

Bridgeton Landfill, LLC

Monthly Data Submittals

December 2014

Required by Section 52.E of Agreed Order, Case No. 13SL-CC01088
Effective May 13, 2013

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Provided Separately:

- Flare Raw Data Excel Spreadsheet
- Gas Wellfield Raw Data Excel Spreadsheet

January 20, 2015

Commentary on Data, January 20, 2015

The following observations and comments are offered for the December 2014 data, exclusive of temperature data for the GIW series wells, which are undergoing cooling loop installation and evaluation:

Gas Volume

- As seen in Attachment A-2, gas collection volumetric rate in December averaged about 7,771 SCFM, which is a change from the previously decreasing trend over the past three months and matches the seasonal trend in flow for the winter season (refer to Total Combined Flow Graph in Attachment A-2). Operations personnel have noticed a direct correlation between the decrease in flow and the decrease in ambient temperatures.

Gas Quality

- Attachments F-2, F-3, and G contain the monthly data related to gas quality and temperature as measured at the respective wellheads. Eight vertical wells (GEW-14A, -35, -49, -61B, -83, -84, -86, -107) decreased by 30°F or more in December. All wells are located in the south quarry, with the exception of GEW-49 which is located in the north quarry of the landfill. Additionally, four vertical wells, GEW-110, -26R, -46R and SEW-61R, increased by 30° F or more, and are all within the historical gas flow norms for these wells.
- Attachment F-1 shows that twenty-eight vertical wells had oxygen levels over 5% at one or more weekly monitoring events in December. By the end of the month, twenty-three of these wells still exhibited oxygen at the wellhead greater than 5%. All these wells are low-flow/vacuum sensitive wells with valves on slightly open. On-going tuning and maintenance and pump operation is being performed to manage the oxygen content. The wells are in the south quarry area where the flexible membrane liner cap is in place to prevent atmospheric intrusion into the waste mass.
- A detailed review of the gas extraction wells in the neck area was conducted. Temperature is consistent with previous months in each of the monitorable wells in vicinity to the neck. Carbon monoxide (CO) results from December varied (some higher and some lower readings) as compared to November. The largest variances in CO in the neck area wells occurred in wells GIW-10, -08 and GEW-110, with a 2,400; 900; and 1,940 ppmv increase, respectively, from November to December.
- All wells in the North Quarry continue to exhibit a maximum wellhead temperature under 145° F for the month of December. Review of weekly gas quality in Attachment F-1 reveals that all of the active North Quarry gas wells continue to have low, if any, oxygen and healthy methane and carbon dioxide levels indicating normal wellfield conditions for aged waste at all locations, consistent with well conditions observed in the North Quarry for some time.

New Wells

- This data set includes 16 newly installed gas extraction wells in the south quarry. These are contained in the GEW-120 through GEW-154 labeled wells.

Settlement

- The South Quarry exhibited monthly maximum settlement up to 1.97 feet (see Attachment E) which is consistent with last month. The rate of settlement directly south of the neck continues to be small and stable compared to late 2013 levels. Note that not all survey grids points could be utilized this month due to construction of drilling pad and access roads to facilitate the current new well installations for the GCCS Expansion.

Bird Monitoring and Mitigation

- During the last month Bridgeton Landfill, LLC employed a local team of wildlife specialists to perform weekly bird surveys. A report on their findings will be completed and submitted to the concerned parties. Bridgeton Landfill staff received USDA APHIS bird monitoring training on November 6th and will initiate daily bird monitoring at the beginning of December, following acquisition of the necessary equipment.

ATTACHMENT A

DAILY FLARE MONITORING DATA

ATTACHMENT A-1

DATA SPREADSHEET

Daily Flare Monitoring Data - Bridgeton Landfill
7/1/2014 - 12/31/2014

| Date | Average Device Flow (scfm) | | | | Total Avg. Flow (scfm) |
|-----------|----------------------------|----------------------------|----------------------------|---------------------------|------------------------|
| | Candlestick Flare (FL-100) | Candlestick Flare (FL-140) | Candlestick Flare (FL-120) | E. Aux. Candlestick Flare | |
| 7/1/2014 | 1,902 | 3,662 | 3,617 | 0 | 9,181 |
| 7/2/2014 | 1,599 | 3,221 | 3,406 | 0 | 8,226 |
| 7/3/2014 | 1,795 | 3,484 | 3,538 | 0 | 8,816 |
| 7/4/2014 | 1,933 | 3,611 | 3,623 | 0 | 9,167 |
| 7/5/2014 | 1,537 | 3,140 | 3,229 | 0 | 7,906 |
| 7/6/2014 | 1,960 | 3,497 | 3,527 | 0 | 8,985 |
| 7/7/2014 | 2,042 | 3,552 | 3,529 | 0 | 9,123 |
| 7/8/2014 | 2,083 | 3,096 | 3,324 | 0 | 8,503 |
| 7/9/2014 | 2,114 | 3,432 | 2,898 | 0 | 8,444 |
| 7/10/2014 | 2,103 | 3,474 | 2,906 | 0 | 8,483 |
| 7/11/2014 | 2,292 | 3,085 | 2,656 | 0 | 8,033 |
| 7/12/2014 | 2,308 | 3,859 | 3,229 | 0 | 9,396 |
| 7/13/2014 | 2,253 | 3,818 | 3,183 | 0 | 9,254 |
| 7/14/2014 | 2,059 | 3,509 | 3,045 | 0 | 8,613 |
| 7/15/2014 | 2,057 | 3,377 | 2,998 | 0 | 8,432 |
| 7/16/2014 | 2,190 | 3,743 | 3,185 | 0 | 9,118 |
| 7/17/2014 | 2,232 | 3,601 | 3,121 | 0 | 8,953 |
| 7/18/2014 | 2,294 | 3,853 | 3,303 | 0 | 9,450 |
| 7/19/2014 | 2,349 | 3,525 | 3,116 | 0 | 8,989 |
| 7/20/2014 | 2,375 | 3,875 | 3,263 | 0 | 9,514 |
| 7/21/2014 | 2,384 | 3,877 | 3,317 | 0 | 9,578 |
| 7/22/2014 | 2,440 | 3,913 | 3,344 | 0 | 9,697 |
| 7/23/2014 | 2,290 | 3,845 | 3,250 | 0 | 9,385 |
| 7/24/2014 | 2,184 | 3,718 | 3,167 | 0 | 9,069 |
| 7/25/2014 | 2,128 | 3,659 | 3,187 | 0 | 8,975 |
| 7/26/2014 | 2,094 | 3,229 | 2,848 | 243 | 8,415 |
| 7/27/2014 | 2,354 | 3,304 | 3,180 | 576 | 9,414 |
| 7/28/2014 | 1,981 | 3,377 | 3,048 | 222 | 8,629 |
| 7/29/2014 | 2,103 | 3,637 | 3,097 | 0 | 8,837 |
| 7/30/2014 | 2,197 | 3,723 | 3,081 | 0 | 9,001 |
| 7/31/2014 | 2,200 | 3,663 | 3,091 | 0 | 8,954 |

Daily Flare Monitoring Data - Bridgeton Landfill
7/1/2014 - 12/31/2014

| Date | Average Device Flow (scfm) | | | | Total Avg. Flow (scfm) |
|-----------|----------------------------|----------------------------|----------------------------|---------------------------|------------------------|
| | Candlestick Flare (FL-100) | Candlestick Flare (FL-140) | Candlestick Flare (FL-120) | E. Aux. Candlestick Flare | |
| 8/1/2014 | 2,121 | 3,620 | 3,072 | 0 | 8,814 |
| 8/2/2014 | 2,135 | 3,650 | 3,103 | 0 | 8,888 |
| 8/3/2014 | 2,235 | 3,484 | 2,952 | 0 | 8,671 |
| 8/4/2014 | 2,272 | 3,806 | 3,206 | 0 | 9,284 |
| 8/5/2014 | 2,241 | 3,748 | 3,193 | 32 | 9,215 |
| 8/6/2014 | 1,925 | 3,206 | 2,744 | 0 | 7,875 |
| 8/7/2014 | 2,040 | 3,496 | 3,135 | 0 | 8,671 |
| 8/8/2014 | 2,128 | 3,615 | 3,087 | 0 | 8,830 |
| 8/9/2014 | 2,070 | 3,552 | 3,039 | 0 | 8,661 |
| 8/10/2014 | 2,128 | 3,652 | 3,102 | 0 | 8,882 |
| 8/11/2014 | 2,153 | 3,674 | 3,096 | 0 | 8,923 |
| 8/12/2014 | 2,065 | 3,588 | 3,098 | 0 | 8,751 |
| 8/13/2014 | 2,147 | 3,691 | 3,158 | 0 | 8,996 |
| 8/14/2014 | 2,240 | 3,588 | 3,048 | 0 | 8,877 |
| 8/15/2014 | 2,229 | 3,759 | 3,152 | 0 | 9,140 |
| 8/16/2014 | 2,080 | 3,589 | 3,095 | 0 | 8,763 |
| 8/17/2014 | 2,081 | 3,596 | 3,095 | 0 | 8,772 |
| 8/18/2014 | 2,149 | 3,656 | 3,221 | 0 | 9,026 |
| 8/19/2014 | 2,152 | 3,699 | 3,420 | 0 | 9,270 |
| 8/20/2014 | 2,107 | 3,713 | 3,340 | 0 | 9,159 |
| 8/21/2014 | 2,138 | 3,629 | 3,319 | 0 | 9,086 |
| 8/22/2014 | 2,249 | 3,814 | 3,397 | 0 | 9,460 |
| 8/23/2014 | 2,359 | 3,905 | 3,495 | 0 | 9,759 |
| 8/24/2014 | 2,275 | 3,458 | 3,256 | 0 | 8,988 |
| 8/25/2014 | 2,363 | 3,936 | 3,496 | 0 | 9,794 |
| 8/26/2014 | 2,094 | 3,501 | 3,061 | 0 | 8,656 |
| 8/27/2014 | 2,156 | 3,816 | 3,325 | 0 | 9,297 |
| 8/28/2014 | 2,073 | 3,863 | 3,170 | 0 | 9,105 |
| 8/29/2014 | 2,012 | 3,749 | 3,200 | 0 | 8,961 |
| 8/30/2014 | 1,966 | 3,474 | 3,437 | 0 | 8,877 |
| 8/31/2014 | 2,142 | 3,640 | 3,464 | 0 | 9,245 |

Daily Flare Monitoring Data - Bridgeton Landfill
7/1/2014 - 12/31/2014

| Date | Average Device Flow (scfm) | | | | Total Avg. Flow (scfm) |
|-----------|----------------------------|----------------------------|----------------------------|---------------------------|------------------------|
| | Candlestick Flare (FL-100) | Candlestick Flare (FL-140) | Candlestick Flare (FL-120) | E. Aux. Candlestick Flare | |
| 9/1/2014 | 1,954 | 3,154 | 3,383 | 0 | 8,491 |
| 9/2/2014 | 1,670 | 3,136 | 3,740 | 0 | 8,546 |
| 9/3/2014 | 1,739 | 3,479 | 3,630 | 34 | 8,882 |
| 9/4/2014 | 2,298 | 3,381 | 3,323 | 0 | 9,002 |
| 9/5/2014 | 2,320 | 3,467 | 3,321 | 0 | 9,108 |
| 9/6/2014 | 2,009 | 3,115 | 3,271 | 0 | 8,395 |
| 9/7/2014 | 2,102 | 3,212 | 3,256 | 0 | 8,569 |
| 9/8/2014 | 2,080 | 3,204 | 3,243 | 0 | 8,526 |
| 9/9/2014 | 2,037 | 3,526 | 2,960 | 0 | 8,523 |
| 9/10/2014 | 1,916 | 3,721 | 2,806 | 0 | 8,443 |
| 9/11/2014 | 1,799 | 3,450 | 2,651 | 0 | 7,900 |
| 9/12/2014 | 1,720 | 3,374 | 2,725 | 0 | 7,819 |
| 9/13/2014 | 1,782 | 3,477 | 2,740 | 0 | 7,999 |
| 9/14/2014 | 1,877 | 3,618 | 2,674 | 0 | 8,169 |
| 9/15/2014 | 1,928 | 3,595 | 2,654 | 0 | 8,176 |
| 9/16/2014 | 1,935 | 3,576 | 2,612 | 0 | 8,123 |
| 9/17/2014 | 1,927 | 3,503 | 2,704 | 0 | 8,134 |
| 9/18/2014 | 2,058 | 3,716 | 2,741 | 0 | 8,515 |
| 9/19/2014 | 2,111 | 3,769 | 2,801 | 0 | 8,681 |
| 9/20/2014 | 2,259 | 3,156 | 3,125 | 0 | 8,540 |
| 9/21/2014 | 2,119 | 2,785 | 3,156 | 0 | 8,060 |
| 9/22/2014 | 2,177 | 2,978 | 3,165 | 0 | 8,320 |
| 9/23/2014 | 2,210 | 3,008 | 3,257 | 0 | 8,476 |
| 9/24/2014 | 2,214 | 2,970 | 3,152 | 415 | 8,752 |
| 9/25/2014 | 2,215 | 2,981 | 3,049 | 721 | 8,966 |
| 9/26/2014 | 2,375 | 3,139 | 3,259 | 231 | 9,004 |
| 9/27/2014 | 2,357 | 3,151 | 3,341 | 0 | 8,850 |
| 9/28/2014 | 2,409 | 3,164 | 3,336 | 0 | 8,909 |
| 9/29/2014 | 2,244 | 3,025 | 3,105 | 467 | 8,841 |
| 9/30/2014 | 2,332 | 3,044 | 3,235 | 233 | 8,844 |

Daily Flare Monitoring Data - Bridgeton Landfill
7/1/2014 - 12/31/2014

| Date | Average Device Flow (scfm) | | | | Total Avg. Flow (scfm) |
|------------|----------------------------|----------------------------|----------------------------|---------------------------|------------------------|
| | Candlestick Flare (FL-100) | Candlestick Flare (FL-140) | Candlestick Flare (FL-120) | E. Aux. Candlestick Flare | |
| 10/1/2014 | 2,322 | 3,027 | 3,331 | 49 | 8,729 |
| 10/2/2014 | 2,167 | 2,859 | 3,262 | 0 | 8,288 |
| 10/3/2014 | 1,983 | 2,690 | 3,138 | 0 | 7,810 |
| 10/4/2014 | 1,932 | 2,691 | 3,078 | 0 | 7,701 |
| 10/5/2014 | 2,042 | 2,772 | 3,205 | 0 | 8,020 |
| 10/6/2014 | 2,148 | 2,829 | 3,171 | 0 | 8,148 |
| 10/7/2014 | 2,109 | 2,824 | 3,206 | 0 | 8,140 |
| 10/8/2014 | 2,189 | 2,869 | 3,126 | 0 | 8,184 |
| 10/9/2014 | 2,043 | 2,727 | 3,124 | 0 | 7,894 |
| 10/10/2014 | 1,953 | 2,625 | 3,093 | 0 | 7,671 |
| 10/11/2014 | 1,949 | 2,629 | 3,073 | 0 | 7,652 |
| 10/12/2014 | 2,020 | 2,647 | 3,062 | 0 | 7,729 |
| 10/13/2014 | 2,023 | 2,580 | 3,064 | 0 | 7,666 |
| 10/14/2014 | 1,922 | 2,545 | 3,063 | 0 | 7,530 |
| 10/15/2014 | 1,952 | 2,587 | 3,035 | 0 | 7,574 |
| 10/16/2014 | 2,087 | 2,732 | 3,102 | 0 | 7,921 |
| 10/17/2014 | 2,066 | 2,665 | 3,099 | 0 | 7,830 |
| 10/18/2014 | 1,961 | 2,585 | 3,065 | 0 | 7,612 |
| 10/19/2014 | 1,992 | 2,620 | 3,061 | 0 | 7,673 |
| 10/20/2014 | 1,989 | 2,696 | 3,183 | 28 | 7,896 |
| 10/21/2014 | 2,078 | 2,712 | 3,091 | 0 | 7,881 |
| 10/22/2014 | 2,063 | 2,670 | 3,109 | 0 | 7,842 |
| 10/23/2014 | 2,052 | 2,654 | 3,095 | 0 | 7,800 |
| 10/24/2014 | 2,153 | 2,760 | 3,139 | 0 | 8,052 |
| 10/25/2014 | 2,288 | 2,840 | 3,202 | 0 | 8,330 |
| 10/26/2014 | 2,192 | 2,783 | 3,218 | 0 | 8,193 |
| 10/27/2014 | 2,217 | 2,774 | 3,219 | 0 | 8,210 |
| 10/28/2014 | 2,058 | 2,622 | 3,108 | 0 | 7,788 |
| 10/29/2014 | 2,003 | 2,584 | 3,076 | 95 | 7,759 |
| 10/30/2014 | 1,980 | 2,552 | 3,037 | 307 | 7,877 |
| 10/31/2014 | 1,955 | 2,498 | 3,079 | 0 | 7,532 |

Daily Flare Monitoring Data - Bridgeton Landfill
7/1/2014 - 12/31/2014

| Date | Average Device Flow (scfm) | | | | Total Avg. Flow (scfm) |
|------------|----------------------------|----------------------------|----------------------------|---------------------------|------------------------|
| | Candlestick Flare (FL-100) | Candlestick Flare (FL-140) | Candlestick Flare (FL-120) | E. Aux. Candlestick Flare | |
| 11/1/2014 | 1,959 | 2,555 | 3,066 | 0 | 7,579 |
| 11/2/2014 | 1,944 | 2,496 | 3,135 | 0 | 7,574 |
| 11/3/2014 | 2,129 | 2,614 | 3,201 | 41 | 7,984 |
| 11/4/2014 | 2,007 | 2,524 | 3,213 | 0 | 7,744 |
| 11/5/2014 | 2,055 | 2,631 | 3,157 | 0 | 7,843 |
| 11/6/2014 | 1,950 | 2,488 | 3,148 | 0 | 7,585 |
| 11/7/2014 | 2,003 | 2,537 | 3,147 | 0 | 7,687 |
| 11/8/2014 | 2,008 | 2,513 | 3,158 | 0 | 7,680 |
| 11/9/2014 | 2,040 | 2,544 | 3,172 | 0 | 7,756 |
| 11/10/2014 | 2,074 | 2,810 | 3,151 | 0 | 8,034 |
| 11/11/2014 | 1,844 | 2,655 | 2,929 | 0 | 7,428 |
| 11/12/2014 | 1,764 | 2,563 | 2,905 | 0 | 7,232 |
| 11/13/2014 | 1,741 | 2,657 | 2,806 | 0 | 7,204 |
| 11/14/2014 | 1,969 | 2,539 | 2,740 | 0 | 7,247 |
| 11/15/2014 | 2,154 | 2,440 | 2,728 | 0 | 7,321 |
| 11/16/2014 | 2,090 | 2,419 | 2,772 | 0 | 7,280 |
| 11/17/2014 | 1,374 | 2,226 | 2,392 | 0 | 5,992 |
| 11/18/2014 | 1,625 | 2,682 | 2,741 | 0 | 7,048 |
| 11/19/2014 | 1,849 | 2,400 | 2,472 | 8 | 6,729 |
| 11/20/2014 | 1,640 | 2,603 | 2,968 | 22 | 7,232 |
| 11/21/2014 | 2,080 | 2,734 | 2,886 | 0 | 7,700 |
| 11/22/2014 | 2,341 | 2,966 | 3,025 | 0 | 8,333 |
| 11/23/2014 | 2,133 | 3,147 | 2,864 | 0 | 8,145 |
| 11/24/2014 | 1,821 | 2,859 | 2,537 | 0 | 7,217 |
| 11/25/2014 | 1,879 | 2,811 | 2,437 | 0 | 7,127 |
| 11/26/2014 | 1,958 | 2,811 | 2,474 | 0 | 7,244 |
| 11/27/2014 | 2,050 | 2,733 | 2,193 | 0 | 6,976 |
| 11/28/2014 | 2,354 | 2,838 | 2,234 | 0 | 7,426 |
| 11/29/2014 | 2,268 | 2,963 | 2,312 | 0 | 7,543 |
| 11/30/2014 | 2,313 | 3,077 | 2,510 | 0 | 7,901 |

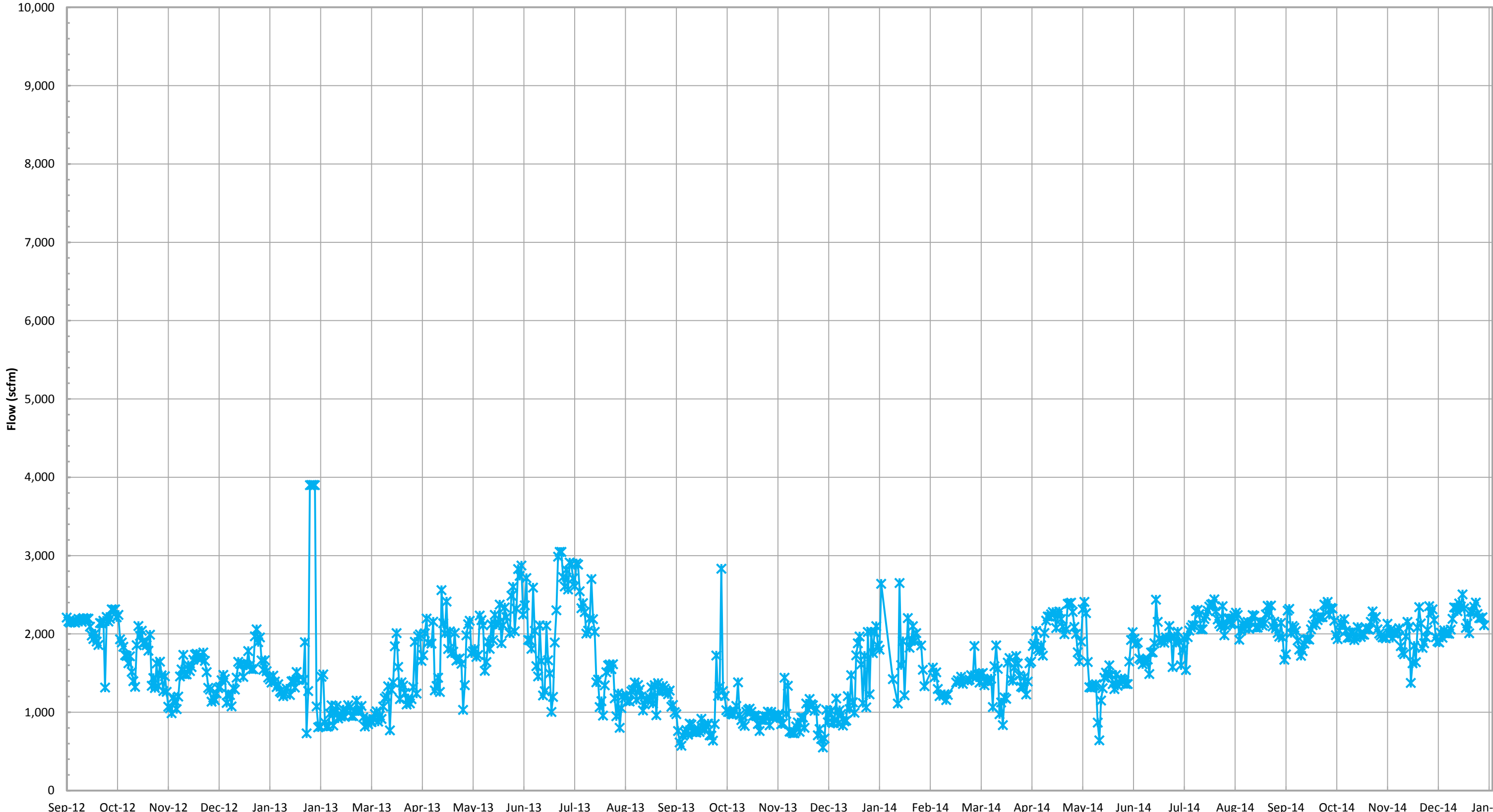
Daily Flare Monitoring Data - Bridgeton Landfill
7/1/2014 - 12/31/2014

| Date | Average Device Flow (scfm) | | | | Total Avg. Flow (scfm) |
|------------|----------------------------|----------------------------|----------------------------|---------------------------|------------------------|
| | Candlestick Flare (FL-100) | Candlestick Flare (FL-140) | Candlestick Flare (FL-120) | E. Aux. Candlestick Flare | |
| 12/1/2014 | 2,179 | 2,896 | 2,453 | 0 | 7,528 |
| 12/2/2014 | 1,956 | 2,689 | 2,411 | 0 | 7,057 |
| 12/3/2014 | 1,904 | 2,799 | 2,225 | 131 | 7,059 |
| 12/4/2014 | 1,891 | 2,812 | 2,151 | 158 | 7,012 |
| 12/5/2014 | 2,017 | 2,954 | 2,463 | 0 | 7,433 |
| 12/6/2014 | 1,951 | 2,877 | 2,485 | 0 | 7,312 |
| 12/7/2014 | 2,046 | 3,008 | 2,613 | 0 | 7,666 |
| 12/8/2014 | 2,016 | 2,984 | 2,719 | 61 | 7,780 |
| 12/9/2014 | 2,004 | 2,984 | 2,626 | 21 | 7,636 |
| 12/10/2014 | 2,001 | 2,970 | 2,507 | 153 | 7,631 |
| 12/11/2014 | 2,055 | 3,192 | 2,660 | 184 | 8,091 |
| 12/12/2014 | 2,192 | 3,110 | 2,688 | 202 | 8,192 |
| 12/13/2014 | 2,338 | 3,352 | 2,845 | 0 | 8,535 |
| 12/14/2014 | 2,333 | 3,279 | 2,783 | 0 | 8,395 |
| 12/15/2014 | 2,289 | 3,238 | 2,857 | 0 | 8,384 |
| 12/16/2014 | 2,389 | 3,038 | 2,714 | 0 | 8,141 |
| 12/17/2014 | 2,350 | 2,841 | 2,633 | 187 | 8,011 |
| 12/18/2014 | 2,504 | 2,997 | 2,575 | 0 | 8,076 |
| 12/19/2014 | 2,326 | 2,745 | 2,418 | 48 | 7,537 |
| 12/20/2014 | 2,077 | 2,485 | 2,804 | 0 | 7,366 |
| 12/21/2014 | 2,131 | 2,510 | 2,964 | 0 | 7,606 |
| 12/22/2014 | 2,008 | 2,440 | 2,838 | 0 | 7,286 |
| 12/23/2014 | 2,286 | 2,519 | 2,956 | 0 | 7,762 |
| 12/24/2014 | 2,279 | 2,660 | 3,110 | 0 | 8,049 |
| 12/25/2014 | 2,345 | 2,687 | 3,145 | 0 | 8,177 |
| 12/26/2014 | 2,400 | 2,682 | 3,102 | 0 | 8,184 |
| 12/27/2014 | 2,255 | 2,585 | 3,003 | 0 | 7,843 |
| 12/28/2014 | 2,203 | 2,546 | 3,033 | 0 | 7,782 |
| 12/29/2014 | 2,200 | 2,619 | 3,025 | 0 | 7,845 |
| 12/30/2014 | 2,212 | 2,668 | 2,871 | 0 | 7,751 |
| 12/31/2014 | 2,110 | 2,827 | 2,827 | 0 | 7,764 |

ATTACHMENT A-2

DATA GRAPHS

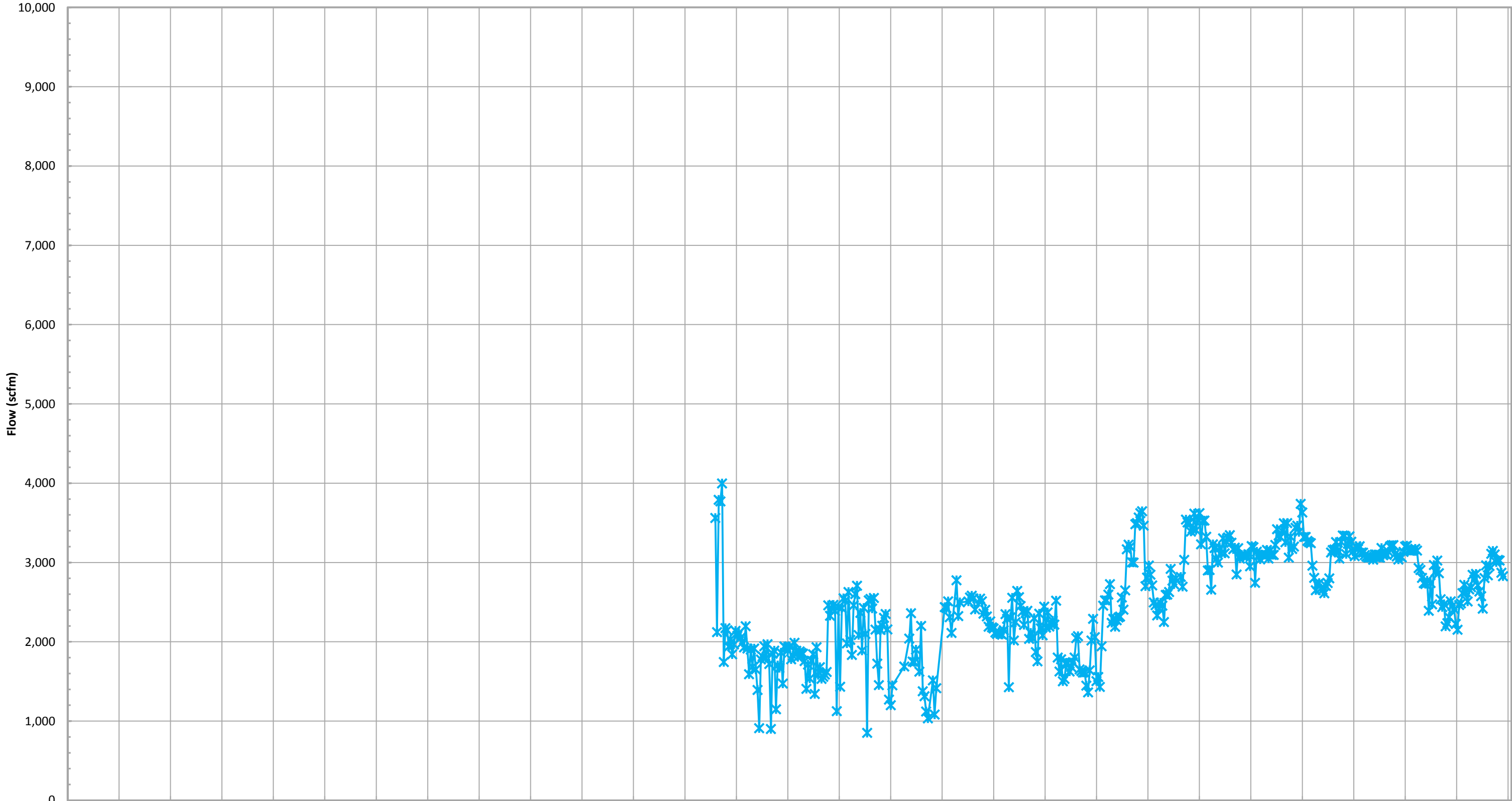
Candlestick Flare (FL-100) Flow (scfm)*



—* Candlestick Flare (FL-100) Flow (scfm)*

*Flow is based on tabulated flow data collected daily.

