PMBelCOL PEmails

From: BelCol Resource
Sent: Thursday, November 06, 2008 7:30 AM
To: PMBelCOL PEmails
Subject: FW: ER Rev. 1 Figures (2 of 2)
Attachments: BLNFig8 4_9.pdf; bellefonteFig4 3_1.pdf; BLNFig4 4_2.pdf; BLNFig5 2_X1.pdf; BLNFig5 3_3.pdf; BLNFig5 3_4.pdf; BLNFig5 3_5.pdf; BLNFig8 2_9.pdf

Note: The email had a zip file attached. The documents were extracted from the zip file to facilitate processing. The documents extracted were in the form of JPG and TIF images. The documents were converted to PDF in order to facilitate processing. No other changes made.

From: Neil Haggerty [mailto:neilhaggerty@comcast.net]
Sent: Tuesday, October 28, 2008 11:57 AM
To: Mallecia Hood
Subject: ER Rev. 1 Figures (2 of 2)

Mallecia,

This is message 2 of 2, and it contains the Chapters 4, 5, and 8 figures that may be used in the DEIS.

Neil Haggerty
NuStart AP1000 Licensing Support Engineer

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Hearing Identifier: Bellefonte_COL_Public_EX
Email Number: 1225

Mail Envelope Properties (5A7F273F3E481245BC055B36939D3463061382869B)

Subject: FW: ER Rev. 1 Figures (2 of 2)
Sent Date: 11/6/2008 7:30:07 AM
Received Date: 11/6/2008 7:30:18 AM
From: BelCol Resource

Created By: BelCol.Resource@nrc.gov

Recipients:
"PMBelCOL PEmails" <PMBelCOL.PEmails@nrc.gov>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	**Size**	**Date & Time**
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BLNFig8 4_9.pdf	74004	
bellefonteFig4 3_1.pdf	2494443	
BLNFig4 4_2.pdf	1055853	
BLNFig5 2_X1.pdf	7535504	
BLNFig5 3_3.pdf	972353	
BLNFig5 3_4.pdf	570490	
BLNFig5 3_5.pdf	349713	
BLNFig8 2_9.pdf	72503	

