

Permit No. **AR0021717**  
Facility Name: **FLIPPIN**  
Date: **06/21/07**  
Engineer: **Marysia Jastrzebski**

Previous permit: effective date: **09/01/02**  
modification date:  
expiration date: **08/31/07**

Address: **Mayor Mary Jane Eakin**  
**222 East Ind. Drive**  
**Flippin, AR 72634**  
**PO Box 40**  
**AR 72634**

Changed  Yes  No  
**870-453-8300**

Narrative Description:  
**similar**

Changed  Yes  No

Coordinates: **confirmed 07/22/07**  
Facility: PDS: **36°16'56"** Outfall: **36°17'00"**  
appl. **36°18'00"** **92°35'10"** Appl: **36°17'00"** **92°35'10"**  
**WRONG** **OW**

Changed  Yes  No  
**facility coordinates**

Receiving Stream:  
**Fallen Ash Creek → White Creek**

Changed  Yes  No

Segment: **41**

Changed  Yes  No

AWQMP:  305(b):  Permit:

Uses: **primary & secondary** **more than 10 sq. miles**

Changed  Yes  No

AWQMP summary:  
**10115/217.6**  
**10115/9/9.2**

Changed  Yes  No

Design flow: **0.175**  
See e-mail from **HDT** dated **03/29/07**

Limits: **same + FCB (primary & secondary)**

Changed  Yes  No

Treatment system:  
**screen, grit removal, oxidation ditch, clarifier, ISF, UV DISINF, POST-AERATION**

Changed  Yes  No

Codes:

**Biomonitoring:**

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

N/A

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

**Toxics:**

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

N/A

**Minerals:**

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

N/A

**Frequency of sampling, type:**

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

flow - 5/week  
all - 2/month

**Technology limits?:**

Changed \_\_\_ Yes  No

**DMR data summary/violations:**

FCB - 1 - 146 col/100 ml  
CBOD5 - 0.7 - 2.56 mg/L  
NH3-N - 0.1 - 1.37 mg/L  
DO - OK  
pH - OK  
TSS - max MA 3.98 mg/L

**Enforcement actions?:**

NONE

**Sludge:**

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

→ landfill Norbars Sanitation

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

**Changes to the permit:**

Changed  Yes

No

- 1) Tracking address added
- 2) Facility coordinates changed
- 3) Sampling locations added
- 4) DO
- 5) PH
- 6) Feb for primary contact notes
- 7) 7-day avg ~~Aug~~ <sup>is</sup> 7-day avg May Oct
- 8) NH 3-N ~~Apr~~ <sup>is</sup> 7-day avg
- 9) TSS 7-day Avg

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

001 :  
 36° 17' 00"  
 92° 35' 09"  
 Source  
 flow  
 36° 16' 59"  
 92° 35' 06"

Facility  
 36° 16' 56"  
 92° 35' 03"

Summa

Aske

(0

altav : 36° 17' 00"  
 92° 35' 07"

001 = 36° 17' 00" , 92° 35' 10" = ~~PERMIT~~ / MPZ.  
 sampling (flow) 36° 16' 59" , 92° 35' 06"  
 " (all other parameters) 36° 17' 00" 92° 35' 07"

**Jastrzebski, Marysia**

**From:** Cotter, Amy  
**Sent:** Thursday, March 29, 2007 10:23 AM  
**To:** Jastrzebski, Marysia  
**Subject:** RE: City of Flippin

M,  
The modeled limits seem to be overly conservative. If the facility is having trouble, let me know and we can work something out. Thanks.

-AB

-----Original Message-----  
**From:** Jastrzebski, Marysia  
**Sent:** Wednesday, March 28, 2007 12:26 PM  
**To:** Cotter, Amy  
**Subject:** City of Flippin

Hello Amy,

Below is a request for the effluent limits for the City of Flippin. **Please note that AWQMP shows design flow of 0.4 mgd, while all previous permits and the recent application show design flow of 0.175 mgd. Could you please revise the plan?)**

thanks,

m

**ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY**

**MEMORANDUM**

**TO:** Amy Cotter, Engineer  
**FROM:** Marysia Jastrzebski, P.E. , Engineer  
**DATE:** March 28, 2007  
**SUBJECT:** Update Effluent Limits

-----  
Name of facility: City of Flippin

NPDES Permit No. AR0021717

NPDES Permit Expiration Date: 08/31/07

Are there any changes from previously permit? Yes \_\_\_\_\_ NO  
\_\_\_\_\_X\_\_\_\_\_

The following **Effluent Limits** and the **receiving stream** exist in WQMP, please confirm the

accuracy:

**Effluent Limits:** (CBOD5/TSS/NH3-N/DO) (May-Oct.)10/15/2/7.6

(CBOD5/TSS/NH3-N/DO) (Nov.-Apr.) 10/15/9/9.2

**Q = 0.175 MGD ( please note that AWQMP shows design flow of 0.4 mgd, all previous permits and application show design flow of 0.175 mgd. Could you please revise the plan?)**

**The receiving stream is:** Fallen Ash Creek, thence into the White River

**Outfall Coordinates:** Latitude: 36 deg 17' 00" Longitude: 92 deg 35' 10"

**County:** Marion

**Planning Segment:** 4I

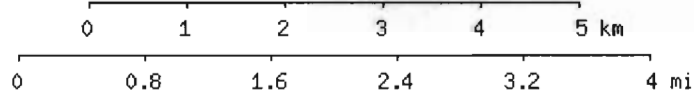
**Previous permit 7Q10:** \_\_\_\_\_ 0 \_\_\_\_\_

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**From:** Amy Cotter  
**TO:** Marysia Jastrzebski, P.E.