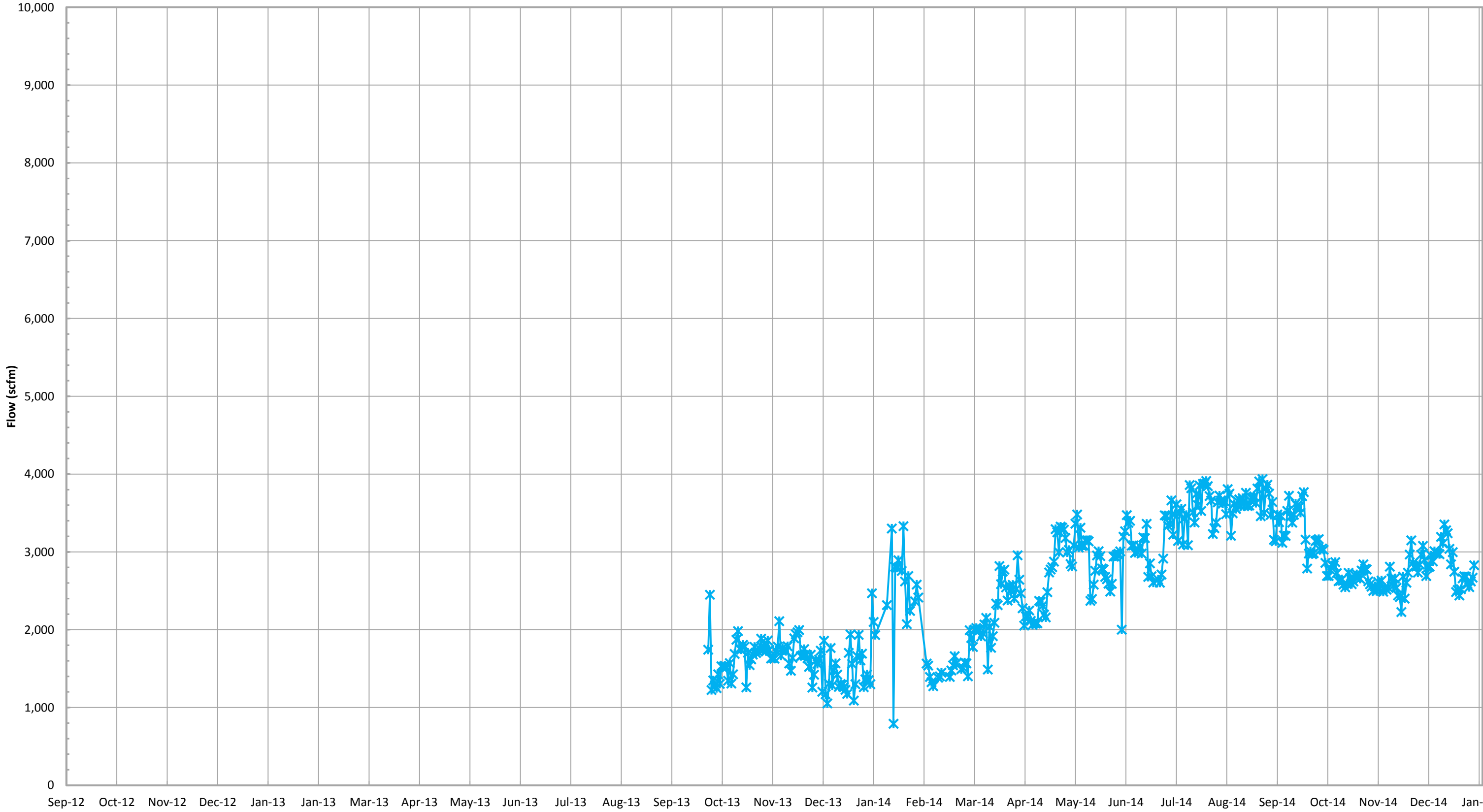
Candlestick Flare (FL-120) Flow (scfm)*



—* Candlestick Flare (FL-120) Flow (scfm)*

*Flow is based on tabulated flow data collected daily.

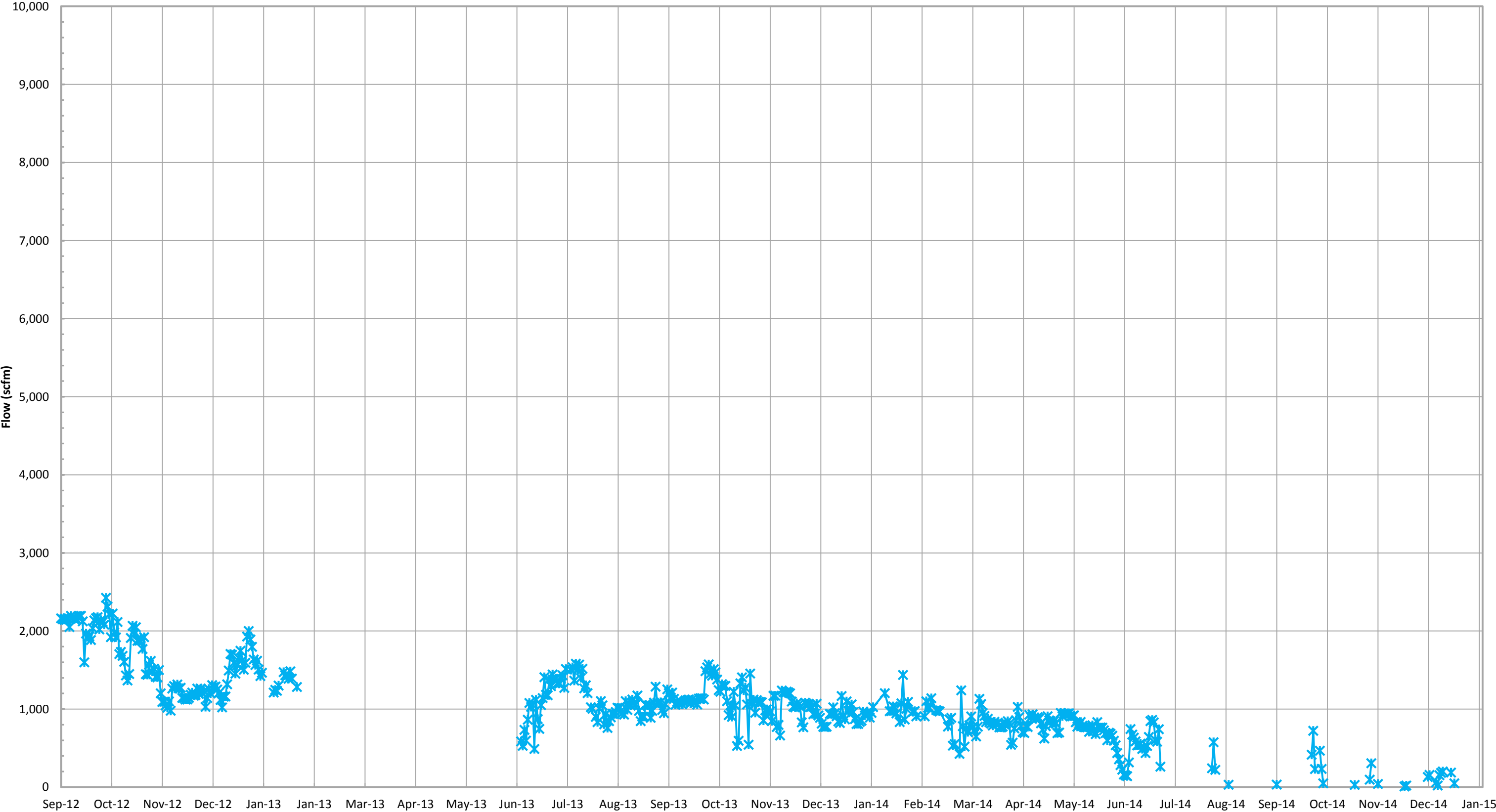
Candlestick Flare (FL-140) Flow (scfm)*



—*— Candlestick Flare (FL-140) Flow (scfm)*

*Flow is based on tabulated flow data collected daily.

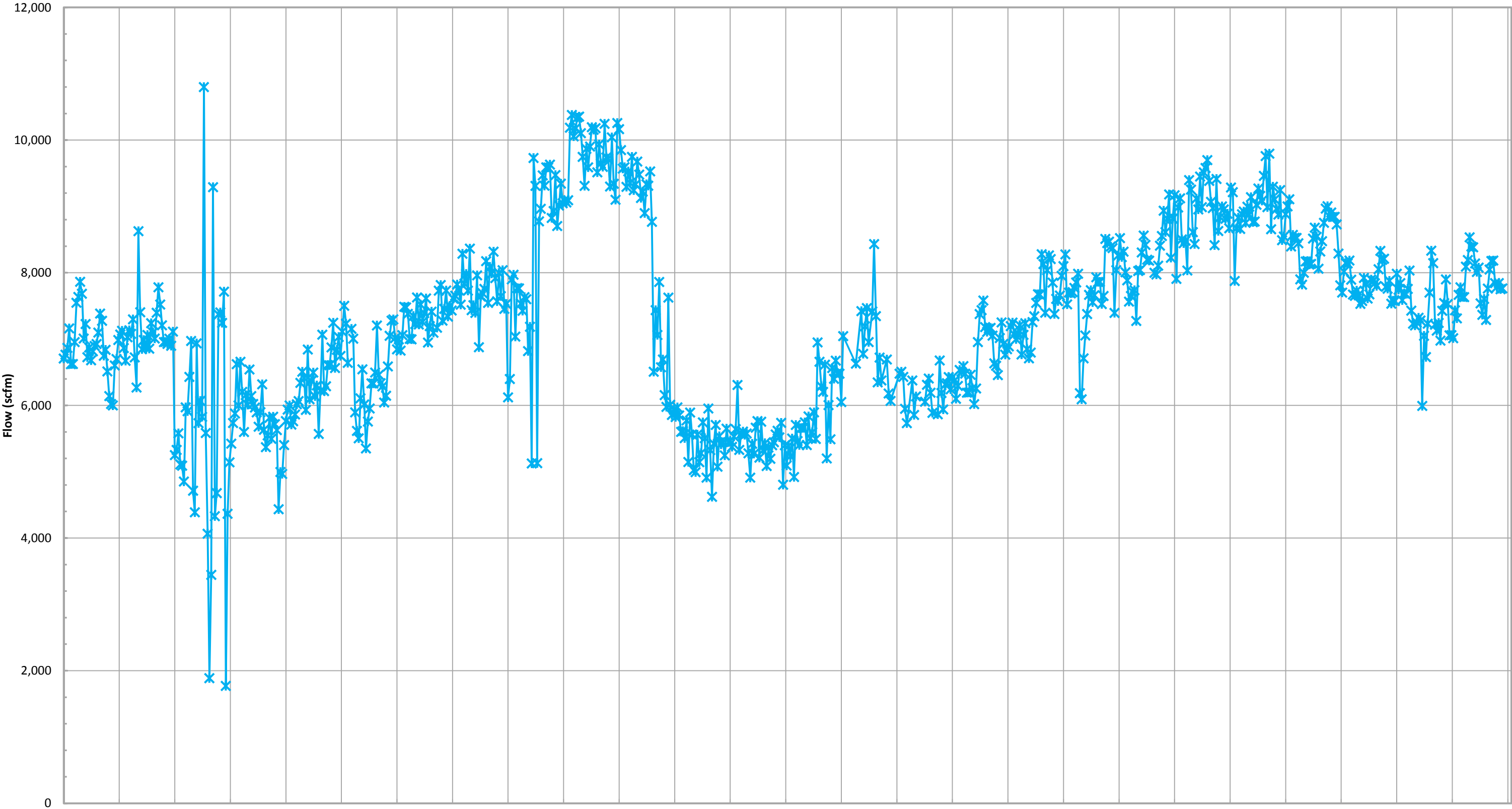
East Auxillary Candlestick Flare Flow (scfm)*



—*— East Auxillary Candlestick Flare Flow (scfm)*

*Flow is based on tabulated flow data collected daily.

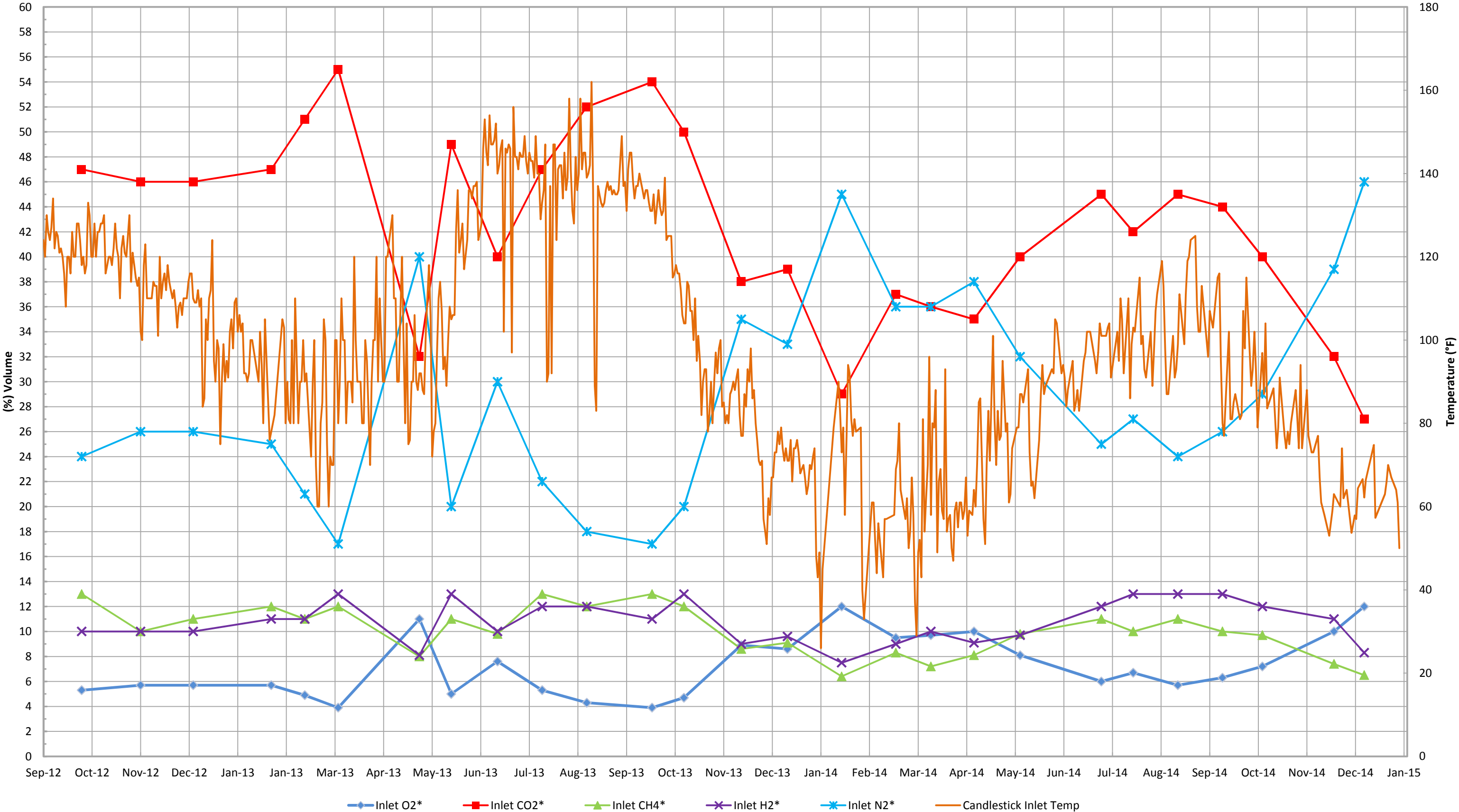
Total Combined Flow (scfm)*



—*— Total Combined Flow (scfm)*

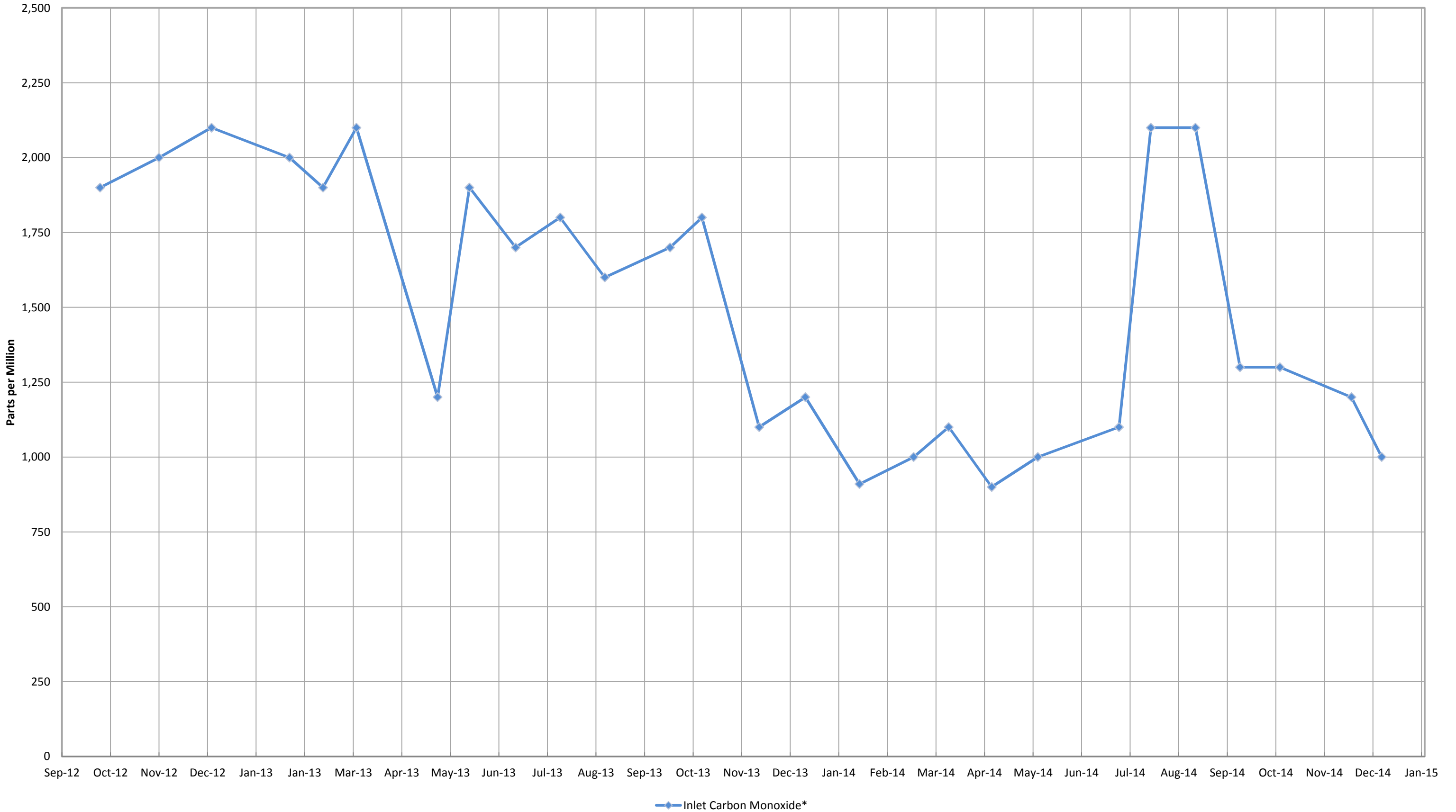
*Combined flow is based on tabulated flow data collected daily from each device.

Inlet Gas and Temperature*



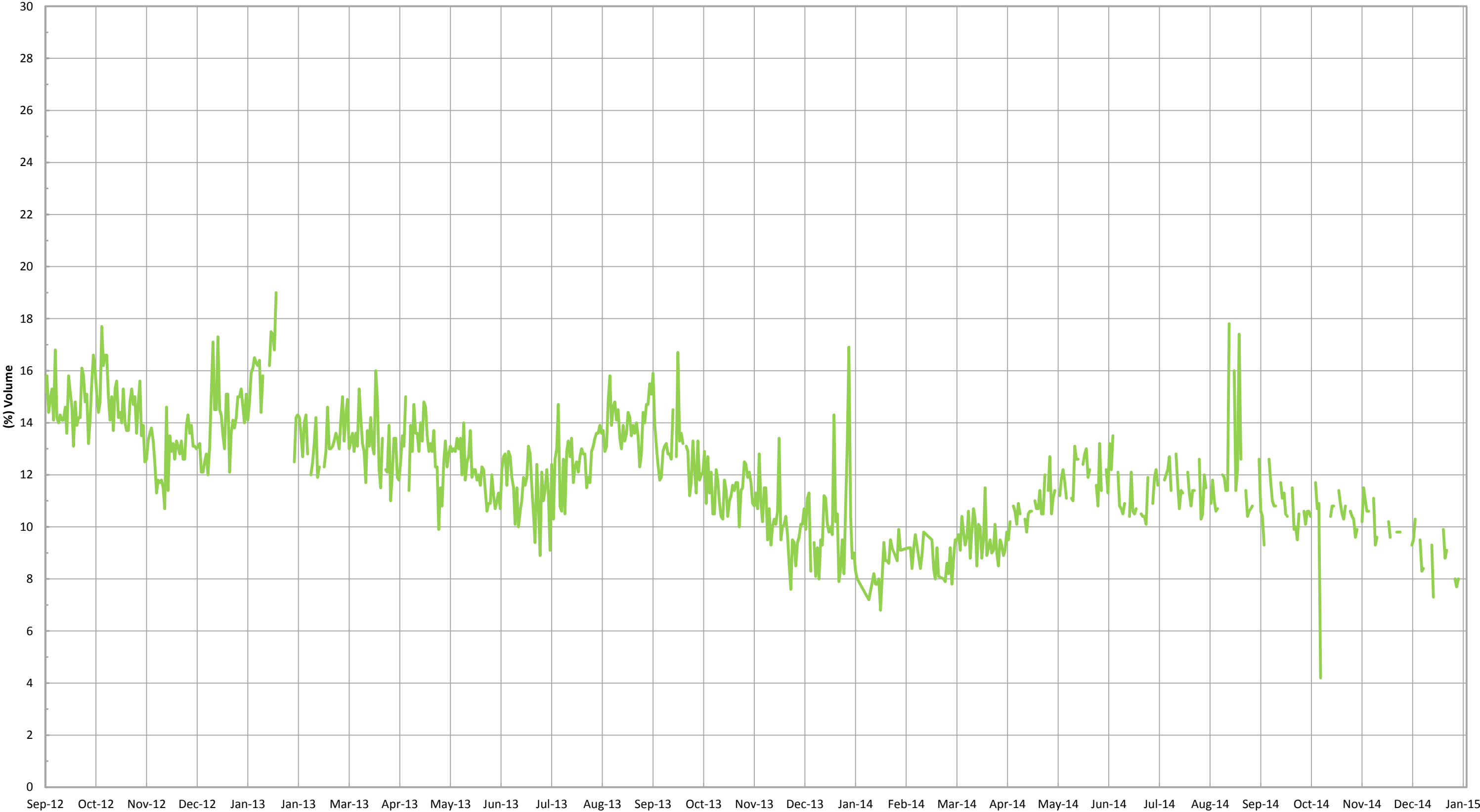
*Gas data collected from Laboratory Reports. Temperature data collected from GEM 2000 field readings.

Inlet Carbon Monoxide*



*Data collected from Laboratory Reports.

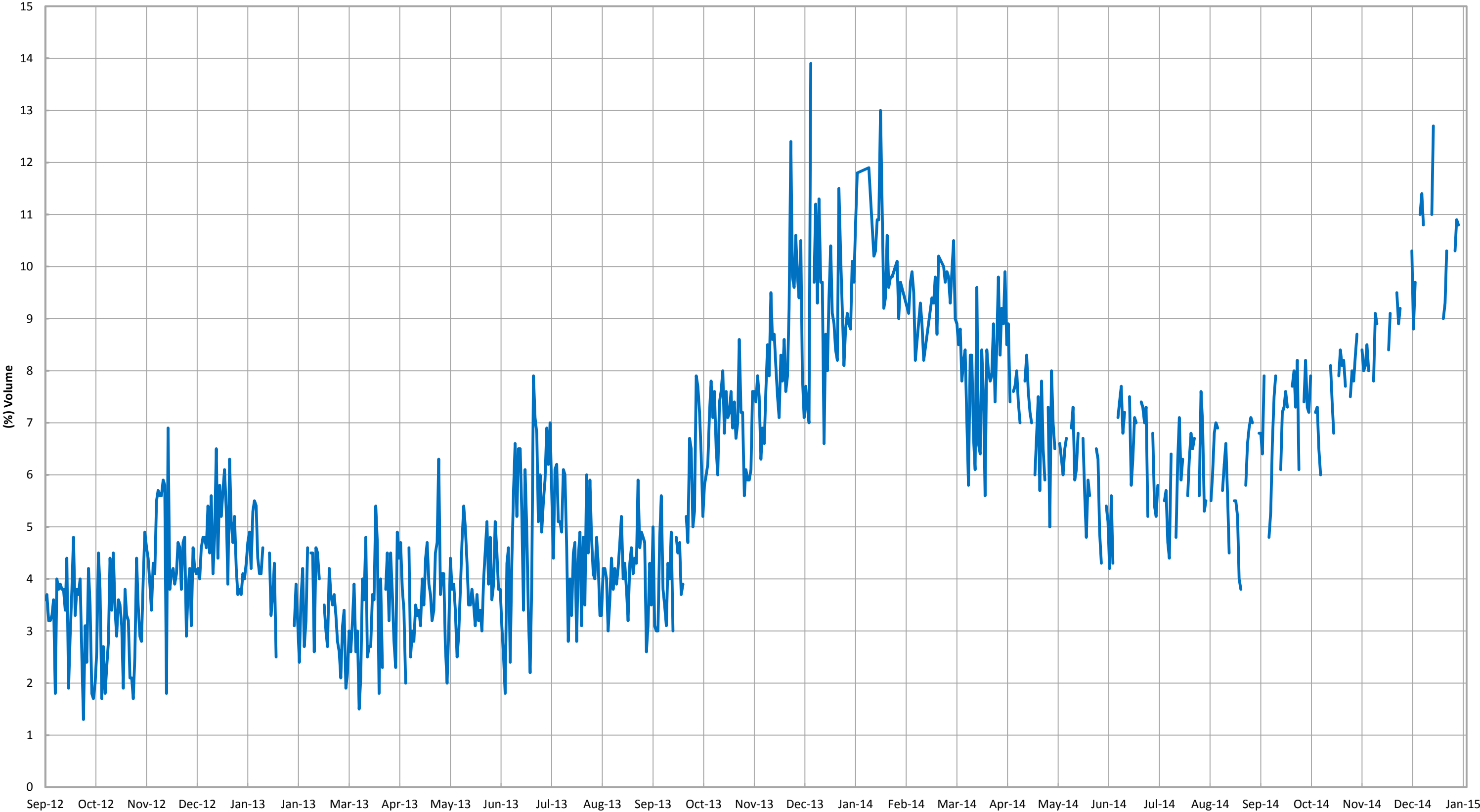
Combined Inlet Methane (GEM 2000)*



— Combined Inlet Methane (GEM 2000)*

*Gas data collected from GEM 2000 field monitoring instrument.

