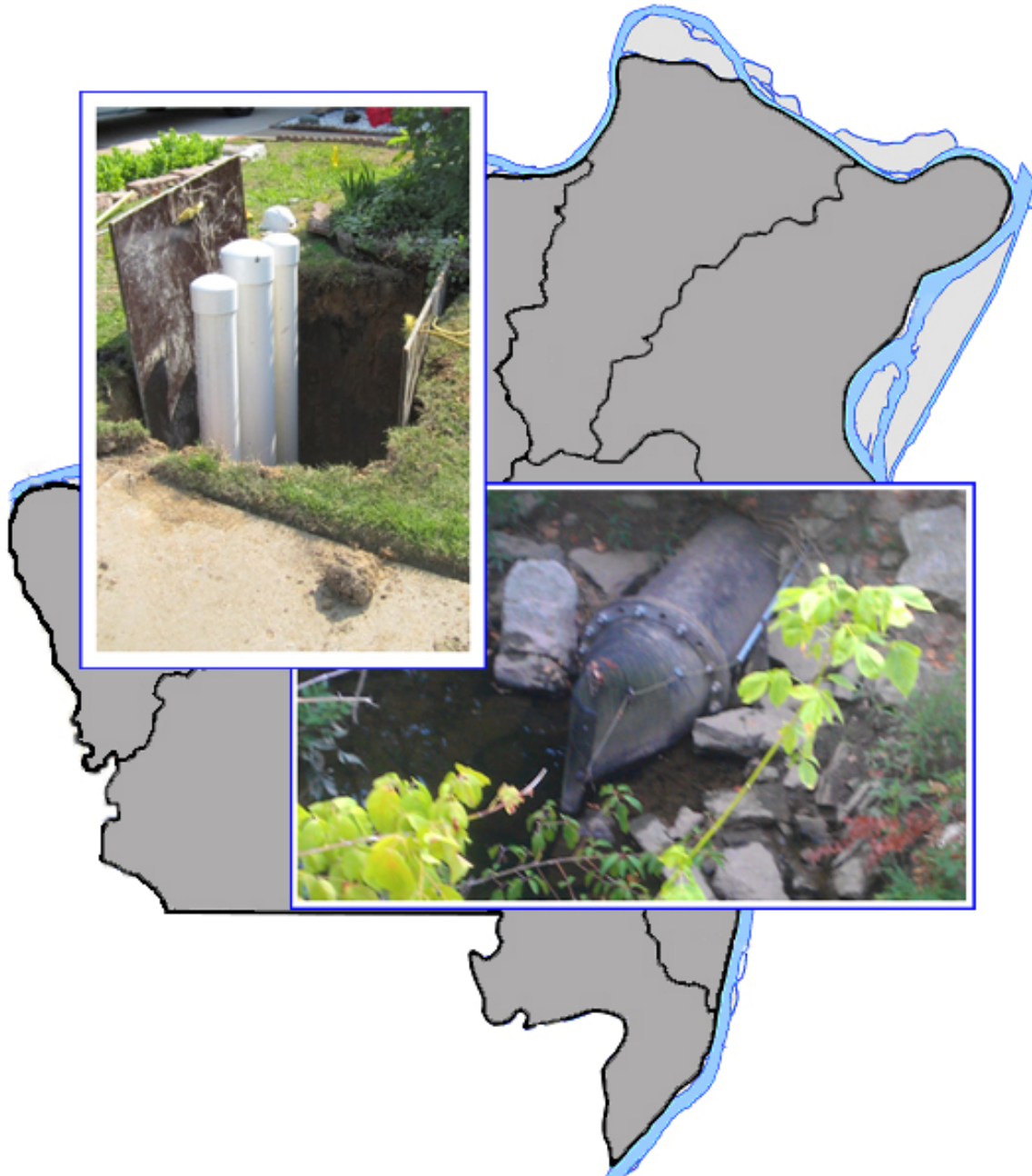




Metropolitan St. Louis Sewer District SEMI-ANNUAL REPORT



Reporting Period – April 27, 2012 to June 30, 2012
Consent Decree Due Date – August 15, 2012



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1.0 INTRODUCTION

A Consent Decree between the United States of America, the Missouri Coalition for the Environment Foundation and Metropolitan St. Louis Sewer District (“MSD”) in the matter of *The United States et al. v. The Metropolitan St. Louis Sewer District*, No. 4:07-CV-1120 (E.D. Mo.) has been entered with an Effective Date of April 27, 2012.

MSD has prepared this Semi-Annual Report to comply with paragraph VIII.72 of Consent Decree Case No. 4:07-CV-1120-CEJ. The submission date of this Semi-Annual Report, as noted on the cover page, is August 15, 2012 reporting on the six month period from January 1 to June 30, 2012. However, for this report, since the Consent Decree was not entered until April 27, 2012 there was no semi-annual reporting requirement until that date. Therefore, the data sets included as appendices to this Semi-Annual Report have been limited to the period from April 27 to June 30, 2012.

This Semi-Annual Report includes the following:

- Constructed SSO Activation Data (*satisfies Consent Decree requirement VIII.72.a*)
- Building Backup Data (*satisfies Consent Decree requirement VIII.72.b*)
- Sanitary Sewer Overflow Data (*satisfies Consent Decree requirement VIII.72.c*)

2.0 CONSTRUCTED SSO ACTIVATION DATA

Pursuant to Consent Decree requirement VIII.72.a, the Constructed SSO discharge activations having occurred during the six months covered by this Semi-Annual Report are listed in Appendix A. However, for this report, since the Consent Decree was not entered until April 27, 2012 there was no semi-annual reporting requirement until that date. Therefore, the data sets included in this Report for Constructed SSO Activation have been limited to the period from April 27, 2012 to June 30, 2012.

On August 15, 2012 MSD also submitted its final quarterly report due 45 days after June 30, 2012 pursuant to paragraph 25 of EPA’s Amended Administrative Order, issued May 22, 2007, and amended again on July 2, 2008. This final quarterly report included data for the quarter of April, May, and June 2012 which includes this limited date range of discharge activations. As the Amended Administrative Order has since been terminated, beginning July 1, 2012, the semi-annual reporting pursuant to the Consent Decree will be the sole ongoing submission of Constructed SSO discharge activation data.

The Constructed SSO discharge activation data for MSD’s service area is recorded in a Telog software system. The Telog software has embedded alert formulas that are used to validate field equipment alarms. Site inspection following field equipment alarms is part of MSD’s validation process. Those known Constructed SSO discharge activations



determined to be valid are provided as Table A-1. Table A-2 provides those activations determined to be excluded from the valid data based on the activations either (1) not meeting the pre-set overflow level and voltage requirements for the Telog formula or (2) through a site inspection based on conditions at the outfall (e.g. low battery, bad sensor or debris stuck in the valve, etc.) they are determined to be invalid.

The Constructed SSO activation data included with this report indicates activations of the field equipment alarms. There will be instances where there may be more than one field equipment alarm for a single Constructed Sanitary Sewer Overflow or discharge. This will occur from time to time due to intermittent or varying flow conditions within the Sewer System because the rubber duck bill valves open and close depending on the amount of pressure provided by the flows within the Sewer System.