7Q10 = \_\_\_\_\_ 0 \_\_\_\_\_ cfs  
less than 10 square miles \_\_\_\_\_  
more than 10 square miles \_\_\_\_\_ x \_\_\_\_\_  
May affect water of another State \_\_\_\_\_ Yes \_\_\_x\_\_\_ No

Justification Renew as is. AB 3/29/07

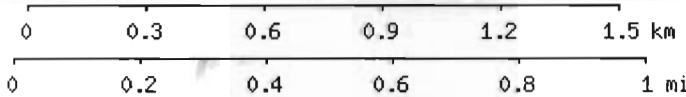
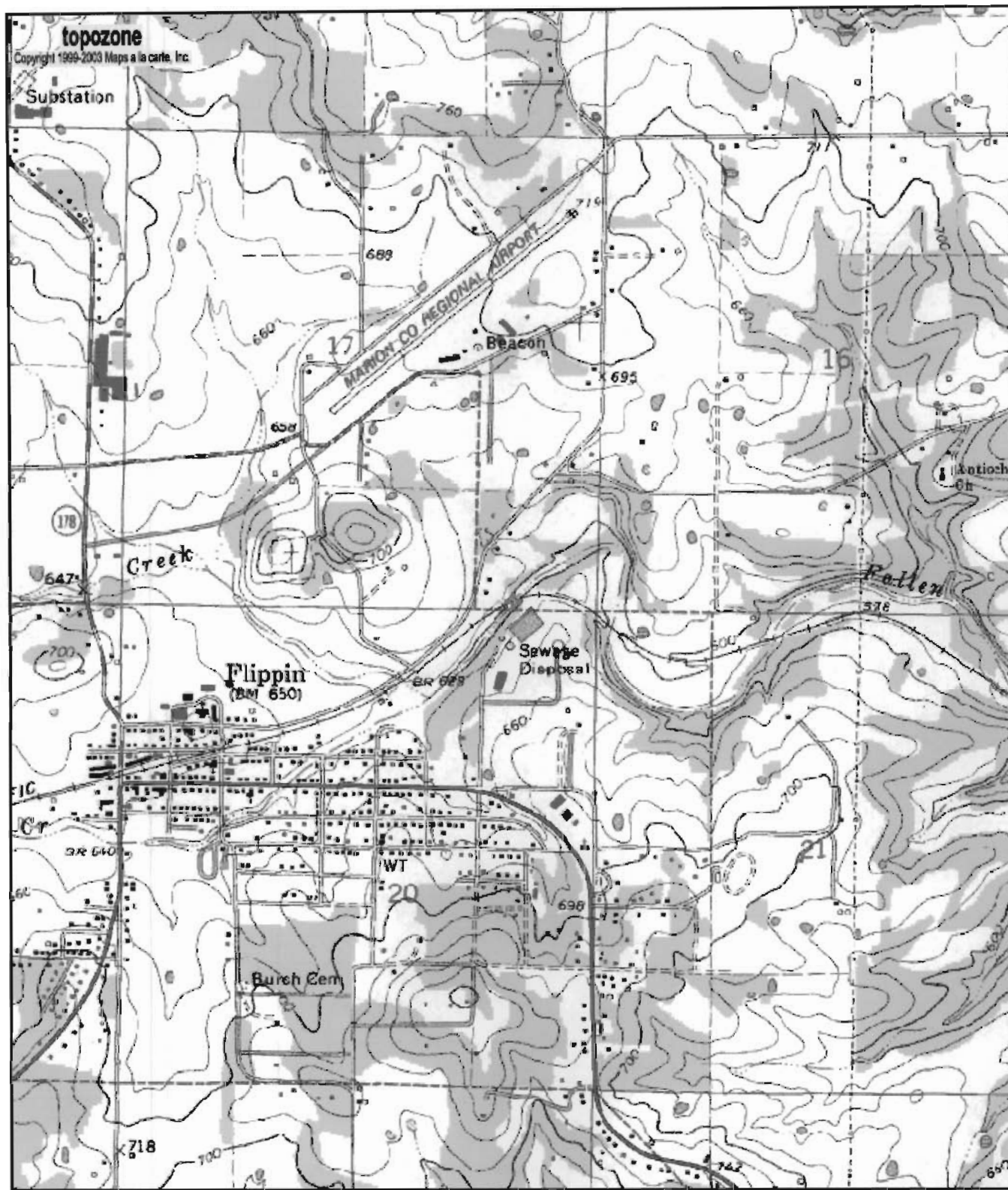


36° 19' 40"N, 92° 32' 18"W (NAD83/WGS84)