Combined Inlet Oxygen (GEM 2000)*



— Combined Inlet Oxygen (GEM 2000)*

*Gas data collected from GEM 2000 field monitoring instrument.

ATTACHMENT B

WORK COMPLETED AND PLANNED

Bridgeton Landfill, LLC

Monthly Summary of Work Completed and Planned

Work Completed in December 2014

Gas Collection and Control System

- Continued operation and maintenance of GCCS System and GIW wells.
- Installed 16 gas new gas extraction wells
- Installed a new gas/liquid grit chamber with lift station in the SE site area.
- Installed the upgraded header inlet to the flare station.

Leachate Management System

- Lowered LCS-4 well casing and installed a PCP Pump.
- Continued installation of the force main to Bissell treatment plant.
- Continued routine operation of previously installed and upgraded features.

Pre-Treatment Facility

- Achieved full ramp up operation of facility.
- Achieved direct discharge to MO River PTOW

Work Planned for January 2015

Gas Collection and Control System

- Complete installation of the additional gas extraction wells.
- Complete installation of the SE Grit and Lift station.
- Continue operation and maintenance of GCCS system.
- Installation of the upgraded header along the south perimeter slope.
- Continue upgrades to GCCS system as required.

Temperature Monitoring Probe (TMP) System

- Install nine (9) additional TMP points in the North Quarry area.

Leachate Management System

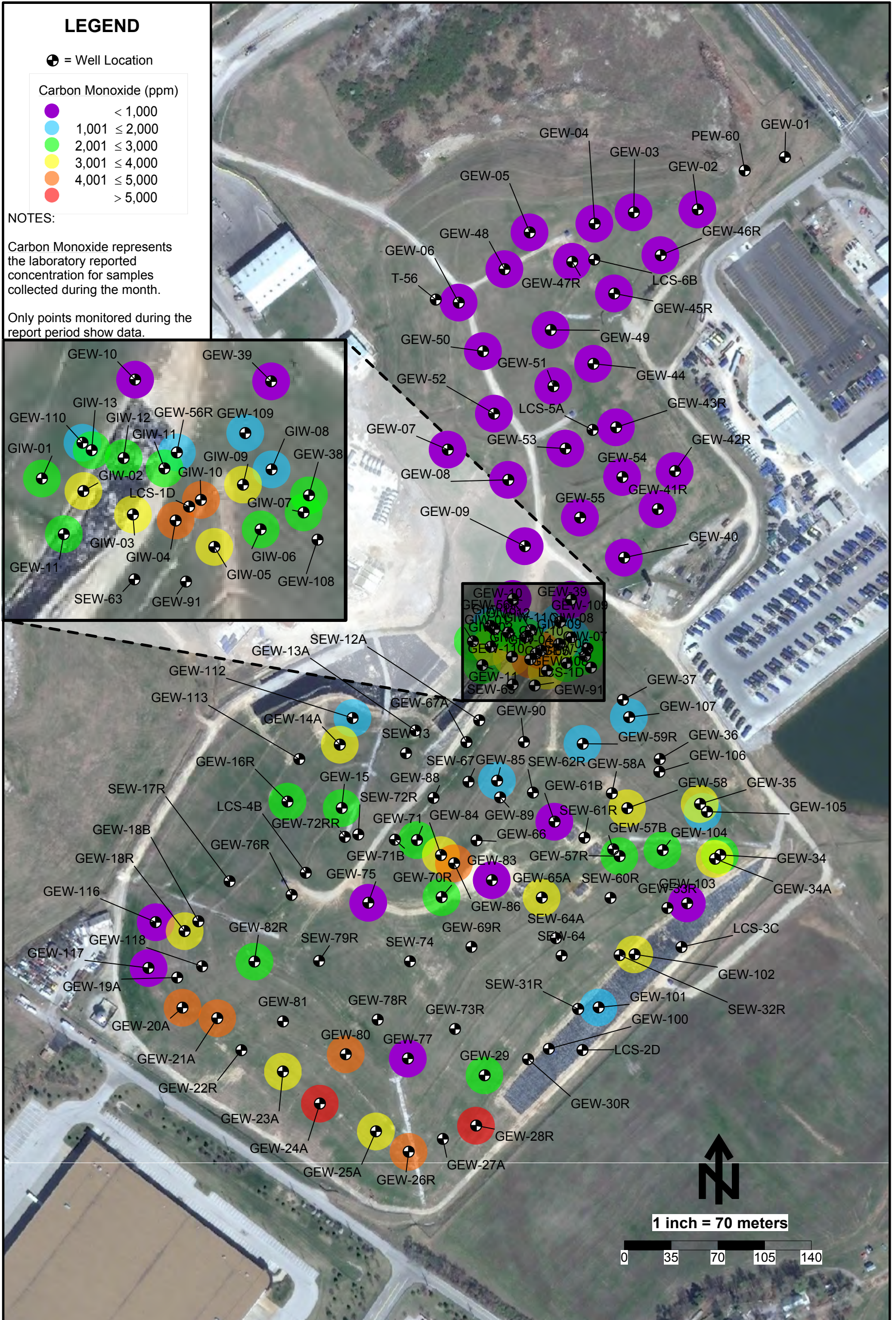
- Continue installation of off-site leachate force main to Bissell treatment plant.
- Continue routine operation of previously installed and upgraded features.

Pre-Treatment Facility

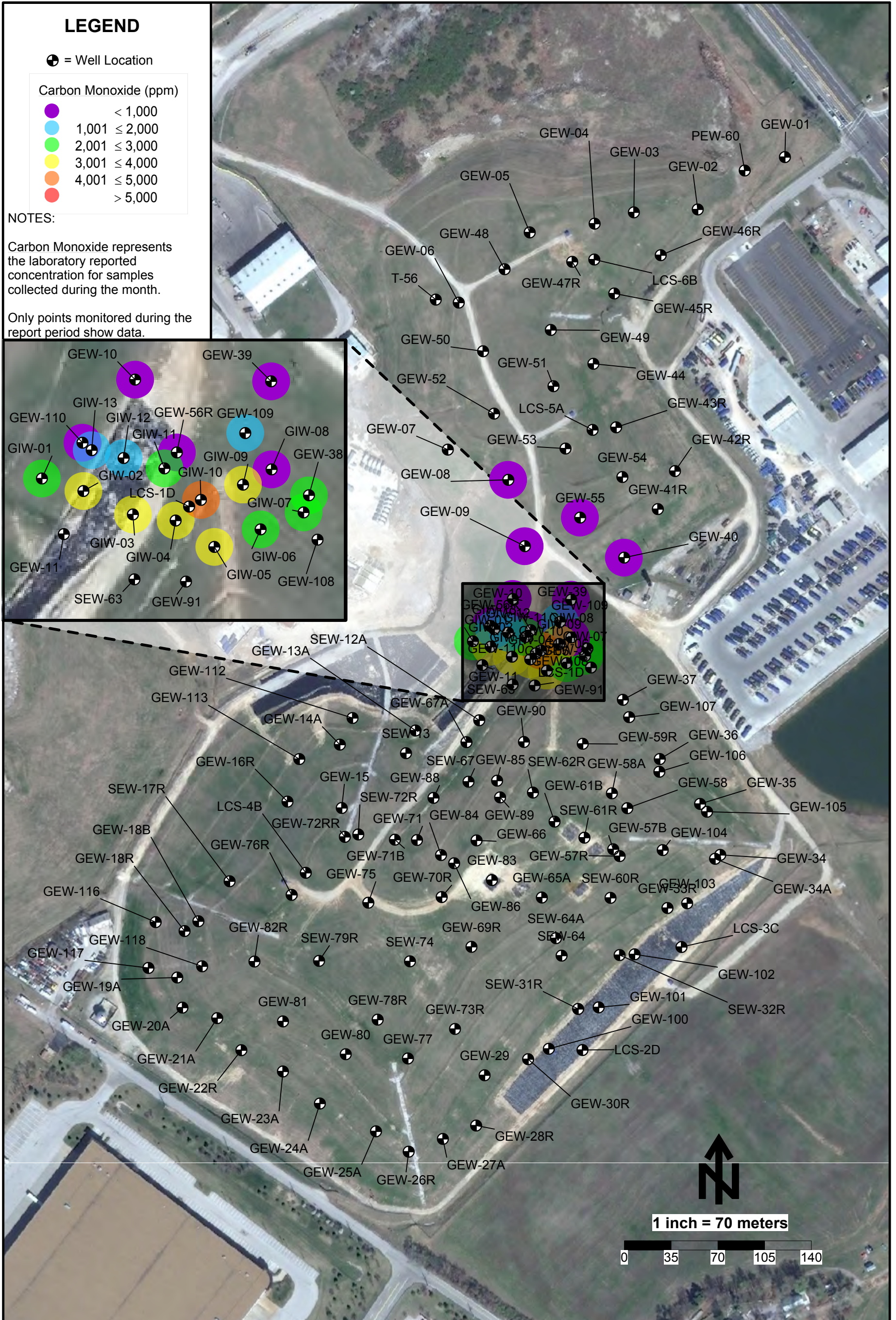
- Ongoing operation of facility.

ATTACHMENT C

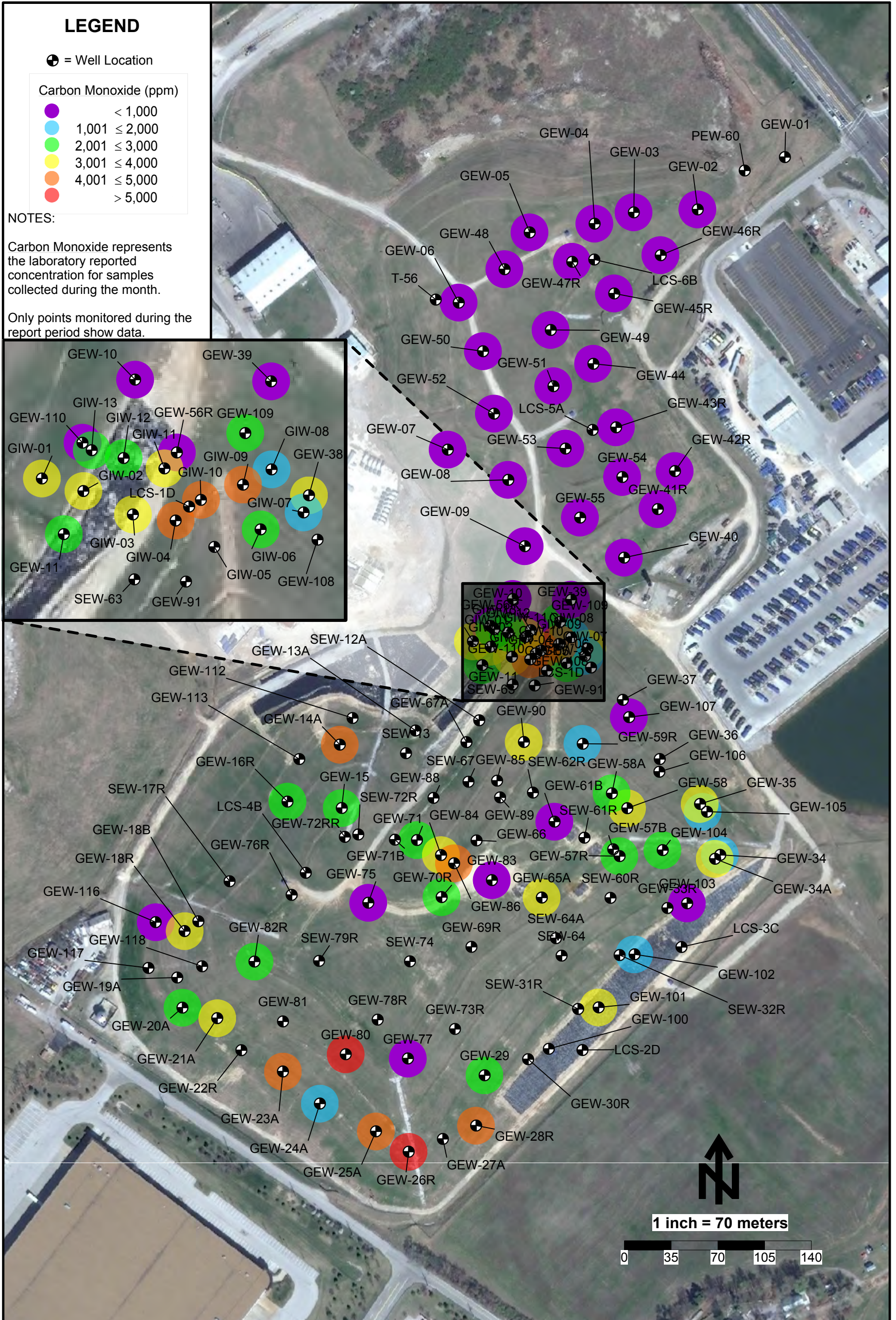
CARBON MONOXIDE MAPS



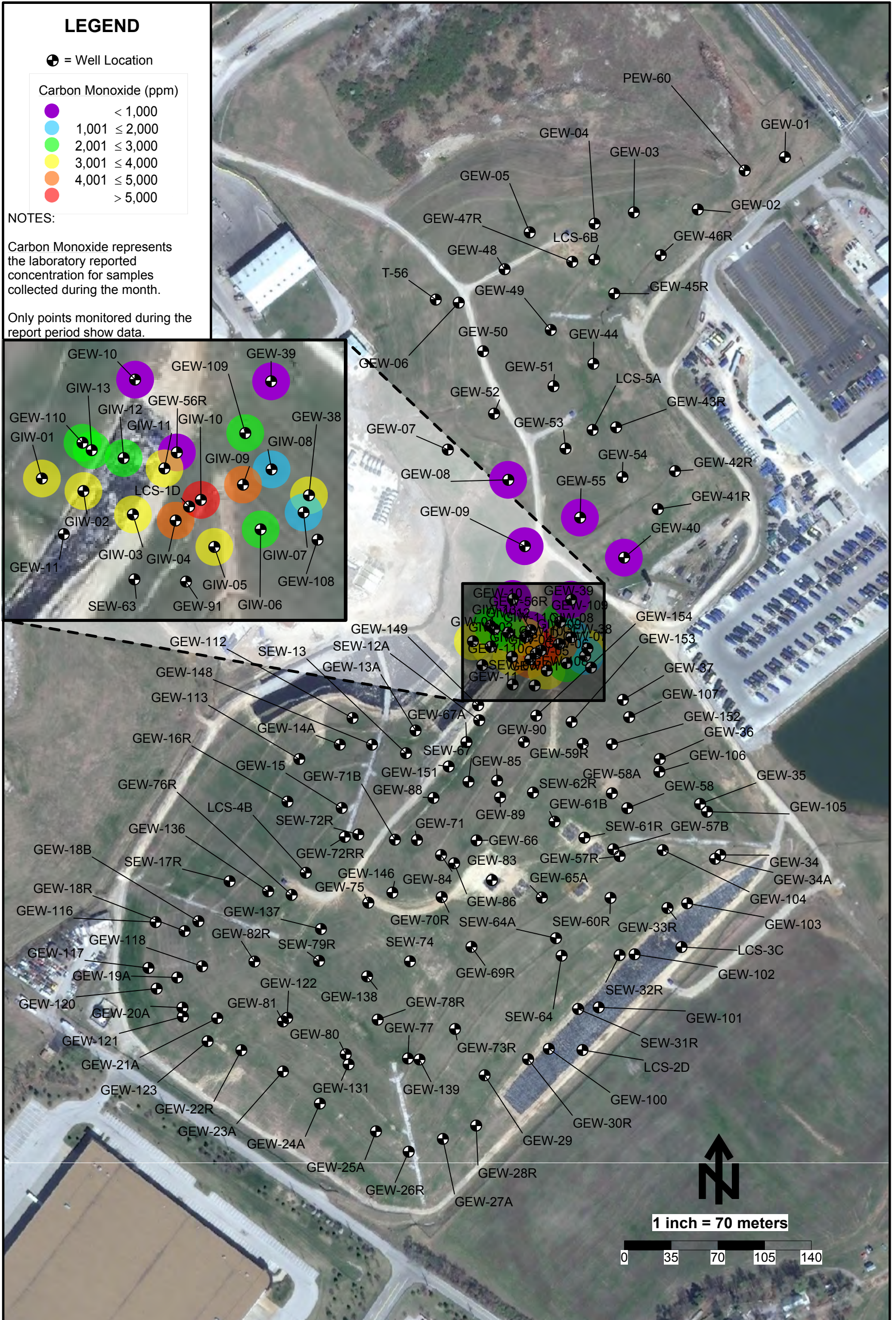
Carbon Monoxide Data Map - September 2014 - Bridgeton Landfill



Carbon Monoxide Data Map - October 2014 - Bridgeton Landfill



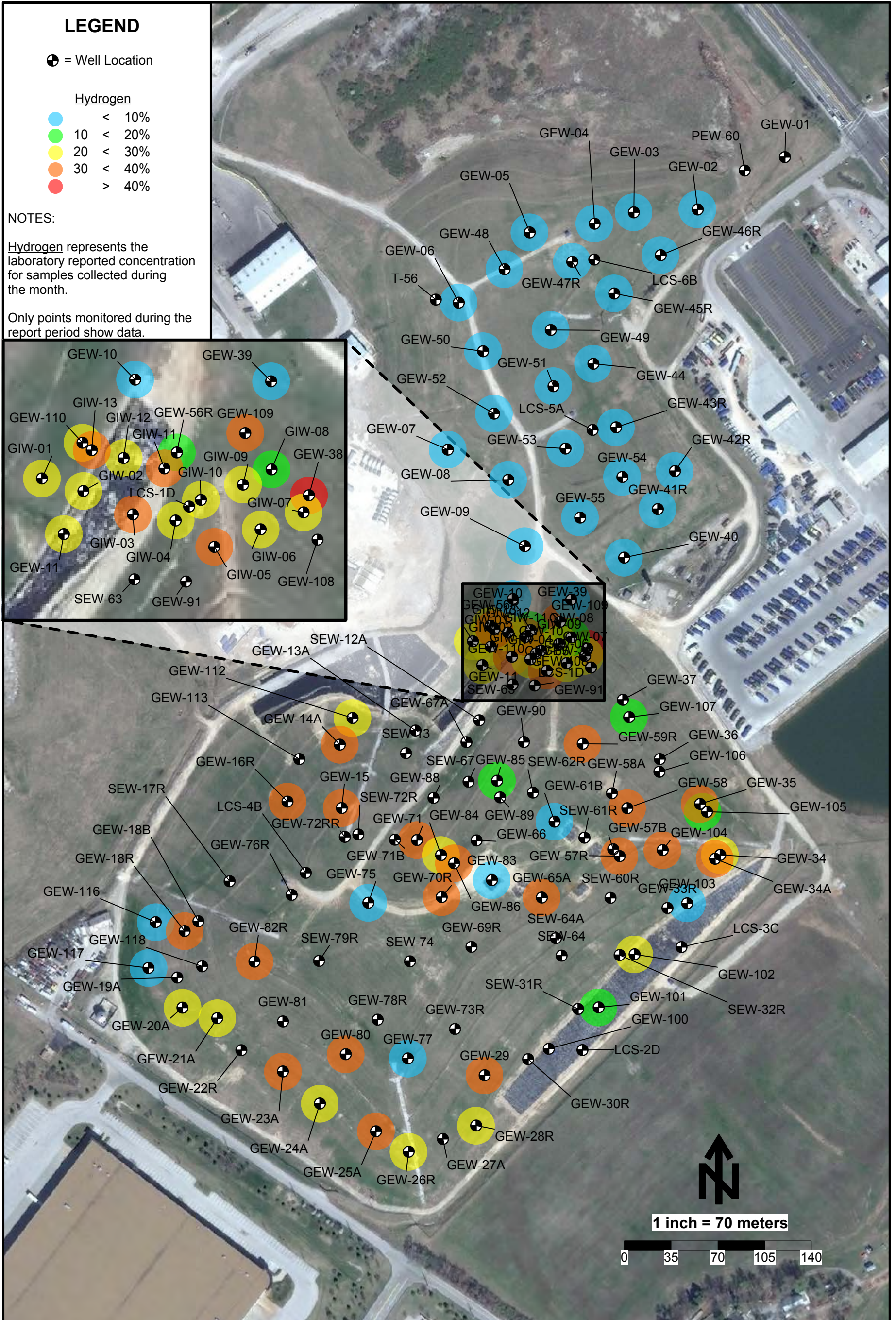
Carbon Monoxide Data Map - November 2014 - Bridgeton Landfill



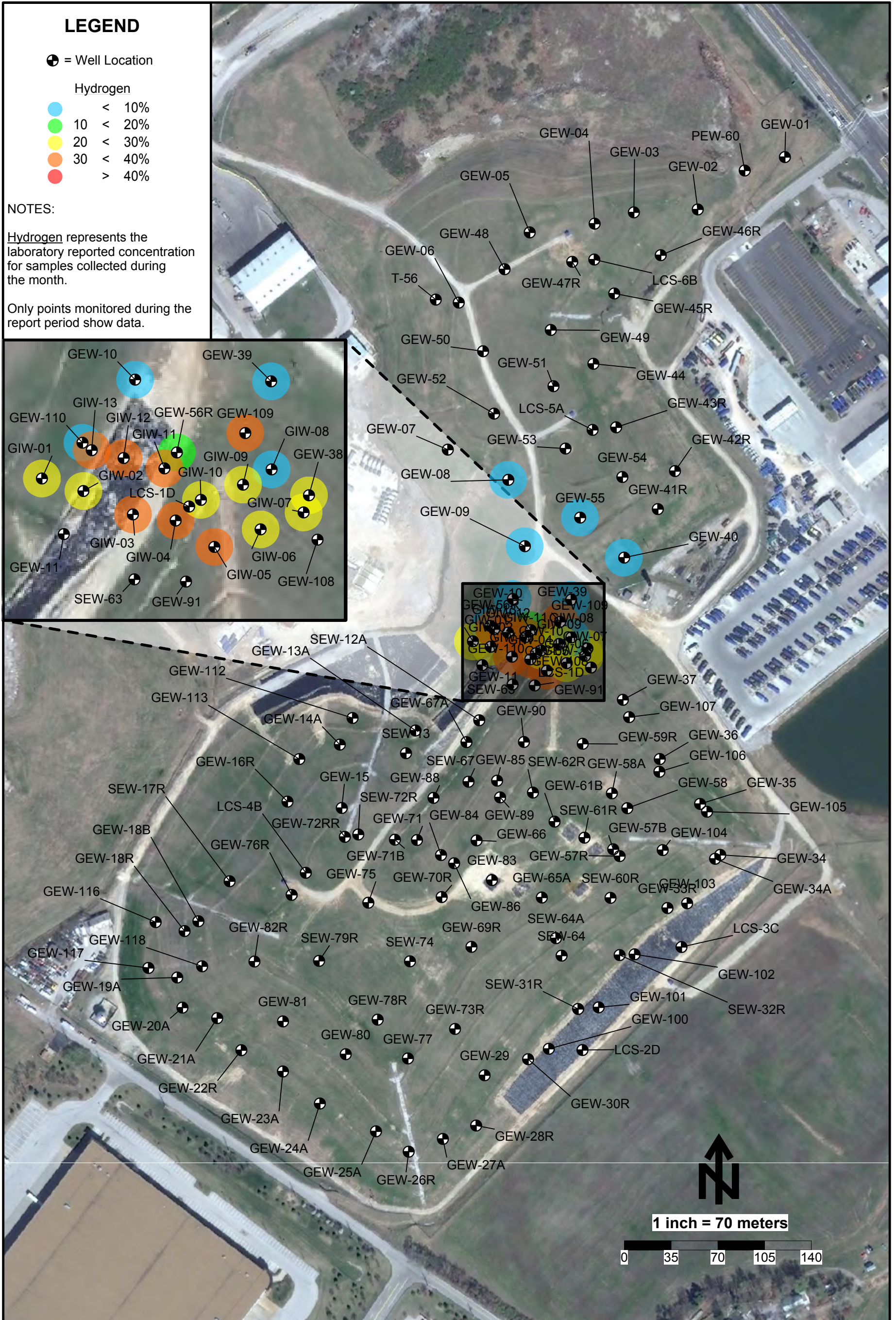
Carbon Monoxide Data Map - December 2014 - Bridgeton Landfill