For the Constructed SSO discharge activation data provided, MSD has included: (i) the Constructed SSO Outfall number; (ii) address; (iii) the start date of the event; (iv) the event duration; and (v) the estimated volume, if known. The column headings of Table A-1 and Table A-2 in Appendix A represent the following information:

Bypass Number

The bypass number provided is designated by MSD’s Constructed SSO Outfall Inventory.

Address

The address of the site provided is designated by MSD’s Constructed SSO Outfall Inventory.

Event Start Date, Event End Date

These are the date/timestamps representing the start and stop time recorded for this event by the Telog software.

Event Duration (day hh:mm:ss)

This is the information recorded by the Telog software and represents the duration time of the event. The Telog software measures this time in two and one half minute increments.

Estimated Volume (gallons)

The estimated volume is normally reported as “unknown” because none of the existing monitoring equipment measures velocity which makes any flow volume calculation inaccurate and highly unreliable. All new and replacement flow monitors which are installed after April 27, 2012 will include the capability to measure level and velocity so that a flow volume may be calculated.

3.0 BUILDING BACKUP DATA

Pursuant to Consent Decree requirement VIII.72.b, the Building Backups having occurred during the six months covered by this Semi-Annual Report are listed in Appendix B. However, for this report, since the Consent Decree was not entered until



April 27, 2012 there was no semi-annual reporting requirement for Building Backups until that date. Therefore, the data set included in this Report for Building Backups has been limited to the period from April 27, 2012 to June 30, 2012.

The Building Backup data included in Table B-1 was generated from MSD's computerized maintenance management system. Due to the limited capabilities of MSD's computerized maintenance management system, the Building Backups which occurred at multiple units in the same building which have different numerical street addresses have been reported as separate occurrences even though they occurred in a single building at the same time. Additionally, this data includes occurrences that were the result of the failure of a sewer separation device within a private lateral. Although these backups are the result of a failed sewer separation device, they are reported as Building Backups when caused by blockages, flow conditions, or malfunctions within the Sewer System.

For the Building Backup data provided, MSD has included: (i) street address at which the Building Backup occurred; (ii) identification of the Watershed/Treatment Plant Service Area in which the Building Backup occurred; (iii) cause or causes of the Building Backup, if known; (iv) call date(s) of any Building Backup(s) that have previously occurred at the same address since the Effective Date of April 27, 2012; and (v) an indication for those Building Backups that have resulted in a discharge to waters of the United States. In future reports this data will account for any Building Backup(s) that have previously occurred at the same Service Address since the effective date of April 27, 2012. The column headings of Table B-1 in Appendix B represent the following information:

Service Request Call Date

This is the date that MSD received a call from a customer reporting a building backup as recorded in MSD's computerized maintenance management system.

Street Address, Street Name

This is the location information that has been recorded in MSD's computerized maintenance management system by MSD customer care staff. The service address information provided includes a street number and street name.

Watershed/Treatment Plant Service Area

The watershed indicated is a wastewater collection area upstream of one (1) of the seven (7) MSD wastewater treatment plants.

Service Request Work Order Cause

This is the cause or resolution information which has been recorded by MSD staff in MSD's computerized maintenance management system.

Discharge to Waters of the US?

This column indicates whether a Building Backup event resulted in a discharge to waters of the United States.



4.0 SANITARY SEWER OVERFLOW DATA

Pursuant to Consent Decree requirement VIII.72.c, all known Sanitary Sewer Overflows having occurred during the six months covered by this Semi-Annual Report are listed in Appendix C. However, for this report, since the Consent Decree was not entered until April 27, 2012 there was no semi-annual reporting requirement for known Sanitary Sewer Overflows until that date. Therefore, the data set included in this Report for known Sanitary Sewer Overflows has been limited to the period from April 27, 2012 to June 30, 2012.

The known Sanitary Sewer Overflow data (other than Constructed SSO activations and Building Backups) is included in Table C-1 and was generated from MSD's computerized maintenance management system. Per the Consent Decree definition of Sanitary Sewer Overflow, the data only includes overflows, spills, diversions and releases of wastewater from or caused by MSD's sanitary sewer system. The data does not include overflows for MSD's combined sewer system. Copies of all unpermitted CSO discharge reports submitted to MDNR will be provided with Consent Decree Annual Report.

For the Sanitary Sewer Overflow data provided, MSD has included: (i) Watershed/Treatment Plant Service Area in which the Sanitary Sewer Overflow occurred; (ii) location description; (iii) facility type; (iv) volume, if known; (v) reason such as blockage, broken pipe, weather conditions, power outage, vandalism, third-party cause, Mississippi River backflow; (vi) cause such as debris, grit, grease, high river flow; (vii) the amount of time to commence investigation of each SSO, as reported; and (viii) the amount of time to correct and/or cleanup each SSO, as necessary. The column headings of Table C-1 in Appendix C represent the following information:

Work Order Start Date

This is the date of the initial notification to MSD's Division of Environmental Compliance ("DEC") after an MSD Operations Crew has arrived onsite and determined that an SSO occurred. DEC records information related to the overflow using a work order in MSD's computerized maintenance management system.

Watershed/Treatment Plant Service Area

The watershed indicated is a wastewater collection area upstream of one (1) of the seven (7) MSD wastewater treatment plants.

Service Address

This is the work order service address location information that has been recorded in MSD's computerized maintenance management system. This information represents the best address that a MSD Staff member who responded on site determined relates to the overflow. The service address includes a street number, street name and zip code.



Location Description

The location description listed is an MSD collection system structure such as a manhole, gravity main or pump station. These MSD collection system structures denote respective GIS coordinates, when available.

Facility Type

The facility type indicates the type of MSD collection system structure determined to be source of the Sanitary Sewer Overflow.

Estimated Volume (gallons)

The estimated volume of the Sanitary Sewer Overflow is indicated in gallons, if known. The estimated volume provided is determined to the best of MSD's ability, which accounts for the period of time MSD knew about the overflow and the estimated dry weather flow for the sewer from which the Sanitary Sewer Overflow is released. Other factors are used to make this estimation when appropriate.

Reason/Cause

The reason and the cause for the Sanitary Sewer Overflow are indicated in this combined field under a single column heading.

Time To Commence Investigation (day hh:mm)

This is the duration of time starting at the initial notification of an SSO up until an MSD Operations Crew has arrived on site to investigate the problem. If the time to commence the investigation is zero that is due to the fact that the Sanitary Sewer Overflow was discovered by an MSD crew or staff member.

Time To Correct and/or Cleanup (day hh:mm)

This is duration of time starting from when the MSD Operations Crew arrives on site to correct the problem and/or cleanup (as necessary) until the time the Sanitary Sewer Overflow as defined by the Consent Decree has ceased and/or the cleanup effort is completed whichever is later.