Options
Priority: Standard
Return Notification: No
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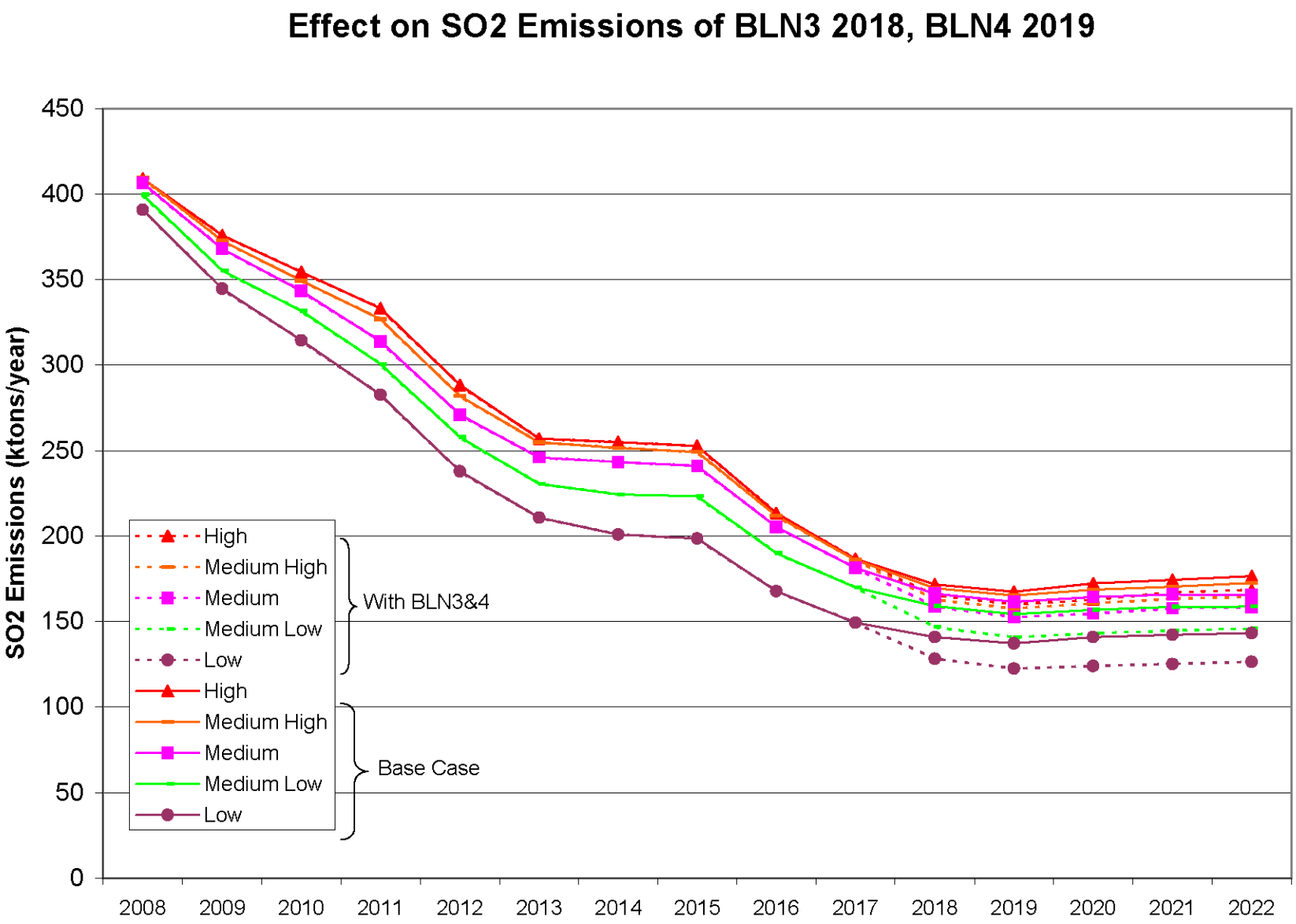

Effect on SO2 Emissions of BLN3 2018, BLN4 2019
SO2 Emissions (ktons/year)
450
400
350
300
250
200
150
100
50
0
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
High
Medium High
Medium
Medium Low
Low
With BLN3&4
High
Medium High
Medium
Medium Low
Low
Base Case