ATTACHMENT D

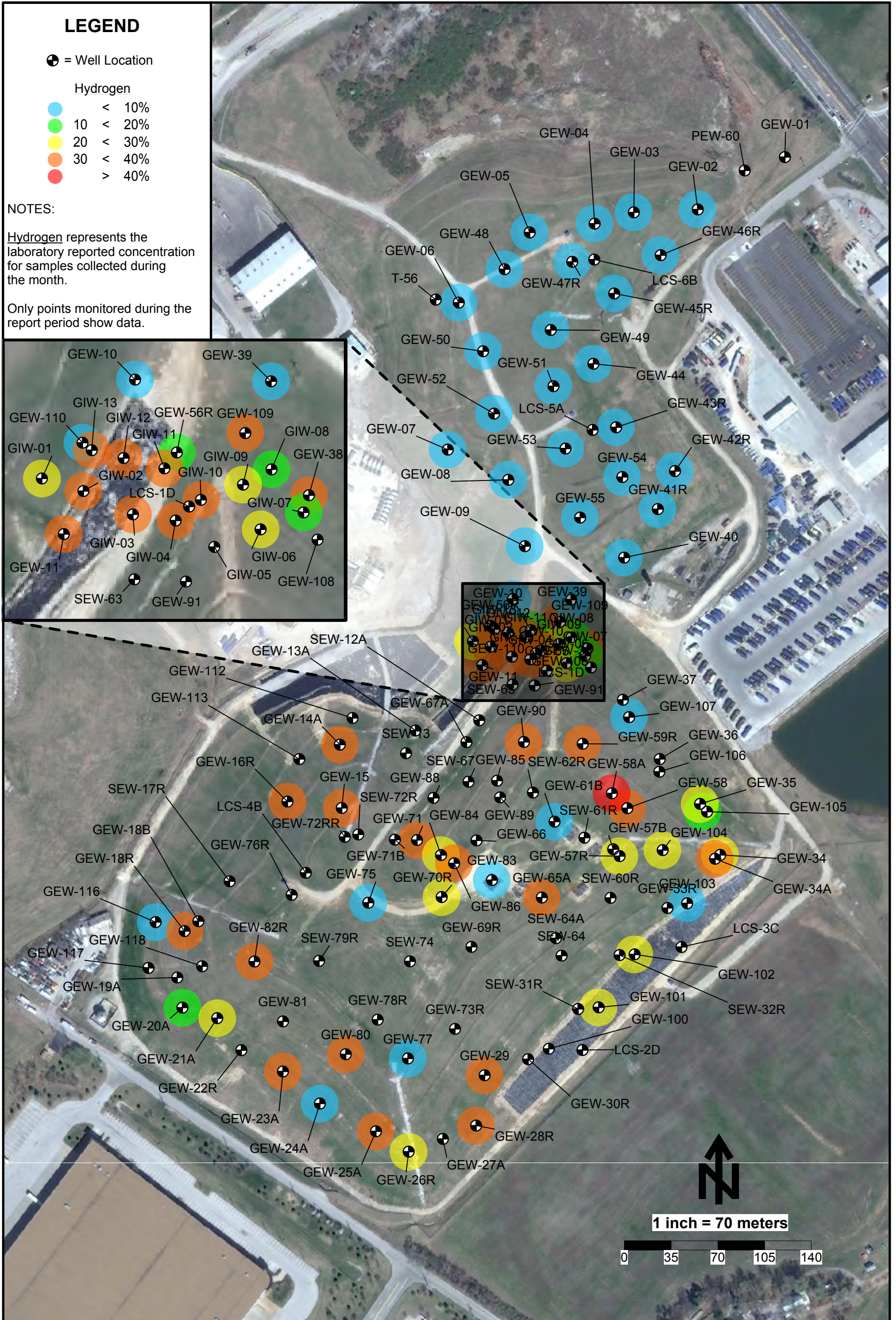
HYDROGEN MAPS



Hydrogen Data Map - September 2014 - Bridgeton Landfill



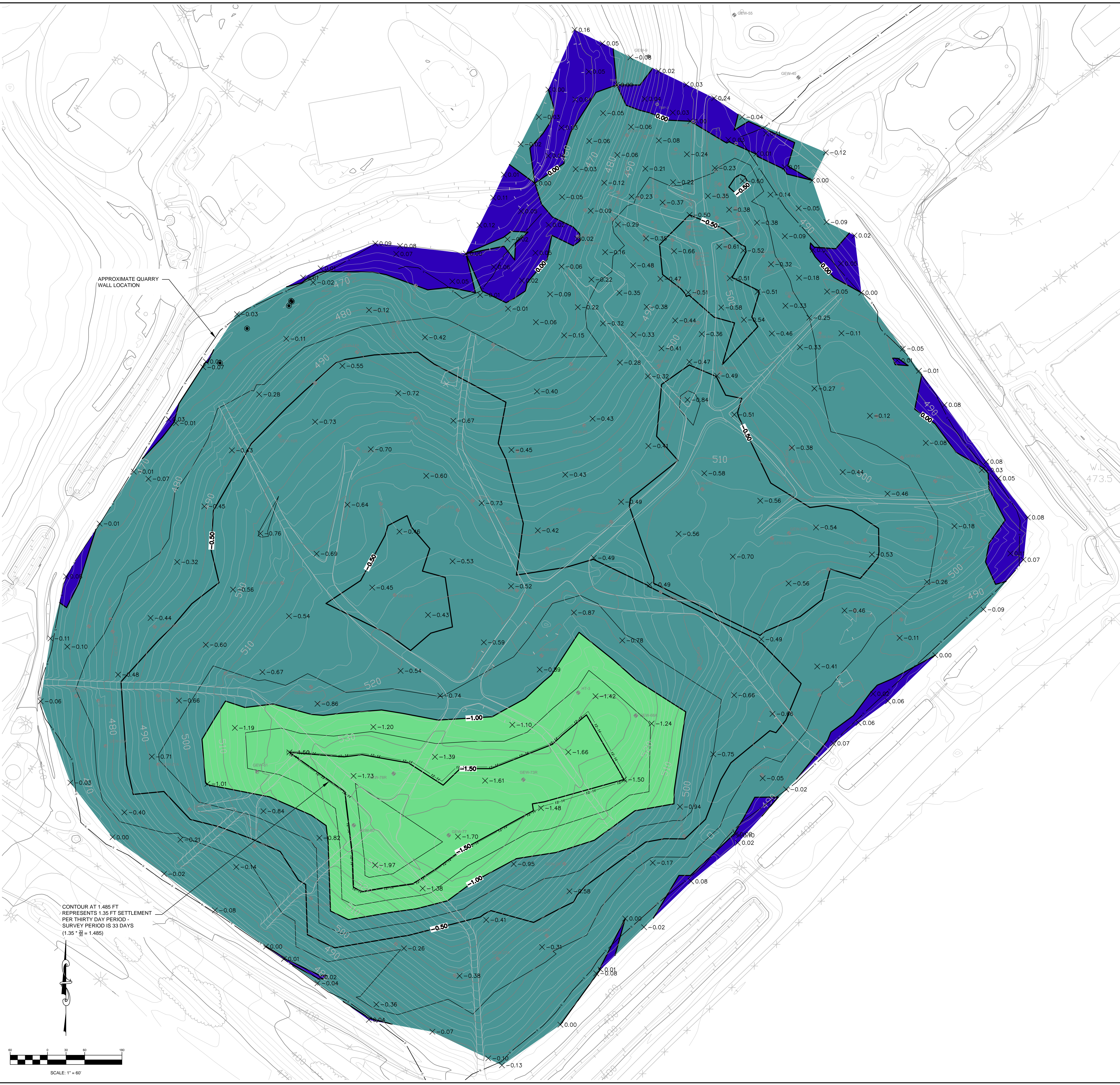
Hydrogen Data Map - October 2014 - Bridgeton Landfill



Hydrogen Data Map - November 2014 - Bridgeton Landfill

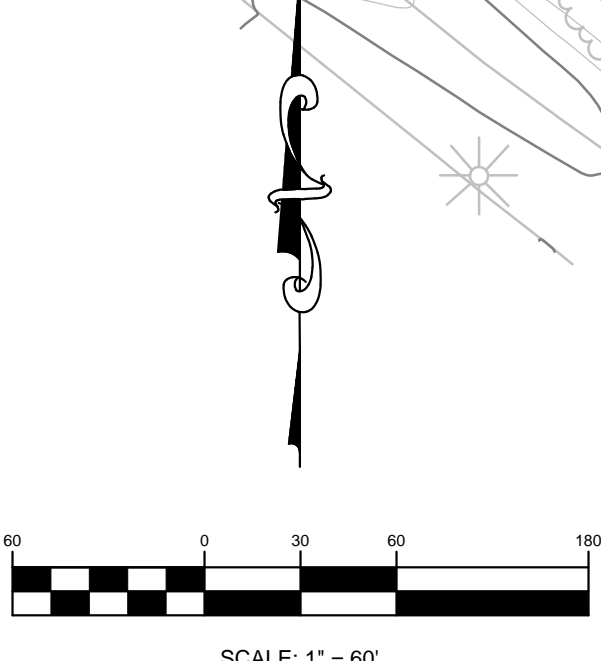
ATTACHMENT E

SETTLEMENT FRONT MAP



APPROXIMATE QUARRY WALL LOCATION

CONTOUR AT 1.485 FT REPRESENTS 1.35 FT SETTLEMENT PER THIRTY DAY PERIOD - SURVEY PERIOD IS 33 DAYS (1.35 * 1.485)



- LEGEND**
- TOPOGRAPHY (2' CONTOUR)
 - TOPOGRAPHY (10' CONTOUR)
 - ELEVATION CHANGE (0.25' CONTOUR)
 - ELEVATION CHANGE (0.50' CONTOUR)
 - DECEMBER 18, 2014 SETTLEMENT FRONT

GENERAL NOTES:
 1.) TOPOGRAPHY SHOWN BASED ON PHOTOGRAPHY DATED 3-20-2014.

- SETTLEMENT NOTES:**
- 1.) CONTOURS ARE OF CHANGE IN ELEVATION FROM TO 11/15/14 TO 12/18/14 PERFORMED AT GRID POINTS USING GPS METHODS.
 - 2.) SETTLEMENT IS REPORTED AS A NEGATIVE CHANGE IN ELEVATION.
 - 3.) ANY POINTS THAT WERE NOT A GROUND TO GROUND COMPARISON FROM THE PREVIOUS MONTH OR WERE NOT SURVEYED IN THE SAME LOCATION AS THE PREVIOUS MONTH HAVE BEEN FILTERED OUT.

| ELEVATION CHANGE (FEET) | | | | |
|-------------------------|----------------------|----------------------|---------------|-----------|
| Number | Minimum Elev. Change | Maximum Elev. Change | Area (sq.ft.) | Color |
| 1 | -5.00 | -4.00 | 0.00 | Blue |
| 2 | -4.00 | -3.00 | 0.00 | Purple |
| 3 | -3.00 | -2.00 | 0.00 | Yellow |
| 4 | -2.00 | -1.00 | 186617.07 | Green |
| 5 | -1.00 | 0.00 | 1263518.49 | Teal |
| 6 | 0.00 | 1.00 | 87379.25 | Dark Blue |

| | | | | |
|---|---|--|------------------|--------------|
| BRIDGETON LANDFILL, LLC 13670 SAINT CHARLES ROCK ROAD BRIDGETON, MISSOURI 63044 | BRIDGETON LANDFILL SETTLEMENT MONITORING | | DATE: DEC 2014 | DRAWING NO.: |
| | | | DESIGNED BY: DMK | 001 |
| SETTLEMENT FROM 11-15-14 TO 12-18-14 (33 DAYS) | | | APPROVED BY: ALK | |
| <small>PROJECT NUMBER: BT-021 FILE PATH: S:\BRIDGETON LANDFILL-05\SETTLEMENT DRAWINGS\DECEMBER 2014\SETTLEMENT NOVEMBER-DECEMBER 2014.DWG</small> | | | REVISION | DATE |

ATTACHMENT F

GAS WELLFIELD DATA

ATTACHMENT F-1

GEM DATA SPREADSHEET

December 2014 Wellfield Monitoring Data - Bridgeton Landfill

| Well Name | Date Sampled | Methane | CO ₂ | O ₂ | Balance Gas | Init Temp | Adj Temp | Init Flow | Adj Flow | Init Static Press | Adj Static Press | Init Diff Press | Adj Diff Press | System Pressure | Baro |
|------------------|------------------|---------|-----------------|----------------|-------------|-----------|----------|-----------|----------|-------------------|------------------|-----------------|----------------|-----------------|------|
| | | (%) | | | | °F | | scfm | | "H ₂ O | | | | "Hg | |
| North Quarry | | | | | | | | | | | | | | | |
| GEW-02 | 12/10/2014 9:34 | 44.0 | 33.6 | 0.1 | 22.3 | 123 | | 39 | 40 | -2.0 | -2.0 | 0.323 | 0.339 | -22.94 | |
| | 12/10/2014 9:42 | | | | | | | | | -0.2 | -0.2 | | | -23.49 | |
| | 12/10/2014 9:42 | | | | | | | | | -0.2 | -0.2 | | | -23.67 | |
| | 12/16/2014 10:11 | 57.6 | 40.0 | 0 | 2.4 | 41 | | 0 | 0 | 0.4 | 0.5 | 0 | 0 | -28.32 | |
| | 12/16/2014 10:12 | 56.8 | 41.2 | 0 | 2.0 | 40 | | 0 | 0 | 0.4 | 0.4 | 0 | 0 | -28.75 | |
| | 12/23/2014 14:15 | 54.7 | 42.9 | 0 | 2.4 | 56 | | 0 | 0 | 1.4 | 1.4 | 0 | 0 | -31.38 | |
| | 12/23/2014 14:24 | 55.1 | 42.4 | 0 | 2.5 | 114 | | 0 | 0 | 0.0 | 0.0 | 0 | 0 | -31.19 | |
| | 12/29/2014 14:43 | 41.8 | 37.1 | 0 | 21.1 | 121 | | 22 | 27 | -1.5 | -1.5 | 0.100 | 0.160 | -31.93 | |
| | 12/29/2014 14:45 | 41.6 | 36.1 | 0 | 22.3 | 119 | | 11 | 13 | -1.1 | -1.1 | 0.024 | 0.035 | -31.56 | |
| 12/31/2014 10:43 | 48.6 | 37.8 | 0 | 13.6 | 116 | | 16 | 14 | -0.1 | -0.1 | 0.055 | 0.040 | -32.35 | | |
| 12/31/2014 10:45 | 48.4 | 38.6 | 0 | 13.0 | 116 | | 17 | 14 | -0.1 | -0.1 | 0.062 | 0.040 | -31.99 | | |
| GEW-03 | 12/10/2014 9:29 | 55.9 | 39.7 | 0 | 4.4 | 38 | | 7 | 9 | -0.1 | -0.2 | 0.009 | 0.016 | -23.24 | |
| | 12/10/2014 9:30 | 55.7 | 40.9 | 0 | 3.4 | 37 | | 10 | 8 | 0.0 | 0.0 | 0.017 | 0.011 | -23.12 | |
| | 12/10/2014 9:31 | 55.7 | 41.1 | 0 | 3.2 | 37 | | 9 | 7 | 0.0 | 0.0 | 0.015 | 0.009 | -23.43 | |
| | 12/16/2014 10:15 | | | | | | | | | -0.2 | -0.1 | | | -28.44 | |
| | 12/16/2014 10:16 | | | | | | | | | -0.2 | -0.2 | | | -28.38 | |
| | 12/23/2014 14:50 | 55.1 | 41.4 | 0 | 3.5 | 57 | | 0 | 0 | 1.0 | 1.0 | 0 | 0 | -32.17 | |
| | 12/23/2014 14:56 | 54.8 | 41.5 | 0 | 3.7 | 110 | | 0 | 0 | 0.0 | 0.0 | 0 | 0 | -30.09 | |
| | 12/29/2014 14:36 | 43.8 | 36.6 | 0 | 19.6 | 116 | | 29 | 29 | -1.9 | -1.8 | 0.183 | 0.183 | -30.52 | |
| | 12/29/2014 14:37 | 43.6 | 36.6 | 0 | 19.8 | 113 | | 0 | 0 | -1.4 | -1.4 | 0 | 0 | -31.31 | |
| 12/31/2014 10:38 | 45.3 | 36.5 | 0 | 18.2 | 108 | | 0 | 0 | -0.3 | -0.3 | 0 | 0 | -31.50 | | |
| 12/31/2014 10:40 | 45.6 | 36.4 | 0 | 18.0 | 104 | | 0 | 0 | -0.2 | -0.2 | 0 | 0 | -32.29 | | |
| GEW-04 | 12/10/2014 9:24 | 54.2 | 39.3 | 0.1 | 6.4 | 36 | | 13 | 29 | -0.1 | -0.1 | 0.030 | 0.151 | -23.18 | |
| | 12/10/2014 9:25 | 55.1 | 37.6 | 0 | 7.3 | 36 | | 10 | 10 | 0.1 | 0.1 | 0.020 | 0.020 | -23.36 | |
| | 12/10/2014 9:26 | 54.0 | 38.8 | 0 | 7.2 | 36 | | 10 | 10 | 0.1 | 0.1 | 0.020 | 0.018 | -23.36 | |
| | 12/16/2014 10:27 | | | | | | | | | -0.3 | -0.3 | | | -28.75 | |
| | 12/16/2014 10:27 | | | | | | | | | -0.2 | -0.3 | | | -28.81 | |
| | 12/23/2014 15:00 | 47.9 | 39.4 | 0 | 12.7 | 58 | | 0 | 0 | 0.7 | 0.7 | 0 | 0 | -31.38 | |
| | 12/23/2014 15:05 | 48.8 | 38.9 | 0 | 12.3 | 105 | | 0 | 0 | 0.0 | 0.0 | 0 | 0 | -30.89 | |
| | 12/29/2014 14:33 | 46.1 | 38.3 | 0 | 15.6 | 116 | | 29 | 26 | -1.1 | -1.1 | 0.174 | 0.143 | -31.31 | |
| | 12/29/2014 14:34 | 46.8 | 37.6 | 0.1 | 15.5 | 116 | | 0 | 5 | -1.0 | -1.0 | 0 | 0.006 | -31.44 | |
| 12/31/2014 10:34 | 49.7 | 35.7 | 0 | 14.6 | 112 | | 20 | 17 | -0.4 | -0.4 | 0.084 | 0.064 | -31.38 | | |
| 12/31/2014 10:35 | 50.1 | 35.6 | 0 | 14.3 | 111 | | 0 | 0 | -0.3 | -0.3 | 0 | 0 | -32.23 | | |
| GEW-05 | 12/16/2014 10:41 | 49.9 | 36.3 | 0 | 13.8 | 90 | | 17 | 16 | -0.6 | -0.6 | 0.058 | 0.050 | -29.72 | |
| | 12/16/2014 10:42 | 52.2 | 38.1 | 0 | 9.7 | 87 | | 0 | 0 | -0.5 | -0.5 | 0 | 0 | -29.11 | |
| GEW-06 | 12/16/2014 10:47 | 51.8 | 39.6 | 0 | 8.6 | 82 | | 13 | 12 | -0.9 | -0.9 | 0.035 | 0.027 | -28.81 | |
| | 12/16/2014 10:48 | 52.8 | 39.2 | 0 | 8.0 | 80 | | 11 | 9 | -0.7 | -0.7 | 0.024 | 0.017 | -29.36 | |
| GEW-07 | 12/16/2014 14:08 | 55.4 | 38.0 | 0 | 6.6 | 94 | | 12 | 12 | -4.0 | -4.0 | 0.027 | 0.032 | -29.60 | |
| | 12/16/2014 14:09 | 55.0 | 41.5 | 0 | 3.5 | 91 | | 7 | 8 | -2.6 | -2.6 | 0.011 | 0.012 | -29.72 | |
| GEW-08 | 12/4/2014 10:58 | 50.0 | 46.3 | 0 | 3.7 | 114 | | 18 | 18 | -0.5 | -0.5 | 0.068 | 0.068 | -29.42 | |
| | 12/9/2014 14:35 | 51.1 | 43.8 | 0 | 5.1 | 112 | | 28 | 29 | -0.1 | -0.1 | 0.167 | 0.171 | -22.32 | |
| | 12/9/2014 14:39 | 51.4 | 42.4 | 0 | 6.2 | 112 | | 17 | 17 | 0.0 | 0.0 | 0.058 | 0.057 | -22.87 | |
| | 12/15/2014 15:32 | 50.8 | 43.3 | 0 | 5.9 | 115 | | 14 | 14 | 0.2 | 0.2 | 0.043 | 0.043 | -28.99 | |
| | 12/15/2014 15:34 | 50.2 | 45.0 | 0 | 4.8 | 115 | | 22 | 18 | 0.0 | 0.0 | 0.100 | 0.072 | -32.05 | |
| | 12/22/2014 17:05 | 50.4 | 49.5 | 0 | 0.1 | 102 | 102 | 25 | 26 | -0.2 | -0.2 | 0.168 | 0.180 | -28.33 | |
| 12/29/2014 14:07 | 49.7 | 44.0 | 0 | 6.3 | 115 | | 15 | 15 | -0.7 | -0.7 | 0.048 | 0.047 | -31.74 | | |

December 2014 Wellfield Monitoring Data - Bridgeton Landfill

| Well Name | Date Sampled | Methane | CO ₂ | O ₂ | Balance Gas | Init Temp | Adj Temp | Init Flow | Adj Flow | Init Static Press | Adj Static Press | Init Diff Press | Adj Diff Press | System Pressure | Baro |
|------------------|------------------|---------|-----------------|----------------|-------------|-----------|----------|-----------|----------|-------------------|------------------|-----------------|----------------|-----------------|------|
| | | (%) | | | | °F | | scfm | | "H ₂ O | | | | | "Hg |
| GEW-09 | 12/4/2014 10:53 | 51.3 | 41.1 | 0.1 | 7.5 | 117 | | 19 | 19 | -0.5 | -0.5 | 0.075 | 0.077 | -20.00 | |
| | 12/9/2014 14:44 | 49.8 | 42.3 | 0 | 7.9 | 115 | | 17 | 17 | -0.5 | -0.5 | 0.062 | 0.059 | -17.55 | |
| | 12/9/2014 14:50 | 50.5 | 39.5 | 0 | 10.0 | 116 | | 17 | 18 | -0.5 | -0.5 | 0.064 | 0.065 | -17.55 | |
| | 12/15/2014 15:36 | 49.0 | 43.8 | 0 | 7.2 | 120 | | 18 | 20 | -0.6 | -0.6 | 0.065 | 0.084 | -22.45 | |
| | 12/22/2014 17:08 | 50.1 | 47.2 | 0 | 2.7 | 105 | 105 | 29 | 27 | -0.9 | -1.0 | 0.216 | 0.188 | -19.68 | |
| | 12/29/2014 14:02 | 42.6 | 40.3 | 0 | 17.1 | 116 | | 25 | 17 | -1.4 | -1.4 | 0.128 | 0.061 | -23.73 | |
| | 12/29/2014 14:03 | 43.0 | 40.2 | 0 | 16.8 | 115 | | 19 | 21 | -1.1 | -1.1 | 0.079 | 0.090 | -22.81 | |
| GEW-40 | 12/5/2014 10:02 | 56.2 | 41.4 | 0 | 2.4 | 88 | | 13 | 14 | -0.5 | -0.5 | 0.037 | 0.038 | -26.12 | |
| | 12/9/2014 14:19 | 54.2 | 42.5 | 0.2 | 3.1 | 86 | | 18 | 16 | -0.5 | -0.5 | 0.069 | 0.050 | -22.81 | |
| | 12/9/2014 14:23 | 54.3 | 41.8 | 0.1 | 3.8 | 87 | | 37 | 37 | -0.5 | -0.5 | 0.268 | 0.268 | -23.43 | |
| | 12/15/2014 15:03 | 54.9 | 40.5 | 0.1 | 4.5 | 91 | | 22 | 19 | -0.6 | -0.6 | 0.096 | 0.076 | -29.91 | |
| | 12/15/2014 15:05 | 54.9 | 41.9 | 0 | 3.2 | 89 | | 0 | 0 | -0.2 | -0.2 | 0 | 0 | -28.32 | |
| | 12/22/2014 16:39 | 52.2 | 47.7 | 0 | 0.1 | 92 | 92 | 36 | 37 | 0 | 0 | 0.332 | 0.345 | -27.78 | |
| | 12/22/2014 16:40 | 52.1 | 47.8 | 0 | 0.1 | 92 | 92 | 37 | 37 | -0.1 | -0.1 | 0.342 | 0.348 | -28.12 | |
| 12/29/2014 14:23 | 53.6 | 41.3 | 0.2 | 4.9 | 86 | | 8 | 8 | -0.4 | -0.4 | 0.013 | 0.012 | -31.80 | | |
| GEW-41R | 12/5/2014 10:00 | 54.7 | 39.5 | 0 | 5.8 | 102 | | 22 | 21 | -0.7 | -0.6 | 0.097 | 0.093 | -26.42 | |
| | 12/10/2014 10:03 | 52.6 | 40.5 | 0 | 6.9 | 100 | | 14 | 19 | -0.6 | -0.6 | 0.043 | 0.078 | -24.95 | |
| | 12/15/2014 15:07 | 53.6 | 40.1 | 0 | 6.3 | 102 | | 25 | 20 | -0.6 | -0.6 | 0.128 | 0.079 | -29.42 | |
| | 12/15/2014 15:08 | 55.5 | 40.1 | 0 | 4.4 | 103 | | 21 | 15 | -0.5 | -0.5 | 0.090 | 0.049 | -33.33 | |
| | 12/22/2014 16:42 | 54.6 | 45.3 | 0 | 0.1 | 106 | 106 | 34 | 35 | -0.1 | -0.1 | 0.299 | 0.311 | -26.31 | |
| | 12/29/2014 14:19 | 48.4 | 40.7 | 0 | 10.9 | 100 | | 13 | 15 | -0.6 | -0.6 | 0.033 | 0.046 | -32.48 | |
| | 12/29/2014 14:21 | 49.7 | 38.5 | 0 | 11.8 | 99 | | 0 | 0 | -0.4 | -0.4 | 0 | 0 | -32.84 | |
| GEW-42R | 12/15/2014 15:10 | 56.4 | 39.4 | 0 | 4.2 | 61 | | 10 | 10 | -0.1 | -0.1 | 0.020 | 0.020 | -30.89 | |
| GEW-43R | 12/5/2014 9:57 | 52.2 | 42.7 | 0.2 | 4.9 | 124 | | 31 | 24 | -0.5 | -0.6 | 0.209 | 0.120 | -26.06 | |
| | 12/10/2014 9:56 | 53.2 | 38.3 | 0.4 | 8.1 | 124 | | 24 | 21 | -0.6 | -0.6 | 0.122 | 0.097 | -23.91 | |
| | 12/15/2014 15:14 | 54.9 | 39.8 | 0 | 5.3 | 119 | | 26 | 26 | -0.3 | -0.3 | 0.145 | 0.145 | -29.05 | |
| | 12/22/2014 16:46 | 54.3 | 45.6 | 0 | 0.1 | 125 | 125 | 29 | 27 | -0.1 | -0.2 | 0.218 | 0.193 | -28.33 | |
| | 12/29/2014 14:14 | 48.8 | 39.7 | 0.2 | 11.3 | 123 | | 22 | 22 | -0.8 | -0.8 | 0.104 | 0.100 | -31.68 | |
| GEW-44 | 12/16/2014 9:14 | | | | | | | | | -0.9 | -0.9 | | | -14.62 | |
| | 12/16/2014 9:16 | | | | | | | | | -0.8 | -0.8 | | | -14.19 | |
| | 12/16/2014 9:51 | | | | | | | | | -0.7 | -0.7 | | 0 | -27.03 | |
| | 12/16/2014 9:52 | | | | | | | | | -0.7 | -0.7 | | | -27.16 | |
| | 12/18/2014 8:09 | 55.9 | 36.6 | 0 | 7.5 | 38 | | 0 | 0 | -0.2 | -0.2 | 0 | 0 | -28.87 | |
| GEW-45R | 12/16/2014 9:21 | 51.5 | 34.4 | 0.1 | 14.0 | 82 | | 0 | 0 | -4.5 | -4.5 | 0 | 0 | -13.39 | |
| | 12/16/2014 9:22 | 51.6 | 34.3 | 0 | 14.1 | 81 | | 0 | 0 | -3.7 | -3.7 | 0 | 0 | -13.27 | |
| | 12/16/2014 9:58 | 52.2 | 33.9 | 0.1 | 13.8 | 86 | | 36 | 35 | -5.0 | -5.0 | 0.268 | 0.256 | -28.32 | |
| | 12/16/2014 9:59 | 52.2 | 34.1 | 0 | 13.7 | 85 | | 0 | 0 | -2.8 | -2.8 | 0 | 0 | -28.62 | |
| | 12/16/2014 10:04 | | | | | | | | | -0.1 | -0.1 | | | -28.44 | |
| GEW-46R | 12/16/2014 10:04 | | | | | | | | | -0.1 | -0.1 | | | -29.36 | |
| | 12/18/2014 7:58 | 58.8 | 38.1 | 0 | 3.1 | 103 | | 29 | 26 | -1.0 | -1.0 | 0.172 | 0.139 | -28.93 | |
| | 12/18/2014 8:00 | | | | | | | | | -0.3 | -0.3 | | | -29.72 | |
| | 12/18/2014 8:01 | | | | | | | | | -0.3 | -0.3 | | | -29.30 | |
| | 12/23/2014 14:36 | 56.5 | 40.8 | 0 | 2.7 | 58 | | 0 | 0 | 0.8 | 0.8 | 0 | 0 | -31.38 | |
| | 12/23/2014 14:47 | 56.3 | 40.7 | 0 | 3.0 | 101 | | 0 | 0 | -0.1 | 0.0 | 0 | 0 | -30.64 | |
| | 12/29/2014 14:40 | 46.0 | 37.3 | 0 | 16.7 | 96 | | 15 | 17 | -1.2 | -1.2 | 0.046 | 0.056 | -31.56 | |
| | 12/29/2014 14:41 | 49.6 | 38.7 | 0 | 11.7 | 95 | | 8 | 11 | -1.1 | -1.1 | 0.012 | 0.024 | -31.80 | |
| | 12/31/2014 10:48 | 46.0 | 37.5 | 0 | 16.5 | 88 | | 10 | 9 | -0.2 | -0.2 | 0.018 | 0.015 | -32.29 | |
| | 12/31/2014 10:50 | 45.9 | 38.0 | 0 | 16.1 | 91 | | 11 | 9 | -0.2 | -0.2 | 0.023 | 0.015 | -32.78 | |