5.0 CONCLUSION

MSD has provided the information contained in this Semi-Annual Report to comply with paragraph VIII.72 of the Consent Decree for Case No. 4:07-CV-1120-CEJ. Any questions regarding the content of this Semi-Annual Report can be directed to MSD's Legal Department. If you have questions related to this report which are not subject to paragraph XVII.129 of the Consent Decree, please send them by letter or email to:

Susan M. Myers
General Counsel
Metropolitan St. Louis Sewer District
2350 Market Street
St. Louis, MO 63103
or
Electronic mail at: CDQuestions@stlmsd.com



APPENDIX A: CONSTRUCTED SSO ACTIVATIONS

CONSTRUCTED SSO ACTIVATIONS

Attached and Spreadsheet File Provided on Enclosed Disk



Table A-1: Constructed SSO Activation Data

(04/27/2012 - 06/30/2012)

Bypass Number	Address	Zip Code	Event Start Date	Event End Date	Event Duration (day hh:mm:ss)	Estimated Volume (gallons)
BP-013	842 LOUWEN	63124	4/28/2012 17:32:30	4/28/2012 17:40:00	0:07:30	UNKNOWN
BP-013	842 LOUWEN	63124	4/28/2012 20:15:00	4/28/2012 20:25:00	0:10:00	UNKNOWN
BP-023	9175 WRENWOOD LN	63144	4/28/2012 17:27:30	4/28/2012 17:55:00	0:27:30	UNKNOWN
BP-023	9175 WRENWOOD LN	63144	4/28/2012 20:17:30	4/28/2012 20:30:00	0:12:30	UNKNOWN
BP-083	107 MIDLAND BLVD	63043	5/7/2012 5:07:30	5/7/2012 5:45:00	0:37:30	UNKNOWN
BP-086	11220 TRIESTE DR	63146	4/28/2012 17:22:30	4/28/2012 18:17:30	0:55:00	UNKNOWN
BP-086	11220 TRIESTE DR	63146	5/1/2012 6:27:30	5/1/2012 7:10:00	0:42:30	UNKNOWN
BP-086	11220 TRIESTE DR	63146	5/7/2012 4:07:30	5/7/2012 5:55:00	1:47:30	UNKNOWN
BP-110	610 ST MARIE	63031	4/29/2012 0:39:00	4/29/2012 1:27:00	0:48:00	UNKNOWN
BP-129	45 JEAN	63031	4/29/2012 0:52:30	4/29/2012 2:20:00	1:27:30	UNKNOWN
BP-198	1324 ROCK HILL RD	63124	5/7/2012 5:40:00	5/7/2012 6:05:00	0:25:00	UNKNOWN
BP-252	4619 EDGEWOOD	63121	4/28/2012 17:40:00	4/28/2012 17:55:00	0:15:00	UNKNOWN
BP-255	7503 BERMUDA CT	63121	4/28/2012 17:27:30	4/28/2012 17:50:00	0:22:30	UNKNOWN
BP-255	7503 BERMUDA CT	63121	6/11/2012 8:57:30	6/11/2012 9:12:30	0:15:00	UNKNOWN
BP-256	7501 BELWOOD	63121	4/28/2012 17:25:00	4/28/2012 17:40:00	0:15:00	UNKNOWN
BP-256	7501 BELWOOD	63121	6/11/2012 9:02:30	6/11/2012 9:07:30	0:05:00	UNKNOWN
BP-292	7669 FLORISSANT RD	63121	4/28/2012 14:40:00	4/28/2012 14:47:30	0:07:30	UNKNOWN
BP-292	7669 FLORISSANT RD	63121	4/28/2012 17:20:00	4/28/2012 18:00:00	0:40:00	UNKNOWN
BP-292	7669 FLORISSANT RD	63121	4/28/2012 20:12:30	4/28/2012 20:27:30	0:15:00	UNKNOWN
BP-292	7669 FLORISSANT RD	63121	4/28/2012 21:20:00	4/28/2012 21:25:00	0:05:00	UNKNOWN
BP-292	7669 FLORISSANT RD	63121	5/1/2012 6:22:30	5/1/2012 6:35:00	0:12:30	UNKNOWN
BP-292	7669 FLORISSANT RD	63121	5/7/2012 4:17:30	5/7/2012 4:32:30	0:15:00	UNKNOWN
BP-292	7669 FLORISSANT RD	63121	6/11/2012 8:47:30	6/11/2012 9:12:30	0:25:00	UNKNOWN
BP-313	1904 PRIOR	63136	5/28/2012 11:20:00	5/28/2012 12:17:30	0:57:30	UNKNOWN
BP-333	12 COUNTRYSIDE LN	63131	4/28/2012 17:35:00	4/28/2012 18:22:30	0:47:30	UNKNOWN
BP-333	12 COUNTRYSIDE LN	63131	5/7/2012 4:20:00	5/7/2012 6:40:00	2:20:00	UNKNOWN
BP-333	12 COUNTRYSIDE LN	63131	5/7/2012 7:07:30	5/7/2012 7:27:30	0:20:00	UNKNOWN
BP-348	24 OVERBROOK	63124	5/7/2012 5:17:30	5/7/2012 6:32:30	1:15:00	UNKNOWN
BP-349	25 OVERBROOK	63124	4/28/2012 18:32:30	4/28/2012 19:17:30	0:45:00	UNKNOWN
BP-349	25 OVERBROOK	63124	4/28/2012 20:35:00	4/28/2012 21:37:30	1:02:30	UNKNOWN
BP-349	25 OVERBROOK	63124	5/7/2012 3:37:30	5/7/2012 11:40:00	8:02:30	UNKNOWN
BP-370	7501 CAPILIA	63126	6/11/2012 9:27:30	6/11/2012 9:35:00	0:07:30	UNKNOWN
BP-389	8990 LACLEDE ST RD	63119	6/11/2012 9:15:00	6/11/2012 9:42:30	0:27:30	UNKNOWN
BP-404	9400 STERLING PL	63123	6/11/2012 9:27:30	6/11/2012 9:37:30	0:10:00	UNKNOWN
BP-416	9431 BONHOMME WOODS	63132	4/28/2012 20:27:30	4/28/2012 20:55:00	0:27:30	UNKNOWN
BP-416	9431 BONHOMME WOODS	63132	5/7/2012 4:30:00	5/7/2012 6:17:30	1:47:30	UNKNOWN
BP-451	2312 ROCKDALE DR	63114	4/28/2012 20:17:30	4/28/2012 20:35:00	0:17:30	UNKNOWN
BP-511	2700 FEE FEE	63043	4/28/2012 17:57:30	4/28/2012 18:25:00	0:27:30	UNKNOWN
BP-511	2700 FEE FEE	63043	5/1/2012 7:12:30	5/1/2012 7:22:30	0:10:00	UNKNOWN
BP-511	2700 FEE FEE	63043	5/1/2012 7:30:00	5/1/2012 7:37:30	0:07:30	UNKNOWN
BP-511	2700 FEE FEE	63043	5/7/2012 5:15:00	5/7/2012 7:12:30	1:57:30	UNKNOWN
BP-515	9443 KIRCHNER	63125	6/11/2012 9:35:00	6/11/2012 9:47:30	0:12:30	UNKNOWN
BP-522	10813 BERNADINE	63123	5/4/2012 10:02:30	5/4/2012 10:27:30	0:25:00	UNKNOWN
BP-522	10813 BERNADINE	63123	5/7/2012 1:35:00	5/7/2012 1:40:00	0:05:00	UNKNOWN
BP-522	10813 BERNADINE	63123	5/7/2012 2:50:00	5/7/2012 5:35:00	2:45:00	UNKNOWN
BP-522	10813 BERNADINE	63123	6/11/2012 9:07:30	6/11/2012 10:00:00	0:52:30	UNKNOWN
BP-528	232 GRAHAM_REMOVED	63031	4/29/2012 1:17:30	4/29/2012 1:22:30	0:05:00	UNKNOWN
BP-528	232 GRAHAM_REMOVED	63031	4/29/2012 1:40:00	4/29/2012 2:32:30	0:52:30	UNKNOWN
BP-528	232 GRAHAM_REMOVED	63031	5/30/2012 13:27:30	5/30/2012 13:32:30	0:05:00	UNKNOWN
BP-532	6934 WINCHESTER	63121	4/28/2012 17:27:30	4/28/2012 18:02:30	0:35:00	UNKNOWN
BP-532	6934 WINCHESTER	63121	4/28/2012 20:20:00	4/28/2012 20:37:30	0:17:30	UNKNOWN
BP-532	6934 WINCHESTER	63121	6/11/2012 8:57:30	6/11/2012 9:17:30	0:20:00	UNKNOWN
BP-538	4617 ASHBY	63074	5/7/2012 6:10:00	5/7/2012 7:12:30	1:02:30	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/28/2012 15:47:30	4/28/2012 15:52:30	0:05:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/28/2012 18:12:30	4/28/2012 18:22:30	0:10:00	UNKNOWN



