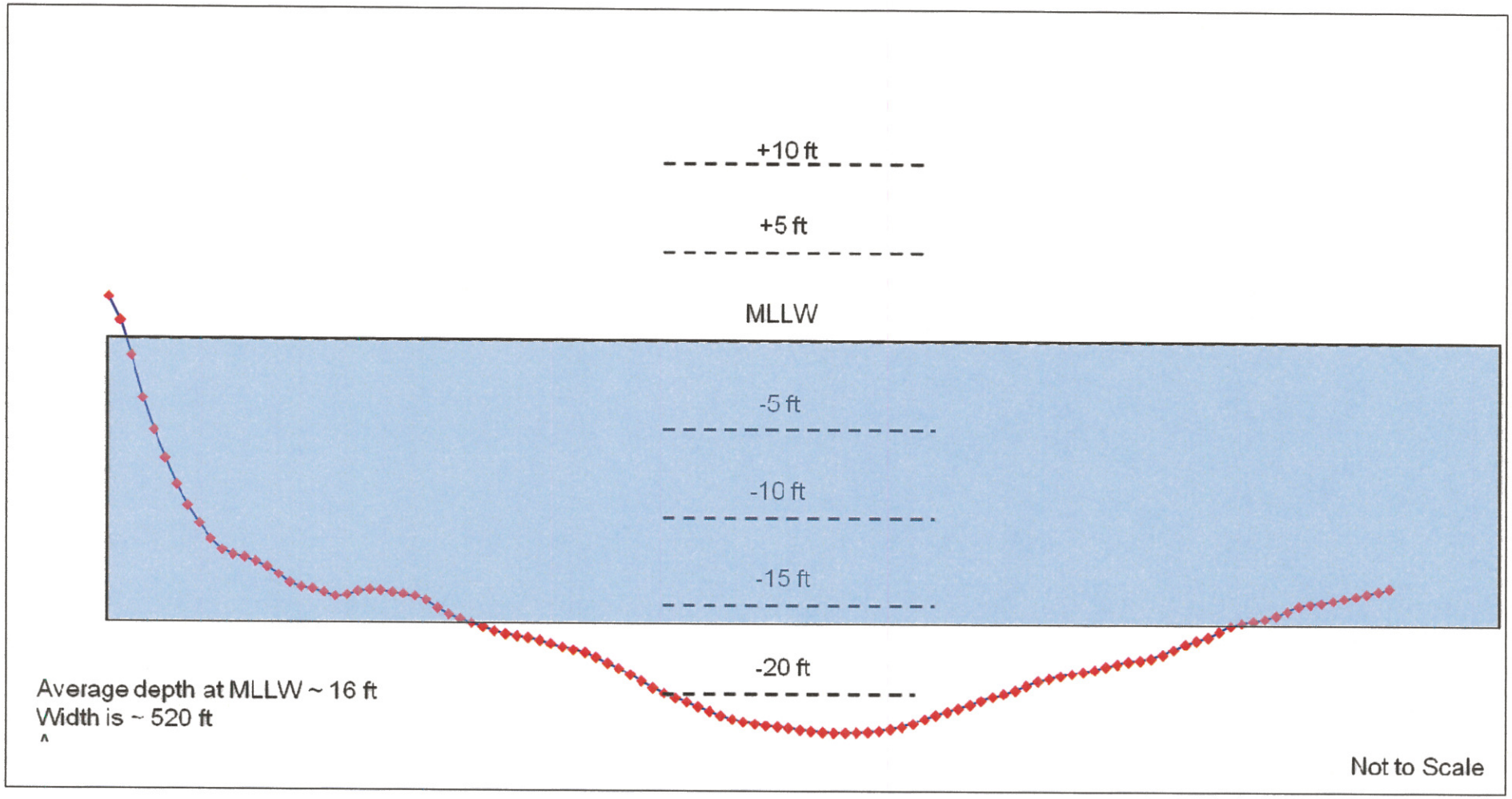

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Figure 3.2
Schematization of Transect AA' for
SIM Discharge to the Duwamish

F:\projects\SIM-STORM\Task 7001 Mixing Zone\Final\Figures\SIM MZR Final F3_2 to 3_8.doc