December 2014 Wellfield Monitoring Data - Bridgeton Landfill

| Well Name | Date Sampled | Methane | CO ₂ | O ₂ | Balance Gas | Init Temp | Adj Temp | Init Flow | Adj Flow | Init Static Press | Adj Static Press | Init Diff Press | Adj Diff Press | System Pressure | Baro |
|------------------|------------------|---------|-----------------|----------------|-------------|-----------|----------|-----------|----------|-------------------|------------------|-----------------|----------------|-----------------|------|
| | | (%) | | | | °F | | scfm | | "H ₂ O | | | | | "Hg |
| GEW-47R | 12/16/2014 10:36 | 48.2 | 35.0 | 0.9 | 15.9 | 106 | | 40 | 39 | -0.4 | -0.5 | 0.326 | 0.317 | -29.60 | |
| | 12/16/2014 10:37 | 47.3 | 36.6 | 0.8 | 15.3 | 103 | | 33 | 33 | -0.4 | -0.4 | 0.229 | 0.229 | -29.66 | |
| GEW-48 | 12/16/2014 10:44 | 53.9 | 37.6 | 0 | 8.5 | 100 | | 18 | 20 | -0.9 | -0.9 | 0.067 | 0.084 | -29.24 | |
| | 12/16/2014 10:45 | 54.2 | 40.0 | 0 | 5.8 | 98 | | 0 | 0 | -0.7 | -0.6 | 0 | 0 | -29.42 | |
| GEW-49 | 12/16/2014 13:54 | 51.4 | 37.7 | 0.3 | 10.6 | 41 | | 13 | 12 | 0 | 0.0 | 0.030 | 0.027 | -27.89 | |
| | 12/16/2014 13:57 | 53.8 | 36.5 | 0 | 9.7 | 41 | | 12 | 12 | 0.0 | 0.0 | 0.025 | 0.025 | -26.73 | |
| GEW-50 | 12/16/2014 10:52 | 55.5 | 40.1 | 0 | 4.4 | 102 | | 14 | 14 | -0.8 | -0.8 | 0.038 | 0.038 | -20.98 | |
| | 12/16/2014 10:53 | 55.0 | 42.1 | 0 | 2.9 | 101 | | 0 | 0 | -0.7 | -0.7 | 0 | 0 | -23.43 | |
| GEW-51 | 12/16/2014 14:00 | 54.0 | 39.1 | 0 | 6.9 | 114 | | 16 | 20 | -0.9 | -0.9 | 0.056 | 0.081 | -29.36 | |
| | 12/16/2014 14:01 | 53.2 | 40.4 | 0 | 6.4 | 111 | | 11 | 5 | -0.6 | -0.6 | 0.027 | 0.006 | -28.81 | |
| GEW-52 | 12/16/2014 14:04 | 48.2 | 38.6 | 0 | 13.2 | 103 | | 13 | 12 | -0.4 | -0.4 | 0.033 | 0.032 | -29.36 | |
| | 12/16/2014 14:05 | 48.9 | 37.7 | 0 | 13.4 | 100 | | 9 | 9 | -0.2 | -0.2 | 0.018 | 0.015 | -29.36 | |
| GEW-53 | 12/4/2014 11:02 | 50.1 | 42.9 | 0 | 7.0 | 128 | | 19 | 19 | -0.4 | -0.4 | 0.074 | 0.078 | -31.62 | |
| | 12/10/2014 9:59 | 51.2 | 38.6 | 0 | 10.2 | 126 | | 0 | 0 | -0.6 | -0.6 | 0 | 0 | -23.30 | |
| | 12/15/2014 15:23 | 50.0 | 41.4 | 0 | 8.6 | 130 | | 24 | 22 | -0.1 | -0.1 | 0.129 | 0.108 | -29.60 | |
| | 12/22/2014 16:59 | 52.0 | 47.9 | 0 | 0.1 | 0 | 129 | 29 | 26 | -0.3 | -0.3 | 0.179 | 0.187 | -28.70 | |
| | 12/29/2014 14:10 | 49.1 | 43.1 | 0 | 7.8 | 135 | | 21 | 20 | -1.4 | -1.4 | 0.100 | 0.087 | -31.74 | |
| | 12/29/2014 14:10 | 49.2 | 42.8 | 0 | 8.0 | 135 | | 21 | 21 | -1.2 | -1.2 | 0.096 | 0.096 | -32.11 | |
| GEW-54 | 12/5/2014 11:01 | 51.5 | 44.1 | 0.1 | 4.3 | 133 | | 16 | 11 | -0.7 | -0.6 | 0.058 | 0.027 | -26.30 | |
| | 12/5/2014 11:02 | 51.5 | 43.0 | 0 | 5.5 | 133 | | 10 | 6 | -0.7 | -0.6 | 0.021 | 0.008 | -26.30 | |
| | 12/10/2014 10:01 | 52.0 | 40.0 | 0 | 8.0 | 132 | | 29 | 28 | -1.0 | -1.0 | 0.180 | 0.169 | -24.53 | |
| | 12/10/2014 10:01 | 51.6 | 41.1 | 0 | 7.3 | 132 | | 38 | 38 | -1.0 | -1.0 | 0.318 | 0.318 | -23.24 | |
| | 12/15/2014 15:17 | 51.3 | 41.5 | 0 | 7.2 | 134 | | 20 | 24 | -0.7 | -0.7 | 0.085 | 0.123 | -31.80 | |
| | 12/15/2014 15:18 | 50.4 | 42.8 | 0 | 6.8 | 134 | | 23 | 23 | -0.6 | -0.6 | 0.116 | 0.114 | -32.72 | |
| | 12/22/2014 16:50 | 53.0 | 46.9 | 0 | 0.1 | 69 | 69 | 20 | 20 | 0.9 | 0.9 | 0.099 | 0.100 | -25.51 | |
| | 12/22/2014 16:52 | 52.4 | 47.5 | 0 | 0.1 | 140 | 140 | 28 | 26 | -0.1 | -0.1 | 0.216 | 0.193 | -25.85 | |
| | 12/29/2014 14:17 | 52.3 | 40.0 | 0 | 7.7 | 133 | | 31 | 31 | -1.2 | -1.2 | 0.209 | 0.209 | -30.83 | |
| 12/29/2014 14:17 | 51.9 | 42.2 | 0 | 5.9 | 133 | | 20 | 16 | -1.2 | -1.1 | 0.091 | 0.056 | -31.93 | | |
| GEW-55 | 12/5/2014 10:04 | 52.6 | 42.6 | 0 | 4.8 | 117 | | 0 | 0 | 0.0 | 0.0 | 0 | 0 | -26.73 | |
| | 12/9/2014 14:27 | 52.1 | 41.9 | 0 | 6.0 | 111 | | 0 | 0 | -0.1 | -0.1 | 0 | 0 | -24.34 | |
| | 12/9/2014 14:31 | 53.1 | 40.3 | 0 | 6.6 | 111 | | 0 | 0 | -0.2 | -0.1 | 0 | 0 | -24.34 | |
| | 12/15/2014 15:27 | 51.2 | 42.4 | 0 | 6.4 | 119 | | 0 | 0 | 0.1 | 0.2 | 0 | 0 | -29.72 | |
| | 12/15/2014 15:29 | 51.5 | 42.5 | 0 | 6.0 | 121 | | 0 | 0 | 0.0 | -0.1 | 0 | 0 | -27.52 | |
| | 12/22/2014 17:02 | 52.2 | 47.7 | 0 | 0.1 | 118 | 118 | 26 | 26 | -1.4 | -1.4 | 0.185 | 0.188 | -27.35 | |
| | 12/29/2014 14:26 | 51.6 | 40.5 | 0.1 | 7.8 | 124 | | 24 | 23 | -2.2 | -2.3 | 0.128 | 0.117 | -29.79 | |
| 12/29/2014 14:27 | 52.2 | 41.3 | 0.1 | 6.4 | 123 | | 13 | 17 | -1.6 | -1.6 | 0.038 | 0.064 | -31.07 | | |
| LCS-5A | 12/15/2014 15:20 | 53.4 | 42.8 | 0 | 3.8 | 98 | | | | -28.7 | -28.7 | 28.659 | 28.623 | -28.44 | |
| LCS-6B | 12/16/2014 10:31 | 54.1 | 37.3 | 1.1 | 7.5 | 46 | | 16 | 15 | -2.0 | -2.0 | 0.046 | 0.041 | -28.93 | |
| | 12/16/2014 10:32 | 53.9 | 38.3 | 1.2 | 6.6 | 47 | | 10 | 10 | -2.0 | -2.0 | 0.020 | 0.018 | -28.56 | |
| PEW-60 | 12/10/2014 9:48 | 63.1 | 32.4 | 0.6 | 3.9 | 40 | | 0 | 4 | -23.9 | -23.5 | 0 | 0.003 | -24.16 | |
| | 12/10/2014 9:51 | 22.7 | 17.7 | 13.8 | 45.8 | 39 | | 15 | 11 | 8.0 | 8.4 | 0.041 | 0.023 | -24.10 | |
| | 12/10/2014 9:52 | 26.9 | 16.5 | 12.7 | 43.9 | 39 | | 15 | 31 | 12.8 | 12.2 | 0.037 | 0.167 | -23.91 | |
| | 12/16/2014 10:08 | 60.4 | 38.1 | 0 | 1.5 | 39 | | 31 | 19 | 43.9 | 44.0 | 0.146 | 0.053 | -28.44 | |
| | 12/16/2014 10:08 | 59.5 | 39.0 | 0 | 1.5 | 39 | | 30 | 17 | 45.4 | 45.4 | 0.134 | 0.043 | -28.93 | |
| | 12/23/2014 13:56 | 59.4 | 38.8 | 0 | 1.8 | 56 | | 0 | 0 | 45.4 | 46.0 | 0 | 0 | -31.62 | |
| | 12/23/2014 14:10 | 60.5 | 37.9 | 0 | 1.6 | 56 | | 0 | 0 | -0.4 | -0.3 | 0 | 0 | -31.38 | |
| | 12/29/2014 14:47 | 54.5 | 38.9 | 0 | 6.6 | 58 | | 16 | 18 | 37.6 | 38.0 | 0.041 | 0.053 | -31.44 | |
| | 12/29/2014 14:50 | 61.0 | 36.7 | 0 | 2.3 | 60 | | 0 | 0 | -1.3 | -1.6 | 0 | 0 | -32.11 | |
| 12/31/2014 10:55 | 57.6 | 40.8 | 0.2 | 1.4 | 42 | | 0 | 24 | -20.5 | -20.9 | 0 | 0.120 | -32.35 | | |
| 12/31/2014 10:56 | 58.7 | 40.0 | 0.1 | 1.2 | 44 | | 4 | 5 | -12.2 | -12.2 | 0.004 | 0.005 | -32.35 | | |

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| Well Name | Date Sampled | Methane | CO ₂ | O ₂ | Balance Gas | Init Temp | Adj Temp | Init Flow | Adj Flow | Init Static Press | Adj Static Press | Init Diff Press | Adj Diff Press | System Pressure | Baro |
|------------------|------------------|---------|-----------------|----------------|-------------|-----------|----------|-----------|----------|-------------------|------------------|-----------------|----------------|-----------------|-------|
| | | (%) | | | | °F | | scfm | | "H ₂ O | | | | "Hg | |
| South Quarry | | | | | | | | | | | | | | | |
| GEW-10 | 12/4/2014 10:44 | 56.0 | 44.0 | 0 | 0 | 37 | | | | 10.6 | 10.6 | 0 | 0 | -18.65 | |
| | 12/4/2014 10:46 | 57.2 | 42.6 | 0 | 0.2 | 47 | | | | -0.1 | -0.1 | 0 | 0 | -17.06 | |
| | 12/8/2014 11:42 | 43.0 | 33.4 | 3.9 | 19.7 | 63 | | | | -16.5 | -16.9 | 16.584 | 16.566 | -18.53 | |
| | 12/8/2014 11:47 | 45.1 | 32.7 | 3.7 | 18.5 | 63 | | | | -16.9 | -16.5 | 16.758 | 16.584 | -18.23 | |
| | 12/15/2014 14:42 | 38.5 | 42.6 | 3.6 | 15.3 | 82 | | | | -20.9 | -20.5 | 20.771 | 20.478 | -20.86 | |
| | 12/15/2014 14:45 | 40.1 | 40.9 | 3.5 | 15.5 | 77 | | | | -0.6 | -0.7 | 0.655 | 0.652 | -20.73 | |
| | 12/22/2014 16:33 | 53.6 | 46.3 | 0 | 0.1 | 61 | 61 | | | 3.0 | 3.0 | -2.947 | -2.956 | -15.89 | 28.97 |
| 12/22/2014 16:35 | 55.0 | 44.9 | 0 | 0.1 | 77 | 77 | 106 | 108 | -2.4 | -2.5 | 2.564 | 2.647 | -15.34 | 28.97 | |
| 12/29/2014 14:00 | 42.1 | 45.8 | 1.9 | 10.2 | 86 | | | | -10.8 | -10.8 | 10.946 | 10.927 | -19.63 | | |
| GEW-11 | 12/16/2014 11:34 | 1.5 | 72.0 | 0 | 26.5 | 189 | 189 | 158 | 155 | -9.3 | -9.2 | 9.471 | 9.084 | -19.62 | 29.49 |
| GEW-14A | 12/16/2014 11:50 | 0.3 | 61.4 | 2.6 | 35.7 | 55 | 55 | 237 | 234 | -16.0 | -15.7 | 16.097 | 15.763 | -16.65 | 29.49 |
| GEW-15 | 12/16/2014 14:06 | 0.3 | 66.7 | 0 | 33.0 | 198 | 198 | 174 | 164 | -10.9 | -11.0 | 11.394 | 10.112 | -10.76 | 29.52 |
| GEW-16R | 12/16/2014 14:02 | 0.5 | 68.4 | 0 | 31.1 | 200 | 200 | 117 | 139 | -5.9 | -7.0 | 5.194 | 7.310 | -7.47 | 29.51 |
| GEW-18R | 12/16/2014 16:06 | 0.7 | 40.5 | 3.7 | 55.1 | 192 | | | | -6.4 | -5.8 | 6.288 | 5.618 | -10.52 | |
| | 12/16/2014 16:07 | 0.5 | 49.6 | 3.5 | 46.4 | 192 | | | | -3.4 | -2.2 | 3.489 | 2.704 | -10.03 | |
| GEW-20A | 12/16/2014 15:57 | 0.1 | 16.1 | 17.7 | 66.1 | 37 | | | | -7.8 | -6.0 | 7.657 | 5.985 | -7.58 | |
| | 12/16/2014 15:57 | 0.2 | 14.5 | 17.7 | 67.6 | 38 | | | | -5.4 | -5.3 | 5.398 | 5.196 | -5.57 | |
| GEW-21A | 12/16/2014 15:29 | 1.2 | 45.5 | 10.1 | 43.2 | 46 | | | | -5.1 | -6.6 | 4.978 | 6.584 | -0.18 | |
| | 12/16/2014 15:29 | 0.4 | 38.5 | 10.1 | 51.0 | 54 | | | | -5.1 | -5.3 | 4.986 | 5.271 | 0 | |
| GEW-22R | 12/16/2014 15:24 | 1.7 | 63.6 | 0 | 34.7 | 178 | | | | -4.7 | -4.9 | 4.433 | 4.718 | -4.89 | |
| | 12/16/2014 15:25 | 3.6 | 66.0 | 0 | 30.4 | 178 | | | | -1.5 | -1.9 | 1.414 | 2.241 | -4.95 | |
| GEW-23A | 12/16/2014 15:18 | 1.9 | 55.8 | 0.1 | 42.2 | 167 | | | | -9.5 | -8.6 | 9.339 | 8.310 | -9.24 | |
| | 12/16/2014 15:19 | 1.2 | 62.8 | 0 | 36.0 | 168 | | | | -4.8 | -4.8 | 4.731 | 4.731 | -9.72 | |
| GEW-24A | 12/16/2014 15:16 | 4.6 | 61.9 | 3.1 | 30.4 | 122 | | | | -2.2 | -2.3 | 2.227 | 2.293 | -7.09 | |
| GEW-25A | 12/16/2014 15:13 | 0.6 | 58.7 | 0 | 40.7 | 175 | | | | -3.8 | -3.8 | 3.803 | 3.803 | -6.24 | |
| | 12/16/2014 15:14 | 0.4 | 62.3 | 0 | 37.3 | 175 | | | | -1.8 | -2.4 | 1.528 | 2.136 | -6.36 | |
| GEW-26R | 12/16/2014 15:11 | 0.7 | 68.2 | 0.5 | 30.6 | 179 | | | | -3.6 | -3.9 | 3.740 | 4.027 | -3.91 | |
| | 12/16/2014 15:11 | 0.4 | 67.8 | 0.6 | 31.2 | 178 | | | | -4.0 | -3.7 | 4.196 | 3.785 | -4.40 | |
| GEW-27A | 12/16/2014 15:08 | 1.3 | 55.6 | 0.1 | 43.0 | 163 | | | | -9.2 | -9.7 | 9.311 | 9.826 | -9.72 | |
| | 12/16/2014 15:09 | 1.5 | 59.5 | 0 | 39.0 | 162 | | | | -0.4 | -0.7 | 0.630 | 0.528 | -9.72 | |
| GEW-28R | 12/16/2014 15:05 | 0.9 | 55.7 | 0.1 | 43.3 | 164 | | | | -10.2 | -10.9 | 10.055 | 10.790 | -10.28 | |
| | 12/16/2014 15:06 | 1.2 | 59.3 | 0 | 39.5 | 156 | | | | -4.8 | -4.7 | 4.727 | 4.643 | -10.89 | |
| GEW-29 | 12/16/2014 15:00 | 0.3 | 54.3 | 1.2 | 44.2 | 187 | | | | -8.6 | -7.6 | 8.200 | 7.704 | -10.89 | |
| | 12/16/2014 15:02 | 0.2 | 54.3 | 0.2 | 45.3 | 188 | | | | -4.1 | -4.7 | 3.759 | 4.899 | -10.64 | |
| GEW-33R | 12/16/2014 14:47 | 10.8 | 55.9 | 0.1 | 33.2 | 47 | | | | 16.5 | 33.0 | 0 | 0 | 32.05 | |
| | 12/16/2014 14:47 | 10.7 | 56.9 | 0 | 32.4 | 48 | | | | 32.5 | 32.0 | 0 | 0 | 32.78 | |
| GEW-34A | 12/16/2014 14:41 | 3.1 | 49.9 | 1.9 | 45.1 | 191 | | | | -20.3 | -20.8 | 20.156 | 20.725 | -20.80 | |
| | 12/16/2014 14:41 | 0.9 | 45.0 | 3.0 | 51.1 | 190 | | | | -21.7 | -21.7 | 21.653 | 21.616 | -22.87 | |
| GEW-34 | 12/16/2014 14:39 | 10.6 | 52.9 | 3.4 | 33.1 | 63 | | | | -12.9 | -12.9 | 12.792 | 12.920 | -21.65 | |
| GEW-35 | 12/16/2014 14:34 | 1.5 | 46.1 | 4.6 | 47.8 | 127 | | | | -12.5 | -12.9 | 12.709 | 12.782 | -12.91 | |
| GEW-37 | 12/16/2014 14:28 | 1.2 | 15.6 | 18.5 | 64.7 | 75 | | | | -9.5 | -9.5 | 9.697 | 9.697 | -12.60 | |
| | 12/16/2014 14:28 | 0.7 | 10.0 | 18.9 | 70.4 | 72 | | | | -13.4 | -12.4 | 13.710 | 12.323 | -14.13 | |

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| Well Name | Date Sampled | Methane | CO ₂ | O ₂ | Balance Gas | Init Temp | Adj Temp | Init Flow | Adj Flow | Init Static Press | Adj Static Press | Init Diff Press | Adj Diff Press | System Pressure | Baro |
|------------------|------------------|---------|-----------------|----------------|-------------|-----------|----------|-----------|----------|-------------------|------------------|-----------------|----------------|-----------------|-------|
| | | (%) | | | | °F | | scfm | | "H ₂ O | | | | | "Hg |
| GEW-38 | 12/5/2014 10:07 | 1.3 | 53.3 | 1.7 | 43.7 | 166 | | | | -17.5 | -17.5 | 17.493 | 17.493 | -20.80 | |
| | 12/5/2014 10:08 | 1.4 | 57.0 | 1.9 | 39.7 | 165 | | | | -16.9 | -16.9 | 16.887 | 16.860 | -20.00 | |
| | 12/8/2014 11:04 | 0.3 | 54.2 | 2.0 | 43.5 | 166 | | | | -12.9 | -12.6 | 12.837 | 12.764 | -18.47 | |
| | 12/8/2014 11:09 | 0.2 | 53.8 | 1.7 | 44.3 | 166 | | | | -12.7 | -12.9 | 12.736 | 12.764 | -18.84 | |
| | 12/15/2014 14:56 | 0.3 | 48.2 | 3.3 | 48.2 | 163 | | | | -11.7 | -11.7 | 11.442 | 11.442 | -18.78 | |
| | 12/15/2014 14:57 | 0.4 | 50.7 | 3.1 | 45.8 | 161 | | | | -9.4 | -9.7 | 9.780 | 9.801 | -18.35 | |
| | 12/22/2014 16:12 | 0.4 | 68.0 | 0 | 31.6 | 175 | 175 | 29 | | -0.3 | 0.1 | 0.336 | -0.373 | -13.90 | 28.95 |
| | 12/22/2014 16:15 | 0.3 | 67.1 | 0.5 | 32.1 | 170 | 170 | 90 | 87 | -3.1 | -2.8 | 2.970 | 2.724 | -15.71 | 28.95 |
| 12/29/2014 13:44 | 0.4 | 45.9 | 2.2 | 51.5 | 161 | | | | -13.3 | -13.2 | 13.416 | 13.196 | -21.22 | | |
| 12/29/2014 13:44 | 0.3 | 51.2 | 2.3 | 46.2 | 161 | | | | -12.9 | -13.2 | 13.039 | 13.269 | -20.67 | | |
| GEW-39 | 12/5/2014 10:13 | 29.8 | 56.5 | 0 | 13.7 | 134 | | | | 0.2 | 0.3 | 0 | 0 | -22.87 | |
| | 12/5/2014 10:16 | 31.0 | 56.1 | 0 | 12.9 | 136 | | | | -0.1 | -0.1 | 0.105 | 0.113 | -22.69 | |
| | 12/8/2014 11:27 | 32.0 | 48.5 | 0 | 19.5 | 135 | | | | -0.4 | -0.4 | 0.411 | 0.443 | -23.49 | |
| | 12/15/2014 14:49 | 34.3 | 51.1 | 0.4 | 14.2 | 135 | | | | -0.4 | -0.4 | 0.384 | 0.384 | -24.16 | |
| | 12/15/2014 14:51 | 33.0 | 53.1 | 0.1 | 13.8 | 135 | | | | -0.3 | -0.2 | 0.209 | 0.216 | -23.61 | |
| | 12/22/2014 16:18 | 33.5 | 64.9 | 0 | 1.6 | 141 | 141 | 28 | 28 | -0.2 | -0.2 | 0.257 | 0.261 | -21.88 | 28.94 |
| | 12/22/2014 16:19 | 33.4 | 63.6 | 0 | 3.0 | 141 | 141 | 28 | 26 | -0.2 | -0.2 | 0.262 | 0.220 | -21.98 | 28.94 |
| | 12/29/2014 13:48 | 33.6 | 52.0 | 0.1 | 14.3 | 134 | | | | -0.5 | -0.5 | 0.518 | 0.492 | -27.28 | |
| 12/29/2014 13:49 | 33.5 | 53.9 | 0.1 | 12.5 | 134 | | | | -0.5 | -0.5 | 0.464 | 0.461 | -26.91 | | |
| GEW-56R | 12/4/2014 10:37 | 13.3 | 58.6 | 0 | 28.1 | 159 | | | | -6.5 | -6.5 | 6.364 | 6.373 | -17.80 | |
| | 12/4/2014 10:39 | 18.1 | 56.7 | 0 | 25.2 | 158 | | | | -6.0 | -6.0 | 6.114 | 6.108 | -17.37 | |
| | 12/8/2014 11:31 | 18.9 | 53.3 | 0 | 27.8 | 160 | | | | -6.1 | -6.0 | 5.785 | 5.849 | -18.23 | |
| | 12/8/2014 11:37 | 17.9 | 50.5 | 0 | 31.6 | 159 | | | | -4.8 | -4.8 | 4.818 | 4.812 | -18.41 | |
| | 12/15/2014 14:36 | 15.4 | 64.3 | 0.1 | 20.2 | 166 | | | | -1.8 | -1.8 | 1.877 | 1.864 | -17.00 | |
| | 12/15/2014 14:37 | 15.7 | 63.0 | 0.2 | 21.1 | 166 | | | | -1.7 | -1.7 | 1.711 | 1.687 | -19.76 | |
| | 12/22/2014 16:28 | 19.1 | 54.5 | 0.1 | 26.3 | 160 | 160 | 222 | 221 | -15.4 | -15.5 | 15.565 | 15.487 | -15.35 | 28.95 |
| | 12/22/2014 16:30 | 19.3 | 53.6 | 0.1 | 27.0 | 159 | 159 | 217 | 218 | -14.7 | -14.8 | 14.769 | 14.917 | -15.72 | 28.95 |
| 12/29/2014 13:54 | 14.6 | 43.4 | 0.6 | 41.4 | 155 | | | | -17.2 | -17.2 | 17.548 | 17.530 | -18.90 | | |
| 12/29/2014 13:54 | 14.1 | 44.8 | 0.7 | 40.4 | 155 | | | | -16.7 | -16.7 | 16.887 | 16.887 | -19.08 | | |
| GEW-57R | 12/18/2014 9:21 | 0.6 | 64.5 | 1.6 | 33.3 | 192 | 192 | 217 | 221 | -17.1 | -17.0 | 17.567 | 18.118 | -17.75 | 29.65 |
| GEW-58A | 12/18/2014 9:02 | 0.4 | 64.4 | 0.2 | 35.0 | 195 | 195 | 241 | 238 | -21.6 | -21.6 | 21.828 | 21.291 | -21.56 | 29.68 |
| GEW-58 | 12/18/2014 9:05 | 1.0 | 65.0 | 0.7 | 33.3 | 196 | 196 | | | -18.1 | -17.3 | -17.889 | -17.712 | -21.70 | 29.67 |
| GEW-59R | 12/1/2014 14:26 | 2.3 | 56.9 | 0.3 | 40.5 | 181 | | | | 1.6 | 1.7 | 0 | 0 | -4.65 | |
| | 12/1/2014 14:26 | 2.0 | 54.6 | 0.3 | 43.1 | 181 | | | | -0.8 | -0.8 | 0.875 | 0.793 | -5.87 | |
| | 12/16/2014 16:11 | 1.2 | 67.4 | 0.2 | 31.2 | 186 | 186 | 41 | 43 | -0.7 | -0.4 | 0.642 | 0.725 | -7.20 | 29.58 |
| GEW-61B | 12/18/2014 9:43 | 0 | 7.6 | 20.3 | 72.1 | 31 | 31 | 286 | 286 | -17.7 | -17.7 | 17.973 | 17.931 | -18.07 | 29.67 |
| GEW-64A | 12/18/2014 9:01 | 3.1 | 34.6 | 0.6 | 61.7 | 137 | | | | -14.8 | -14.2 | 14.637 | 14.334 | -0.31 | |
| | 12/18/2014 9:02 | 2.2 | 57.5 | 0.6 | 39.7 | 138 | | | | -14.4 | -14.4 | 14.481 | 14.481 | -0.24 | |
| GEW-65A | 12/18/2014 10:05 | 0.5 | 71.6 | 0 | 27.9 | 198 | 198 | | | -15.3 | -14.7 | -14.982 | -14.750 | -16.22 | 29.67 |
| GEW-66 | 12/18/2014 9:55 | 1.4 | 65.7 | 0 | 32.9 | 200 | 200 | 217 | 213 | -16.7 | -17.1 | 17.733 | 17.172 | -17.71 | 29.66 |
| GEW-67A | 12/1/2014 14:36 | 0.7 | 56.0 | 0.4 | 42.9 | 187 | | | | -17.6 | -18.0 | 17.273 | 17.704 | -17.61 | |
| | 12/1/2014 14:36 | 0.8 | 59.2 | 0.3 | 39.7 | 188 | | | | -17.6 | -18.0 | 17.208 | 17.704 | -17.74 | |
| | 12/15/2014 16:00 | 1.6 | 54.6 | 0.4 | 43.4 | 186 | | | | -16.0 | -15.6 | 15.758 | 15.601 | -15.90 | |
| | 12/15/2014 16:02 | 1.5 | 57.4 | 0.4 | 40.7 | 186 | | | | -13.6 | -14.0 | 13.673 | 13.719 | -16.94 | |
| GEW-69R | 12/18/2014 8:52 | 0.7 | 33.0 | 10.7 | 55.6 | 31 | | | | -14.3 | -13.9 | 14.426 | 13.903 | 0 | |
| | 12/18/2014 8:54 | 0.4 | 46.1 | 4.2 | 49.3 | 30 | | | | -14.9 | -14.8 | 14.858 | 14.637 | 0 | |
| GEW-70R | 12/18/2014 8:50 | 1.7 | 46.0 | 3.2 | 49.1 | 59 | | | | -17.7 | -17.7 | 17.897 | 17.925 | -18.59 | |
| GEW-71 | 12/16/2014 15:58 | 0.6 | 67.3 | 0.2 | 31.9 | 197 | 197 | 113 | 119 | -5.7 | -5.7 | 4.851 | 5.309 | -15.37 | 29.59 |
| GEW-75 | 12/18/2014 8:44 | 4.3 | 49.2 | 4.7 | 41.8 | 49 | | | | -10.3 | -10.4 | 10.303 | 10.523 | -13.64 | |