Table A-1: Constructed SSO Activation Data

(04/27/2012 - 06/30/2012)

Bypass Number	Address	Zip Code	Event Start Date	Event End Date	Event Duration (day hh:mm:ss)	Estimated Volume (gallons)
BP-571	515A NEW FLORISSANT RD	63031	4/28/2012 18:35:00	4/28/2012 18:40:00	0:05:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/28/2012 21:00:00	4/28/2012 21:45:00	0:45:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/29/2012 0:12:30	4/29/2012 12:17:30	12:05:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/29/2012 12:20:00	4/29/2012 12:52:30	0:32:30	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/29/2012 12:55:00	4/29/2012 13:07:30	0:12:30	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/29/2012 13:12:30	4/29/2012 13:22:30	0:10:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/29/2012 13:27:30	4/29/2012 13:37:30	0:10:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/29/2012 13:42:30	4/29/2012 13:52:30	0:10:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/29/2012 14:00:00	4/29/2012 14:10:00	0:10:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/29/2012 14:15:00	4/29/2012 14:25:00	0:10:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/29/2012 14:30:00	4/29/2012 14:40:00	0:10:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/29/2012 14:47:30	4/29/2012 14:57:30	0:10:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/29/2012 15:05:00	4/29/2012 15:15:00	0:10:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/29/2012 15:22:30	4/29/2012 15:32:30	0:10:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/29/2012 15:40:00	4/29/2012 15:50:00	0:10:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/29/2012 15:57:30	4/29/2012 16:07:30	0:10:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/29/2012 16:15:00	4/29/2012 16:25:00	0:10:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/29/2012 16:32:30	4/29/2012 16:42:30	0:10:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/29/2012 16:50:00	4/29/2012 17:00:00	0:10:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/29/2012 17:07:30	4/29/2012 17:17:30	0:10:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/29/2012 17:27:30	4/29/2012 17:37:30	0:10:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/29/2012 17:47:30	4/29/2012 17:55:00	0:07:30	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/29/2012 18:07:30	4/29/2012 18:15:00	0:07:30	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/29/2012 18:25:00	4/29/2012 18:35:00	0:10:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/29/2012 18:45:00	4/29/2012 18:55:00	0:10:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/29/2012 19:05:00	4/29/2012 19:15:00	0:10:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/29/2012 19:25:00	4/29/2012 19:35:00	0:10:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/29/2012 19:45:00	4/29/2012 19:52:30	0:07:30	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/29/2012 20:02:30	4/29/2012 20:12:30	0:10:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/29/2012 20:25:00	4/29/2012 20:35:00	0:10:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/29/2012 20:45:00	4/29/2012 20:55:00	0:10:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/29/2012 21:07:30	4/29/2012 21:17:30	0:10:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/29/2012 21:37:30	4/29/2012 21:42:30	0:05:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/29/2012 22:22:30	4/29/2012 22:27:30	0:05:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/30/2012 8:02:30	4/30/2012 8:17:30	0:15:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	4/30/2012 8:27:30	4/30/2012 8:37:30	0:10:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	5/1/2012 7:02:30	5/1/2012 10:27:30	3:25:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	5/1/2012 10:42:30	5/1/2012 10:50:00	0:07:30	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	5/1/2012 11:07:30	5/1/2012 11:15:00	0:07:30	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	5/1/2012 11:35:00	5/1/2012 11:42:30	0:07:30	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	5/1/2012 12:05:00	5/1/2012 12:12:30	0:07:30	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	5/1/2012 12:37:30	5/1/2012 12:42:30	0:05:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	5/1/2012 13:22:30	5/1/2012 13:30:00	0:07:30	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	5/1/2012 14:30:00	5/1/2012 14:35:00	0:05:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	5/1/2012 16:05:00	5/1/2012 16:10:00	0:05:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	5/1/2012 17:22:30	5/1/2012 17:30:00	0:07:30	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	5/1/2012 18:40:00	5/1/2012 18:45:00	0:05:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	5/1/2012 19:40:00	5/1/2012 19:47:30	0:07:30	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	5/1/2012 20:25:00	5/1/2012 20:30:00	0:05:00	UNKNOWN
BP-572	515B NEW FLORISSANT RD	63031	4/29/2012 1:05:00	4/29/2012 5:05:00	4:00:00	UNKNOWN
BP-581	7500 BULL RUN	63123	6/11/2012 9:25:00	6/11/2012 9:37:30	0:12:30	UNKNOWN
BP-591	10201 LYLEWOOD DR	63131	4/28/2012 18:02:30	4/29/2012 0:05:00	6:02:30	UNKNOWN
BP-591	10201 LYLEWOOD DR	63131	5/1/2012 7:27:30	5/1/2012 9:40:00	2:12:30	UNKNOWN
BP-591	10201 LYLEWOOD DR	63131	5/7/2012 3:52:30	5/7/2012 17:15:00	13:22:30	UNKNOWN
BP-597	4429 ROLLING DR	63134	4/28/2012 17:52:30	4/28/2012 18:27:30	0:35:00	UNKNOWN



Table A-1: Constructed SSO Activation Data

(04/27/2012 - 06/30/2012)