April 9, 2010

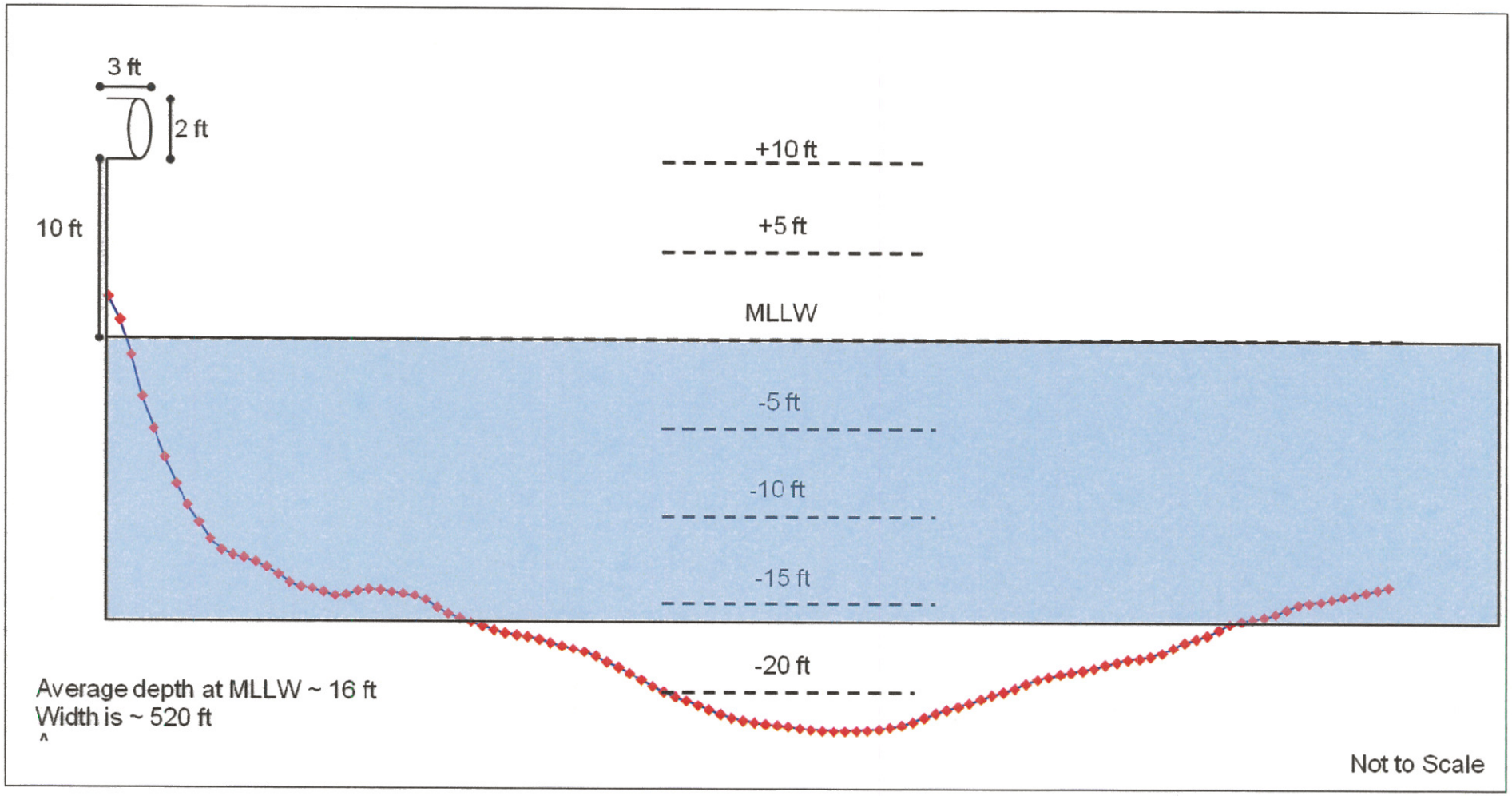

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Figure 3.3
Schematization for SIM Discharge to the Duwamish

F:\projects\SIM-STORM\Task 7001 Mixing Zone\Final\Figures\SIM MZR Final F3_2 to 3_8.doc

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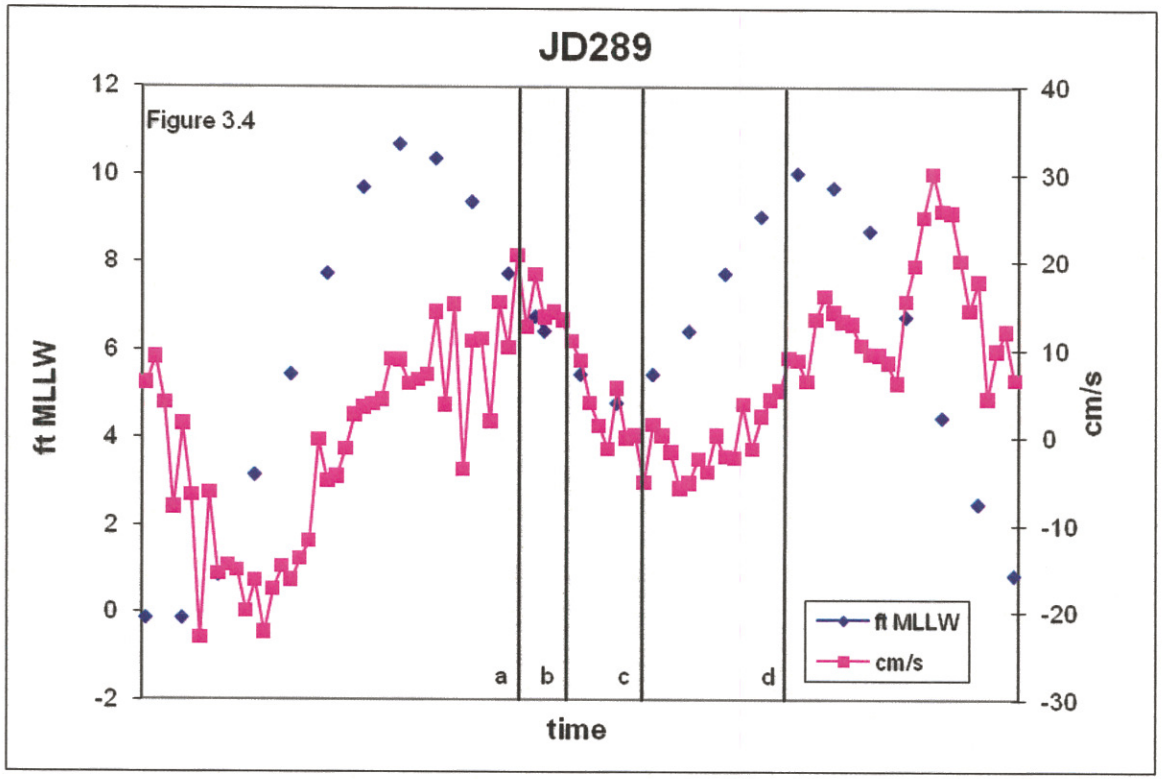

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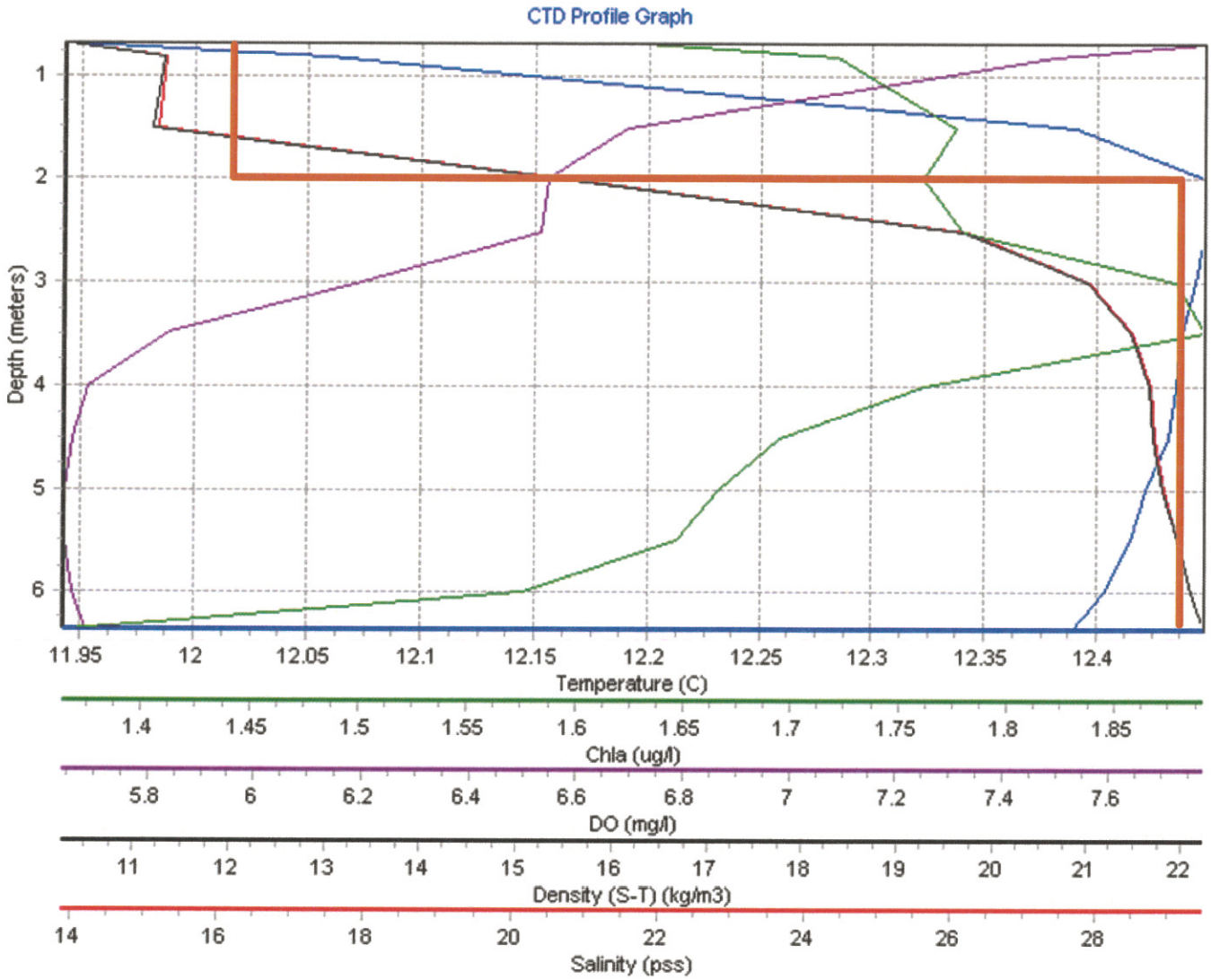
Figure 3.4
Tide Curve and Current Velocity
for JD289 (October 15, 1996)