Legend

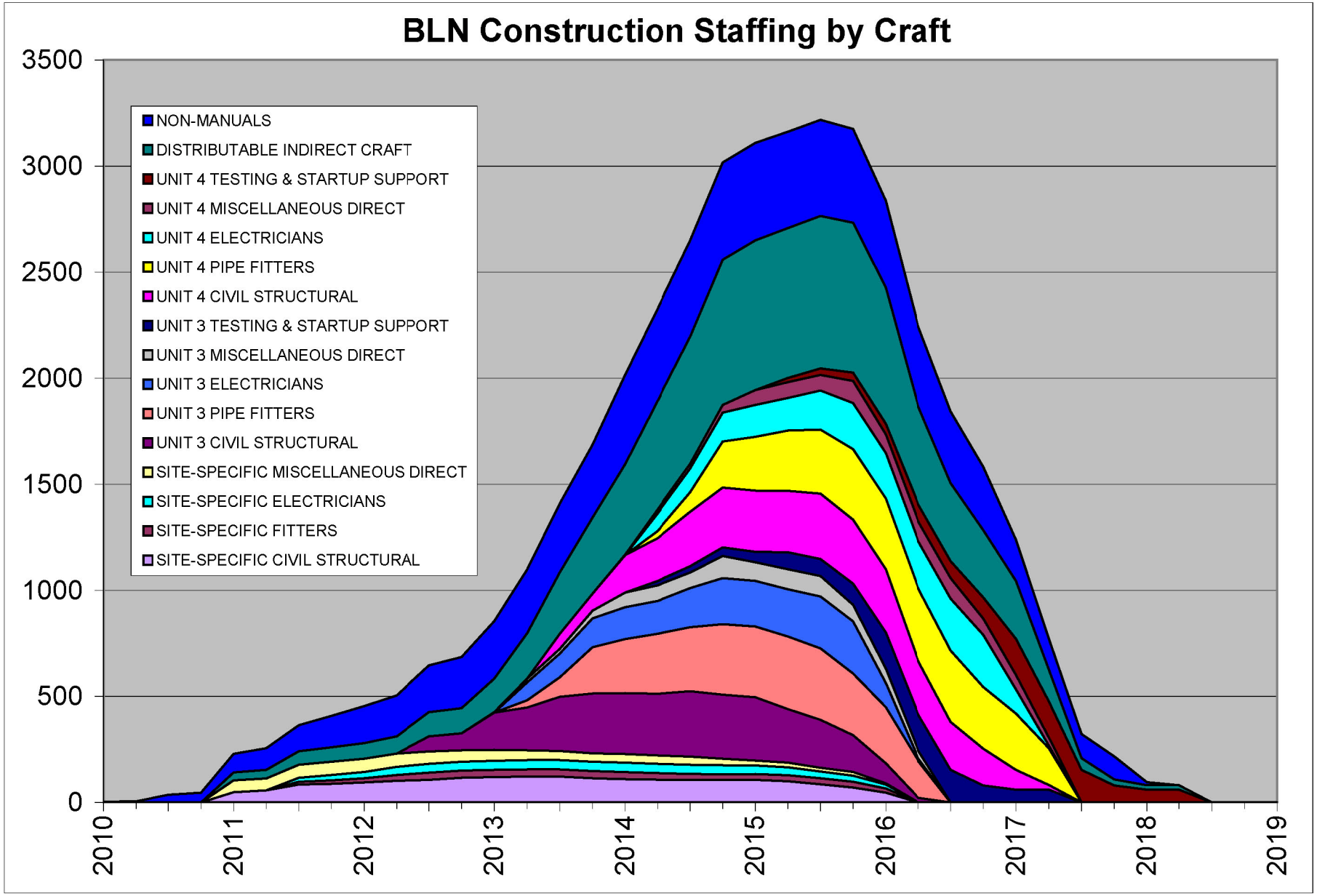
- Current Structures
- Affected Areas

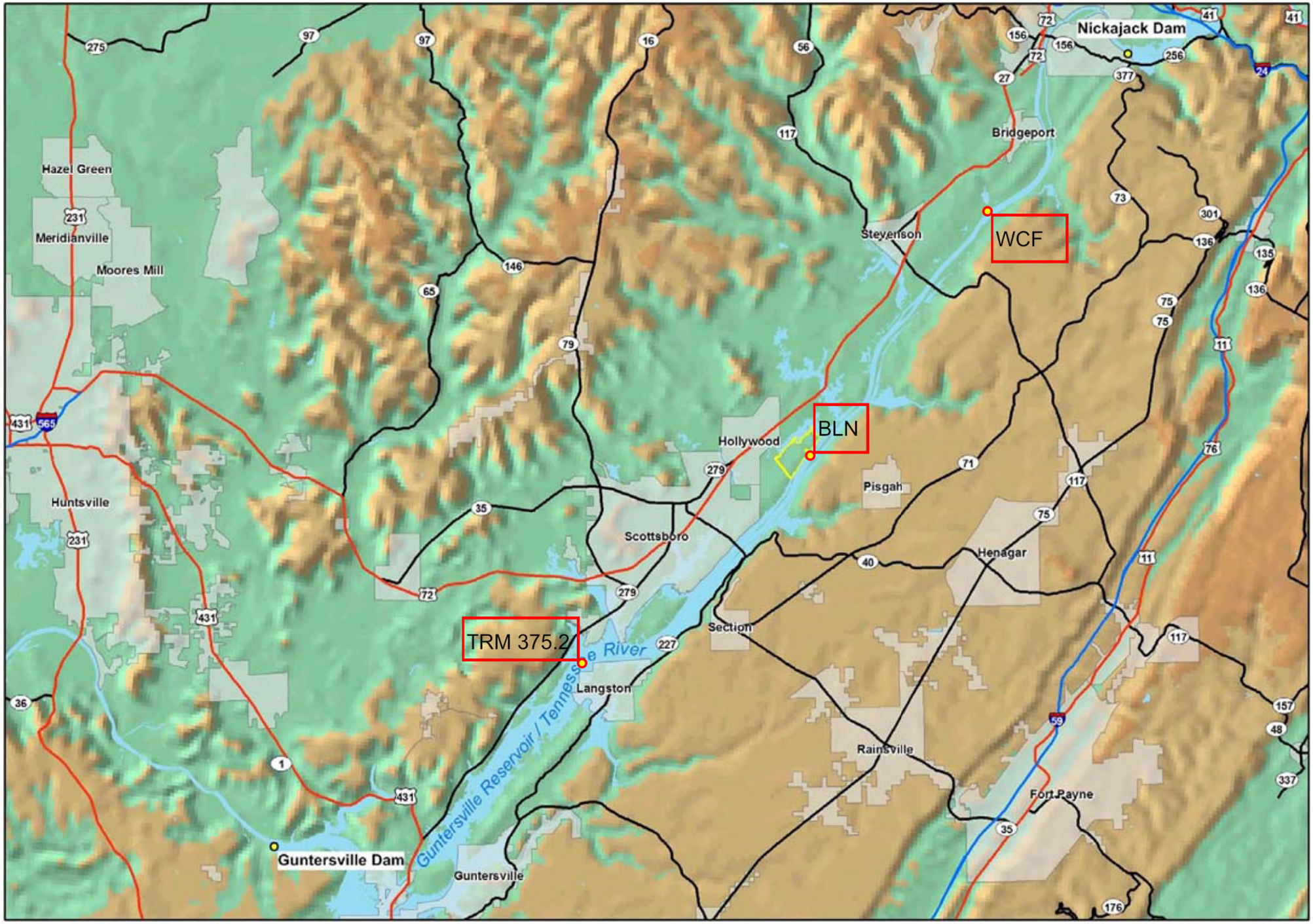
Affected Areas by Vegetation Type

- Mixed Hardwood Forest
- Pine - Hardwood Forest
- Bottomland / Riparian Forest
- Scrub Shrub Community
- Native Grass Field
- Improved / Cultivated Grass Field
- Emergent Wetland
- Mixed Hardwood Forested Wetland
- Water

N
W E
S

0 0.05 0.1 0.2
Miles


BLN Construction Staffing by Craft
3500
3000
2500
2000
1500
1000
500
0
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
NON-MANUALS
DISTRIBUTABLE INDIRECT CRAFT
UNIT 4 TESTING & STARTUP SUPPORT
UNIT 4 MISCELLANEOUS DIRECT
UNIT 4 ELECTRICIANS
UNIT 4 PIPE FITTERS
UNIT 4 CIVIL STRUCTURAL
UNIT 3 TESTING & STARTUP SUPPORT
UNIT 3 MISCELLANEOUS DIRECT
UNIT 3 ELECTRICIANS
UNIT 3 PIPE FITTERS
UNIT 3 CIVIL STRUCTURAL
SITE-SPECIFIC MISCELLANEOUS DIRECT
SITE-SPECIFIC ELECTRICIANS
SITE-SPECIFIC FITTERS
SITE-SPECIFIC CIVIL STRUCTURAL

