

RESPONSE ENGINEERING LTD

OPERATIONS & MAINTENANCE DIVISION

MONTHLY STATUS REPORT FOR
KILBRITTAIN WWTP

PERIOD: September 2012

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MONTHLY STATUS REPORT FOR

KILBRITTAIN WWTP



Response Engineering Ltd

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PROJECT NUMBER:

MONTH: September 2012

Client: Cork County Council

Site: Kilbrittain

Project Manager Authorisation: Neil Ronan

Date: 10/10/2012

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APPENDICIES

Appendix A: Flow Readings

Appendix B: Results Summary

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Appendix D: Hours Run Schedule

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1. EXECUTIVE SUMMARY

The plant was in full compliance with all parameters.

2. INTRODUCTION

This report deals with the month of September 2012, from 1st – 30th.

3. RESULTS

Refer to Appendix A & B.

3.1 Flows

The average flow to the plant was 89m³/day.

3.2 PE Comparison

The hydraulic PE of the plant was 443m³/day, plant is designed for 800. The PE BOD of the plant was 321, plant is designed for 800.

3.3 Aeration Tank

The average MLSS for the month was 4851mg/l.

3.4 Inlet & Final Effluent Results

All effluent results are compliant for the month of September.

4. COMMENTS ON ANALYSIS RESULTS

The plant is significantly biologically under loaded in terms of BOD and under loaded in terms of flow.

5. PROCESS OPERATIONAL ISSUES

There are none to report.

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6. BREAKDOWNS & NON-ROUTINE MAINTENANCE

Inlet Pump No.1 needs a new impellor.

17th September, there was Power cut in plant all panels had to be reset.

7. HEALTH & SAFETY

There is nothing to report.

8. COMPLAINTS

There is nothing to report.

9. ALARM CALLOUTS & SITE INCIDENTS

There is nothing to report.

10. ANALYSIS RESULTS FOR THE EPA

The plant discharge parameters were:

LICENCE REQUIREMENTS		MONTH AVERAGES
COD	125mg/l	19mg/l
BOD	25mg/l	7mg/l
SS	30mg/l	15mg/l
TP	2mg/l	1.5mg/l

11. SLUDGE REMOVAL

There was no sludge removed from the site this month.

12. FACILITY MAINTENANCE

No issues to report.

13. FINANCIAL REVIEW

Monthly Application submitted, in accordance with the contract requirements for September 2012.

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APPENDIX A.

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APPENDIX B.

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