Density profile

Density profile approximation used for modeling JD289 scenarios

Note: CTD Profile Graph generated from King County website June 15, 2009. Data were measured by King County at the 16th Avenue South Bridge on October 23, 2006.

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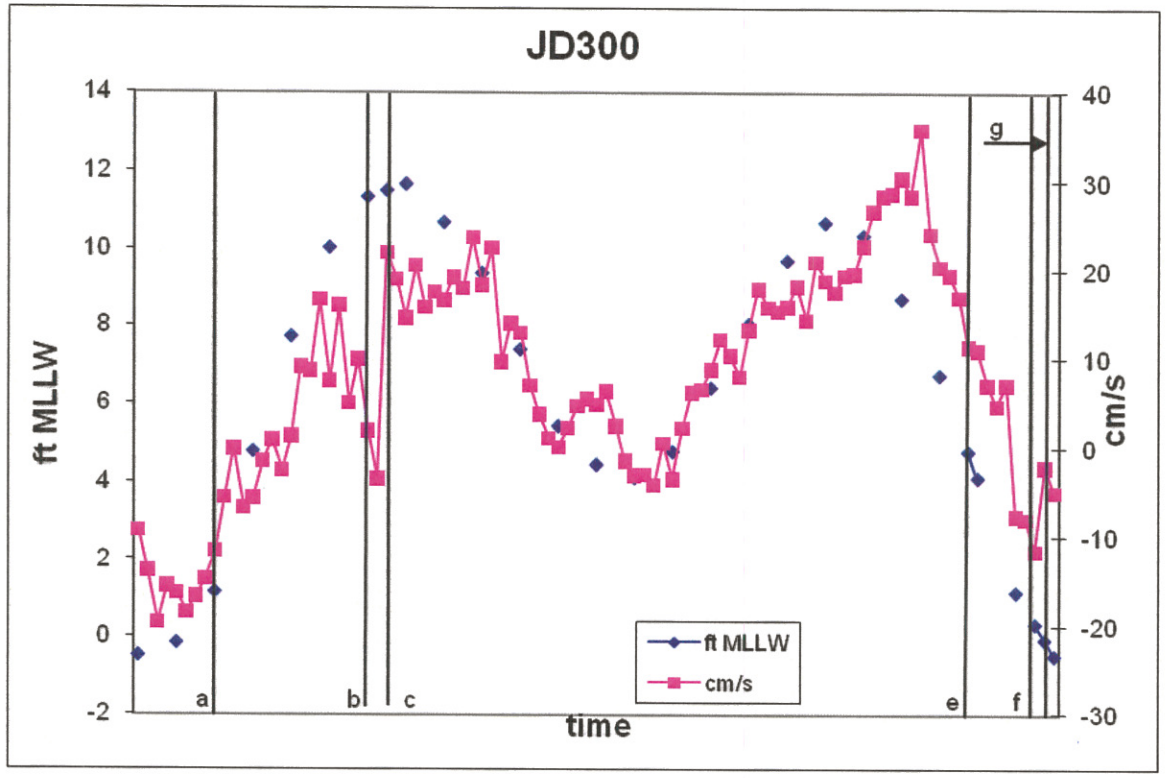