**USGS Cotter (AR) Quadrangle**

Projection is UTM Zone 15 NAD83 Datum



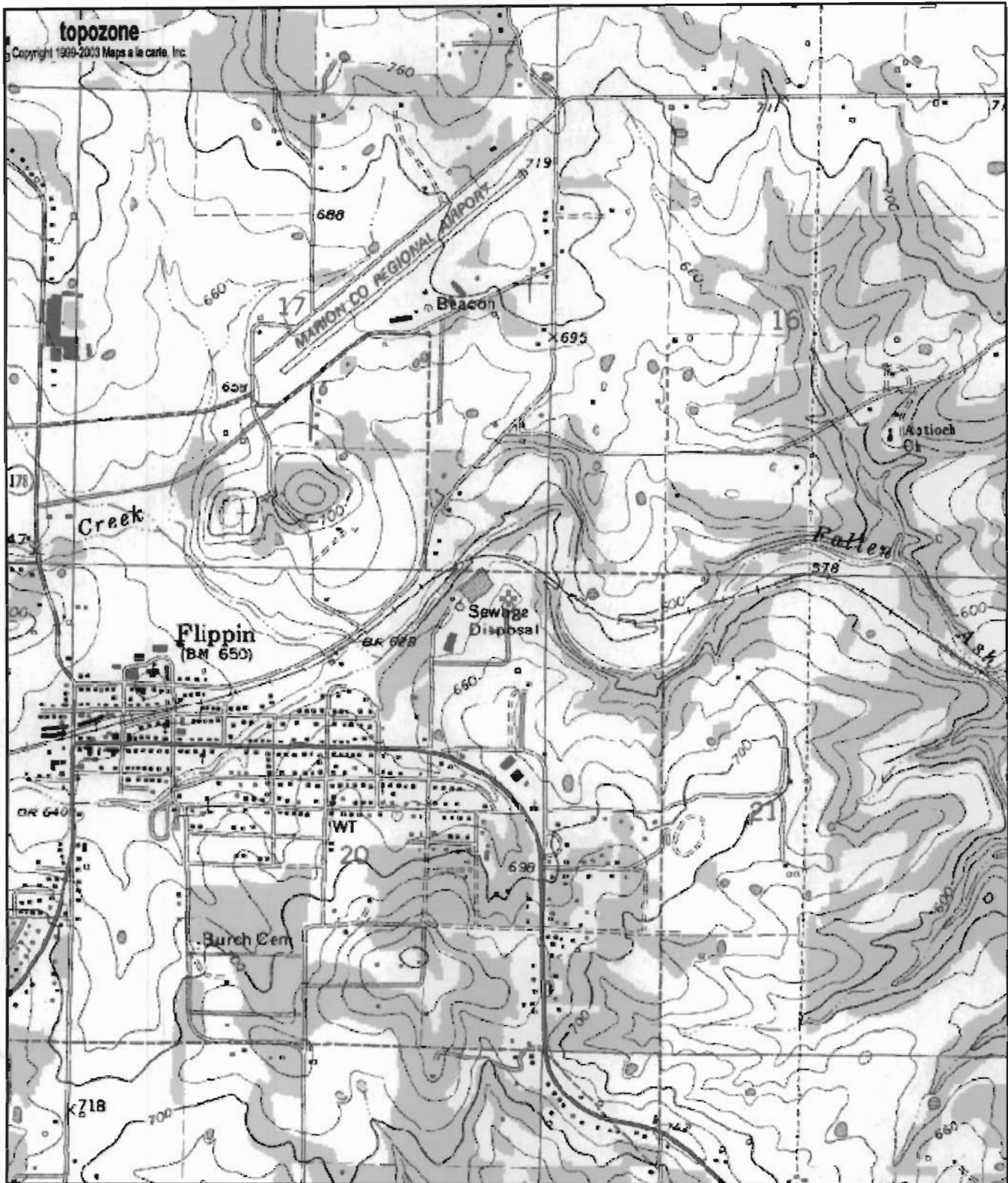


36° 17' 00"N, 92° 35' 10"W (NAD83/WGS84)  
**USGS Cotter (AR) Quadrangle**  
 Projection is UTM Zone 15 NAD83 Datum

M=1.805  
 G=0.245

*OUTFALL 001*





0 0.3 0.6 0.9 1.2 1.5 km  
 0 0.2 0.4 0.6 0.8 1 mi

36° 16' 56"N, 92° 35' 04"W (NAD83/WGS84)  
**USGS Cotter (AR) Quadrangle**  
 Projection is UTM Zone 15 NAD83 Datum

*POC  
 Facility*

M=1.804  
 G=0.246



Permit Number ARCO21717

Points 67

Class III

**Reg.3.502 Classification of Municipal Wastewater Treatment Plants**

- (1) Class I - Individual, single-dwelling houses that treat domestic sewage only.
- (2) Class I - 01 - 25 rating points.
- (3) Class II - 26 - 49 rating points.
- (4) Class III - 50 - 74 rating points.
- (5) Class IV - 75 or greater rating points.

**(B) Classification Factor Rating Points**

Equivalent population served (1 point per each 2000 population)

Equivalent Population shall be calculated as:

Flow in MGD X Influent Biochemical Oxygen Demand (BOD) X 8.34  
divided by 0.17. (The maximum rating for this factor shall be 40.)

Pop. 1342

**Collection systems:**

- Lift station, one or more..... 5
- Vacuum collection system ..... 10

**Preliminary Treatment:**

- Screens / Bars..... 2
- Grit removal ..... 5

**Clarification:**

- Primary settling and sludge removal..... 4
- Secondary settling and sludge removal..... 6

**Lagoon/Pond/Natural Systems:**

- Stabilization/Holding pond(s)..... 10
- Aerated lagoon(s)/Natural systems ..... 12
- Fixed Film Systems: ..... 12

**Activated sludge:**

- Mechanical aeration / Diffused air..... 20
- Pure oxygen ..... 25
- Neutralization..... 5

**Tertiary Treatment:**

- Chemical treatment ..... 20
- Filtration..... 15
- Nutrient removal ..... 20

**Disinfection:**

- Chlorine..... 5
- Ozone ..... 7
- Ultraviolet Light (UVL)..... 5
- De-chlorination ..... 5

**Sludge Treatment:**

- Thickening or dewatering ..... 6
- Anaerobic digester(s) ..... 20
- Drying bed ..... 4
- Chemical conditioning..... 10
- Vacuum / coil filter(s) / centrifuge / composting..... 8
- DAF unit(s) ..... 10
- Sludge lagoon(s) ..... 6

**Sludge disposal:**

- Landfill w/heavy equipment ..... 2
- Land application..... 4
- Incineration ..... 8
- Land application of effluent with no direct discharge ..... 6

1

2  
5

6

10

20

15

5

4

FLIPPIN, CITY OF - AR0021717  
DMR DATA FROM 01/01/02 THROUGH PRESENT  
(M. RICE/PCS061807A1==>MARYSIA)

\*\*\*\*\*  
PERMIT NUMBER: AR0021717  
FACILITY NAME: FLIPPIN, CITY OF  
(SEGMENT 2):  
(SEGMENT 3):  
(SEGMENT 4):  
CITY : 31500 FLIPPIN  
COUNTY: 089 MARION  
STATE : AR REGION: 06 SUB-REGION:  
USGS HYD BAS CD: 11010003 STREAM SEGMENT: 0020  
USGS DESC: BULL SHOALS LAKE  
RECEIVING STREAM CLASS CD: MILEAGE INDICATOR: 7.220  
RECEIVING WATERS: FALLEN ASH CK, WHITE RV  
LATITUDE : +3617000 LONGITUDE: -09235100  
LAT/LON CODE OF ACCURACY: 2 NEAREST SECOND  
\*\*\*\*\*  
\* GENERAL FACILITY INFORMATION \*  
\*\*\*\*\*  
PERMIT NUMBER: AR0021717  
PAGE: 1  
\*\*\*\*\*