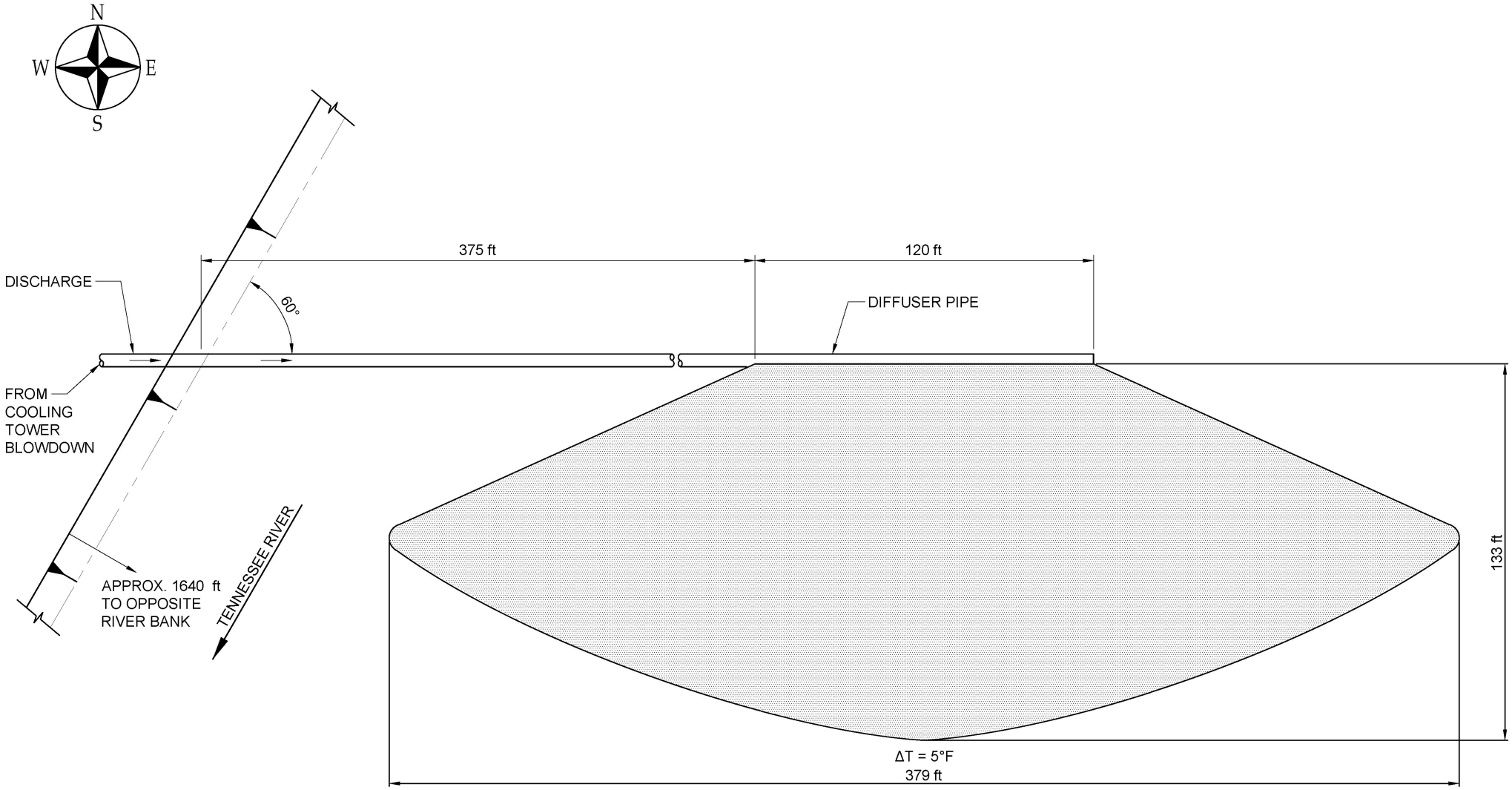


Legend

- Dams
- BLN Site Boundary
- Urban Areas
- Interstate
- Federal Highway
- State Highway