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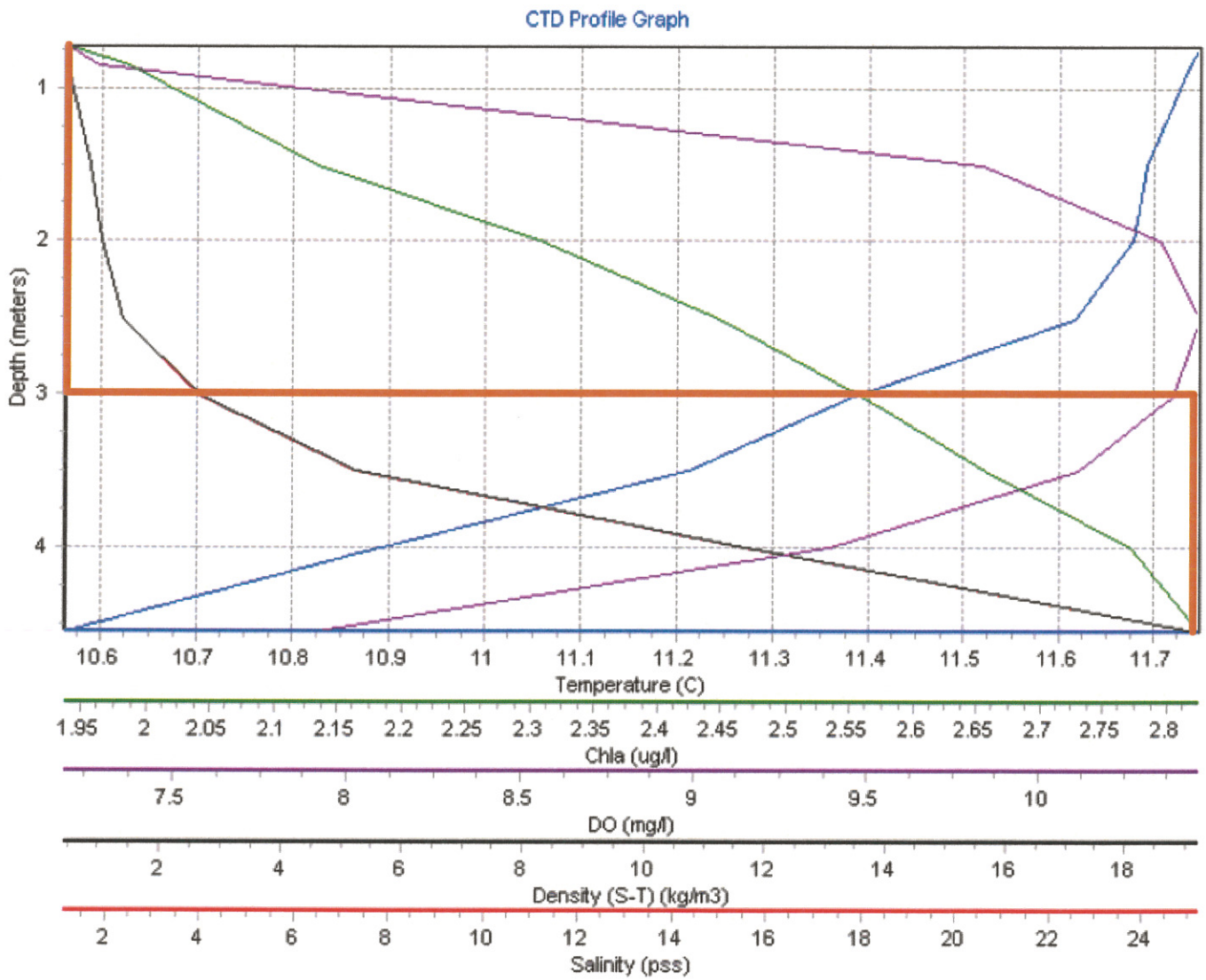
Figure 3.6
Tide Curve and Current Velocity
for JD300 (October 26, 1996)



Density profile

Density profile approximation used for modeling JD300 scenarios

Note: CTD Profile Graph generated from King County website June 16, 2009. Data were measured by King County at the 16th Avenue South Bridge on May 30, 2006.

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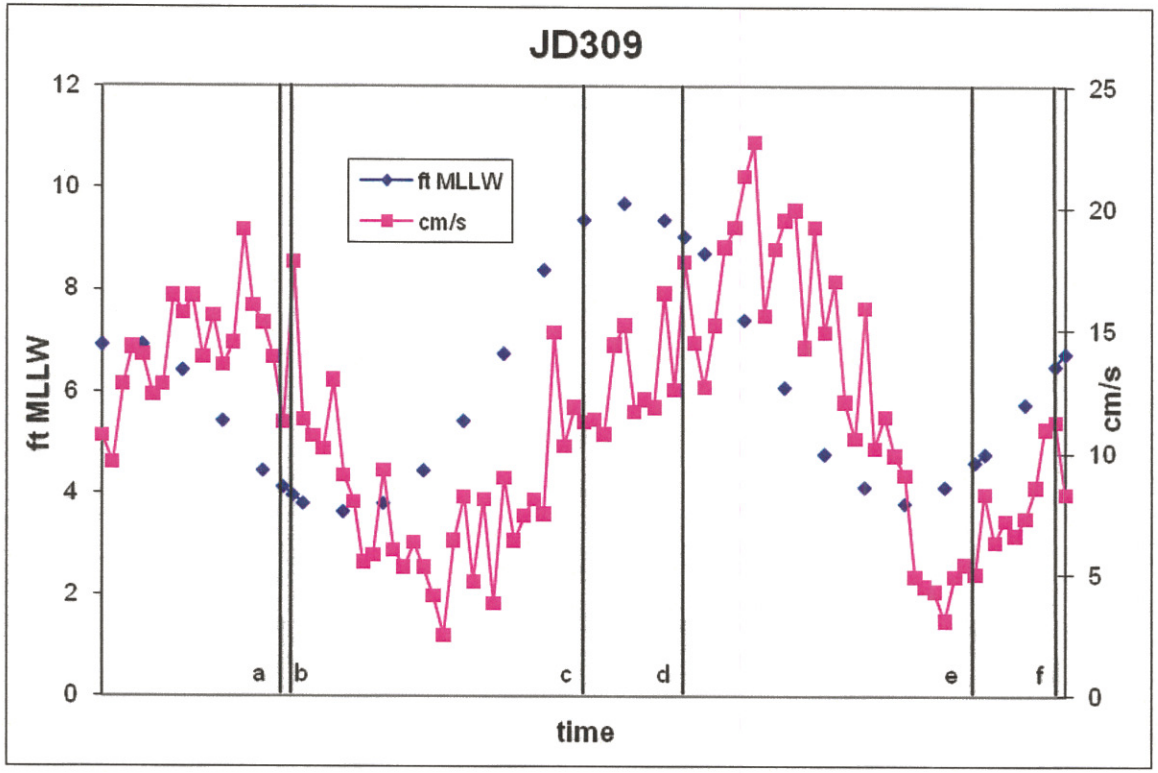