Bypass Number	Address	Zip Code	Event Start Date	Event End Date	Event Duration (day hh:mm:ss)	Estimated Volume (gallons)
BP-610	11046 WYLESTONE CT	63126	6/11/2012 9:25:00	6/11/2012 9:55:00	0:30:00	UNKNOWN
BP-612	3926 CANTERBURY	63121	4/28/2012 17:22:30	4/28/2012 17:27:30	0:05:00	UNKNOWN
BP-617	9 HOLLY	63147	6/11/2012 9:17:30	6/11/2012 9:25:00	0:07:30	UNKNOWN
BP-618	9058 ROSEMARY AVE	63123	4/28/2012 17:32:30	4/28/2012 18:47:30	1:15:00	UNKNOWN
BP-618	9058 ROSEMARY AVE	63123	5/4/2012 10:05:00	5/4/2012 10:22:30	0:17:30	UNKNOWN
BP-618	9058 ROSEMARY AVE	63123	5/7/2012 5:15:00	5/7/2012 5:35:00	0:20:00	UNKNOWN
BP-618	9058 ROSEMARY AVE	63123	5/7/2012 13:37:30	5/7/2012 13:47:30	0:10:00	UNKNOWN
BP-618	9058 ROSEMARY AVE	63123	5/30/2012 6:12:30	5/30/2012 6:22:30	0:10:00	UNKNOWN
BP-618	9058 ROSEMARY AVE	63123	6/11/2012 9:02:30	6/11/2012 10:22:30	1:20:00	UNKNOWN
BP-618	9058 ROSEMARY AVE	63123	6/16/2012 22:07:30	6/16/2012 22:27:30	0:20:00	UNKNOWN
BP-619	700 VALLEY DR	63031	4/28/2012 14:47:30	4/28/2012 15:20:00	0:32:30	UNKNOWN
BP-619	700 VALLEY DR	63031	4/28/2012 17:32:30	4/28/2012 18:22:30	0:50:00	UNKNOWN
BP-619	700 VALLEY DR	63031	4/28/2012 20:22:30	4/28/2012 22:57:30	2:35:00	UNKNOWN
BP-619	700 VALLEY DR	63031	4/29/2012 1:15:00	4/29/2012 3:10:00	1:55:00	UNKNOWN
BP-619	700 VALLEY DR	63031	5/1/2012 6:37:30	5/1/2012 6:45:00	0:07:30	UNKNOWN
BP-619	700 VALLEY DR	63031	5/1/2012 6:57:30	5/1/2012 7:22:30	0:25:00	UNKNOWN
BP-623	8024 WALINCA	63105	4/28/2012 17:25:00	4/28/2012 17:40:00	0:15:00	UNKNOWN
BP-623	8024 WALINCA	63105	6/4/2012 15:42:30	6/4/2012 15:55:00	0:12:30	UNKNOWN
BP-623	8024 WALINCA	63105	6/11/2012 8:50:00	6/11/2012 8:55:00	0:05:00	UNKNOWN
BP-623	8024 WALINCA	63105	6/11/2012 9:10:00	6/11/2012 9:12:30	0:02:30	UNKNOWN
BP-629	10809 FARADAY	63123	4/28/2012 13:10:00	4/28/2012 13:17:30	0:07:30	UNKNOWN
BP-629	10809 FARADAY	63123	6/11/2012 9:07:30	6/11/2012 10:02:30	0:55:00	UNKNOWN



Table A-2: Constructed SSO Activation Data - Excluded Events

(04/27/2012 - 06/30/2012)

Bypass Number	Address	Zip Code	Event Start Date	Event End Date	Event Duration (day hh:mm:ss)	Estimated Volume (gallons)
BP-001	4705 UPSHAW	63121	6/8/2012 13:30:00	6/8/2012 14:05:00	0:35:00	UNKNOWN
BP-001	4705 UPSHAW	63121	6/8/2012 14:20:00	6/8/2012 14:30:00	0:10:00	UNKNOWN
BP-004	1 CEDAR CREST	63132	5/29/2012 9:10:00	5/29/2012 9:15:00	0:05:00	UNKNOWN
BP-023	9175 WRENWOOD LN	63144	5/12/2012 7:40:00	5/12/2012 7:52:30	0:12:30	UNKNOWN
BP-026	15993 DOWNALL GREEN DR	63017	5/21/2012 13:40:00	5/21/2012 13:47:30	0:07:30	UNKNOWN
BP-036	1593 NARROWS	63017	5/21/2012 11:35:00	5/21/2012 11:45:00	0:10:00	UNKNOWN
BP-056	607 PARKER	63135	5/21/2012 9:27:30	5/21/2012 9:32:30	0:05:00	UNKNOWN
BP-062	704 CLAYMONT	63011	5/21/2012 10:30:00	5/21/2012 10:37:30	0:07:30	UNKNOWN
BP-069	1217 CRESTED VIEW DR	63146	5/24/2012 13:05:00	5/24/2012 13:10:00	0:05:00	UNKNOWN
BP-076	26 GANDY	63146	6/25/2012 11:37:30	6/25/2012 11:47:30	0:10:00	UNKNOWN
BP-078	11623 HOLLY SPRINGS	63146	6/21/2012 10:42:30	6/21/2012 10:52:30	0:10:00	UNKNOWN
BP-091	2351 BRAMBLE LN	63033	5/29/2012 9:17:30	5/29/2012 9:25:00	0:07:30	UNKNOWN
BP-092	1520 BURNING TREE DR	63033	5/12/2012 13:02:30	5/12/2012 13:10:00	0:07:30	UNKNOWN
BP-101	909 WOODEN DR	63033	5/12/2012 8:17:30	5/12/2012 8:27:30	0:10:00	UNKNOWN
BP-102	1230 WATERFORD RD	63033	5/12/2012 9:05:00	5/12/2012 9:12:30	0:07:30	UNKNOWN
BP-110	610 ST MARIE	63031	5/18/2012 11:37:30	5/18/2012 11:52:30	0:15:00	UNKNOWN
BP-115	9 CRICKET CT	63033	5/29/2012 9:57:30	5/29/2012 10:05:00	0:07:30	UNKNOWN
BP-116	600 FLORLAND DR	63031	5/30/2012 12:37:30	5/30/2012 12:45:00	0:07:30	UNKNOWN
BP-129	45 JEAN	63031	5/18/2012 9:42:30	5/18/2012 9:57:30	0:15:00	UNKNOWN
BP-133	725 MANRESA LN	63031	5/30/2012 12:02:30	5/30/2012 12:10:00	0:07:30	UNKNOWN
BP-139	1500 ORANGEDALE	63031	5/18/2012 13:30:00	5/18/2012 13:32:30	0:02:30	UNKNOWN
BP-139	1500 ORANGEDALE	63031	5/18/2012 13:47:30	5/18/2012 14:00:00	0:12:30	UNKNOWN
BP-141	245 PALM DR	63042	5/30/2012 11:05:00	5/30/2012 11:15:00	0:10:00	UNKNOWN
BP-144	2 SHARON DR	63031	5/30/2012 9:30:00	5/30/2012 9:37:30	0:07:30	UNKNOWN
BP-156	801 ALEXANDRA DR	63122	5/25/2012 8:42:30	5/25/2012 8:47:30	0:05:00	UNKNOWN
BP-194	201 NEWPORT	63119	5/24/2012 9:22:30	5/24/2012 9:30:00	0:07:30	UNKNOWN
BP-196	922 OAK GLEN MANOR CT	63122	5/24/2012 13:22:30	5/24/2012 13:27:30	0:05:00	UNKNOWN
BP-222	2560 ROLENS DR	63129	5/21/2012 13:22:30	5/21/2012 13:25:00	0:02:30	UNKNOWN
BP-305	701 MARVIN DR	63135	6/25/2012 8:40:00	6/25/2012 8:47:30	0:07:30	UNKNOWN
BP-315	145 ROBERT AVE	63135	6/25/2012 10:27:30	6/25/2012 16:05:00	5:37:30	UNKNOWN
BP-315	145 ROBERT AVE	63135	6/25/2012 16:12:30	6/25/2012 16:30:00	0:17:30	UNKNOWN
BP-315	145 ROBERT AVE	63135	6/25/2012 16:37:30	6/25/2012 17:45:00	1:07:30	UNKNOWN
BP-315	145 ROBERT AVE	63135	6/25/2012 17:47:30	6/26/2012 7:32:30	13:45:00	UNKNOWN
BP-315	145 ROBERT AVE	63135	6/26/2012 7:40:00	6/26/2012 8:35:00	0:55:00	UNKNOWN
BP-315	145 ROBERT AVE	63135	6/26/2012 11:30:00	6/26/2012 11:37:30	0:07:30	UNKNOWN
BP-316	818 ROBERT AVE	63135	6/26/2012 12:22:30	6/26/2012 12:30:00	0:07:30	UNKNOWN
BP-361	1030 AYRES DR	63126	5/25/2012 13:17:30	5/25/2012 13:22:30	0:05:00	UNKNOWN
BP-361	1030 AYRES DR	63126	5/25/2012 13:27:30	5/25/2012 13:32:30	0:05:00	UNKNOWN
BP-361	1030 AYRES DR	63126	5/25/2012 13:45:00	5/25/2012 13:52:30	0:07:30	UNKNOWN
BP-361	1030 AYRES DR	63126	5/25/2012 14:05:00	5/25/2012 14:12:30	0:07:30	UNKNOWN
BP-362	9 BANBURY CT	63126	5/25/2012 12:15:00	5/25/2012 12:35:00	0:20:00	UNKNOWN
BP-362	9 BANBURY CT	63126	5/25/2012 12:42:30	5/25/2012 12:50:00	0:07:30	UNKNOWN
BP-370	7501 CAPILIA	63126	6/21/2012 10:17:30	6/21/2012 10:25:00	0:07:30	UNKNOWN
BP-389	8990 LACLEDE ST RD	63119	6/29/2012 13:07:30	6/29/2012 13:15:00	0:07:30	UNKNOWN
BP-393	572 LEFFINGWELL	63122	4/28/2012 12:30:00	4/28/2012 12:40:00	0:10:00	UNKNOWN
BP-401	10900 OASIS DR	63123	5/30/2012 12:35:00	5/30/2012 12:42:30	0:07:30	UNKNOWN
BP-416	9431 BONHOMME WOODS	63132	5/12/2012 11:17:30	5/12/2012 11:22:30	0:05:00	UNKNOWN
BP-416	9431 BONHOMME WOODS	63132	6/6/2012 18:32:30	6/6/2012 19:25:00	0:52:30	UNKNOWN
BP-416	9431 BONHOMME WOODS	63132	6/7/2012 12:47:30	6/7/2012 12:50:00	0:02:30	UNKNOWN
BP-416	9431 BONHOMME WOODS	63132	6/7/2012 13:55:00	6/7/2012 16:27:30	2:32:30	UNKNOWN
BP-416	9431 BONHOMME WOODS	63132	6/7/2012 16:47:30	6/7/2012 16:50:00	0:02:30	UNKNOWN
BP-416	9431 BONHOMME WOODS	63132	6/7/2012 17:02:30	6/7/2012 17:05:00	0:02:30	UNKNOWN
BP-416	9431 BONHOMME WOODS	63132	6/7/2012 17:07:30	6/7/2012 17:10:00	0:02:30	UNKNOWN
BP-416	9431 BONHOMME WOODS	63132	6/7/2012 17:12:30	6/7/2012 17:15:00	0:02:30	UNKNOWN
BP-416	9431 BONHOMME WOODS	63132	6/7/2012 17:17:30	6/7/2012 17:20:00	0:02:30	UNKNOWN
BP-416	9431 BONHOMME WOODS	63132	6/7/2012 20:47:30	6/7/2012 20:50:00	0:02:30	UNKNOWN