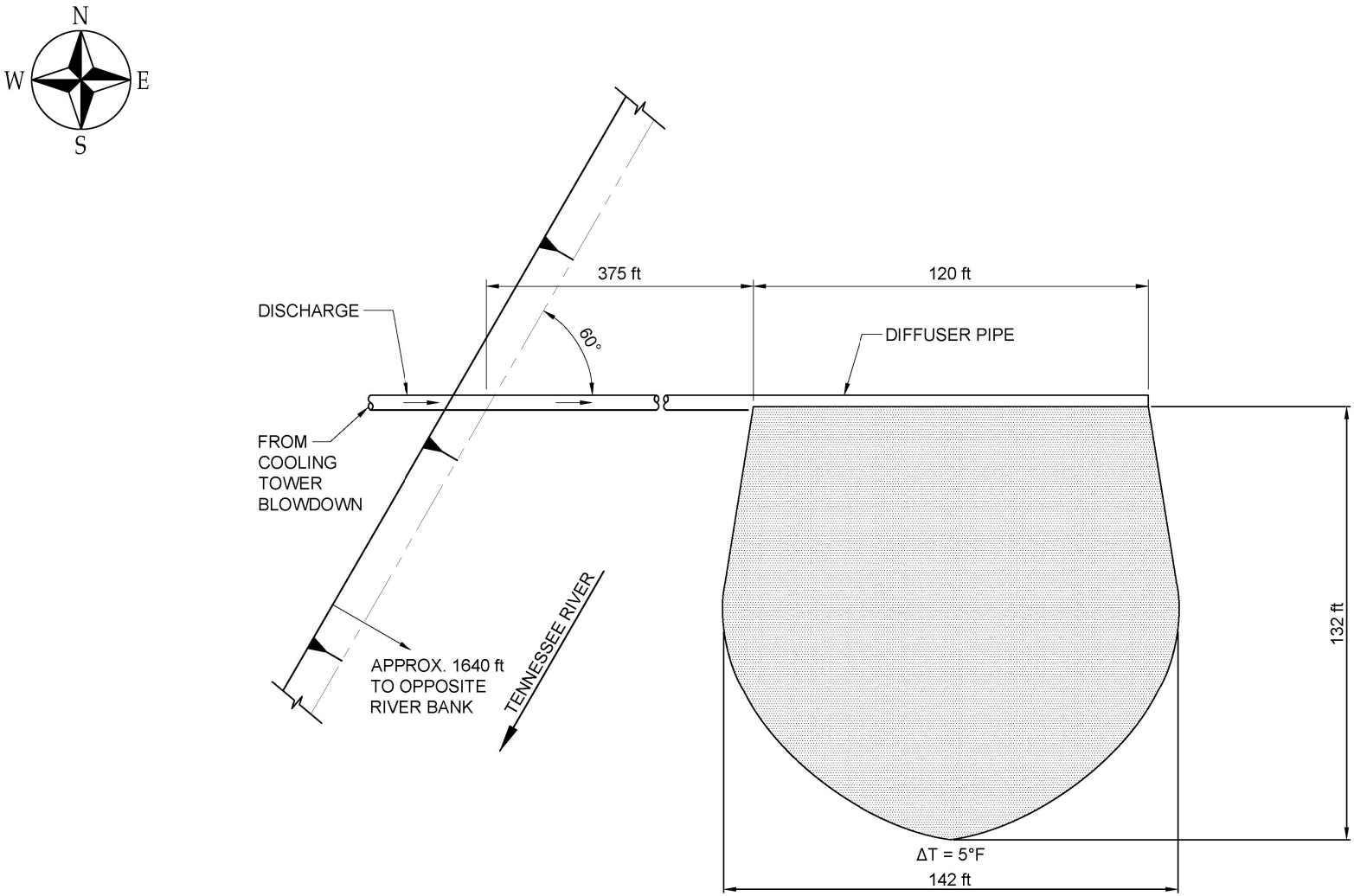
0 4 8 16
Miles

N W E S



PLAN

FIGURE 5.3-3
100% EFFLUENT FLOW THROUGH BOTH
DIFFUSERS - 7Q10 RIVER FLOW (39.2°F)



PLAN

FIGURE 5.3-4
100% EFFLUENT FLOW THROUGH BOTH
DIFFUSERS - 7Q10 RIVER FLOW (90°F)