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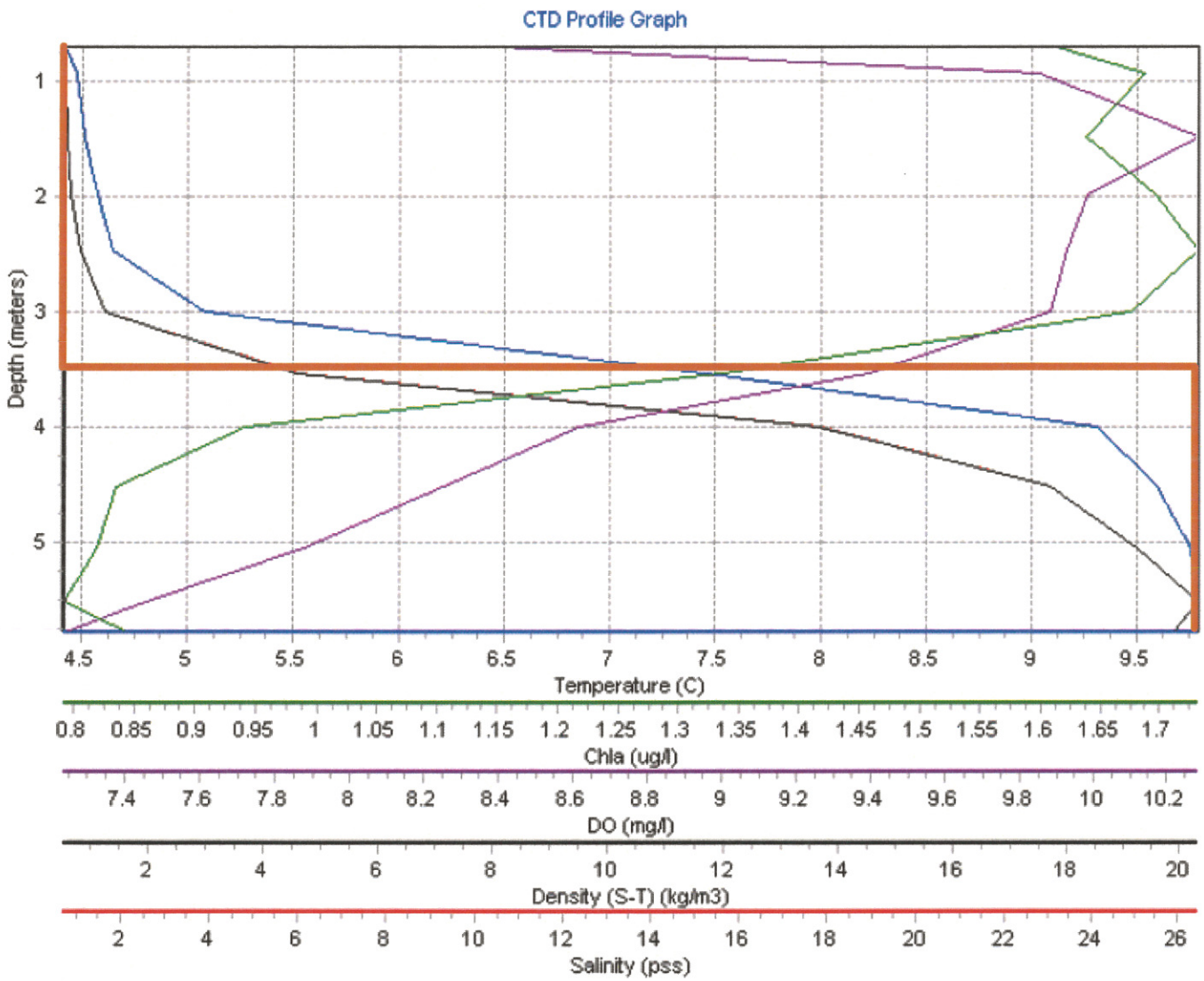
Figure 3.8
Tide Curve and Current Velocity
for JD309 (November 4, 1996)



Density profile

Density profile approximation used for modeling JD309 scenarios

Note: CTD Profile Graph generated from King County website June 16, 2009. Data were measured by King County at the 16th Avenue South Bridge on December 18, 2006.

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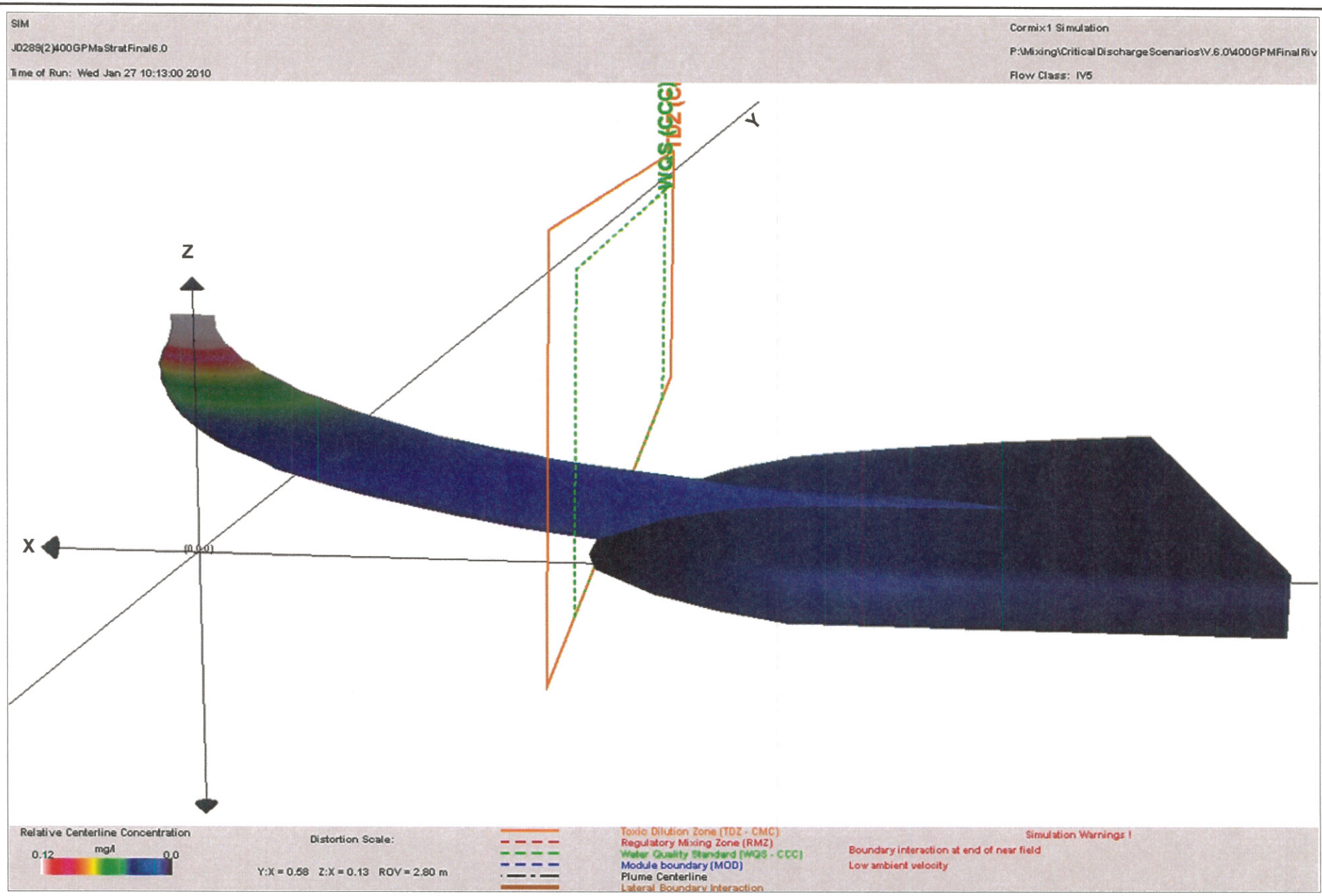

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Figure 4.1
3-D Projection of Plume
IV Flow Class

