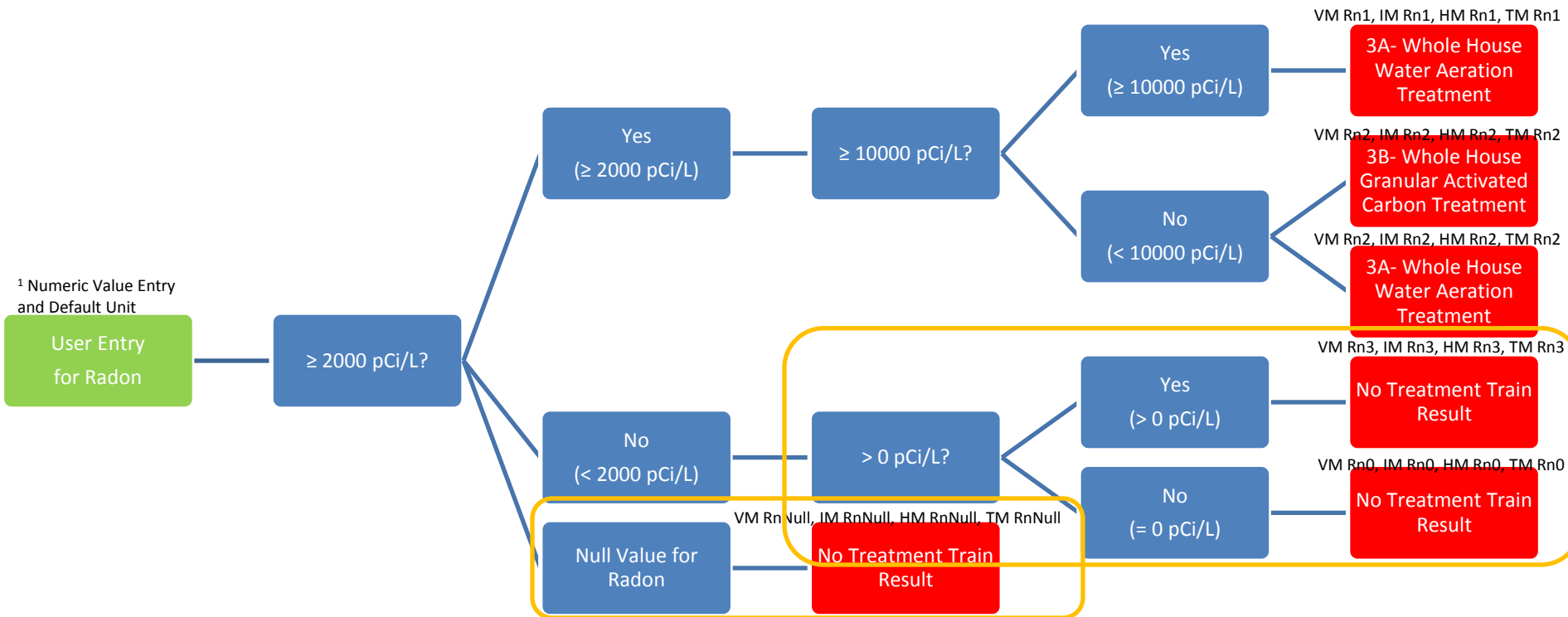
- Starting Point for Parameter's Logic Model
- Logic
- Pop-Up Question for User
- Treatment Suggestion

¹ Numeric values in flow charts will be adjusted in accordance with the units specified by the user. Default units of measure for sodium will be mg/L.

Validation messages (VM), interpretation messages (IM), health messages (HM), and treatment messages (TM) correspond to the document "Webtool Messages by Contaminant 02112015."

The number before each treatment (ex. "5-") corresponds to the document "Multi-Contaminant Sequence Flow Chart 02-04-15 Edits."

Figure 13 Radon Treatment Flow Chart

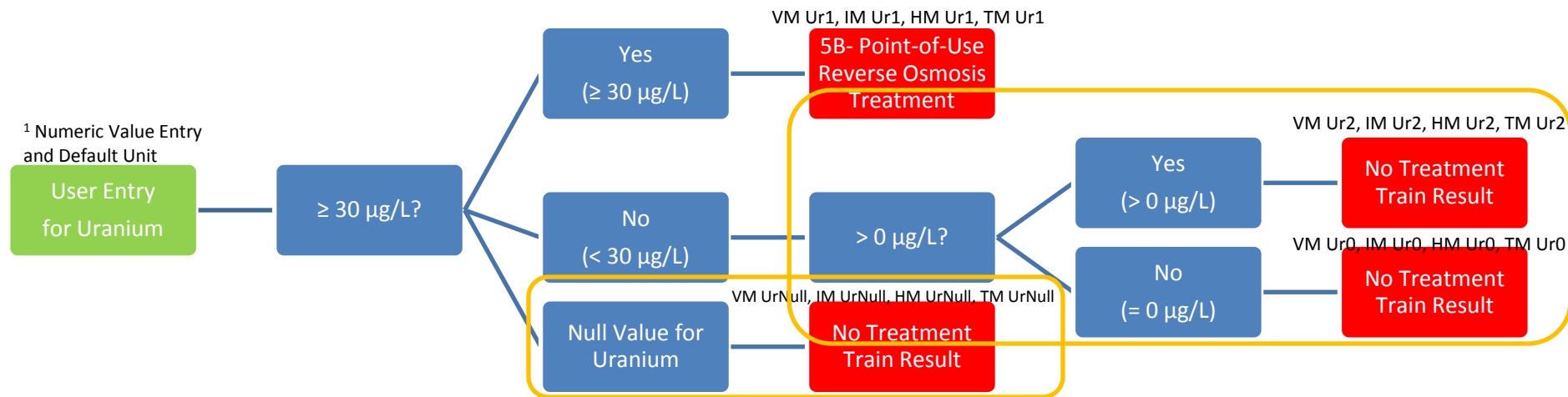


¹ Numeric values in flow charts will be adjusted in accordance with the units specified by the user. Default units of measure for radon will be pCi/L.