MAJOR/MINOR : TYPE OF OWNERSHIP: PUB PUBLIC  
MAJORS RATING : SIC CODE/DESCRIP : 4952 SEWERAGE SYSTEMS  
PREVIOUS RATING: NO CHG INDUSTRIAL CLASS : M MUNICIPAL  
ACTIVITY STATUS: ACTIVE CODE OF FED. REG.:  
ACTIVITY DATE : FED FACILITY ID :  
EPA HQ PRIORITY: CONSOLIDATED ID :  
REGION PRIORITY: S STATE PERMIT NO : 45-00021  
AVERAGE DESIGN FLOW : .175 CONTROL AUTHORITY ID :  
FEDERAL GRANT INDICATOR : \$ RECEIVING POTW ID :  
FINAL LIMIT INDICATOR : F RDF1: RDF4: RDF7: STATE  
WATER QUALITY LIMIT IND : RDF2: RDF5: 4I RDF8: CINDY  
PRETREAT PGM REQUIRED : RDF3: RDF6: RDF9:  
ATTORNEY: ENGINEER : MJ RDF0 :450021/(POPULATION SERVED=1342 )

LAT/LON METHOD: 4 STATE PLAN COORD. SYSTEM CONV LAT/LON DATUM : U UNKNOWN  
LAT/LON SCALE : 3 24,000 LAT/LON DESCRIPTION: 01099 CENTROID OF PROCESSING AREA  
SLUDGE INDICATOR:  
SLUDGE CLASS FAC IND: SLUDGE RELATED PERMIT # : ANNUAL DRY SLUDGE PROD: 0000000 DMT/YR  
SLUDGE USER DEFINED ELEMENT 1: SLUDGE USER DEFINED ELEMENT 2:

ARCHIVAL DESCRIPTOR: LAST ARCHIVAL DATE: 12/31/00 PERMIT DATE ISSUED: 08/31/02 PERMIT DATE EXPIRED: 08/31/07  
NEW SOURCE CODE: ORIGINAL PERMIT ISSUE DATE: 12/26/74 REISSUED NUMBER:  
\*\*\*\*\*  
\* MAILING INFORMATION \*  
\*\*\*\*\*

FACILITY LOCATION: PRIMARY DMR MAILING ADDRESS: ALTERNATE DMR MAILING ADDRESS:  
FLIPPIN WW TREATMENT PLANT FLIPPIN, CITY OF  
222 INDUSTRIAL DRD WASTEWATER TREATMENT PLANT  
SEC-20 TWP-19W RNG-15W P.O. BOX 40  
FLIPPIN FLIPPIN 72634  
ARKANSAS ARKANSAS 72634  
OWNER'S ADDRESS: OPERATOR'S ADDRESS: SLUDGE COMMERCIAL HANDLER ADDRESS:

OWNER'S PHONE: OPERATOR'S PHONE: OPERATORS'S PHONE: MARY JANE ERWIN, MAYOR  
OFFICIAL'S PHONE: (870) 453-8300 OFFICIAL'S PHONE: (870) 453-8300

FLIPPIN, CITY OF - AR0021717  
DMR DATA FROM 01/01/02 THROUGH PRESENT  
(M. RICE/PCS061807A1=>MARYSIA)

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FACILITY: FLIPPIN, CITY OF  
PERMIT TYPE: STANDARD  
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\* PERMIT TRACKING DATA \*  
\*\*\*\*\*  
PERMIT NUMBER: AR0021717  
PAGE: 2  
\*\*\*\*\*

TYPE OF APPLICATION: 2A MUNICIPAL  
PERMIT ISSUED BY : S STATE  
ORIGINAL ISSUE DATE: 12/26/74  
NUMBER OF REISSUES :  
NEW SOURCE CODE:  
NEW SOURCE DATE:

PERMIT TRACKING EVENT CODE / DESCRIPTION	ACTUAL DATE	SCHEDULED DATE	PERMIT TRACKING EVENT COMMENTS	RDE1	RDE2
P10-99 APPLICATION RECEIVED	03/02/07				
P20-99 APPLICATION COMPLETE	04/05/07				
P30-99 DRAFT PERMIT/PUBLIC NOTICE	07/11/02				
P40-99 PERMIT ISSUED	08/31/02				
P50-99 PERMIT EXPIRED	08/31/07				
P60-99 PERMIT EFFECTIVE	09/01/02				
035-06 PERMIT ISSUED FROM STATE DRAFT	09/04/97				
101-06 RECEIVES HAZARDOUS WASTE		11/26/86			NO
907-99 STATE CERTIFICATION REQUEST	10/26/74				
908-99 STATE CERTIFICATION RESOLVED	09/12/74				

FLIPPIN, CITY OF - AR0021717  
 DMR DATA FROM 01/01/02 THROUGH PRESENT  
 (M. RICE/PCS061807A1==>MARYSIA)

RF01  
 450021/(POPULATION SERVED)

RF01  
 450021/(POPULATION SERVED)