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April 9, 2010

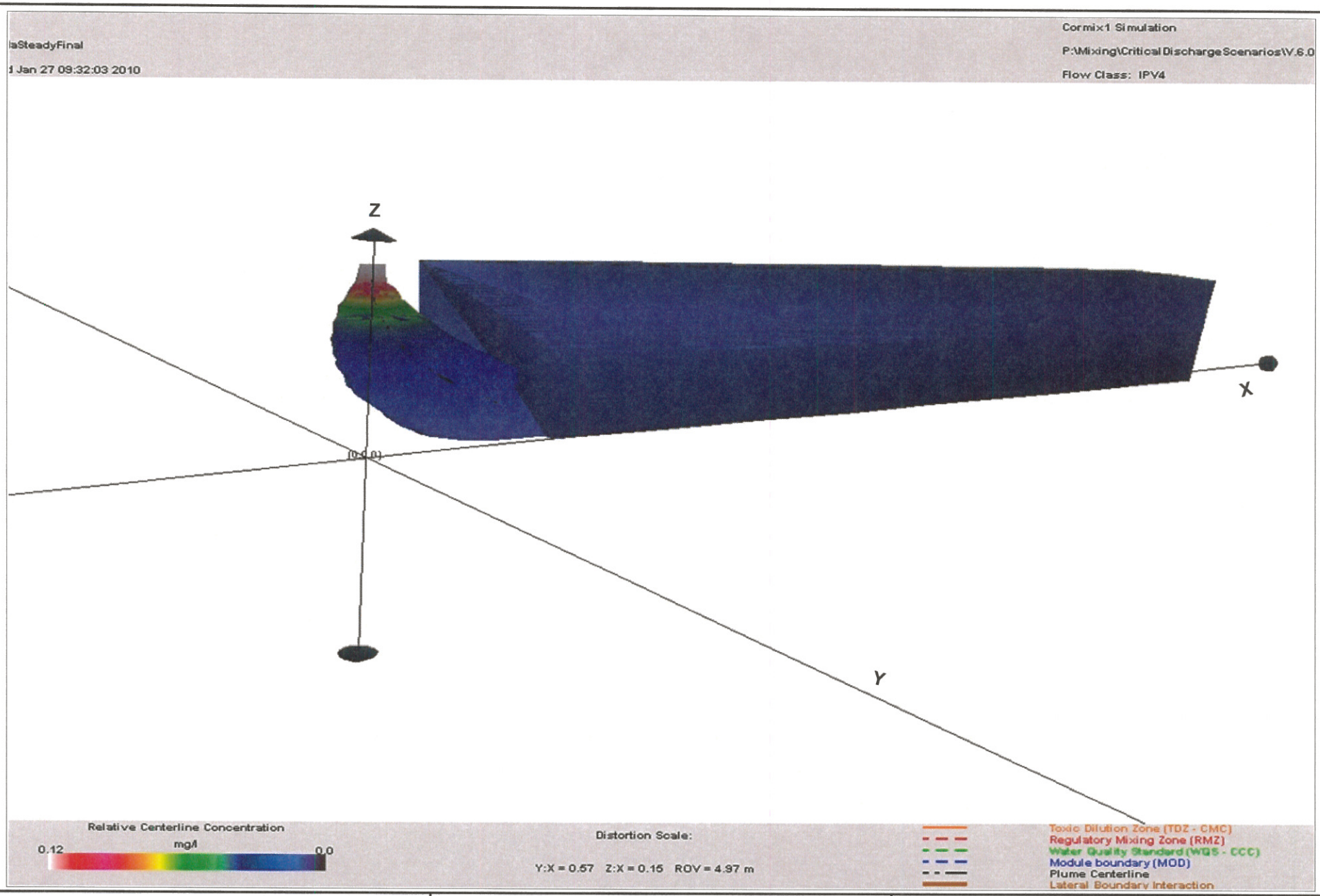

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Figure 4.2
3-D Projection of Plume
IPV Flow Class

