

NPDES PERMIT FILE

NPDES # AR0020036

AFIN # 33-00026

Permit PN

Correspondence

Technical Backup

Date Scanned

AR0020036

Permit No.

Facility Name: Melbourne

Water & Sewer

Date: 02/16/05

Engineer: Marysia Jastrzebski

Previous permit: 5/1/03 effective date:

modification date: N/A

expiration date: 04/30/2005

Address:

P.O. Box 278  
Melbourne, AR 72556

Reps. Mike Cone

Changed  Yes  No

Coy Dale, Water & Sewer Superintendent  
370-368-4215

Narrative Description:

west of Manning Orchard flooring  
and 0.3 miles west of Melbourne, on Hwy 95 spur  
in sec 11, T16N, R9W in IZARD county

Changed  Yes  No

added, expanded

Coordinates:

Facility:

36 03 31  
91 55 34

Outfall:

36 04 23  
91 55 38  
WRONG

Changed  Yes  No

corrected to 36° 03' 33"  
91° 55' 39"  
as per e-mail 02/22/05

Receiving Stream:

WRONG  
appl.

unnamed trib of Mill Creek, Mill Creek, Piney Creek,  
White River

PERMIT, HQMP select

Changed  Yes  No

Segment: 4F

Changed  Yes  No

AWQMP: 4F 305(b): 4F Permit: 4F

Uses: primary, secondary

Changed  Yes  No

303(d) -> NO

AWQMP summary:

10/15/4/6  
30/30/12/6

Changed  Yes  No

runtime as was

Design flow: 0.41 mgd  
See e-mail from \_\_\_\_\_ dated \_\_\_\_\_

Limits:

same as before

Changed  Yes  No

Treatment system:

bar screen, oxidation ditch, clarifiers, chlorinators, dechlorinator  
flow meter, cascade post-aeration

Changed  Yes  No

Codes:

PC - AS - CF - PC - .01

**Biomonitoring:**

Changed \_\_\_ Yes \_\_\_ No

NIA

See e-mail dated \_\_\_\_\_ from \_\_\_\_\_

**Toxics:**

Changed \_\_\_ Yes \_\_\_ No

NIA

**Minerals:**

Changed \_\_\_ Yes \_\_\_ No

NIA

**Frequency of sampling, type:**

Changed \_\_\_ Yes  No

flow - 5/week  
all other parameters

- 2/month

OK

**Technology limits?:**

Changed \_\_\_ Yes \_\_\_  No

YES

**DMR data summary/violations:**

FCR	-	No violations
CBOD5	-	"
TRC	-	"
flow	-	0.11 - 0.23 mg/d
NH3-N	-	0.1 - 0.8 mg/L
DO	-	min 6.7 mg/L
PH	-	OK
TSS	-	1 - 12 mg/L

1 - 23 col/100 ml  
2 - 5 mg/L  
0.1 max

**Enforcement actions?:**

OK

See e-mail from Vicky on 2/18/05 dated 02/17/05

**Sludge:**

Changed \_\_\_ Yes \_\_\_  No

Appl: covered under separate state permit 4575-4

See e-mail from \_\_\_\_\_ dated \_\_\_\_\_

no, covered by this MDES permit

Changes to the permit:

Changed \_\_\_\_\_ Yes

\_\_\_\_\_ No

- 1) coordinates of Outfall 001
- 2) pH
- 3) Parts II, III, IV
- 4) narrative description expanded

Phone calls, letters, e-mails, corrections, contacts, etc:

1) need <sup>to</sup> call David Hopkins (Fevell Eng.) 1-800-352-0928  
 to discuss - coordinates Outfall 001 ext 106  
 WRONG ↑

- flow vs. all other parameters monitoring location  
 - state permit 4575-U  
 called on 02/18

Summary/Other issues:

talked to David on 02/22/05

Drafted on 02/24/05, ON HOLD  
 Awaiting NH3-N policy  
 Drafted again 04/27/05

called Mr. Coy Dole, W & U Superintendent  
 left message 1:16pm 05/02/05 to discuss NH3-N

talked to Mr. Dole 1:44pm;