IPID	NAM1	NAM2	NAM3	MADI	FTYP	SIC	TYPO	MRAT	RDF4	FLOW	RDF5	ENGI	PEFD	PERE	VPRM	VMLO	MQAV	MQMX	MCMN	MCAV	MCMX	NODI	MVIO	
001A	FLIPPIN, CITY OF			4952	MUNICIPAL					.175	4I	MJ	09/01/02	08/31/07	74055	1				<0000001		81		E00
001A	FLIPPIN, CITY OF				GENERAL										74055	1				<0000001				E00
001A	FLIPPIN, CITY OF				GENERAL										74055	1				<0000001				E00
001A	FLIPPIN, CITY OF				GENERAL										74055	1				<0000001				E00
001A	FLIPPIN, CITY OF				GENERAL										74055	1				<0000001				E00
001A	FLIPPIN, CITY OF				GENERAL										74055	1				<0000002				E00
001A	FLIPPIN, CITY OF				GENERAL										74055	1				3		26		E00
001A	FLIPPIN, CITY OF				GENERAL										74055	1	16.43			16.43		270		E00
001A	FLIPPIN, CITY OF				GENERAL										74055	1	93.46			93.46		312		E00
001A	FLIPPIN, CITY OF				GENERAL										74055	1	82.03			82.03		673		E00
001A	FLIPPIN, CITY OF				GENERAL										74055	1	8.00			8.00		64		E00
001A	FLIPPIN, CITY OF				GENERAL										74055	1	18.11			18.11		328		E00
001A	FLIPPIN, CITY OF				GENERAL										74055	1	<0000001			<0000001				E00
001A	FLIPPIN, CITY OF				GENERAL										74055	1	<0000001			<0000001				E00
001A	FLIPPIN, CITY OF				GENERAL										74055	1	<0000001			<0000001				E00
001A	FLIPPIN, CITY OF				GENERAL										74055	1	146.96			146.96		450		E00
001A	FLIPPIN, CITY OF				GENERAL										74055	1	1.73			1.73		3		E00
001A	FLIPPIN, CITY OF				GENERAL										74055	1	1.41			1.41		2		E00
001A	FLIPPIN, CITY OF				GENERAL										74055	1	11.92			11.92		142		E00
001A	FLIPPIN, CITY OF				GENERAL										74055	1	3.16			3.16		10		E00
001A	FLIPPIN, CITY OF				GENERAL										74055	1	14.69			14.69		54		E00
001A	FLIPPIN, CITY OF				GENERAL										74055	1	1.99			1.99		4		E00
001A	FLIPPIN, CITY OF				GENERAL										74055	1	238			238		1096		E00
001A	FLIPPIN, CITY OF				GENERAL										74055	1	14.14			14.14		200		E00
001A	FLIPPIN, CITY OF				GENERAL										74055	1	2.64			2.64		7		E00
001A	FLIPPIN, CITY OF				GENERAL										74055	1	28.28			28.28		800		E00
001A	FLIPPIN, CITY OF				GENERAL										74055	1	3.46			3.46		4		E00
001A	FLIPPIN, CITY OF				GENERAL										74055	1	17.37			17.37		34		E00
001A	FLIPPIN, CITY OF				GENERAL										74055	1	10.96			10.96		15		E00
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001A	FLIPPIN, CITY OF				GENERAL										74055	1	2.23			2.23		5		E00
001A	FLIPPIN, CITY OF				GENERAL										74055	1	6.32			6.32		40		E00
001A	FLIPPIN, CITY OF				GENERAL										74055	1	16.91			16.91		143		E00
001A	FLIPPIN, CITY OF				GENERAL										74055	1	<0000001			<0000001				E00
001A	FLIPPIN, CITY OF				GENERAL										74055	1	<0000001			<0000001				E00
001A	FLIPPIN, CITY OF				GENERAL										74055	1	<0000001			<0000001				E00
001A	FLIPPIN, CITY OF				GENERAL										74055	1	<0000001			<0000001				E00

\*\*\*\*\* QL

FLIPPIN, CITY OF - AR0021717  
 DMR DATA FROM 01/01/02 THROUGH PRESENT  
 (M. RICE/PCS061807A1==>MARYSIA)

DATE	DESCRIPTION	AMOUNT	COUNT	UNIT
001A 03/31/05	COLIFORM, FECAL	<0000001	<0000001	E00
001A 04/30/05	COLIFORM, FECAL	<0000001	<0000001	E00
001A 05/31/05	COLIFORM, FECAL	<0000001	<0000001	E00
001A 06/30/05	COLIFORM, FECAL	1.73	3	E00
001A 07/31/05	COLIFORM, FECAL	<0000001	1	E00
001A 08/31/05	COLIFORM, FECAL	<0001.41	2	E00
001A 09/30/05	COLIFORM, FECAL	<0000001	<0000001	E00
001A 10/31/05	COLIFORM, FECAL	<0000001	<0000001	E00
001A 11/30/05	COLIFORM, FECAL	2.64	7	E00
001A 12/31/05	COLIFORM, FECAL	<0000001	<0000001	E00
001A 01/31/06	COLIFORM, FECAL	<0000001	<0000001	E00
001A 02/28/06	COLIFORM, FECAL	<0001.41	2	E00
001A 03/31/06	COLIFORM, FECAL	<0000001	<0000001	E00
001A 04/30/06	COLIFORM, FECAL	<0000001	<0000001	E00
001A 05/31/06	COLIFORM, FECAL	<0000001	<0000001	E00
001A 06/30/06	COLIFORM, FECAL	<0000001	<0000001	E00
001A 07/31/06	COLIFORM, FECAL	<0000001	<0000001	E00
001A 08/31/06	COLIFORM, FECAL	<0003.31	11	E00
001A 09/30/06	COLIFORM, FECAL	<0000001	<0000001	E00
001A 10/31/06	COLIFORM, FECAL	<0000001	<0000001	E00
001A 11/30/06	COLIFORM, FECAL	3.00	9	E00
001A 12/31/06	COLIFORM, FECAL	<0000001	<0000001	E00
001A 01/31/07	COLIFORM, FECAL	<0000001	<0000001	E00
001A 02/28/07	COLIFORM, FECAL	<0000001	<0000001	E00
001A 03/31/07	COLIFORM, FECAL	<0000001	<0000001	E00

SUB-TOTAL QUICK LOOK PRINT LINES: 65

FLIPPIN, CITY OF - AR0021717  
DMR DATA FROM 01/01/02 THROUGH PRESENT  
(M. RICE/PCS061807AJ==>MARYSIA)

