

ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY
MONITORING REPORT FOR DECENTRALIZED WASTEWATER TREATMENT FACILITIES VIA DRIP IRRIGATION
MONTHLY MONITORING REPORT

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| PERMITTEE NAME |
| Joyce Street Cottages Propert Owners Assoc |

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|---|
| FACILITY NAME (IF DIFFERENT) |
| Joyce Street Cottages Property Owners Association |


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|-------------------|
| PERMIT NO. |
| 4957-WR-2 |

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| PERMITTEE ADDRESS |
| 4181 Rolling Meadows Fayetteville, AR |

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| FACILITY ADDRESS |
| 3578 E Joyce Blvd Fayetteville AR 72703 |

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|-----------------|
| AFIN NO. |
| 72-01805 |

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|--|------------|
| WASTEWATER EFFLUENT MONITORING PERIOD | |
| MM/DD/YYYY | MM/DD/YYYY |
| FROM 5/1/2017 | 5/31/2017 |

| TREATED WASTEWATER EFFLUENT SAMPLING | | | | | | |
|--|---|---|-----------|-----------|-----------------------|-------------|
| PARAMETER | PERMIT REQUIREMENT | SAMPLE MEASUREMENT | | UNITS | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
| PHOSPHOROUS, TOTAL (AS P) EFFLUENT GROSS VALUE | ***** | 2.3 | | MG/L | ONCE/ MONTH | GRAB |
| CBOD, 5-DAY (20 DEG. C) EFFLUENT GROSS VALUE | 15 | < 2 | | MG/L | ONCE/ MONTH | GRAB |
| PH EFFLUENT GROSS VALUE | 6 to 9 | 7.4 | | S.U. | ONCE/ MONTH | GRAB |
| SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS VALUE | 15 | 3.1 | | MG/L | ONCE/ MONTH | GRAB |
| SOLIDS, % TOTAL | ***** | 0.03 | | MG/L | ONCE/ MONTH | GRAB |
| COLIFORM, FECAL GENERAL EFFLUENT GROSS VALUE | 3,000 | < 2 | | N/100 ML | ONCE/ MONTH | GRAB |
| FLOW, THRU CONDUIT OR TREATMENT UNIT EFFLUENT GROSS VALUE | ***** | MONTHLY TOTAL | DAILY MAX | GPD | ONCE/ MONTH | TOTAL FLOW |
| | | 269,479 | 9,762 | | | |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER | I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. |  SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | | TELEPHONE | | DATE |
| Kathryn Bartlett | | | | 479 | 5305926 | 6/10/2017 |
| TYPED OR PRINTED | | | AREA CODE | NUMBER | MM/DD/YYYY | |
| COMMENTS AND EXPLANATION OF VIOLATIONS (<i>Reference all attachments here</i>) | | | | | | |

May 2017 JOYCE STREET COTTAGES LOADING RATES 9,762 Daily Max

| Zone Identification | GPD/sq 2 |
|---------------------|----------|
| Zone 1 | 1,356 |
| Zone 2 | 1,738 |
| Zone 3 | 1,835 |
| Zone 4 | 1,865 |
| Zone 5 | 2,128 |
| Zone 6 | 752 |

Environmental Services Company, Inc.

Corporate Office
 13715 West Markham
 Little Rock, AR 72211
 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch
 1107 Century Avenue
 Springdale, AR 72762
 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1705020175
 Customer Name : JOYCE STREET UTILITY LLC
 Customer/Permit No. : 1827 / 4957-WR-2 001
 Report Date : 05/23/17

Sample Date : 05/17/17
 Sample Time : 1012
 Sample Type : GRAB
 Sample From : EFFLUENT

Collected By: AEU
 Delivery By : AEU
 Work Order :
 Purchase Order :

Laboratory Analysis

| <u>Analysis</u> | | | <u>Laboratory Analysis</u> | | | <u>Quality Assurance</u> | | | |
|-----------------|-------------|-----------|----------------------------|---------------|--------------|--------------------------|-------------------|------------------|-------------------|
| <u>Date</u> | <u>Time</u> | <u>By</u> | <u>Parameter</u> | <u>Result</u> | <u>Notes</u> | <u>Quantity</u> | <u>Method</u> | <u>Precision</u> | <u>Accuracy</u> |
| | | | | | | | | <u>% RPD</u> | <u>% Recovery</u> |
| 05/17 | 1015 | AEU | pH | 7.4 | S.U. | | SM 2000 4500-H+ B | 0.00 | N/A * |
| 05/18 | 1000 | TSB | Phosphorous, Total (as P) | 2.3 | mg/L | | EPA 365.3 | 0.00 | 103.2 * |
| 05/22 | 1330 | JCB | Solids, Total Suspended | 3.1 | mg/L | | SM 1997 2540 D | 5.13 | N/A * |
| 05/17 | 1540 | RHB | Coliform, Fecal | < 2 | /100ml | | SM 9222 D 1997 | 0.00 | N/A * |
| 05/17 | 1400 | TSB | BOD, Carbonaceous | < 2.0 | mg/L | | SM 2001 5210 B | 11.54 | 108.1 * |
| 05/18 | 1410 | AEU | Solids, % Total by mass | 0.030 | % | | SM 1997 2540 G | 0.53 | N/A * |
| 05/17 | 1015 | AEU | Sample Collection/Travel | 1 | each | | | | |

* QA data shown is from a different sample or standard on the same date.

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature Richard Brown
 Environmental Services Co., Inc.

