


# ADEQ

ARKANSAS  
Department of Environmental Quality

AFIN: \_\_\_\_\_ Permit No.: AR0042846  
 Date: \_\_\_\_\_ By: \_\_\_\_\_  
 Project: permit renewal NOTES  
 Sheet \_\_\_\_\_ of \_\_\_\_\_

Printed on recycled content paper  
ADEQ Engineer/Geologist Grid Pad - revised 2007



002

Sulfate = 163 mg/L  
TDS = 460 mg/L

Copper = < 20 ug/L
Nickel = 210 ug/L

Required MCL not met  
Nickel shows no RP using 10ug

~~mercury = 1.68 ng/L (0.00168 ug/L)~~

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003

Sulfate = 89.2 mg/L  
TDS = 340 mg/L

Copper = 0.69 ug/L  
Nickel = 0.72 ug/L

~~mercury = 0.00266 ug/L~~

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Lead = 0.55 ug/L

NO RP shown

001

NO discharge since May 2010

Highest monthly avg flows past 2 years (May 2009 - May 2011)

- 001 = 0.115 mgd
- 002 = 0.14 mgd
- 003 = 0.83 mgd
- 03A = 0.08 mgd
- 03B = 0.005 mgd (design flow)

Ecoregion : Gulf Coastal  
 Segment : 1B  
 HUC : 11140106  
 Reach : 004  
 303(d) list : NO

<del>WQS</del> Sulfate	<u>WQS</u> 41.3 + 15 = 56.3 mg/L
TDS	138 + $\frac{138}{3}$ = 184 mg/L

Reported values of SO<sub>4</sub> and TDS show no RP

Called Bob Blantz 10-4-11. Asked him to look at following issues:

1. Copper sample @ 002 reported as < 20. Required MCL = 0.5.
2. Explanation needed as to why Part 411 Subparts A or B are not applicable.
3. Page 3 of narrative outfall descriptions list 2 stormwater outfalls (SW-1 SW-2)