DATE	DESCRIPTION	AMOUNT	STATUS	REMARKS
001A 01/31/02	BOD, CARBONACEOUS	1.57	80082 1	<00002.4 <00002.4 E00
001A 02/28/02	BOD, CARBONACEOUS	2.90	80082 1	<00002.4 <00002.4 E00
001A 03/31/02	BOD, CARBONACEOUS	0.90	80082 1	<00002.4 3.5 E00
001A 04/30/02	BOD, CARBONACEOUS	2.73	80082 1	<00002.4 <00002.4 E00
001A 05/31/02	BOD, CARBONACEOUS	8.93	80082 1	<00002.4 <00002.4 E00
001A 06/30/02	BOD, CARBONACEOUS	1.99	80082 1	<00002.4 <00002.4 E00
001A 07/31/02	BOD, CARBONACEOUS	2.60	80082 1	<00002.4 2.9 E00
001A 08/31/02	BOD, CARBONACEOUS	3.27	80082 1	<00002.4 <00002.4 E00
001A 09/30/02	BOD, CARBONACEOUS	4.81	80082 1	<00002.4 6 E00
001A 10/31/02	BOD, CARBONACEOUS	2.31	80082 1	<00002.4 <00002.4 E00
001A 11/30/02	BOD, CARBONACEOUS	2.45	80082 1	<00002.4 <00002.4 E00
001A 12/31/02	BOD, CARBONACEOUS	1.95	80082 1	<00002.4 <00002.4 E00
001A 01/31/03	BOD, CARBONACEOUS	2.23	80082 1	<00002.4 <00002.4 E00
001A 02/28/03	BOD, CARBONACEOUS	2.53	80082 1	<00002.4 <00002.4 E00
001A 03/31/03	BOD, CARBONACEOUS	2.54	80082 1	<00002.4 <00002.4 E00
001A 04/30/03	BOD, CARBONACEOUS	1.38	80082 1	<00002.4 <00002.4 E00
001A 05/31/03	BOD, CARBONACEOUS	4.05	80082 1	<00002.4 <00002.4 E00
001A 06/30/03	BOD, CARBONACEOUS	4.01	80082 1	<000003 <00002.4 E00
001A 07/31/03	BOD, CARBONACEOUS	1.84	80082 1	<00002.4 <00002.4 E00
001A 08/31/03	BOD, CARBONACEOUS	2.19	80082 1	<00002.4 <00002.4 E00
001A 09/30/03	BOD, CARBONACEOUS	2.64	80082 1	<00002.4 <000006 E00
001A 10/31/03	BOD, CARBONACEOUS	4.25	80082 1	<000006 6.15 E00
001A 11/30/03	BOD, CARBONACEOUS	4.17	80082 1	<00002.4 <00002.4 E00
001A 12/31/03	BOD, CARBONACEOUS	1.24	80082 1	<00002.4 <00002.4 E00
001A 01/31/04	BOD, CARBONACEOUS	3.42	80082 1	<00002.4 <00002.4 E00
001A 02/29/04	BOD, CARBONACEOUS	3.45	80082 1	2.6 5.2 E00
001A 03/31/04	BOD, CARBONACEOUS	1.52	80082 1	<00002.4 <00002.4 E00
001A 04/30/04	BOD, CARBONACEOUS	1.57	80082 1	<00002.4 <00002.4 E00
001A 05/31/04	BOD, CARBONACEOUS	3.50	80082 1	3.02 3.2 E00
001A 06/30/04	BOD, CARBONACEOUS	7.09	80082 1	6.60 7.65 E00
001A 07/31/04	BOD, CARBONACEOUS	<0002.20	80082 1	<0002.36 <00002.4 E00
001A 08/31/04	BOD, CARBONACEOUS	<0001.92	80082 1	<0002.34 <0002.34 E00
001A 09/30/04	BOD, CARBONACEOUS	<0001.32	80082 1	<0000.73 <00002.4 E00
001A 10/31/04	BOD, CARBONACEOUS	<0002.96	80082 1	<0001.83 3.6 E00
001A 11/30/04	BOD, CARBONACEOUS	<00002.4	80082 1	<0002.66 <00002.4 E00
001A 12/31/04	BOD, CARBONACEOUS	<0003.81	80082 1	<000002 <000002 E00
001A 01/31/05	BOD, CARBONACEOUS	4.96	80082 1	<000002 <000002 E00
001A 02/28/05	BOD, CARBONACEOUS	5.11	80082 1	2.54 3 E00
001A 03/31/05	BOD, CARBONACEOUS	<0003.85	80082 1	<000002 <000002 E00
001A 04/30/05	BOD, CARBONACEOUS	<0008.35	80082 1	<000002 <000002 E00
001A 05/31/05	BOD, CARBONACEOUS	<0003.01	80082 1	<000002 <000002 E00
001A 06/30/05	BOD, CARBONACEOUS	<0002.20	80082 1	<000002 <000002 E00
001A 07/31/05	BOD, CARBONACEOUS	<0001.46	80082 1	<000002 <000002 E00
001A 08/31/05	BOD, CARBONACEOUS	<0001.90	80082 1	<000002 <000002 E00
001A 09/30/05	BOD, CARBONACEOUS	<0002.00	80082 1	<000002 <000002 E00
001A 10/31/05	BOD, CARBONACEOUS	<0001.76	80082 1	<000002 <000002 E00
001A 11/30/05	BOD, CARBONACEOUS	<0001.93	80082 1	<000002 <000002 E00
001A 12/31/05	BOD, CARBONACEOUS	<0002.07	80082 1	<000002 <000002 E00
001A 01/31/06	BOD, CARBONACEOUS	<0001.70	80082 1	<000002 <000002 E00

\*\*\*\*\* Q1

FLIPPIN, CITY OF - AR0021717  
DMR DATA FROM 01/01/02 THROUGH PRESENT  
(M. RICE/PCS061807A1==>MARYSIA)