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| Well Name | Date Sampled | Methane | CO ₂ | O ₂ | Balance Gas | Init Temp | Adj Temp | Init Flow | Adj Flow | Init Static Press | Adj Static Press | Init Diff Press | Adj Diff Press | System Pressure | Baro |
|------------------|------------------|---------|-----------------|----------------|-------------|-----------|----------|-----------|----------|-------------------|------------------|-----------------|----------------|-----------------|-------|
| | | (%) | | | | °F | | scfm | | "H ₂ O | | | | | "Hg |
| GEW-77 | 12/18/2014 8:38 | 0.1 | 35.2 | 15.3 | 49.4 | 31 | | | | -4.4 | -6.0 | 3.774 | 6.033 | -3.91 | |
| | 12/18/2014 8:39 | 0.1 | 28.0 | 15.3 | 56.6 | 31 | | | | -6.4 | -6.0 | 6.547 | 6.033 | -6.73 | |
| GEW-80 | 12/18/2014 8:35 | 0.4 | 59.2 | 0 | 40.4 | 196 | | | | -7.4 | -7.4 | 7.346 | 7.319 | -7.77 | |
| | 12/18/2014 8:36 | 0.3 | 61.4 | 0 | 38.3 | 196 | | | | -2.4 | -1.6 | 1.720 | 1.783 | -7.46 | |
| GEW-82R | 12/18/2014 8:31 | 1.2 | 58.0 | 0.2 | 40.6 | 191 | | | | -4.9 | -4.9 | 4.925 | 4.893 | -9.66 | |
| | 12/18/2014 8:32 | 0.9 | 58.4 | 0.2 | 40.5 | 191 | | | | -3.5 | -3.8 | 3.454 | 3.772 | -9.48 | |
| GEW-83 | 12/18/2014 10:01 | 0 | 11.7 | 18.7 | 69.6 | 31 | 31 | 270 | 269 | -16.1 | -15.9 | 16.293 | 16.158 | -18.02 | 29.66 |
| GEW-84 | 12/16/2014 16:00 | 1.4 | 63.5 | 4.0 | 31.1 | 91 | 91 | 194 | 191 | -11.6 | -11.4 | 11.601 | 11.318 | -15.11 | 29.59 |
| GEW-86 | 12/18/2014 9:57 | 0.5 | 69.1 | 0.5 | 29.9 | 70 | 70 | 241 | 245 | -17.6 | -17.7 | 17.815 | 18.302 | -17.04 | 29.66 |
| GEW-89 | 12/1/2014 14:56 | 0 | 26.6 | 19.1 | 54.3 | 33 | | | | -16.6 | -16.6 | 16.382 | 16.327 | -16.57 | |
| | 12/1/2014 14:56 | 0 | 20.9 | 19.1 | 60.0 | 33 | | | | -16.6 | -16.6 | 16.263 | 16.226 | -16.57 | |
| GEW-101 | 12/16/2014 14:56 | 1.7 | 38.1 | 10.6 | 49.6 | 52 | | | | -14.5 | -14.5 | 14.536 | 14.472 | -14.80 | |
| | 12/16/2014 14:56 | 1.2 | 38.4 | 11.1 | 49.3 | 61 | | | | -12.9 | | 12.736 | | -12.66 | |
| GEW-102 | 12/16/2014 14:50 | 2.2 | 55.2 | 0.3 | 42.3 | 45 | | | | 3.4 | 3.4 | 0 | 0 | 3.43 | |
| | 12/16/2014 14:50 | 1.1 | 56.8 | 0.3 | 41.8 | 45 | | | | 3.9 | 3.9 | 0 | 0 | 3.91 | |
| GEW-103 | 12/16/2014 14:44 | 0 | 23.0 | 17.7 | 59.3 | 38 | | | | -21.2 | -15.9 | 21.010 | 15.969 | -20.86 | |
| | 12/16/2014 14:44 | 0 | 17.8 | 17.7 | 64.5 | 38 | | | | -15.3 | -14.4 | 15.271 | 14.123 | -13.46 | |
| GEW-104 | 12/18/2014 9:09 | 0.4 | 68.0 | 1.8 | 29.8 | 78 | 78 | 236 | 234 | -17.1 | -17.0 | 17.276 | 16.936 | -17.27 | 29.66 |
| GEW-105 | 12/16/2014 14:36 | 3.1 | 37.0 | 12.0 | 47.9 | 41 | | | | -20.2 | -20.8 | 20.340 | 21.047 | -21.10 | |
| | 12/16/2014 14:37 | 3.7 | 32.7 | 11.9 | 51.7 | 41 | | | | -20.9 | -21.2 | 21.093 | 21.497 | -21.59 | |
| GEW-107 | 12/16/2014 14:31 | 0.4 | 48.2 | 4.5 | 46.9 | 41 | | | | -17.8 | -17.8 | 18.062 | 18.062 | -18.10 | |
| GEW-109 | 12/5/2014 10:10 | 1.6 | 55.0 | 1.2 | 42.2 | 92 | | | | -14.7 | -15.0 | 14.545 | 14.766 | -15.05 | |
| | 12/5/2014 10:11 | 1.8 | 56.8 | 0.5 | 40.9 | 93 | | | | -14.5 | -14.2 | 14.472 | 14.068 | -14.62 | |
| | 12/8/2014 11:11 | 1.5 | 55.0 | 1.0 | 42.5 | 91 | | | | -15.1 | -15.0 | 15.188 | 14.986 | -15.23 | |
| | 12/8/2014 11:16 | 1.1 | 57.3 | 0.4 | 41.2 | 89 | | | | -14.1 | -14.0 | 14.169 | 14.114 | -14.37 | |
| | 12/8/2014 11:22 | 32.3 | 54.7 | 0 | 13.0 | 135 | | | | -0.4 | -0.4 | 0.390 | 0.379 | -23.36 | |
| | 12/15/2014 14:53 | 2.8 | 47.6 | 1.9 | 47.7 | 92 | | | | -14.8 | -15.1 | 14.683 | 14.848 | -15.60 | |
| | 12/15/2014 14:54 | 2.1 | 56.2 | 0.4 | 41.3 | 93 | | | | -13.6 | -13.6 | 13.499 | 13.306 | -15.05 | |
| | 12/22/2014 16:21 | 2.0 | 67.6 | 0.4 | 30.0 | 87 | 87 | 186 | 186 | -10.6 | -10.7 | 10.674 | 10.751 | -13.60 | 28.94 |
| 12/29/2014 13:46 | 1.1 | 41.8 | 3.1 | 54.0 | 83 | | | | | -16.2 | -16.2 | 16.501 | 16.511 | -19.69 | |
| GEW-110 | 12/4/2014 10:41 | 3.1 | 38.3 | 10.2 | 48.4 | 45 | | | | -18.3 | -18.3 | 18.402 | 18.430 | -18.59 | |
| | 12/4/2014 10:42 | 1.8 | 34.8 | 10.3 | 53.1 | 43 | | | | -18.1 | -18.1 | 18.145 | 18.145 | -19.39 | |
| | 12/8/2014 11:52 | 2.1 | 31.8 | 10.5 | 55.6 | 65 | | | | -19.8 | -19.9 | 19.816 | 19.899 | -20.00 | |
| | 12/8/2014 11:56 | 1.8 | 29.4 | 11.1 | 57.7 | 66 | | | | -19.9 | -19.9 | 19.743 | 19.743 | -19.63 | |
| | 12/15/2014 14:40 | 3.6 | 57.6 | 0 | 38.8 | 76 | | | | -0.3 | -0.3 | 0.115 | 0.131 | -21.59 | |
| | 12/22/2014 16:25 | 2.0 | 69.0 | 0.6 | 28.4 | 109 | 109 | 243 | 244 | -19.1 | -19.3 | 19.382 | 19.519 | -19.88 | 28.96 |
| | 12/29/2014 13:57 | 3.5 | 56.3 | 0 | 40.2 | 158 | | | | -23.0 | -23.5 | 23.425 | 23.701 | -23.18 | |
| | 12/29/2014 13:58 | 2.7 | 57.0 | 0.1 | 40.2 | 157 | | | | -23.0 | -23.1 | 23.407 | 23.407 | -23.18 | |
| GEW-112 | 12/16/2014 11:56 | 0.3 | 27.4 | 13.3 | 59.0 | 37 | 37 | 257 | 259 | -16.0 | -16.1 | 16.004 | 16.187 | -16.79 | 29.52 |
| GEW-116 | 12/16/2014 16:04 | 3.9 | 29.9 | 13.4 | 52.8 | 39 | | | | -8.2 | -7.9 | 7.868 | 7.822 | -7.83 | |
| | 12/16/2014 16:04 | 5.3 | 29.1 | 13.8 | 51.8 | 38 | | | | -7.8 | -7.9 | 7.675 | 7.721 | -7.65 | |
| GEW-117 | 12/16/2014 16:00 | 53.1 | 38.4 | 0.5 | 8.0 | 36 | | | | 2.6 | 2.6 | 0 | 0 | 2.69 | |
| | 12/16/2014 16:01 | 54.6 | 42.5 | 0.2 | 2.7 | 36 | | | | 2.9 | 2.8 | 0 | 0 | 2.26 | |
| GEW-120 | 12/8/2014 8:59 | 0.1 | 16.6 | 20.1 | 63.2 | 49 | | | | 0.0 | 0.0 | 0 | 0 | -8.26 | |
| GEW-121 | 12/10/2014 13:11 | 0.1 | 17.9 | 16.2 | 65.8 | 42 | | | | 97.3 | 97.4 | 0 | 0 | -5.87 | |
| | 12/10/2014 13:20 | 0.7 | 68.1 | 0.1 | 31.1 | 184 | | | | 1.2 | 1.2 | 0 | 0 | -1.28 | |
| GEW-122 | 12/4/2014 16:40 | 0.1 | 57.4 | 0.3 | 42.2 | 41 | | | | 6.0 | 6.0 | 0 | 0 | -10.21 | |
| | 12/4/2014 16:51 | 0.2 | 60.3 | 0 | 39.5 | 173 | | | | 0.1 | 0.1 | 0 | 0 | -8.69 | |
| | 12/8/2014 8:43 | 0.7 | 57.1 | 0 | 42.2 | 191 | | | | 0.4 | 0.4 | 0 | 0 | -10.15 | |
| | 12/8/2014 8:45 | 0.4 | 57.6 | 0 | 42.0 | 192 | | | | 0.0 | -0.2 | 0 | 0.131 | -8.38 | |

December 2014 Wellfield Monitoring Data - Bridgeton Landfill

| Well Name | Date Sampled | Methane | CO ₂ | O ₂ | Balance Gas | Init Temp | Adj Temp | Init Flow | Adj Flow | Init Static Press | Adj Static Press | Init Diff Press | Adj Diff Press | System Pressure | Baro |
|-----------|------------------|---------|-----------------|----------------|-------------|-----------|----------|-----------|----------|-------------------|------------------|-----------------|----------------|-----------------|-------|
| | | (%) | | | | °F | | scfm | | "H ₂ O | | | | | "Hg |
| GEW-123 | 12/8/2014 8:50 | 7.5 | 59.0 | 0.5 | 33.0 | 77 | | | | 40.2 | 40.2 | 0 | 0 | -9.66 | |
| | 12/8/2014 8:53 | 8.6 | 62.2 | 0 | 29.2 | 95 | | | | 0.2 | 0.1 | 0 | 0 | -9.17 | |
| GEW-131 | 12/4/2014 9:09 | 5.2 | 60.1 | 0 | 34.7 | 136 | | | | 2.9 | 2.9 | 0 | 0 | -6.79 | |
| | 12/4/2014 9:17 | 7.3 | 60.3 | 0 | 32.4 | 155 | | | | -0.1 | -0.1 | 0.092 | 0.090 | -6.30 | |
| | 12/8/2014 8:37 | 5.4 | 58.8 | 0 | 35.8 | 160 | | | | 1.1 | 1.1 | 0 | 0 | -2.94 | |
| | 12/8/2014 8:40 | 7.4 | 59.3 | 0 | 33.3 | 161 | | | | -0.1 | 0.0 | 0.156 | 0.120 | -2.02 | |
| | 12/29/2014 15:35 | 14.4 | 56.9 | 0 | 28.7 | 160 | | | | -4.9 | -5.1 | 4.914 | 5.115 | -6.48 | |
| | 12/29/2014 15:36 | 14.4 | 57.4 | 0.1 | 28.1 | 160 | | | | -4.9 | -4.9 | 4.957 | 4.850 | -6.54 | |
| GEW-136 | 12/14/2014 13:41 | 0.6 | 49.0 | 0 | 50.4 | 161 | | | | 8.1 | 8.1 | 0 | 0 | -7.77 | |
| | 12/14/2014 13:43 | 0.6 | 55.8 | 0 | 43.6 | 196 | | | | 0.2 | 0.1 | 0 | 0 | -6.54 | |
| GEW-137 | 12/9/2014 15:27 | 0.9 | 56.8 | 0.8 | 41.5 | 38 | | | | 6.9 | 6.8 | 0 | 0 | -0.80 | |
| | 12/9/2014 15:29 | 0.9 | 61.9 | 0.2 | 37.0 | 38 | | | | 0.1 | 0.1 | 0 | 0 | -0.92 | |
| GEW-138 | 12/8/2014 15:56 | 0.3 | 61.0 | 0 | 38.7 | 50 | | | | 1.6 | 1.6 | 0 | 0 | -0.31 | |
| | 12/8/2014 15:59 | 0.3 | 60.1 | 0.1 | 39.5 | 50 | | | | 0.2 | 0.1 | 0 | 0 | -0.12 | |
| GEW-139 | 12/8/2014 8:33 | 0.2 | 58.1 | 0 | 41.7 | 197 | | | | 1.1 | 1.3 | 0 | 0 | -1.35 | |
| | 12/29/2014 15:32 | 1.6 | 55.8 | 0 | 42.6 | 194 | | | | -5.0 | -5.4 | 5.253 | 5.409 | -9.79 | |
| | 12/29/2014 15:33 | 1.4 | 60.7 | 0.1 | 37.8 | 194 | | | | -4.2 | -4.1 | 4.185 | 4.083 | -10.03 | |
| GEW-146 | 12/9/2014 15:17 | 0.2 | 7.7 | 20.3 | 71.8 | 40 | | | | 4.6 | 4.6 | 0 | 0 | -11.25 | |
| | 12/9/2014 15:22 | 1.7 | 55.4 | 0.4 | 42.5 | 41 | | | | 0.3 | 0.3 | 0 | 0 | -10.83 | |
| GEW-148 | 12/16/2014 13:21 | 0.4 | 59.8 | 0.3 | 39.5 | 38 | | | | 149.2 | 149.3 | 0 | 0 | -16.15 | |
| | 12/16/2014 13:26 | 2.0 | 61.2 | 0 | 36.8 | 159 | | | | 1.7 | 2.7 | 0 | 0 | -15.66 | |
| GEW-149 | 12/14/2014 13:51 | 0.2 | 29.3 | 10.8 | 59.7 | 73 | | | | 1.3 | 1.3 | 0 | 0 | -15.17 | |
| GEW-151 | 12/16/2014 9:05 | 0.6 | 5.3 | 20.5 | 73.6 | 39 | | | | -1.1 | -1.1 | 1.110 | 1.123 | -14.68 | |
| GEW-152 | 12/14/2014 15:07 | 0.2 | 44.8 | 5.0 | 50.0 | 70 | | | | 57.0 | 57.1 | 0 | 0 | -29.36 | |
| | 12/14/2014 15:12 | 5.2 | 57.1 | 0 | 37.7 | 167 | | | | 1.1 | 1.1 | 0 | 0 | -25.75 | |
| GEW-153 | 12/14/2014 14:04 | 4.9 | 55.5 | 0 | 39.6 | 81 | | | | 12.4 | 12.5 | 0 | 0 | -20.06 | |
| | 12/14/2014 14:08 | 5.6 | 57.1 | 0 | 37.3 | 94 | | | | 1.0 | 1.1 | 0 | 0 | -11.01 | |
| GEW-154 | 12/14/2014 13:58 | 0 | 14.3 | 17.7 | 68.0 | 75 | | | | 0.1 | 0.1 | 0 | 0 | -15.66 | |
| SEW-12A | 12/15/2014 16:04 | 7.7 | 40.1 | 9.5 | 42.7 | 66 | | | | -6.7 | -6.7 | 6.465 | 6.400 | -15.66 | |
| | 12/15/2014 16:04 | 8.7 | 36.5 | 9.6 | 45.2 | 66 | | | | -5.3 | -5.3 | 5.170 | 5.124 | -15.17 | |
| | 12/16/2014 11:43 | 9.6 | 40.2 | 9.4 | 40.8 | 53 | 53 | 156 | 156 | -6.1 | -6.0 | 6.138 | 6.138 | -19.21 | 29.49 |
| SEW-17R | 12/16/2014 16:09 | 2.0 | 59.1 | 0.1 | 38.8 | 133 | | | | 0.1 | 0.1 | 0 | 0 | -14.19 | |
| | 12/16/2014 16:10 | 4.3 | 59.1 | 0.1 | 36.5 | 133 | | | | 0.1 | 0.1 | 0 | 0 | -12.72 | |
| SEW-32R | 12/16/2014 14:53 | 37.5 | 53.2 | 0.8 | 8.5 | 41 | | | | -0.2 | -0.2 | 0.177 | 0.178 | -4.89 | |
| SEW-60R | 12/18/2014 9:16 | 4.2 | 23.5 | 14.4 | 57.9 | 131 | 131 | 32 | 33 | -0.1 | -0.1 | 0.306 | 0.321 | -15.80 | 29.66 |
| SEW-61R | 12/18/2014 9:27 | 1.0 | 21.6 | 15.0 | 62.4 | 161 | 161 | 231 | 231 | -15.5 | -15.6 | 15.769 | 15.861 | -17.08 | 29.66 |
| SEW-62R | 12/18/2014 9:50 | 12.8 | 40.6 | 7.7 | 38.9 | 165 | 165 | 34 | 34 | -0.1 | -0.1 | 0.385 | 0.377 | -17.57 | 29.67 |
| SEW-63 | 12/16/2014 11:38 | 1.3 | 73.9 | 0 | 24.8 | 192 | 192 | 117 | 142 | -6.4 | -7.8 | 5.295 | 7.732 | -7.50 | 29.48 |
| SEW-64 | 12/18/2014 8:58 | 3.0 | 23.1 | 16.0 | 57.9 | 135 | | | | -2.5 | -2.4 | 2.536 | 2.456 | -2.81 | |
| | 12/18/2014 8:59 | 3.2 | 20.2 | 15.8 | 60.8 | 135 | | | | -2.5 | -2.4 | 2.568 | 2.465 | -5.38 | |
| SEW-72R | 12/16/2014 15:53 | 2.1 | 14.9 | 17.3 | 65.7 | 90 | 90 | 80 | 79 | -1.6 | -1.5 | 1.634 | 1.599 | -12.66 | 29.57 |
| SEW-74 | 12/18/2014 8:47 | 3.8 | 29.7 | 13.5 | 53.0 | 91 | | | | -0.5 | -0.5 | 0.550 | 0.512 | -7.22 | |
| | 12/18/2014 8:47 | 3.1 | 25.0 | 13.5 | 58.4 | 92 | | | | -0.6 | -0.5 | 0.547 | 0.524 | -8.32 | |
| SEW-79R | 12/18/2014 8:42 | 0.6 | 53.8 | 1.2 | 44.4 | 30 | | | | -0.5 | -0.5 | 0.518 | 0.498 | -0.67 | |
| | 12/18/2014 8:42 | 0.5 | 57.6 | 0.7 | 41.2 | 30 | | | | -0.5 | -0.5 | 0.530 | 0.495 | -0.61 | |
| LCS-3C | 12/8/2014 9:30 | 1.5 | 55.9 | 2.5 | 40.1 | 181 | | | | -12.6 | -11.0 | 12.291 | 10.910 | -14.23 | |

ATTACHMENT F-2

MAXIMUM TEMPERATURE SPREADSHEET

Wellfield Temperature - Bridgeton Landfill

| Well Name | Maximum Initial Temperature From All Monthly Wellhead Readings (in °F) | | | |
|--------------|---|-----|------|-------|
| | Sept | Oct | Nov | Dec |
| North Quarry | | | | |
| GEW-01 | -- | -- | -- | -- |
| GEW-02 | 125 | 126 | 125 | 123.2 |
| GEW-03 | 105 | 81 | 118 | 115.5 |
| GEW-04 | 111 | 71 | 119 | 116.3 |
| GEW-05 | 100 | 100 | 95 | 89.8 |
| GEW-06 | 94 | 90 | 87 | 81.7 |
| GEW-07 | 106 | 106 | 100 | 93.6 |
| GEW-08 | 119 | 120 | 116 | 115.3 |
| GEW-09 | 126 | 121 | 119 | 120.2 |
| GEW-40 | 96 | 95 | 92 | 92 |
| GEW-41R | 110 | 109 | 108 | 106 |
| GEW-43R | 127 | 129 | 63 | 61.4 |
| GEW-42R | 93 | 78 | 128 | 125 |
| GEW-44 | 102 | 88 | 52 | 44.8 |
| GEW-45R | 107 | 105 | 94 | 86.1 |
| GEW-46R | 100 | 87 | 67 | 102.6 |
| GEW-47R | 115 | 121 | 110 | 105.6 |
| GEW-48 | 107 | 107 | 105 | 99.7 |
| GEW-49 | 114 | 110 | 96 | 40.7 |
| GEW-50 | 109 | 110 | 108 | 101.7 |
| GEW-51 | 125 | 123 | 120 | 114 |
| GEW-52 | 104 | 111 | 108 | 102.6 |
| GEW-53 | 138 | 138 | 135 | 135 |
| GEW-54 | 135 | 136 | 138 | 140 |
| GEW-55 | 131 | 129 | 127 | 124.1 |
| PEW60 | 92 | 70 | 45.2 | 59.5 |
| LCS-5A | 100 | 100 | 95.2 | 97.9 |
| LCS-6B | 94 | 81 | 48.2 | 46.7 |
| T-56 | 84 | 70 | 51.5 | 49 |

Wellfield Temperature - Bridgeton Landfill

| Well Name | Maximum Initial Temperature From All Monthly Wellhead Readings (in °F) | | | |
|--------------|---|-------|-------|-------|
| | Sept | Oct | Nov | Dec |
| South Quarry | | | | |
| GEW-10 | 95 | 90.9 | 72 | 85.9 |
| GEW-11 | 192 | 187.9 | 190 | 189 |
| GEW-13A | -- | -- | -- | -- |
| GEW-14A | 194 | 194.8 | 184 | 55 |
| GEW-15 | 198 | 205 | 197 | 198 |
| GEW-16R | 200 | 199 | 200 | 200 |
| GEW-18B | -- | -- | -- | -- |
| GEW-18R | 199 | 191.4 | 198 | 191.9 |
| GEW-19A | -- | -- | -- | -- |
| GEW-20A | 119 | 96 | 56 | 37.6 |
| GEW-21A | 117 | 137 | 54 | 53.6 |
| GEW-22R | -- | -- | -- | 178.2 |
| GEW-23A | 159 | 168.8 | 174 | 167.5 |
| GEW-24A | 114 | 176 | 130 | 122.1 |
| GEW-25A | 163 | 163 | 164 | 175.2 |
| GEW-26R | 179 | 156 | 141 | 178.7 |
| GEW-27A | -- | 167.8 | -- | 163.2 |
| GEW-28R | 91 | 154.1 | 156 | 163.6 |
| GEW-29 | 185 | 188 | 183 | 187.9 |
| GEW-30R | -- | -- | -- | -- |
| GEW-33R | 93 | -- | -- | 48.4 |
| GEW-34 | 122 | 110 | 76 | 63.3 |
| GEW-34A | 194 | 194.5 | 192 | 190.8 |
| GEW-35 | 187 | 182.4 | 180 | 126.9 |
| GEW-36 | -- | -- | -- | -- |
| GEW-37 | -- | -- | 106.1 | 74.8 |
| GEW-38 | 186 | 172.2 | 172 | 175 |
| GEW-39 | 136 | 136 | 135 | 141 |
| GEW-56R | 165 | 166 | 160 | 166.4 |
| GEW-57B | 190 | 179.8 | 191 | 192 |
| GEW-57R | 196 | 195 | 194 | 196 |
| GEW-58 | 195 | 195 | 197 | 195 |
| GEW-58A | -- | -- | 192.5 | 186 |
| GEW-59R | 181 | 182 | 184 | 31 |
| GEW-61B | 94 | 84.7 | 73 | 138 |
| GEW-65A | 199 | 197 | 198 | 198 |
| GEW-66 | -- | -- | -- | 200 |
| GEW-67A | -- | -- | -- | 187.9 |
| GEW-69R | -- | -- | -- | 30.5 |
| GEW-70R | 162 | 145.1 | 73 | 59.4 |
| GEW-71 | 200 | 194.4 | 200 | 197 |

Wellfield Temperature - Bridgeton Landfill

| Well Name | Maximum Initial Temperature From All Monthly Wellhead Readings (in °F) | | | |
|-----------|---|-------|-----|-------|
| | Sept | Oct | Nov | Dec |
| GEW-71B | -- | -- | -- | -- |
| GEW-72RR | -- | -- | -- | -- |
| GEW-73R | -- | -- | -- | -- |
| GEW-75 | 98 | 83 | 64 | 48.9 |
| GEW-76R | 98 | -- | -- | -- |
| GEW-77 | 97 | 77 | 54 | 30.6 |
| GEW-78R | -- | -- | -- | -- |
| GEW-79R | -- | -- | -- | -- |
| GEW-80 | 194 | 197 | 198 | 196 |
| GEW-81 | -- | -- | -- | -- |
| GEW-82R | 186 | 187 | 189 | 191.3 |
| GEW-83 | 97 | 84 | 65 | 31 |
| GEW-84 | 176 | 165.5 | 150 | 91 |
| GEW-85 | 107 | 195.8 | -- | -- |
| GEW-86 | 195 | 178 | 176 | 70 |
| GEW-88 | -- | -- | -- | -- |
| GEW-89 | -- | -- | -- | 33.4 |
| GEW-90 | -- | 198 | 195 | -- |
| GEW-91 | -- | -- | -- | -- |
| GEW-100 | 104 | -- | -- | -- |
| GEW-101 | 185 | 180 | 62 | 60.7 |
| GEW-102 | 156 | 162 | 64 | 44.9 |
| GEW-103 | 102 | 78 | 52 | 38.4 |
| GEW-104 | 157 | 176 | 100 | 78 |
| GEW-105 | 105 | 85 | 60 | 40.9 |
| GEW-106 | -- | -- | -- | -- |
| GEW-107 | 104 | 191 | 78 | 41.2 |
| GEW-108 | -- | -- | -- | -- |
| GEW-109 | 120 | 110 | 111 | 135.3 |
| GEW-110 | 73 | 88 | 62 | 157.5 |
| GEW-112 | 99 | -- | -- | 37 |
| GEW-113 | -- | -- | -- | -- |
| GEW-116 | 103 | -- | -- | 38.7 |
| GEW-117 | 102 | 96 | 51 | 35.7 |
| GEW-118 | -- | -- | -- | -- |
| GEW-120 | -- | -- | -- | 48.5 |
| GEW-121 | -- | -- | -- | 183.7 |
| GEW-122 | -- | -- | -- | 191.9 |
| GEW-123 | -- | -- | -- | 95.2 |
| GEW-131 | -- | -- | -- | 161.4 |
| GEW-136 | -- | -- | -- | 196 |
| GEW-137 | -- | -- | -- | 37.6 |
| GEW-138 | -- | -- | -- | 50.1 |
| GEW-139 | -- | -- | -- | 197.3 |
| GEW-146 | -- | -- | -- | 40.7 |
| GEW-148 | -- | -- | -- | 159.2 |
| GEW-149 | -- | -- | -- | 72.6 |
| GEW-151 | -- | -- | -- | 39.1 |
| GEW-152 | -- | -- | -- | 167.3 |
| GEW-153 | -- | -- | -- | 94 |
| GEW-154 | -- | -- | -- | 74.8 |

Wellfield Temperature - Bridgeton Landfill

| Well Name | Maximum Initial Temperature From All Monthly Wellhead Readings (in °F) | | | |
|-----------|---|-------|-------|-------|
| | Sept | Oct | Nov | Dec |
| GIW-01 | 198 | 199 | 199 | 195 |
| GIW-02 | 193 | 160.5 | 177.2 | 56 |
| GIW-03 | 197 | 197.2 | 71 | 54 |
| GIW-04 | 185 | 124 | 71 | 54 |
| GIW-05 | 154 | 82.8 | 78 | 52 |
| GIW-06 | 165 | 122.3 | 69 | 54 |
| GIW-07 | 171 | 155.2 | 74 | 56 |
| GIW-08 | 116 | 100.8 | 81 | 73.9 |
| GIW-09 | 193 | 196 | 195 | 192 |
| GIW-10 | 187 | 185.8 | 71 | 55 |
| GIW-11 | 182 | 174.7 | 139.3 | 163.4 |
| GIW-12 | 181 | 180 | 176 | 174 |
| GIW-13 | 178 | 172 | 171 | 167.7 |
| LCS-1D | -- | -- | -- | -- |
| LCS-2D | -- | -- | 100 | -- |
| LCS-3C | -- | -- | 50 | 180.8 |
| LCS-4B | -- | -- | -- | -- |
| SEW 12A | 97 | 94.6 | 80.2 | 65.9 |
| SEW 13 | -- | -- | -- | -- |
| SEW 17R | 179.1 | 176.2 | -- | 133 |
| SEW 31R | -- | -- | -- | -- |
| SEW 32R | 101.1 | 80 | 46.2 | 40.9 |
| SEW 60R | 147.4 | 142 | 127.4 | 131 |
| SEW 61R | 188 | 192 | 41.7 | 161 |
| SEW 62R | 177.7 | 190 | 169.2 | 165 |
| SEW 63 | 197 | 194 | 191.3 | 192 |
| SEW 64 | 151.3 | 157 | 148.1 | 134.6 |
| SEW-64A | -- | -- | -- | -- |
| SEW 67 | 128 | 127 | 104 | -- |
| SEW 72R | 115 | 110 | 93.2 | 90 |
| SEW 74 | 127.1 | 115 | 91.8 | 91.5 |
| SEW 79R | 59.7 | 84 | 42.7 | 30.4 |

-- = Indicates no data available.