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April 9, 2010

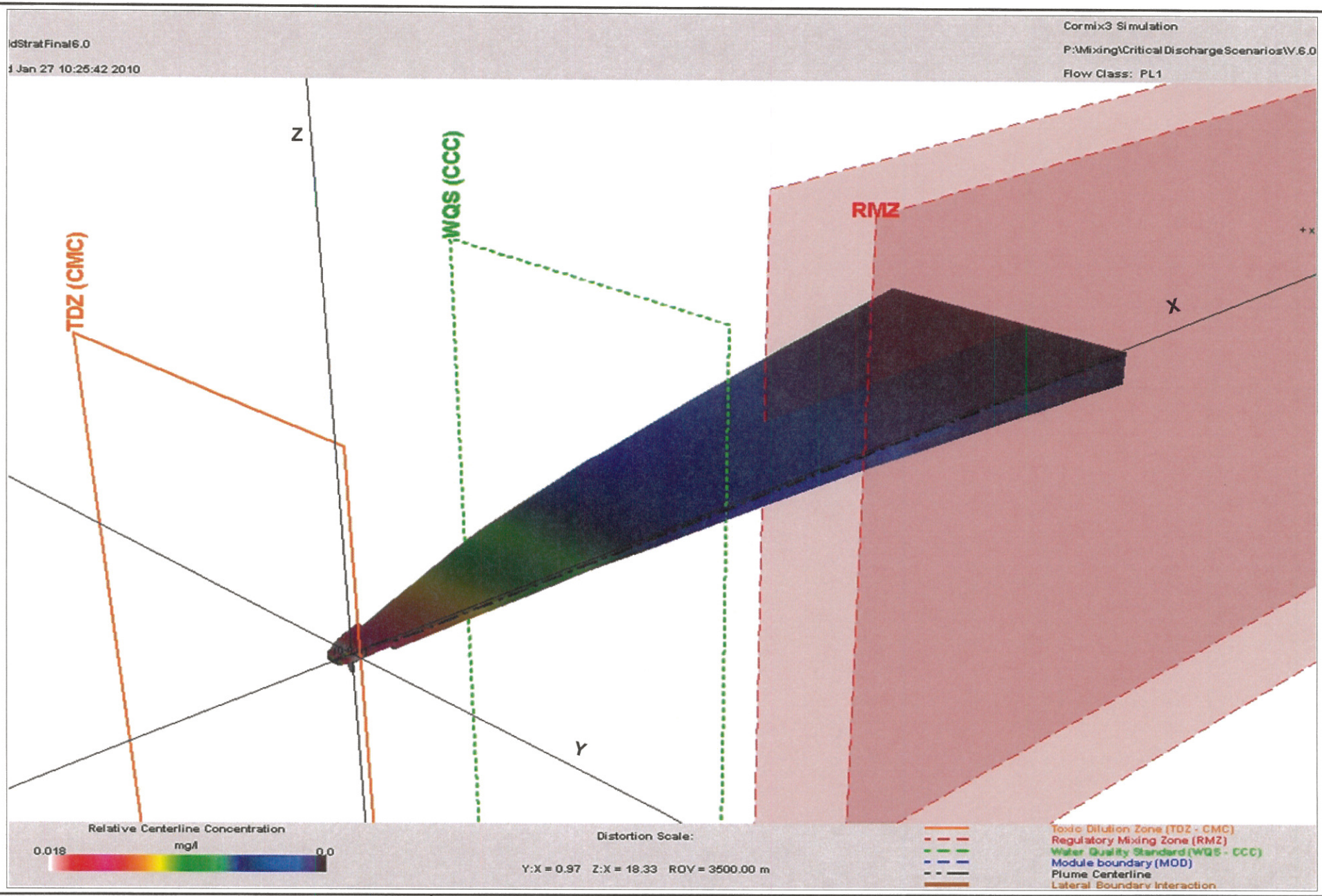

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Figure 4.3
3-D Projection of Plume
PL Flow Class

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April 9, 2010

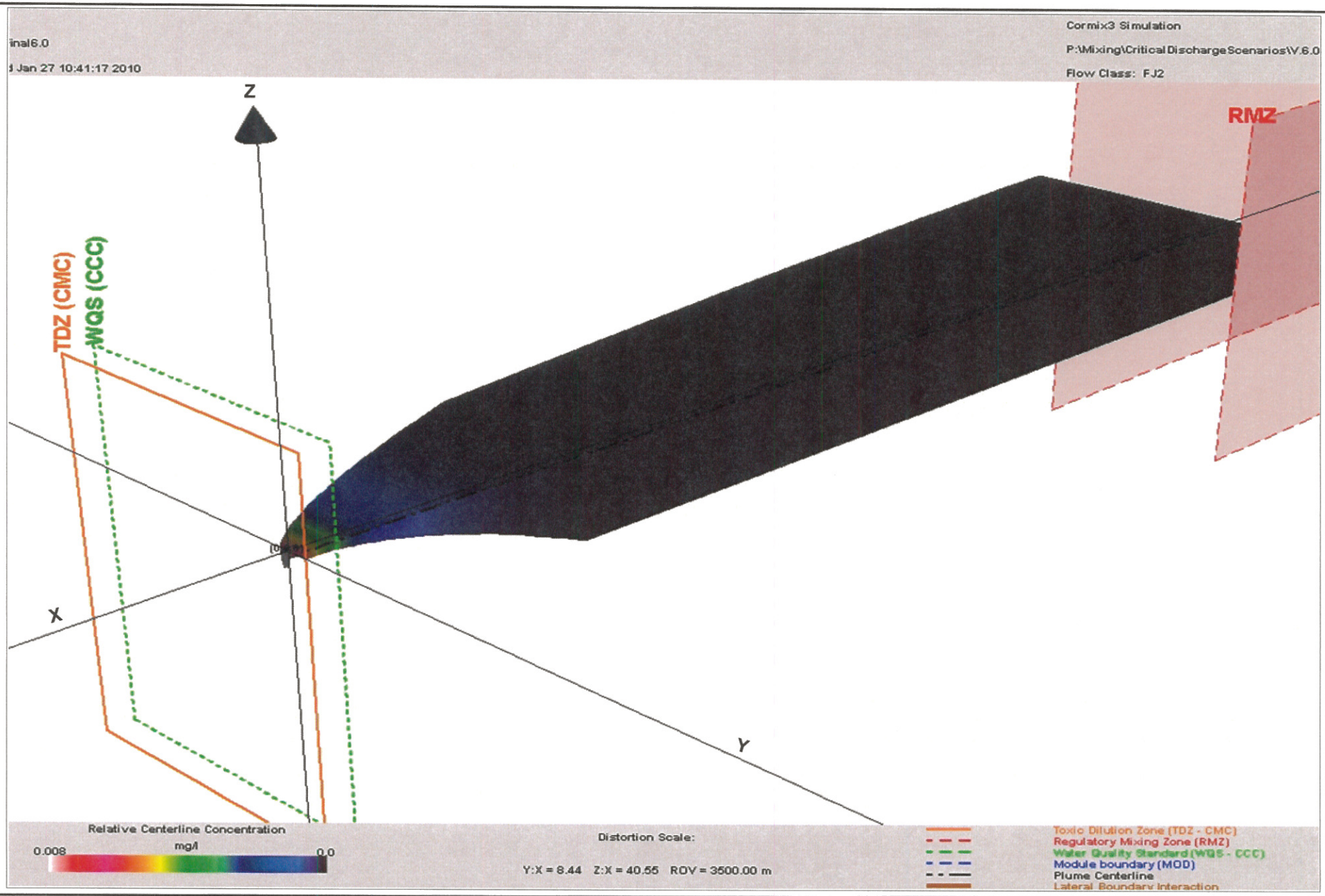

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Figure 4.4
3-D Projection of Plume
FJ Flow Class