Table A-2: Constructed SSO Activation Data - Excluded Events

(04/27/2012 - 06/30/2012)

Bypass Number	Address	Zip Code	Event Start Date	Event End Date	Event Duration (day hh:mm:ss)	Estimated Volume (gallons)
BP-416	9431 BONHOMME WOODS	63132	6/7/2012 20:57:30	6/7/2012 21:00:00	0:02:30	UNKNOWN
BP-416	9431 BONHOMME WOODS	63132	6/8/2012 10:30:00	6/8/2012 10:32:30	0:02:30	UNKNOWN
BP-417	9445 BONHOMME WOODS	63132	5/12/2012 13:50:00	5/12/2012 13:55:00	0:05:00	UNKNOWN
BP-426	9718 FLORA AVE	63114	5/29/2012 12:05:00	5/29/2012 12:12:30	0:07:30	UNKNOWN
BP-433	26 HILL-N-DALE	63132	6/12/2012 9:00:00	6/12/2012 9:55:00	0:55:00	UNKNOWN
BP-440	219 OLD ORCHARD	63119	5/24/2012 8:27:30	5/24/2012 9:40:00	1:12:30	UNKNOWN
BP-476	17 BON HILLS DR	63132	6/11/2012 8:22:30	6/11/2012 8:30:00	0:07:30	UNKNOWN
BP-477	829 WARDER AVE	63130	5/16/2012 11:05:00	5/16/2012 11:12:30	0:07:30	UNKNOWN
BP-480	5504 HEEGE	63123	6/7/2012 8:30:00	6/7/2012 8:37:30	0:07:30	UNKNOWN
BP-484	2404 CAMBERWELL	63131	6/20/2012 13:22:30	6/20/2012 13:27:30	0:05:00	UNKNOWN
BP-495	1725 BOPP RD	63131	6/20/2012 9:52:30	6/20/2012 10:00:00	0:07:30	UNKNOWN
BP-516	2559 ROLENS	63129	5/21/2012 11:35:00	5/21/2012 12:40:00	1:05:00	UNKNOWN
BP-526	111 TAYLOR	63122	6/18/2012 11:02:30	6/18/2012 11:07:30	0:05:00	UNKNOWN
BP-527	8240 LINDBERGH BLVD	63031	6/18/2012 10:20:00	6/18/2012 10:27:30	0:07:30	UNKNOWN
BP-528	232 GRAHAM_REMOVED	63031	6/4/2012 8:17:30	6/4/2012 8:22:30	0:05:00	UNKNOWN
BP-534	2200 WOODSON	63114	5/29/2012 13:12:30	5/29/2012 13:20:00	0:07:30	UNKNOWN
BP-538	4617 ASHBY	63074	5/18/2012 8:25:00	5/18/2012 8:35:00	0:10:00	UNKNOWN
BP-556	1919 FIRETHORN	63131	6/20/2012 8:40:00	6/20/2012 8:50:00	0:10:00	UNKNOWN
BP-571	515A NEW FLORISSANT RD	63031	5/12/2012 11:42:30	5/12/2012 11:52:30	0:10:00	UNKNOWN
BP-572	515B NEW FLORISSANT RD	63031	5/12/2012 12:15:00	5/12/2012 12:22:30	0:07:30	UNKNOWN
BP-578	353 ATALANTA	63119	5/24/2012 11:15:00	5/24/2012 12:22:30	1:07:30	UNKNOWN
BP-581	7500 BULL RUN	63123	6/21/2012 13:12:30	6/21/2012 13:15:00	0:02:30	UNKNOWN
BP-608	8550 FROST	63134	6/18/2012 12:02:30	6/18/2012 12:05:00	0:02:30	UNKNOWN
BP-610	11046 WYLESTONE CT	63126	5/30/2012 12:50:00	5/30/2012 12:55:00	0:05:00	UNKNOWN
BP-629	10809 FARADAY	63123	5/30/2012 9:45:00	5/30/2012 9:52:30	0:07:30	UNKNOWN