DATE	DESCRIPTION	AMOUNT	STATUS	REMARKS
001A 02/28/06	BOD, CARBONACEOUS	05 DAY, 20C	80082 1	<0002.00
001A 03/31/06	BOD, CARBONACEOUS	05 DAY, 20C	80082 1	<00001.6
001A 04/30/06	BOD, CARBONACEOUS	05 DAY, 20C	80082 1	<0001.92
001A 05/31/06	BOD, CARBONACEOUS	05 DAY, 20C	80082 1	<0005.60
001A 06/30/06	BOD, CARBONACEOUS	05 DAY, 20C	80082 1	<0001.78
001A 07/31/06	BOD, CARBONACEOUS	05 DAY, 20C	80082 1	<0001.67
001A 08/31/06	BOD, CARBONACEOUS	05 DAY, 20C	80082 1	<0001.95
001A 09/30/06	BOD, CARBONACEOUS	05 DAY, 20C	80082 1	<0002.74
001A 10/31/06	BOD, CARBONACEOUS	05 DAY, 20C	80082 1	<0004.24
001A 11/30/06	BOD, CARBONACEOUS	05 DAY, 20C	80082 1	3.85
001A 12/31/06	BOD, CARBONACEOUS	05 DAY, 20C	80082 1	4.33
001A 01/31/07	BOD, CARBONACEOUS	05 DAY, 20C	80082 1	3.59
001A 02/28/07	BOD, CARBONACEOUS	05 DAY, 20C	80082 1	5.81
001A 03/31/07	BOD, CARBONACEOUS	05 DAY, 20C	80082 1	2.89

SUB-TOTAL QUICK LOOK PRINT LINES: 63



Avg MA = 2.03 mg/L

$$= \frac{2}{10} = 20\%$$





FLIPPIN, CITY OF - AR0021717

DMR DATA FROM 01/01/02 THROUGH PRESENT

(M. RICE/PCS061807A1==>MARYSIA)

DATE	DESCRIPTION	AMOUNT	UNIT
001A 02/28/06	FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1	.115	E00
001A 03/31/06	FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1	.139	E00
001A 04/30/06	FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1	.437	E00
001A 05/31/06	FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1	.237	E00
001A 06/30/06	FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1	.134	E00
001A 07/31/06	FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1	.110	E00
001A 08/31/06	FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1	.131	E00
001A 09/30/06	FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1	.190	E00
001A 10/31/06	FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1	.182	E00
001A 11/30/06	FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1	.222	E00
001A 12/31/06	FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1	.252	E00
001A 01/31/07	FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1	.319	E00
001A 02/28/07	FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1	.247	E00
001A 03/31/07	FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1	.169	E00

63

SUB-TOTAL QUICK LOOK PRINT LINES:

\*\*\*\*\* Q1



FLIPPIN, CITY OF - AR0021717  
DMR DATA FROM 01/01/02 THROUGH PRESENT  
(M. RICE/PCS061807A1=>MARYSIA)

Date	Sample	Concentration	Flow	Volume	Mass	Concentration	Flow	Volume	Mass
001A 02/28/06	NITROGEN, AMMONIA	TOTAL (AS N)	00610	1	<0000.10	<00000.1	<00000.1	<00000.1	E00
001A 03/31/06	NITROGEN, AMMONIA	TOTAL (AS N)	00610	1	<0000.08	<00000.1	<00000.1	<00000.1	E00
001A 04/30/06	NITROGEN, AMMONIA	TOTAL (AS N)	00610	1	<0000.29	<0000.31	<00000.9	<00000.9	E00
001A 05/31/06	NITROGEN, AMMONIA	TOTAL (AS N)	00610	1	<0000.28	<0000.09	<00000.1	<00000.1	E00
001A 06/30/06	NITROGEN, AMMONIA	TOTAL (AS N)	00610	1	<0000.08	<00000.1	<00000.1	<00000.1	E00
001A 07/31/06	NITROGEN, AMMONIA	TOTAL (AS N)	00610	1	<0000.08	<00000.1	<00000.1	<00000.1	E00
001A 08/31/06	NITROGEN, AMMONIA	TOTAL (AS N)	00610	1	<0000.09	<00000.1	<00000.1	<00000.1	E00
001A 09/30/06	NITROGEN, AMMONIA	TOTAL (AS N)	00610	1	<0000.49	<0000.36	0.6	0.6	E00
001A 10/31/06	NITROGEN, AMMONIA	TOTAL (AS N)	00610	1	<00000.1	<0000.21	<00000.1	<00000.1	E00
001A 11/30/06	NITROGEN, AMMONIA	TOTAL (AS N)	00610	1	0.19	<00000.1	<00000.1	<00000.1	E00
001A 12/31/06	NITROGEN, AMMONIA	TOTAL (AS N)	00610	1	2.96	1.37	2.3	2.3	E00
001A 01/31/07	NITROGEN, AMMONIA	TOTAL (AS N)	00610	1	<0002.11	<0000.14	0.2	0.2	E00
001A 02/28/07	NITROGEN, AMMONIA	TOTAL (AS N)	00610	1	4.10	<0001.41	1.9	1.9	E00
001A 03/31/07	NITROGEN, AMMONIA	TOTAL (AS N)	00610	1	1.13	0.78	1.3	1.3	E00

SUB-TOTAL QUICK LOOK PRINT LINES: 63

Avg MA = 0.27 mg/L

$$\frac{0.27}{2} = 14\%$$



FLIPPIN, CITY OF - AR0021717  
DMR DATA FROM 01/01/02 THROUGH PRESENT  
(M. RICE/PCS061807A1=>MARYSIA)