ATTACHMENT F-3

LAB ANALYSES SPREADSHEET

Laboratory Analysis - Bridgeton Landfill

| Well Name | Date Sampled | Methane | CO ₂ | O ₂ /Argon | Nitrogen | Hydrogen | Carbon Monoxide |
|--------------|--------------|---------|-----------------|-----------------------|----------|----------|-----------------|
| | | (%) | | | | | (ppm) |
| North Quarry | | | | | | | |
| GEW-2 | 9/11/2014 | 55 | 41 | ND | 4 | 0.072 | ND |
| | 11/11/2014 | 41 | 33 | 1.4 | 24 | 0.07 | 280 |
| GEW-3 | 9/11/2014 | 55 | 43 | ND | ND | 0.043 | ND |
| | 11/11/2014 | 22 | 28 | 1.5 | 49 | 0.062 | ND |
| GEW-4 | 9/11/2014 | 53 | 42 | ND | 4.6 | 0.1 | ND |
| | 11/11/2014 | 9.3 | 20 | 2.7 | 68 | ND | 130 |
| GEW-5 | 9/11/2014 | 53 | 38 | ND | 9 | 0.052 | ND |
| | 11/11/2014 | 25 | 29 | ND | 46 | ND | ND |
| GEW-6 | 9/11/2014 | 53 | 42 | ND | 4.1 | ND | ND |
| | 11/11/2014 | 35 | 34 | ND | 30 | ND | ND |
| GEW-7 | 9/11/2014 | 53 | 44 | ND | ND | ND | ND |
| | 11/12/2014 | 52 | 43 | ND | 3.9 | ND | ND |
| GEW-8 | 9/11/2014 | 50 | 43 | ND | ND | 3.7 | ND |
| | 10/6/2014 | 50 | 43 | ND | ND | 3.8 | ND |
| | 11/12/2014 | 47 | 44 | ND | 4.8 | 3.1 | 39 |
| | 12/9/2014 | 49 | 45 | ND | 3.9 | 1.7 | 38 |
| GEW-9 | 9/11/2014 | 53 | 44 | ND | ND | 0.77 | ND |
| | 10/6/2014 | 50 | 43 | ND | 5.9 | 0.55 | ND |
| | 11/12/2014 | 47 | 43 | ND | 8.6 | 0.5 | ND |
| | 12/9/2014 | 49 | 42 | ND | 7 | 0.77 | ND |
| GEW-40 | 9/11/2014 | 52 | 43 | ND | 3.9 | ND | ND |
| | 10/6/2014 | 52 | 44 | ND | ND | ND | ND |
| | 11/7/2014 | 53 | 43 | ND | 3.2 | ND | ND |
| | 12/9/2014 | 50 | 42 | 1.7 | 6.1 | ND | ND |
| GEW-41R | 9/11/2014 | 54 | 40 | ND | 5.2 | ND | ND |
| | 11/7/2014 | 49 | 37 | ND | 12 | ND | ND |
| GEW-42R | 9/11/2014 | 51 | 40 | ND | 8.8 | ND | ND |
| | 11/7/2014 | 52 | 37 | 1.6 | 9.7 | ND | ND |
| GEW-43R | 9/11/2014 | 53 | 42 | ND | 4.3 | 0.49 | ND |
| | 11/7/2014 | 54 | 41 | ND | 4.3 | 0.49 | ND |
| GEW-44R | 9/11/2014 | 51 | 39 | ND | 8.6 | ND | ND |
| | 11/11/2014 | 34 | 32 | ND | 33 | ND | ND |
| GEW-45R | 9/11/2014 | 56 | 39 | ND | 4.2 | ND | ND |
| | 11/11/2014 | 33 | 28 | 4.0 | 35 | ND | ND |
| GEW-46R | 9/11/2014 | 43 | 35 | 1.9 | 19 | 0.18 | ND |
| | 11/11/2014 | 48 | 35 | ND | 16 | 0.057 | ND |
| GEW-47R | 9/11/2014 | 48 | 39 | ND | 12 | 0.12 | ND |
| | 11/11/2014 | 22 | 28 | 2.1 | 48 | ND | ND |
| GEW-48 | 9/11/2014 | 55 | 42 | ND | ND | ND | ND |
| | 11/11/2014 | 47 | 38 | ND | 14 | 0.028 | ND |
| GEW-49 | 9/11/2014 | 46 | 39 | ND | 14 | ND | ND |
| | 11/11/2014 | 19 | 26 | 2.6 | 53 | ND | ND |
| GEW-50 | 9/11/2014 | 53 | 45 | ND | ND | 0.051 | ND |
| | 11/12/2014 | 47 | 39 | ND | 13 | 0.065 | ND |

Laboratory Analysis - Bridgeton Landfill

| Well Name | Date Sampled | Methane | CO ₂ | O ₂ /Argon | Nitrogen | Hydrogen | Carbon Monoxide |
|-----------|--------------|---------|-----------------|-----------------------|----------|----------|-----------------|
| | | (%) | | | | | |
| GEW-51 | 9/11/2014 | 49 | 44 | ND | ND | 3.5 | ND |
| | 11/11/2014 | 51 | 41 | ND | 5.8 | 1.1 | ND |
| GEW-52 | 9/11/2014 | 52 | 45 | ND | ND | ND | ND |
| | 11/12/2014 | 46 | 38 | ND | 16 | ND | ND |
| GEW-53 | 9/11/2014 | 47 | 43 | ND | ND | 7.9 | 64 |
| | 11/12/2014 | 49 | 43 | ND | 3.7 | 3.6 | 53 |
| GEW-54 | 9/11/2014 | 50 | 42 | ND | 3.9 | 3.6 | ND |
| | 11/7/2014 | 50 | 40 | ND | 5.7 | 3.6 | ND |
| GEW-55 | 9/11/2014 | 50 | 42 | ND | ND | 4.9 | 41 |
| | 10/6/2014 | 48 | 41 | ND | 5.6 | 3.5 | 35 |
| | 11/11/2014 | 51 | 42 | ND | 3.6 | 3.2 | 34 |
| | 12/9/2014 | 49 | 40 | 1.3 | 5 | 3.7 | 46 |

Laboratory Analysis - Bridgeton Landfill

| Well Name | Date Sampled | Methane | CO ₂ | O ₂ /Argon | Nitrogen | Hydrogen | Carbon Monoxide |
|--------------|--------------|---------|-----------------|-----------------------|----------|----------|-----------------|
| | | (%) | | | | | |
| South Quarry | | | | | | | |
| GEW-10 | 9/11/2014 | 40 | ND | 3.7 | 0.3 | ND | ND |
| | 10/6/2014 | 53 | 38 | 1.6 | 6.6 | 0 | ND |
| | 11/7/2014 | 52 | 36 | 2.3 | 8.8 | 0.3 | ND |
| | 12/8/201 | 43 | 34 | 4.5 | 18 | 0.6 | 56 |
| GEW-11 | 9/11/2014 | 1.9 | 65 | ND | ND | 28 | 2,400 |
| | 11/7/2014 | 1.9 | 63 | ND | 3.1 | 30 | 2,900 |
| GEW-14A | 9/11/2014 | 0.26 | 57 | ND | ND | 37 | 3,600 |
| | 11/6/2014 | 0.23 | 58 | ND | 3 | 35 | 4,200 |
| GEW-15 | 9/11/2014 | 0.15 | 56 | ND | ND | 39 | 2,700 |
| | 11/6/2014 | 0.15 | 57 | ND | 3.1 | 37 | 3,000 |
| GEW-16R | 9/11/2014 | 0.31 | 56 | ND | 3.3 | 37 | 2,800 |
| | 11/6/2014 | 0.42 | 58 | ND | ND | 37 | 3,000 |
| GEW-18R | 9/11/2014 | 0.17 | 58 | ND | ND | 36 | 3,100 |
| | 11/6/2014 | 0.22 | 59 | ND | ND | 35 | 3,500 |
| GEW-20A | 9/11/2014 | 0.71 | 73 | ND | ND | 22 | 4,800 |
| | 11/6/2014 | 3.6 | 43 | 8.4 | 32 | 12 | 2,300 |
| GEW-21A | 9/11/2014 | 0.29 | 67 | ND | ND | 28 | 4,400 |
| | 11/6/2014 | 0.3 | 51 | 5.2 | 19 | 23 | 3,800 |
| GEW-23A | 9/11/2014 | 2.8 | 61 | ND | ND | 31 | 3,400 |
| | 11/6/2014 | 1.3 | 61 | ND | 3.2 | 32 | 4,100 |
| GEW-24A | 9/11/2014 | 0.96 | 64 | 1.7 | 6.2 | 25 | 5,900 |
| | 11/6/2014 | 1.4 | 31 | 12.0 | 47 | 8.4 | 1,400 |
| GEW-25A | 9/11/2014 | 1.4 | 62 | ND | ND | 31 | 3,900 |
| | 11/6/2014 | 0.6 | 63 | ND | ND | 31 | 4,200 |
| GEW-26R | 9/11/2014 | 0.33 | 66 | 2.0 | 7.1 | 22 | 4,700 |
| | 11/6/2014 | 0.32 | 69 | ND | 5 | 22 | 5,700 |
| GEW-28R | 9/11/2014 | 1 | 47 | 4.8 | 17 | 28 | 7,400 |
| | 11/6/2014 | 1.3 | 61 | ND | 3.3 | 32 | 4,600 |
| GEW-29 | 9/11/2014 | 0.73 | 56 | ND | ND | 38 | 2,900 |
| | 11/6/2014 | 0.55 | 50 | 3.1 | 11 | 33 | 3,000 |
| GEW-34 | 9/11/2014 | 4.8 | 55 | 1.8 | 7.4 | 29 | 2,400 |
| | 11/7/2014 | 8.2 | 55 | 2.2 | 12 | 22 | 1,900 |
| GEW-34A | 9/11/2014 | 0.54 | 60 | ND | ND | 34 | 3,200 |
| | 11/7/2014 | 0.47 | 54 | 3.3 | 12 | 30 | 3,300 |
| GEW-35 | 9/11/2014 | 0.36 | 55 | 2.3 | 8.4 | 32 | 3,200 |
| | 11/7/2014 | 0.8 | 55 | 3.2 | 12 | 28 | 3,100 |
| GEW-38 | 9/11/2014 | 0.17 | 54 | ND | ND | 41 | 3,000 |
| | 10/6/2014 | 0.35 | 39 | 6.5 | 24 | 29 | 2,300 |
| | 11/7/2014 | 0.21 | 55 | 1.4 | 4.9 | 37 | 3,800 |
| | 12/8/201 | 0.2 | 50 | 2.8 | 10 | 35 | 3,600 |
| GEW-39 | 9/11/2014 | 35 | 54 | ND | ND | 8 | 410 |
| | 10/6/2014 | 35 | 54 | ND | ND | 7 | 290 |
| | 11/7/2014 | 31 | 56 | ND | ND | 9 | 600 |
| | 12/8/201 | 30 | 56 | ND | ND | 9.4 | 590 |

Laboratory Analysis - Bridgeton Landfill

| Well Name | Date Sampled | Methane | CO ₂ | O ₂ /Argon | Nitrogen | Hydrogen | Carbon Monoxide |
|-----------|--------------|---------|-----------------|-----------------------|----------|----------|-----------------|
| | | (%) | | | | | |
| GEW-56R | 9/11/2014 | 16 | 62 | ND | ND | 19 | 1,200 |
| | 10/6/2014 | 20 | 55 | ND | 12 | 11 | 570 |
| | 11/7/2014 | 17 | 53 | 1.9 | 17 | 10 | 770 |
| | 12/8/2014 | 17 | 54 | ND | 14 | 13 | 930 |
| GEW-57B | 11/5/2014 | 0.42 | 57 | ND | 3.2 | 37 | 3,100 |
| GEW-57R | 9/11/2014 | 0.36 | 58 | ND | ND | 36 | 2,900 |
| | 11/5/2014 | 0.35 | 43 | 6.3 | 23 | 26 | 2,400 |
| GEW-58 | 9/11/2014 | 0.37 | 58 | ND | ND | 36 | 3,100 |
| | 11/5/2014 | 0.7 | 55 | 1.9 | 7 | 33 | 3,200 |
| GEW-58A | 11/20/2014 | 0.39 | 54 | ND | ND | 41 | 3,000 |
| GEW-59R | 9/11/2014 | 1.2 | 55 | ND | ND | 39 | 1,600 |
| | 11/5/2014 | 1.3 | 54 | 1.7 | 6 | 36 | 1,700 |
| GEW-61B | 9/11/2014 | ND | 0.55 | 21.0 | 78 | 0.13 | ND |
| | 11/5/2014 | 0.0042 | 0.78 | 21.0 | 77 | 0.12 | 39 |
| GEW-65A | 9/11/2014 | 0.28 | 59 | ND | ND | 35 | 3,300 |
| | 11/5/2014 | 0.33 | 59 | ND | ND | 36 | 3,700 |
| GEW-70R | 9/11/2014 | 0.49 | 46 | 4.4 | 16 | 30 | 2,900 |
| | 11/5/2014 | 0.66 | 46 | 4.9 | 18 | 29 | 2,300 |
| GEW-71 | 9/11/2014 | 0.48 | 57 | ND | ND | 37 | 2,900 |
| | 11/5/2014 | 0.85 | 57 | ND | ND | 36 | 2,900 |
| GEW-75 | 9/11/2014 | 15 | 39 | 3.9 | 40 | 0.73 | 750 |
| | 11/6/2014 | 0.62 | 7.8 | 15.0 | 77 | 0.1 | ND |
| GEW-77 | 9/11/2014 | 0.062 | 2.5 | 21.0 | 76 | 0.87 | 21 |
| | 11/6/2014 | 0.0068 | 0.66 | 22.0 | 78 | 0.15 | 64 |
| GEW-80 | 9/11/2014 | 0.18 | 62 | ND | ND | 31 | 4,700 |
| | 11/6/2014 | 0.19 | 62 | ND | 3.2 | 32 | 5,500 |
| GEW-82R | 9/11/2014 | 0.79 | 57 | ND | ND | 37 | 2,600 |
| | 11/6/2014 | 0.79 | 58 | ND | ND | 36 | 3,000 |
| GEW-83 | 9/11/2014 | 0.0084 | 3.5 | 20.0 | 73 | 3.3 | 40 |
| | 11/5/2014 | 0.0032 | 1 | 21.0 | 77 | 0.46 | 90 |
| GEW-84 | 9/11/2014 | 1.6 | 64 | ND | ND | 29 | 3,700 |
| | 11/5/2014 | 1.6 | 64 | ND | 4.4 | 26 | 4,000 |
| GEW-85 | 9/11/2014 | 0.1 | 28 | 12.0 | 44 | 14 | 1,700 |
| GEW-86 | 9/11/2014 | 0.21 | 63 | ND | ND | 31 | 4,700 |
| | 11/5/2014 | 0.33 | 60 | ND | ND | 33 | 4,300 |
| GEW-90 | 11/7/2014 | 0.79 | 55 | ND | 4 | 37 | 3,100 |
| GEW-101 | 9/11/2014 | 1.2 | 48 | 7.5 | 28 | 14 | 1,700 |
| | 11/7/2014 | 1.3 | 64 | 2.9 | 11 | 20 | 3,600 |
| GEW-102 | 9/11/2014 | 1.6 | 63 | ND | 4.4 | 28 | 3,500 |
| | 11/7/2014 | 0.51 | 39 | 7.3 | 26 | 25 | 1,900 |
| GEW-103 | 9/11/2014 | 2.3 | 21 | 14.0 | 54 | 8 | 860 |
| | 11/7/2014 | 0.0098 | 0.88 | 21.0 | 77 | 0.27 | 49 |
| GEW-104 | 9/11/2014 | 0.4 | 53 | 2.9 | 11 | 31 | 2,600 |
| | 11/5/2014 | 0.41 | 51 | 4.2 | 15 | 27 | 2,500 |
| GEW-105 | 9/11/2014 | 9.3 | 53 | 5.5 | 20 | 11 | 1,200 |
| | 11/7/2014 | 9 | 56 | 5.0 | 18 | 11 | 1,100 |

Laboratory Analysis - Bridgeton Landfill

| Well Name | Date Sampled | Methane | CO ₂ | O ₂ /Argon | Nitrogen | Hydrogen | Carbon Monoxide |
|-----------|--------------|---------|-----------------|-----------------------|----------|----------|-----------------|
| | | (%) | | | | | |
| GEW-107 | 9/11/2014 | 0.29 | 23 | 13.0 | 48 | 14 | 1,500 |
| | 11/7/2014 | 0.15 | 3.8 | 20.0 | 75 | 0.47 | 110 |
| GEW-109 | 9/11/2014 | 2.3 | 53 | 1.6 | 5.7 | 36 | 1,800 |
| | 10/6/2014 | 2.2 | 56 | ND | 3.5 | 35 | 1,800 |
| | 11/7/2014 | 1.4 | 57 | ND | 4.1 | 35 | 2,400 |
| | 12/8/2014 | 1.4 | 56 | ND | 3.4 | 37 | 2,400 |
| GEW-110 | 9/11/2014 | 3.7 | 29 | 8.6 | 37 | 21 | 1,300 |
| | 10/6/2014 | 0.75 | 6.5 | 18.0 | 70 | 3.7 | 440 |
| | 11/7/2014 | 0.56 | 4.1 | 20.0 | 72 | 3 | 260 |
| | 12/8/2014 | 1.9 | 27 | 11.0 | 40 | 20 | 2,200 |
| GEW-112 | 9/11/2014 | 0.28 | 34 | 8.9 | 33 | 22 | 1,900 |
| GEW-116 | 9/11/2014 | 25 | 65 | ND | ND | 4.7 | 690 |
| | 11/6/2014 | 1.9 | 8.3 | 19.0 | 69 | 1.7 | 280 |
| GEW-117 | 9/11/2014 | 48 | 43 | 1.8 | 6.5 | 0.21 | ND |
| GIW-1 | 10/6/2014 | 1.4 | 64 | ND | 3.3 | 28 | 2,900 |
| | 11/12/2014 | 1.1 | 63 | ND | 4.6 | 29 | 3,500 |
| | 12/9/2014 | 1.2 | 62 | 1.6 | 5.7 | 28 | 3,700 |
| GIW-2 | 10/6/2014 | 1.8 | 70 | ND | ND | 23 | 3,100 |
| | 11/12/2014 | 1.6 | 62 | ND | 4.1 | 30 | 3,800 |
| | 12/9/2014 | 1.9 | 63 | ND | 2.7 | 31 | 4,000 |
| GIW-3 | 10/6/2014 | 0.48 | 64 | ND | ND | 31 | 3,300 |
| | 11/12/2014 | 0.31 | 60 | ND | ND | 36 | 3,800 |
| | 12/9/2014 | 0.32 | 52 | 3.3 | 12 | 32 | 3,500 |
| GIW-4 | 10/6/2014 | 0.33 | 61 | ND | ND | 34 | 3,800 |
| | 11/12/2014 | 0.42 | 62 | ND | 4.4 | 31 | 4,700 |
| | 12/9/2014 | 0.48 | 59 | 1.6 | 5.5 | 33 | 4,800 |
| GIW-5 | 10/6/2014 | 0.46 | 63 | ND | ND | 32 | 3,300 |
| | 12/9/2014 | 0.58 | 63 | ND | ND | 34 | 4,000 |
| GIW-6 | 10/6/2014 | 0.65 | 65 | ND | ND | 29 | 2,400 |
| | 11/12/2014 | 0.73 | 64 | ND | 4 | 29 | 2,600 |
| | 12/9/2014 | 0.8 | 65 | ND | ND | 30 | 2,600 |
| GIW-7 | 10/6/2014 | 2.1 | 71 | ND | ND | 21 | 2,100 |
| | 11/12/2014 | 17 | 36 | 6.5 | 24 | 16 | 1,400 |
| | 12/9/2014 | 25 | 47 | 2.2 | 7.9 | 17 | 1,600 |
| GIW-8 | 10/6/2014 | 34 | 50 | ND | 4.9 | 8.7 | 580 |
| | 11/12/2014 | 22 | 63 | ND | 3.5 | 10 | 1,100 |
| | 12/9/2014 | 17 | 66 | ND | 2.9 | 13 | 2,000 |
| GIW-9 | 10/6/2014 | 0.48 | 68 | ND | ND | 26 | 3,700 |
| | 11/12/2014 | 0.59 | 65 | ND | 3.3 | 29 | 4,300 |
| | 12/9/2014 | 0.69 | 66 | ND | 2.8 | 28 | 4,200 |
| GIW-10 | 10/6/2014 | 0.19 | 73 | ND | ND | 21 | 4,300 |
| | 11/12/2014 | 0.23 | 59 | ND | ND | 38 | 4,400 |
| | 12/9/2014 | 0.33 | 65 | 1.4 | 5.2 | 27 | 6,800 |
| GIW-11 | 10/6/2014 | 1.5 | 53 | 2.4 | 8.8 | 33 | 2,600 |
| | 11/12/2014 | 1.7 | 63 | ND | ND | 33 | 3,500 |
| | 12/9/2014 | 1.8 | 61 | 1.4 | 5 | 30 | 3,500 |

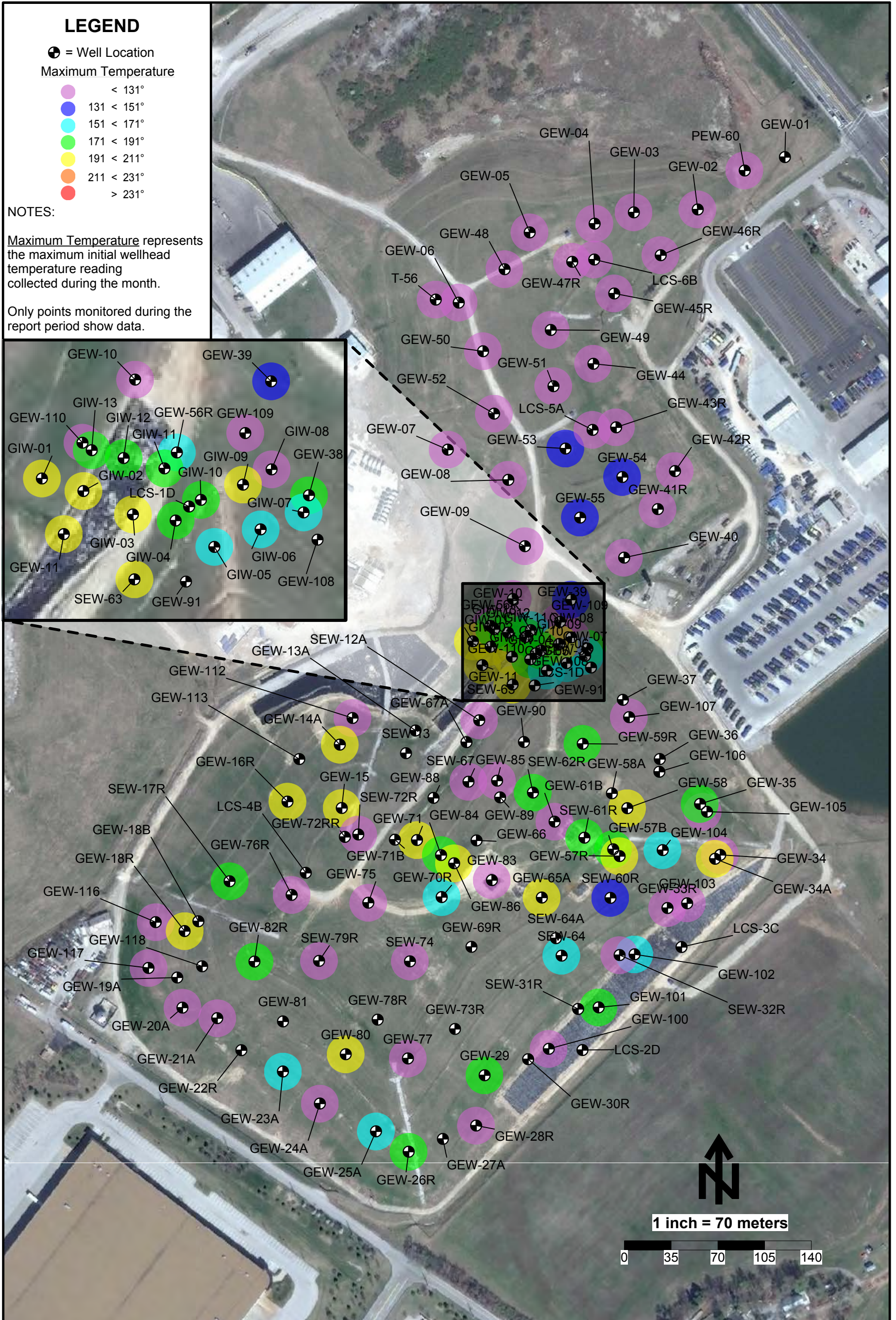
Laboratory Analysis - Bridgeton Landfill

| Well Name | Date Sampled | Methane | CO ₂ | O ₂ /Argon | Nitrogen | Hydrogen | Carbon Monoxide |
|-----------|--------------|---------|-----------------|-----------------------|----------|----------|-----------------|
| | | (%) | | | | | |
| GIW-12 | 10/6/2014 | 2 | 57 | 1.9 | 7.3 | 30 | 2,000 |
| | 11/12/2014 | 2.2 | 55 | 2.5 | 9.4 | 30 | 2,600 |
| | 12/9/2014 | 2.5 | 58 | 1.6 | 6 | 31 | 2,900 |
| GIW-13 | 10/6/2014 | 2.9 | 59 | ND | ND | 34 | 2,000 |
| | 11/12/2014 | 2.4 | 61 | ND | 3.3 | 32 | 2,700 |
| | 12/9/2014 | 2.6 | 62 | ND | 2.7 | 32 | 2,900 |
| INLET | 9/11/2014 | 10 | 44 | 6.3 | 26 | 13 | 1,300 |
| | 10/6/2014 | 9.7 | 40 | 7.2 | 29 | 12 | 1,300 |
| | 11/20/2014 | 7.4 | 32 | 10.0 | 39 | 11 | 1,200 |
| | 12/9/2014 | 6.5 | 27 | 12.0 | 46 | 8.3 | 1,000 |

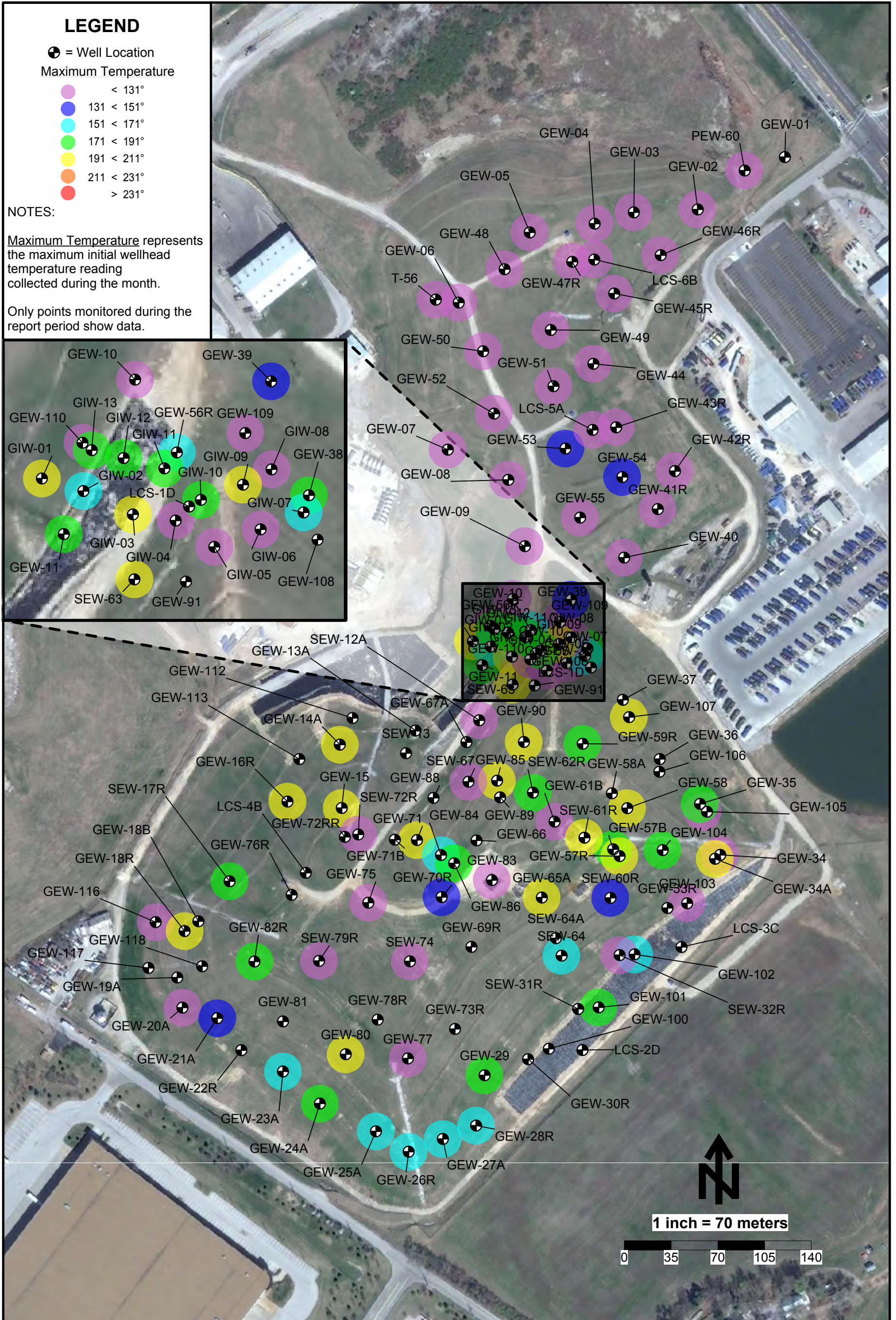
ND = Analyte not detected in sample.