APPENDIX B: BUILDING BACKUPS

BUILDING BACKUPS

Attached and Spreadsheet File Provided on Enclosed Disk



Table B-1: Building Backups
(04/27/2012 - 06/30/2012, Effective Date 04/27/2012)

Service Request Call Date	Steet Number	Street Name	Zip Code	Watershed/Treatment Plant Service Area	Service Request Work Order Cause	Discharge to Waters of the US?
5/18/2012	1715	ARUNDEL	63033	COLDWATER TREATMENT	BLOCKED MAIN	NO
6/11/2012	9157	ARVIN	63123	LEMAY TREATMENT	OVERCHARGED MAIN	NO
6/11/2012	4800	AUTUMN	63123	LEMAY TREATMENT	BLOCKED MAIN	NO
5/5/2012	30	BON AIRE	63033	COLDWATER TREATMENT	BLOCKED MAIN	NO
5/8/2012	5520	BOTANICAL	63110	LEMAY TREATMENT	OVERCHARGED MAIN	NO
4/30/2012	5524	BOTANICAL	63110	LEMAY TREATMENT	OVERCHARGED MAIN	NO
4/28/2012	5534	BOTANICAL	63110	LEMAY TREATMENT	OVERCHARGED MAIN	NO
4/30/2012	5604	BOTANICAL	63110	LEMAY TREATMENT	OVERCHARGED MAIN	NO
5/11/2012	140	BRIGHTHURST	63005	MISSOURI RIVER TREATMENT	BLOCKED MAIN	NO
4/30/2012	1547	BROADWAY	63104	BISSELL TREATMENT	SEWER SEPARATION FAILURE	NO
4/29/2012	4236	CALIFORNIA	63111	BISSELL TREATMENT	BLOCKED MAIN	NO
6/9/2012	1664	CAREY	63042	MISSOURI RIVER TREATMENT	BLOCKED MAIN	NO
6/12/2012	1664	CAREY	63042	MISSOURI RIVER TREATMENT	BLOCKED MAIN	NO
6/8/2012	10802	CAVAN	63074	COLDWATER TREATMENT	BLOCKED MAIN	NO
4/29/2012	2851	CHIPPEWA	63118	BISSELL TREATMENT	OVERCHARGED MAIN	NO
4/29/2012	10174	COUNT	63136	BISSELL TREATMENT	OVERCHARGED MAIN	NO
6/11/2012	6631	DELMAR	63130	LEMAY TREATMENT	OVERCHARGED MAIN	NO
6/12/2012	8622	ELGIN	63123	LEMAY TREATMENT	BLOCKED MAIN	NO
5/1/2012	5219	ELIZABETH	63110	BISSELL TREATMENT	OVERCHARGED MAIN	NO
5/17/2012	1376	FARMVIEW	63138	BISSELL TREATMENT	BLOCKED MAIN	NO
6/17/2012	2956	FLAMETREE	63129	MERAMEC TREATMENT	BLOCKED MAIN	NO
6/1/2012	440	FOREST GREEN	63119	LEMAY TREATMENT	BLOCKED MAIN	NO
6/5/2012	33	GOCKE	63114	COLDWATER TREATMENT	BLOCKED MAIN	NO
5/1/2012	711	GRAND	63103	BISSELL TREATMENT	BLOCKED MAIN	NO
4/30/2012	2654	GRAVOIS	63118	BISSELL TREATMENT	OVERCHARGED MAIN	NO
4/30/2012	4161	GRAVOIS	63116	LEMAY TREATMENT	OVERCHARGED MAIN	NO
6/9/2012	105	HIGHGROVE	63005	MISSOURI RIVER TREATMENT	BLOCKED MAIN	NO
6/11/2012	4156	HOFFMEISTER	63125	LEMAY TREATMENT	OVERCHARGED MAIN	NO
6/21/2012	1427	HOLDEN	63125	LEMAY TREATMENT	BLOCKED MAIN	NO
6/12/2012	1431	HOLDEN	63125	LEMAY TREATMENT	BLOCKED MAIN	NO
6/11/2012	1435	HOLDEN	63125	LEMAY TREATMENT	BLOCKED MAIN	NO
6/16/2012	1033	KINDERLING	63031	COLDWATER TREATMENT	BLOCKED MAIN	NO
6/9/2012	8014	LACLEDE STATION	63123	LEMAY TREATMENT	BLOCKED MAIN	NO
4/29/2012	820	LAFAYETTE	63031	COLDWATER TREATMENT	OVERCHARGED MAIN	NO
4/29/2012	825	LAFAYETTE	63031	COLDWATER TREATMENT	OVERCHARGED MAIN	NO
5/23/2012	639	LAMPADAIRE	63141	MISSOURI RIVER TREATMENT	BLOCKED MAIN	NO
5/1/2012	5959	NATURAL BRIDGE	63120	BISSELL TREATMENT	OVERCHARGED MAIN	NO



Table B-1: Building Backups
(04/27/2012 - 06/30/2012, Effective Date 04/27/2012)

Service Request Call Date	Steet Number	Street Name	Zip Code	Watershed/Treatment Plant Service Area	Service Request Work Order Cause	Discharge to Waters of the US?
4/29/2012	1801	NEW FLORISSANT	63031	COLDWATER TREATMENT	OVERCHARGED MAIN	NO
4/30/2012	1808	NEW FLORISSANT	63031	COLDWATER TREATMENT	OVERCHARGED MAIN	NO
4/28/2012	5337	OLENE	63121	BISSELL TREATMENT	BLOCKED MAIN	NO
5/30/2012	12319	PINTA	63138	BISSELL TREATMENT	BLOCKED MAIN	NO
6/11/2012	1359	RIPPLE	63139	LEMAY TREATMENT	BLOCKED MAIN	NO
6/13/2012	2569	ROSEGARDEN	63125	LEMAY TREATMENT	BLOCKED MAIN	NO
5/1/2012	5923	SHERRY	63136	BISSELL TREATMENT	SEWER SEPARATION FAILURE	NO
5/18/2012	4242	SHREVE	63115	BISSELL TREATMENT	OVERCHARGED MAIN	NO
4/30/2012	4243	SHREVE	63115	BISSELL TREATMENT	OVERCHARGED MAIN	NO
5/4/2012	3695	ST CATHERINE	63033	COLDWATER TREATMENT	BLOCKED MAIN	NO
4/29/2012	7	ST JOHN	63031	COLDWATER TREATMENT	OVERCHARGED MAIN	NO
5/29/2012	1033	SUMMER TREE	63011	GRAND GLAIZE TREATMENT	BLOCKED MAIN	NO
5/1/2012	2720	SUTTON	63143	LEMAY TREATMENT	OVERCHARGED MAIN	NO
5/1/2012	2724	SUTTON	63143	LEMAY TREATMENT	OVERCHARGED MAIN	NO
5/2/2012	2728	SUTTON	63143	LEMAY TREATMENT	OVERCHARGED MAIN	NO
6/25/2012	907	VIRGO	63125	LEMAY TREATMENT	BLOCKED MAIN	NO
6/11/2012	4810	WEBER	63123	LEMAY TREATMENT	OVERCHARGED MAIN	NO
6/11/2012	4816	WEBER	63123	LEMAY TREATMENT	OVERCHARGED MAIN	NO
6/15/2012	7636	WESTMORELAND	63105	LEMAY TREATMENT	BLOCKED MAIN	NO
6/13/2012	10559	WINDSWEPT	63128	MERAMEC TREATMENT	SEWER SEPARATION FAILURE	NO
5/2/2012	10634	WOODWIND	63136	BISSELL TREATMENT	BLOCKED MAIN	NO
TOTAL BUILDING BACKUPS				58		