Validation messages (VM), interpretation messages (IM), health messages (HM), and treatment messages (TM) correspond to the document "Webtool Messages by Contaminant 02112015."

The number before each treatment (ex. "5-") corresponds to the document "Multi-Contaminant Sequence Flow Chart 02-04-15 Edits."

Figure 14 Uranium Treatment Flow Chart



LEGEND

- Starting Point for Parameter's Logic Model
- Logic
- Pop-Up Question for User
- Treatment Suggestion

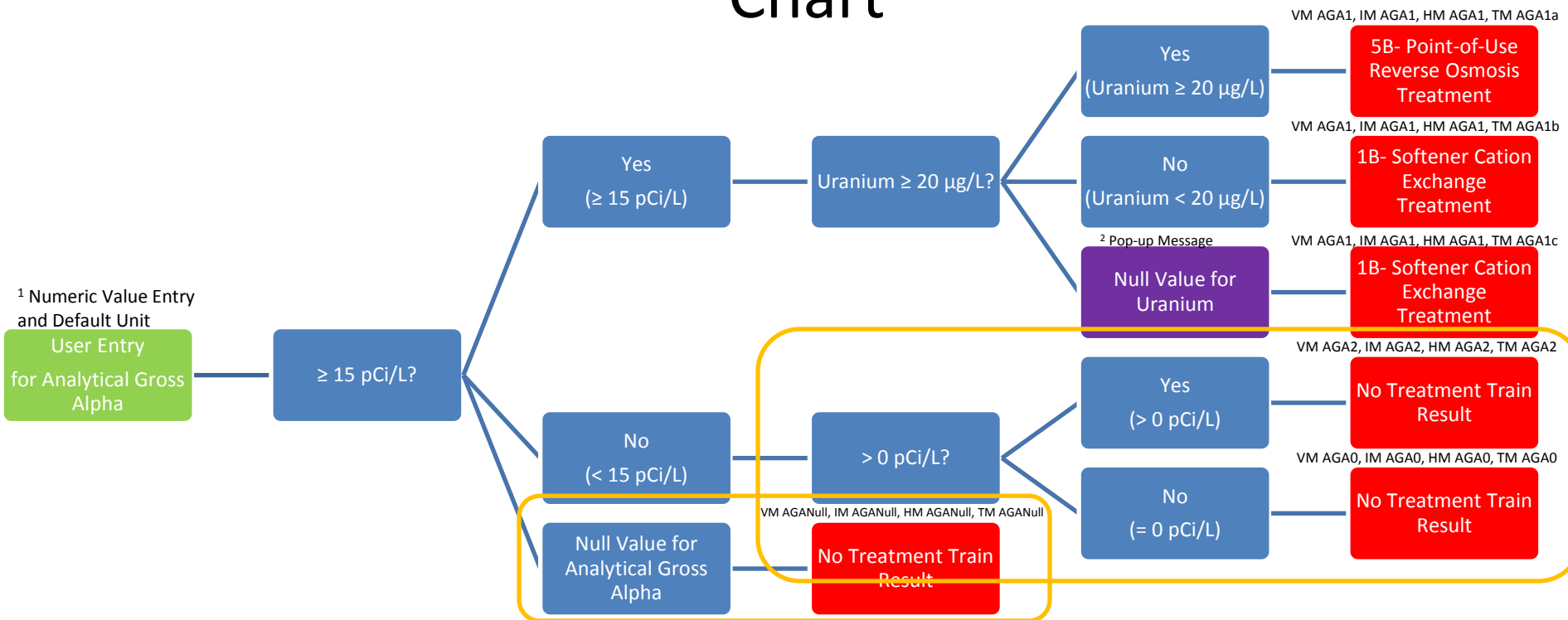
¹ Numeric values in flow charts will be adjusted in accordance with the units specified by the user. Default units of measure for uranium will be µg/L.

Validation messages (VM), interpretation messages (IM), health messages (HM), and treatment messages (TM) correspond to the document "Webtool Messages by Contaminant 02112015."

The number before each treatment (ex. "5-") corresponds to the document "Multi-Contaminant Sequence Flow Chart 02-04-15 Edits."

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Figure 15 Analytical Gross Alpha Treatment Flow Chart



LEGEND

- Starting Point for Parameter's Logic Model
- Logic
- Pop-Up Question for User
- Treatment Suggestion

- ¹ Numeric values in flow charts will be adjusted in accordance with the units specified by the user. Default units of measure for analytical gross alpha will be pCi/L.
- ² A Pop-up message will appear on the screen, posing a question to the user, and the answer will be incorporated into the logic.

Validation messages (VM), interpretation messages (IM), health messages (HM), and treatment messages (TM) correspond to the document "Webtool Messages by Contaminant 02112015."

The number before each treatment (ex. "5-") corresponds to the document "Multi-Contaminant Sequence Flow Chart 02-04-15 Edits."

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