Date	Sample ID	Parameter	Result	Unit
001A 02/28/06	00300 1	OXYGEN, DISSOLVED	9.91	E00
001A 03/31/06	00300 1	OXYGEN, DISSOLVED	9.31	E00
001A 04/30/06	00300 1	OXYGEN, DISSOLVED	9.30	E00
001A 05/31/06	00300 1	OXYGEN, DISSOLVED	7.61	E00
001A 06/30/06	00300 1	OXYGEN, DISSOLVED	7.70	E00
001A 07/31/06	00300 1	OXYGEN, DISSOLVED	10.46	E00
001A 08/31/06	00300 1	OXYGEN, DISSOLVED	7.78	E00
001A 09/30/06	00300 1	OXYGEN, DISSOLVED	7.84	E00
001A 10/31/06	00300 1	OXYGEN, DISSOLVED	7.82	E00
001A 11/30/06	00300 1	OXYGEN, DISSOLVED	9.29	E00
001A 12/31/06	00300 1	OXYGEN, DISSOLVED	9.46	E00
001A 01/31/07	00300 1	OXYGEN, DISSOLVED	9.51	E00
001A 02/28/07	00300 1	OXYGEN, DISSOLVED	9.57	E00
001A 03/31/07	00300 1	OXYGEN, DISSOLVED	9.35	E00

SUB-TOTAL QUICK LOOK PRINT LINES: 63

\*\*\*\*\* Q1





FLIPPIN, CITY OF - AR0021717  
DMR DATA FROM 01/01/02 THROUGH PRESENT  
(M. RICE/FCS061807A1=>MARYSIA)

DATE	DESCRIPTION	AMOUNT	STATUS	REMARKS
001A 02/28/06	PH	6.95	00400 1	
001A 03/31/06	PH	6.62	00400 1	
001A 04/30/06	PH	6.72	00400 1	
001A 05/31/06	PH	6.91	00400 1	
001A 06/30/06	PH	6.64	00400 1	
001A 07/31/06	PH	6.61	00400 1	
001A 08/31/06	PH	6.97	00400 1	
001A 09/30/06	PH	6.65	00400 1	
001A 10/31/06	PH	6.96	00400 1	
001A 11/30/06	PH	6.97	00400 1	
001A 12/31/06	PH	6.94	00400 1	
001A 01/31/07	PH	7.09	00400 1	
001A 02/28/07	PH	7.04	00400 1	
001A 03/31/07	PH	7.03	00400 1	
		7.05		
		6.74		
		6.75		
		6.99		
		6.67		
		7.31		
		7.01		
		7.00		
		7.03		
		6.98		
		7.21		
		7.19		
		7.15		
		7.04		

SUB-TOTAL QUICK LOOK PRINT LINES: 63

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FLIPPIN, CITY OF - AR0021717  
DMR DATA FROM 01/01/02 THROUGH PRESENT  
(M. RICE/PCS061807A1=>MARYSIA)

DATE	STATUS	CONCENTRATION	UNITS	REMARKS
001A 02/28/06	SOLIDS, TOTAL	<0001.56	2	E00
001A 03/31/06	SOLIDS, TOTAL	<0001.44	<0000002	E00
001A 04/30/06	SOLIDS, TOTAL	<0000001	<0000001	E00
001A 05/31/06	SOLIDS, TOTAL	<0001.52	2	E00
001A 06/30/06	SOLIDS, TOTAL	2.23	3	E00
001A 07/31/06	SOLIDS, TOTAL	<0000001	<0000001	E00
001A 08/31/06	SOLIDS, TOTAL	1.51	2	E00
001A 09/30/06	SOLIDS, TOTAL	<0000001	<0000001	E00
001A 10/31/06	SOLIDS, TOTAL	<0001.39	2	E00
001A 11/30/06	SOLIDS, TOTAL	<0000001	<0000001	E00
001A 12/31/06	SOLIDS, TOTAL	1.33	2	E00
001A 01/31/07	SOLIDS, TOTAL	<0000001	<0000001	E00
001A 02/28/07	SOLIDS, TOTAL	<0001.27	2	E00
001A 03/31/07	SOLIDS, TOTAL	<0000001	<0000001	E00

SUB-TOTAL QUICK LOOK PRINT LINES: 63

TOTAL QUICK LOOK PRINT LINES: 443

AVG MA = 1.3 mg/L

$$\frac{1.3}{15} = 8.7\%$$

## Permit Data System Specific Water-NPDES Permit Details

[Close this window](#) [Print this page](#) [Details for Permit Number](#)

Note: Click on the *AFIN number* for Facility Details

AFIN	Facility Name	City	County
<a href="#">45-00021</a>	FLIPPIN, CITY OF	FLIPPIN	MARION

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### Details for Permit Number: AR0021717

<b>Media:</b>	Code: WN	Description: Water-NPDES
<b>Permit Status:</b>	A	Active
<b>Permit Type:</b>	M	Municipal
<b>Permit Staff:</b>		

**Contact Name:**

**Phone:**

**Fax:**

**E-mail:**

**Mailing Addr.:** 222 INDUSTRIAL DRD  
FLIPPIN 72634

**Issued:** 08/31/2002

**Modified:**

**Expires:** 08/31/2007

**Void:**

**Notice of Intent Date:**

**Pmt History:**

**Pmt Comment:** FLIPPIN, CITY OF

**Prior Pmt Nbr:**

**Other Identifier:**

**Primary SIC Code:**

**Sec. SIC Code:**

**Tert. SIC Code:**

**Primary NAICS Code:**

**Sec. NAICS Code:**

**Tert. NAICS Code:**

**Lat. Deg/Min/Sec:** 36 16 55.52

**Long. Deg/Min/Sec:** -92 35 3.45

**Decimal Latitude:** 36.282088

**Decimal Longitude:** -92.584293

**UTM Northing:** 4015316.97

**UTM Easting:** 537332.92

**UTM Zone:** 15

**Date Measured:** 06/07/2006

**Current Datum:** NAD83

**Source Name:** ADEQ-GPS (postprocessed)

**GIS Comment:** Original PDOP Mask: 3.3; Gate; Imported by french on 6/9/2006 (BK060714B.cor).

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