APPENDIX C: SANITARY SEWER OVERFLOWS

SANITARY SEWER OVERFLOWS

Attached and Spreadsheet File Provided on Enclosed Disk



Table C-1: Sanitary Sewer Overflows
(04/27/2012 - 06/30/2012)

Work Order Start Date	Watershed/ Treatment Plant Service Area	Service Address	Location Description	Facility Type	Estimated Volume (gallons)	Reason / Cause	Time To Commence Investigation (day hh:mm)	Time To Correct and/or Cleanup (day hh:mm)
05/02/12	BISSELL TREATMENT	9769 VICKIE PL, 63136	GIS-2355225	GRAVITY MAIN	278	BLOCKED WITH ROOTS	00:56	0:02:00
05/03/12	LEMAY TREATMENT	8669 DELMAR BLVD, 63124	GIS-2395430	GRAVITY MAIN	75	BLOCKED WITH ROOTS	02:00	0:01:30
05/04/12	GRAND GLAIZE TREATMENT	54 CLARKSON RD, 63011	GIS-2439257	GRAVITY MAIN	<36,895	VANDALISM BREAKAGE	02:07	0:04:35
05/07/12	GRAND GLAIZE TREATMENT	1750 ADAMS AVE, 63122	GIS-2447964	GRAVITY MAIN	UNKNOWN	RAIN EVENT EXCEEDED CAPACITY	00:42	N/A
05/08/12	MISSOURI RIVER TREATMENT	700 CHESTERFIELD PKWY, 63017	E11670	PUMP STATION	25	EQUIPMENT FAILURE	00:30	0:00:30
05/09/12	MISSOURI RIVER TREATMENT	11900 ST CHARLES ROCK RD, 63044	GIS-2536427	GRAVITY MAIN	769	BLOCKED WITH DEBRIS	01:04	0:23:00
05/10/12	GRAND GLAIZE TREATMENT	12 SUMMER HILL LN, 63017	GIS-2417934	GRAVITY MAIN	53	BLOCKED WITH ROOTS	01:15	0:09:15
05/10/12	MISSOURI RIVER TREATMENT	16625 CHESTERFIELD AIRPORT RD, 63017	E33775	PUMP STATION	-5,000	EQUIPMENT FAILURE	00:30	0:00:15
05/11/12	LEMAY TREATMENT	426 MARSHALL AVE, 63119	GIS-2435608	GRAVITY MAIN	66	BROKEN PIPE	01:52	0:02:00
05/16/12	FENTON TREATMENT	998 MERAMEC STATION RD, 63026	E63773	PUMP STATION	50	BROKEN PIPE	00:00	0:04:04
05/16/12	MISSOURI RIVER TREATMENT	2330 WESFORD DR, 63043	GIS-2361593	GRAVITY MAIN	459	BROKEN PIPE	00:00	0:09:15
05/21/12	GRAND GLAIZE TREATMENT	514 WILCOX AVE, 63122	GIS-2447599	GRAVITY MAIN	83	BLOCKED WITH DEBRIS	01:46	0:02:15
05/23/12	FENTON TREATMENT	23 KENNERLY MANOR DR, 63128	GIS-2476481	GRAVITY MAIN	78	BLOCKED WITH DEBRIS	00:51	1:05:58
06/10/12	COLDWATER TREATMENT	3392 MOWING GREEN DR, 63031	GIS-2337892	GRAVITY MAIN	134	BLOCKED WITH GREASE	03:28	0:04:48
06/11/12	MISSOURI RIVER TREATMENT	1401 WILSON RD, 62005	GIS-2398011	GRAVITY MAIN	573	BLOCKED WITH ROOTS	02:14	0:19:23
06/14/12	GRAND GLAIZE TREATMENT	203 MOREWOOD DR, 63011	GIS-2438542	GRAVITY MAIN	36	BLOCKED WITH DEBRIS	00:43	0:22:43
06/14/12	MISSOURI RIVER TREATMENT	1939 SHADOW WOOD CT, 63017	GIS-2529851	GRAVITY MAIN	10	BROKEN PIPE	00:00	0:22:52
06/14/12	LEMAY TREATMENT	8570 WATSON RD, 63123	GIS-2464376	GRAVITY MAIN	214	BLOCKED WITH GREASE	00:19	0:05:30
06/15/12	BISSELL TREATMENT	5551 N HANLEY RD, 63134	GIS-2356085	GRAVITY MAIN	105	BROKEN PIPE	00:00	0:07:43



Table C-1: Sanitary Sewer Overflows
(04/27/2012 - 06/30/2012)

Work Order Start Date	Watershed/ Treatment Plant Service Area	Service Address	Location Description	Facility Type	Estimated Volume (gallons)	Reason / Cause	Time To Commence Investigation (day hh:mm)	Time To Correct and/or Cleanup (day hh:mm)
06/19/12	GRAND GLAIZE TREATMENT	12430 BALLAS TRAILS DR, 63122	GIS-2448678	GRAVITY MAIN	5940	BLOCKED WITH ROOTS	02:42	0:20:30
06/22/12	MISSOURI RIVER TREATMENT	996 E RUE DE LA BANQUE ST, 63141	GIS-2385994	GRAVITY MAIN	410	BLOCKED WITH ROOTS	01:06	0:04:30
06/22/12	MISSOURI RIVER TREATMENT	650 MARYVILLE UNIVERSITY DR, 63141	GIS-2531853	GRAVITY MAIN	42,051	BLOCKED WITH ROOTS	01:31	1:02:41
06/23/12	MISSOURI RIVER TREATMENT	2 FOREST CLUB DR, 63005	GIS-2429494	GRAVITY MAIN	6000	BROKEN PIPE	01:31	0:12:30
06/29/12	GRAND GLAIZE TREATMENT	9 SOMME CT, 63021	GIS-2458206	GRAVITY MAIN	97	BLOCKED WITH ROOTS	02:31	0:16:38
06/29/12	MERAMEC TREATMENT	4934 BRUNSTON DR, 63128	GIS-2482002	GRAVITY MAIN	167	BROKEN PIPE	01:03	0:04:12