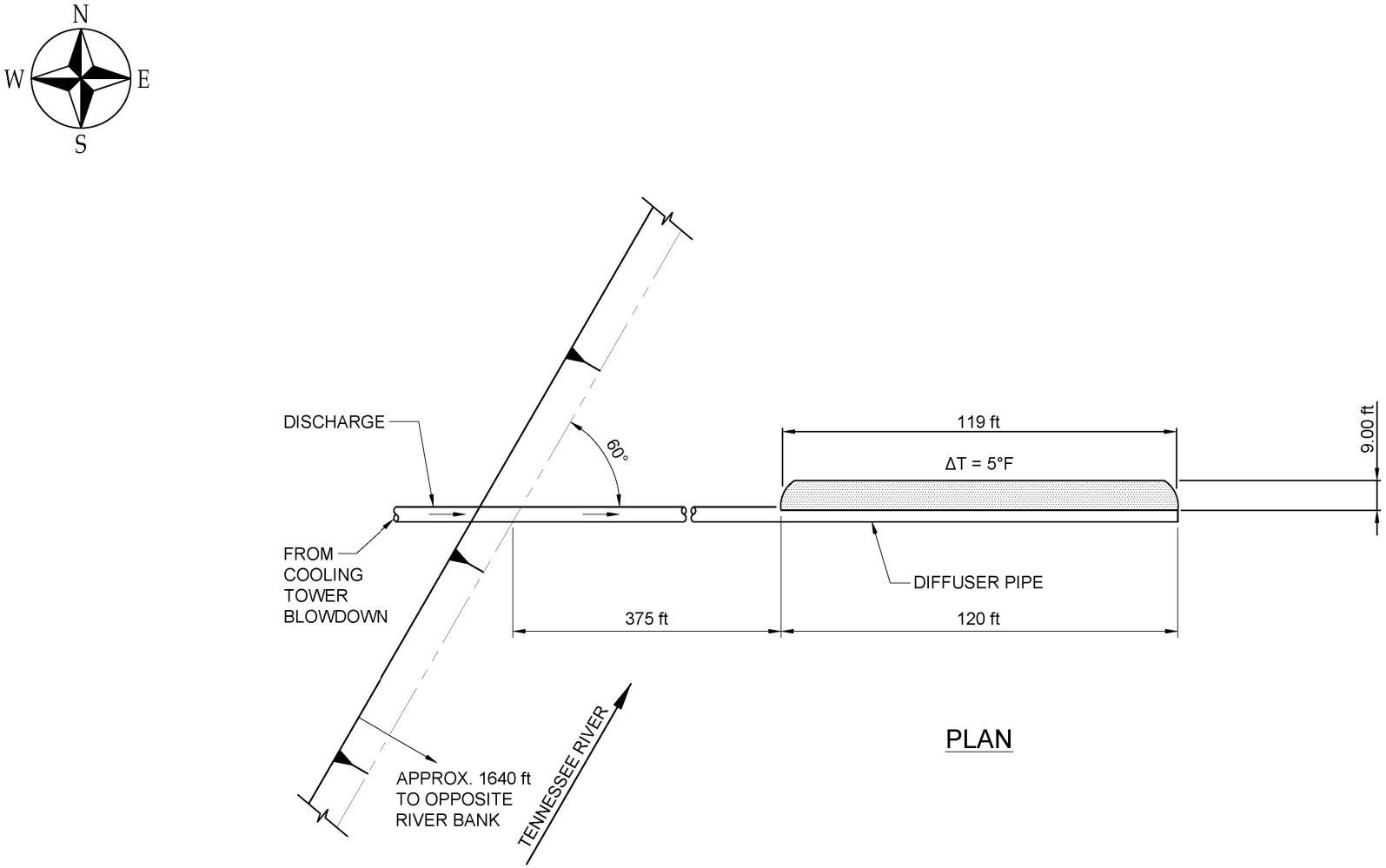
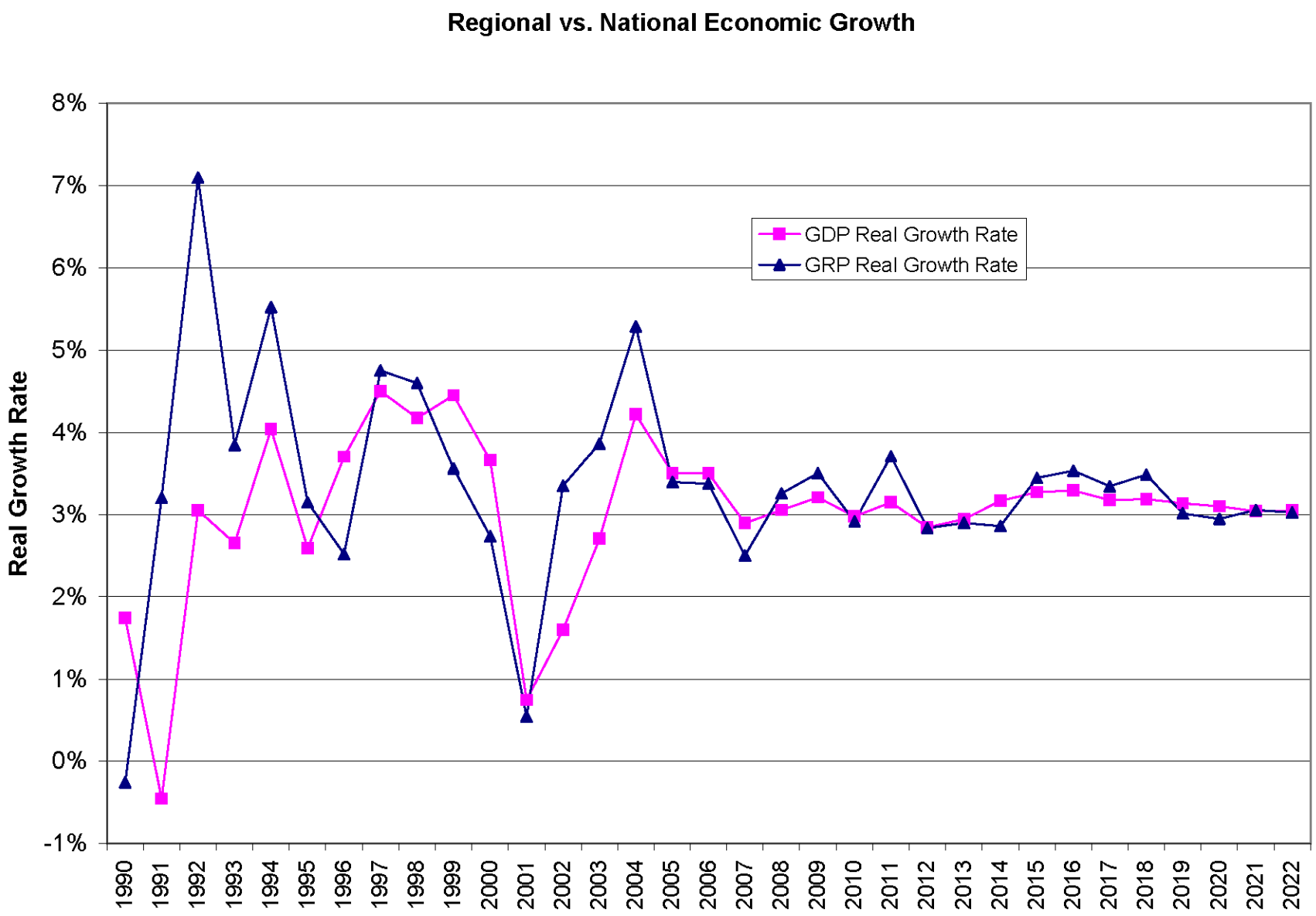


FIGURE 5.3-5
100% EFFLUENT FLOW THROUGH BOTH DIFFUSERS -
MAXIMUM REVERSE RIVER FLOW (39.2°F)


Regional vs. National Economic Growth
Real Growth Rate
8%
7%
6%
5%
4%
3%
2%
1%
0%
-1%
GDP Real Growth Rate
GRP Real Growth Rate
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022