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April 9, 2010

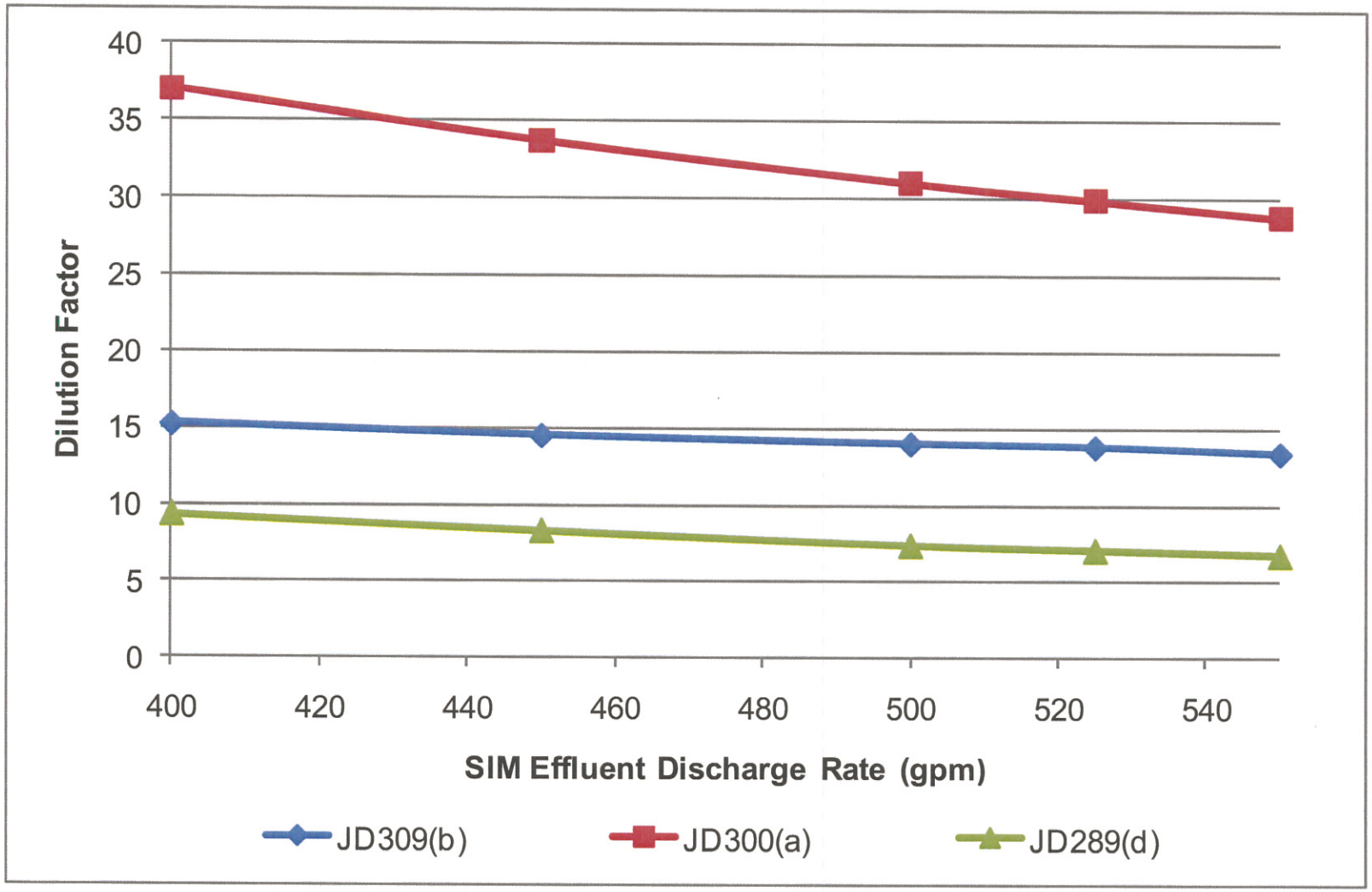

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Figure 4.5
Plot of Dilution vs. Effluent Discharge Rate

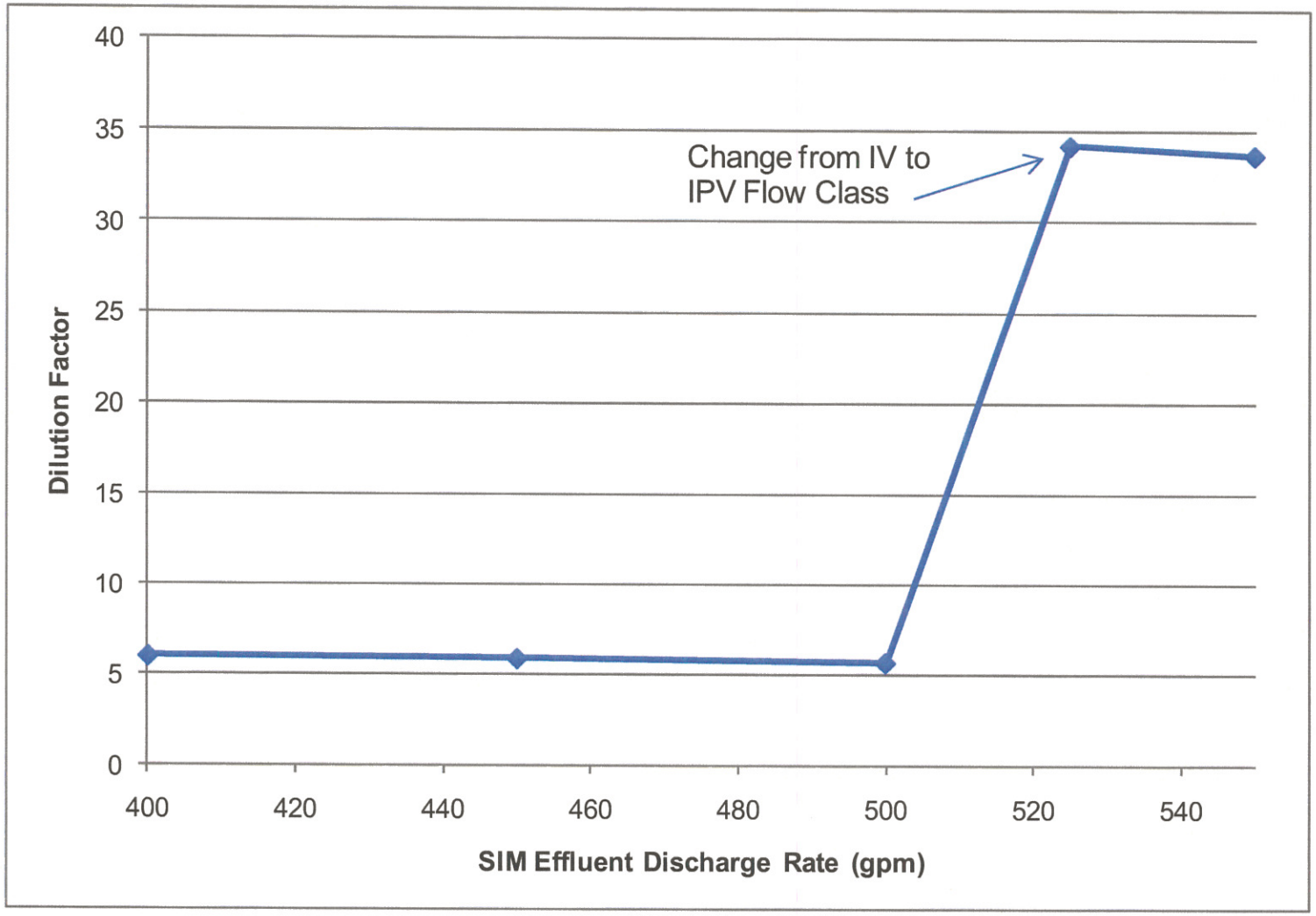

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Figure 4.6
Plot of Dilution vs. Effluent Discharge Rate
(for JD289(c) Only)

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Mixing Zone Study Report

Appendix A
Outfall 001 Photos, Plan, and Site Survey

FINAL

Table of Contents

Photographs of Outfall 001 Taken from SIM Property

South Myrtle Street Et Al, South Garden Street Drainage Outfall Plan and Profile

ACSM/Alta Land Title Survey, Seattle Iron and Metals

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