ATTACHMENT G

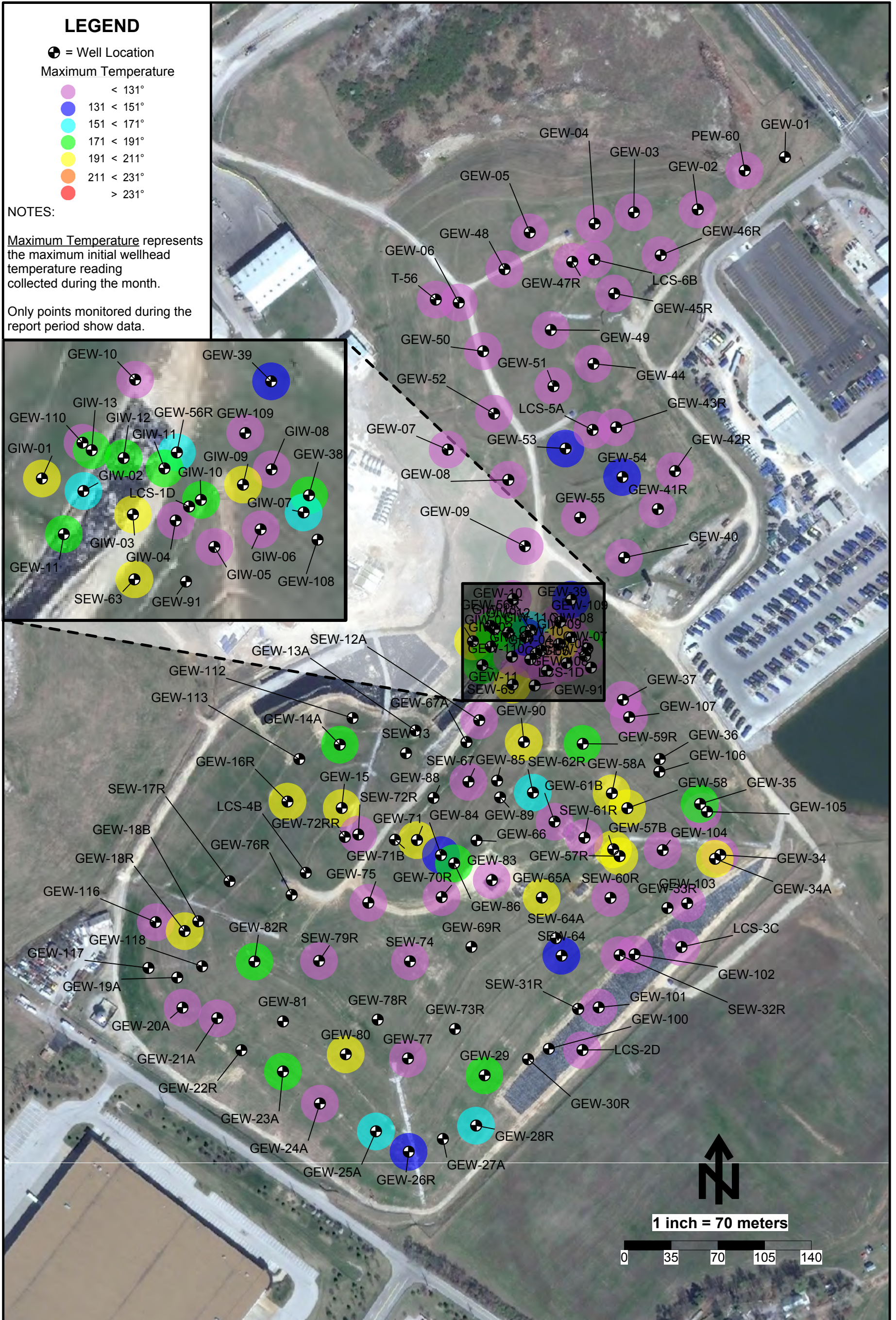
WELLHEAD TEMPERATURE MAPS



Initial Temperature Maximums - September 2014 - Bridgeton Landfill



Initial Temperature Maximums - October 2014 - Bridgeton Landfill



Initial Temperature Maximums - November 2014 - Bridgeton Landfill

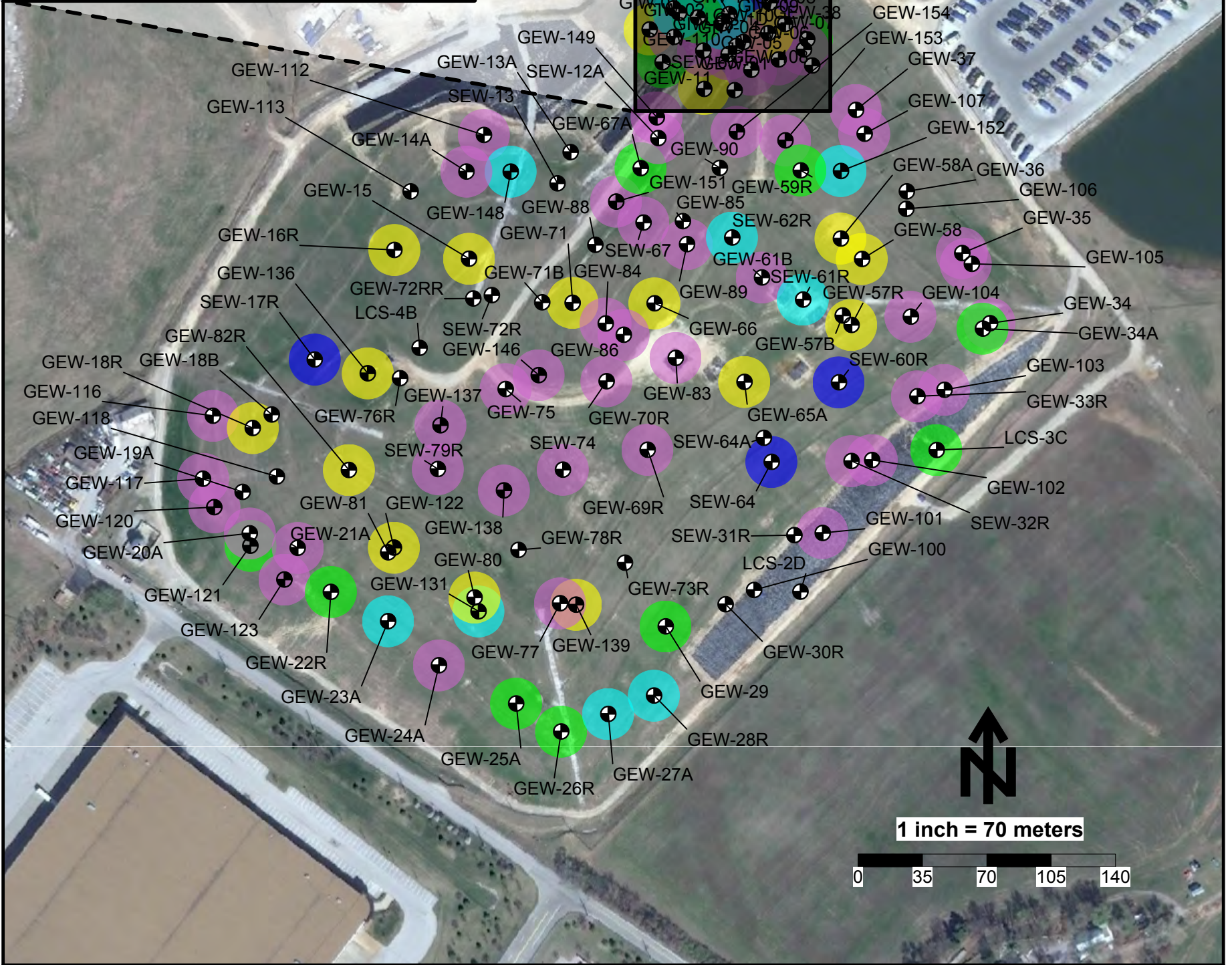
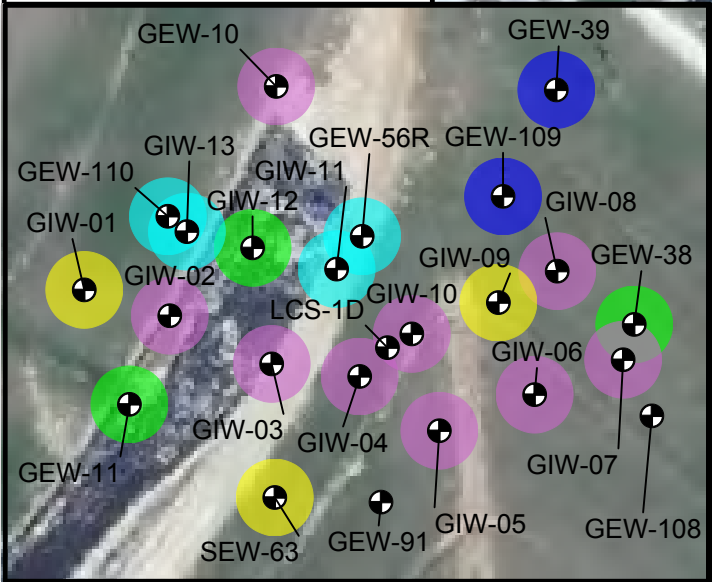
LEGEND

- ⊕ = Well Location
- Maximum Temperature
 - < 131°
 - 131 < 151°
 - 151 < 171°
 - 171 < 191°
 - 191 < 211°
 - 211 < 231°
 - > 231°

NOTES:

Maximum Temperature represents the maximum initial wellhead temperature reading collected during the month.

Only points monitored during the report period show data.



Initial Temperature Maximums - December 2014 - Bridgeton Landfill

ATTACHMENT H

SUMMARY OF ODOR COMPLAINTS

December 1, 2014 – December 31, 2014 / MDNR Odor Complaints

Name: BrieAnn McCormick

Message: Odor logged December 1, 2014, at 12:34 pm, strength of 7

Follow-up: The following odor concern was investigated within the hour of receipt. No odor related to the Bridgeton Landfill could be observed at that time.

Name: Kathy Bell

Message: Odor logged December 1, 2014, at 1:03 pm, strength of 8

Follow-up: The following odor concern has been investigated by Bridgeton Landfill staff. At the time this concern was made, an investigation was already being performed in the area cited due to another reported concern. No odor related to the Bridgeton Landfill could be observed.

Name: Robbin Dailey

Message: Odor logged December 1, 2014, at 1:55 pm, strength of 7

Follow-up: The following odor concern has been investigated by Bridgeton Landfill staff. Although this was not filed in real-time, a Bridgeton landfill odor self-inspection was performed in close proximity to the time and location cited in this concern. No odor related to the Bridgeton Landfill was observed.

Name: Michael Dailey

Message: Odor logged December 1, 2014, at 2:01 pm, strength of 7

Follow-up: The following odor concern has been investigated by Bridgeton Landfill staff. Although this was not filed in real-time, a Bridgeton landfill odor self-inspection was performed in close proximity to the time and location cited in this concern. No odor related to the Bridgeton Landfill was observed.

Name: Michael Dailey

Message: Odor logged December 1, 2014, at 7:15 pm, strength of 7

Follow-up: The following odor concern has been investigated by Bridgeton Landfill staff. Although this was not filed in real-time, a Bridgeton landfill odor self-inspection was performed in close proximity to the time and location cited in this concern (timestamp on reading was 18:48, approximately 30 minutes before this observation, another round was conducted two hours later, also observing no odor). No odor related to the Bridgeton Landfill was observed.

Name: Michael Dailey

Message: Odor logged December 1, 2014, at 7:15 pm, strength of 7

Follow-up: The following odor concern has been investigated by Bridgeton Landfill staff. Although this was not filed in real-time, a Bridgeton landfill odor self-inspection was performed in close proximity to the time and location cited in this concern (timestamp on reading was 18:48, approximately 30 minutes before this observation, another round was conducted two hours later, also observing no odor). No odor related to the Bridgeton Landfill was observed.

Name: Greg and Ellen Wortham

Message: Odor logged December 5, 2014, at 7:38 pm, strength of 6

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. At the time of this concern, work had ceased on the site. A self-inspection performed approximately 2-3 hours prior to this concern and after work had ceased observed no off-site odor related to the Bridgeton Landfill. Self-inspection performed approximately 2 hours after this concern observed no off-site odor and multiple site checks found no infrastructure issues that could potentially cause off-site odor. This is not believed to have been a Bridgeton Landfill odor.

Name: Debbie Neuman

Message: Odor logged December 6, 2014, at 8:00 am, strength of 10

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. At the time of this concern drilling related to the installation of gas extraction wells was being performed on-site. Odor related to the Bridgeton Landfill was observed off-site despite best odor control methods. Additional odor control devices have been procured and implemented on the site since this report. This was likely a Bridgeton Landfill related odor.

Name: Kathy Bell

Message: Odor logged December 6, 2014, at 8:04 pm, strength of 8

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. At the time of this concern, work had ceased on the site. A self-inspection performed approximately 2-3 hours prior to this concern and after work had ceased observed no off-site odor related to the Bridgeton Landfill. Self-inspection performed approximately 2 hours after this concern observed no off-site odor and multiple site checks found no infrastructure issues that could potentially cause off-site odor. This is not believed to have been a Bridgeton Landfill odor.

Name: Kathy Bell

Message: Odor logged December 6, 2014, at 8:52 am, strength of 9

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. At the time of this concern, drilling related to the installation of gas extraction wells was being performed on-site. Odor related to the Bridgeton Landfill was observed off-site despite best odor control methods. Additional odor control devices have been procured and implemented on the site since this report. This was likely a Bridgeton Landfill related odor.

Name: Daniel Schwent

Message: Odor logged December 6, 2014, at 9:06 am, strength of 7

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. The location of this concern is at a distance greater than any observed Bridgeton Landfill originating odor previously observed or verified. Wind direction was due north at the time of this concern, placing this location outside the down-wind corridor of the Bridgeton Landfill. It is immediately adjacent to and directly down-wind of another known odor source; this odor source had observed odor over this weekend in this area. This is not believed to have been a Bridgeton Landfill odor.

Name: Robbin Dailey

Message: Odor logged December 6, 2014, at 9:10 am, strength of 10

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. At the time of this concern, drilling related to the installation of gas extraction wells was being performed on-site. Odor related to the Bridgeton Landfill was observed off-site despite best odor control methods. Additional odor control devices have been procured and implemented on the site since this report. This was likely a Bridgeton Landfill related odor.

Name: Michael Dailey

Message: Odor logged December 6, 2014, at 9:10 am, strength of 10

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. At the time of this concern, drilling related to the installation of gas extraction wells was being performed on-site. Odor related to the Bridgeton Landfill was observed off-site despite best odor control methods. Additional odor control devices have been procured and implemented on the site since this report. This was likely a Bridgeton Landfill related odor.

Name: Robbin Dailey

Message: Odor logged December 6, 2014, at 11:00 am, strength of 3

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. At the time of this concern, drilling related to the installation of gas extraction wells was being performed on-site. Odor related to the Bridgeton Landfill was observed off-site despite best odor control methods. Additional odor control devices have been procured and implemented on the site since this report. This was likely a Bridgeton Landfill related odor.

Name: Michael Dailey

Message: Odor logged December 6, 2014, at 11:01 am, strength of 3

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. At the time of this concern, drilling related to the installation of gas extraction wells was being performed on-site. Odor related to the Bridgeton Landfill was observed off-site despite best odor control methods. Additional odor control devices have been procured and implemented on the site since this report. This was likely a Bridgeton Landfill related odor.

Name: Michael Dailey

Message: Odor logged December 6, 2014, at 1:35 pm, strength of 5

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. At the time of this concern, drilling related to the installation of gas extraction wells was being performed on-site. Odor related to the Bridgeton Landfill was observed off-site despite best odor control methods. Additional odor control devices have been procured and implemented on the site since this report. This was likely a Bridgeton Landfill related odor.

Name: Dailey

Message: Odor logged December 6, 2014, at 1:36 pm, strength of 5

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. At the time of this concern, drilling related to the installation of gas extraction wells was being performed on-site. Odor related to the Bridgeton Landfill was observed off-site despite best odor control methods. Additional odor control devices have been procured and implemented on the site since this report. This was likely a Bridgeton Landfill related odor.

Name: Kathy Bell

Message: Odor logged December 08, 2014, at 11:05 am, strength of 6

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. At approximately 11:30 AM, Bridgeton Landfill odor observation staff went past this location and stopped at several locations in close proximity to it and did not observe odor related to the Bridgeton

Landfill. No odor related to the Bridgeton Landfill has been observed so far today along the St. Charles Rock Road boundary.

Name: Old Saint Charles Road, Bgton, MO 63044 (No name listed)

Message: Odor logged December 6, 2014, at 12:30 pm, strength of 6

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. At the time of this concern, drilling related to the installation of gas extraction wells was being performed on-site. Odor related to the Bridgeton Landfill was observed off-site despite best odor control methods. Additional odor control devices have been procured and implemented on the site since this report. This was likely a Bridgeton Landfill related odor.

Name: Greg and Ellen Wortham

Message: Odor logged December 6, 2014, at 1:24 pm, strength of 3

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. At the time of this concern, drilling related to the installation of gas extraction wells was being performed on-site. Odor related to the Bridgeton Landfill was observed off-site despite best odor control methods. Additional odor control devices have been procured and implemented on the site since this report. This was likely a Bridgeton Landfill related odor.

Name: Debbie Neuman

Message: Odor logged December 8, 2014, at 5:29 pm, strength of 10

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. At the time of this concern, a strong western wind was present throughout the region. All work on the Bridgeton Landfill site had ceased and an evening odor inspection observed no odor related to the Bridgeton Landfill in this area. A known odor source is located directly west of this location and winds were at a vector consistent with the odor location in this concern and blew in that vector throughout the afternoon and evening. It is unlikely this was a Bridgeton Landfill odor.

Name: Kathy Bell

Message: Odor logged December 9, 2014, at 11:54 am, strength of 7

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. As part of routine site inspections, Bridgeton Landfill staff were at an intersection in close proximity to this specific concern at 11:43 AM. An odor related to the Bridgeton Landfill was observed, but at <2 Nasal Ranger magnitude. No work that would generate additional odor has occurred in the interim, so this was likely the same odor observed in this concern.

Name: Kathy Bell

Message: Odor logged December 9, 2014, at 4:07 pm, strength of 5

Follow-up: The following concern has been investigated by Bridgeton Landfill staff immediately after receipt. A very faint, intermittent odor potentially associated with landfill gas could be detected. This was below Nasal Ranger D/T value of 2 (the lowest dilution value). The odor was also periodically overpowered completely by a local wood fire (likely associated with a wood stove heater) from somewhere in the immediate vicinity.

Name: Debbie Neuman

Message: Odor logged December 10, 2014, at 8:53 am, strength of 10

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. At approximately 9:00 AM, Bridgeton Landfill staff drove the length of Boenker Ln. and did not detect any landfill related odor at multiple points between this concern location and the Bridgeton Landfill. Winds have been of a consistent eastern vector with little north/south displacement. Thus far today, no odor related to the Bridgeton Landfill has been observed throughout the neighborhood from which this concern originated. This is not believed to have been a Bridgeton Landfill odor.

Name: Sister Marylu Stueber

Message: Odor logged December 10, 2014, at 10:00 am, strength of 7

Follow-up: The following concern lacks location data (it displays the default latitude/longitude coordinates that are inside Bridgeton Landfill property).As a result, this concern cannot be investigated.

Name: Kathy Bell

Message: Odor logged December 10, 2014, at 10:35 am, strength of 7

Follow-up: The following odor concern has been investigated by Bridgeton Landfill staff. At approximately 10:30 AM, Bridgeton Landfill staff were in this location investigating the potential for off-site odor. No odor was observed at this location. A narrow band of odor was observed approximately 100 feet away; this odor was <2 on the Nasal Ranger odor classification system at that time. Multiple inspections have since been performed in this area with the only observable odor exhibited in a narrow band with intermittent levels >2 and one brief instance when a >4 was observed and was not detected again (approximately 2-3 seconds twice within 30 seconds during an extended observation consisting entirely of cycling through NR D/T values >2, blank, >4, blank, repeat).

Name: Kathy Bell

Message: Odor logged December 10, 2014, at 4:07 pm, strength of 5

Follow-up: The following concern was investigated immediately upon receipt by Bridgeton Landfill staff. At the intersection referenced in this concern, no odor related to the Bridgeton Landfill could be observed. This observation took place from approximately 4:20 PM to 4:30 PM.

Name: Greg and Ellen Wortham

Message: Odor logged December 11, 2014, at 11:00 am, strength of 4

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. At the time of this concern, a wind originating from the southwest had begun to pass through the region. This wind front placed the Bridgeton Landfill directly down-wind from the concern location, with multiple known odor sources directly up-wind. This is not believed to have been a Bridgeton Landfill odor.

Name: Robbin Dailey

Message: Odor logged December 11, 2014, at 1:29 am, strength of 2

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. At the time of this concern, Bridgeton Landfill staff were performing an odor self-inspection with multiple points in close proximity to this concern. No odor was observed. No odor related to the Bridgeton Landfill was observed off-site throughout the inspection. Winds have been calm with a slight southwest component since shortly before 11:00 AM.

Name: Michael Dailey

Message: Odor logged December 11, 2014, at 1:29 am, strength of 2

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. At the time of this concern, Bridgeton Landfill staff were performing an odor self-inspection with multiple points in close proximity to this concern. No odor was observed. No odor related to the Bridgeton Landfill was observed off-site throughout the inspection. Winds have been calm with a slight southwest component since shortly before 11:00 AM.

Name: Robbin Dailey

Message: Odor logged December 11, 2014, at 2:15 pm, strength of 10

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. At the time of this concern, odor management staff was performing an evaluation of odor control methods for the only invasive act occurring on-site: the drilling of additional gas extraction wells. No odor could be observed on-site or at site boundaries greater than 20 feet from the drilling. This was observed in all four directions of the drilling operation at equal, higher, and lower elevations. As there was minimal migration away from the activity and no migration observed at the site boundaries, there is no indication that any odor related to the Bridgeton Landfill left the site at the time specified.

Name: Michael Dailey

Message: Odor logged December 11, 2014, at 2:15 pm, strength of 10

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. At the time of this concern, odor management staff was performing an evaluation of odor control methods for the only invasive act occurring on-site: the drilling of additional gas extraction wells. No odor could be observed on-site or at site boundaries greater than 20 feet from the drilling. This was observed in all four directions of the drilling operation at equal, higher, and lower elevations. As there was minimal migration away from the activity and no migration observed at the site boundaries, there is no indication that any odor related to the Bridgeton Landfill left the site at the time specified.

Name: Greg and Ellen Wortham

Message: Odor logged December 11, 2014, at 4:04 pm, strength of 8

Follow-up: The following is part of a group of concerns all from within the Spanish Village neighborhood. These concerns were investigated immediately upon receipt, within 10-15 minutes of the cited time of odor observation. No odor related to the Bridgeton Landfill was observed throughout the Spanish Village neighborhood.

Name: Kathy Bell

Message: Odor logged December 11, 2014, at 4:07 pm, strength of 10

Follow-up: The following is part of a group of concerns all from within the Spanish Village neighborhood. These concerns were investigated immediately upon receipt, within 10-15 minutes of the cited time of odor observation. No odor related to the Bridgeton Landfill was observed throughout the Spanish Village neighborhood.

Name: Robbin Dailey

Message: Odor logged December 11, 2014, at 4:08 pm, strength of 10

Follow-up: The following is part of a group of concerns all from within the Spanish Village neighborhood. These concerns were investigated immediately upon receipt, within 10-15 minutes of the cited time of odor observation. No odor related to the Bridgeton Landfill was observed throughout the Spanish Village neighborhood.

Name: Michael Dailey

Message: Odor logged December 11, 2014, at 4:10 pm, strength of 10

Follow-up: The following is part of a group of concerns all from within the Spanish Village neighborhood. These concerns were investigated immediately upon receipt, within 10-15 minutes of the cited time of odor observation. No odor related to the Bridgeton Landfill was observed throughout the Spanish Village neighborhood.

Name: Donna Klocke

Message: Odor logged December 11, 2014, at 4:34 pm, strength of 10

Follow-up: The following odor concern {lacks?} critical time data for thorough investigation. No odor was observed along the eastern boundary of the site at any point yesterday, but as there was significant wind variability yesterday, the time of observation is essential for true assessment.

Name: Donna Klocke

Message: Odor logged December 11, 2014, at 4:36 pm, strength of 10

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. No odor related to the Bridgeton Landfill was observed at multiple points off-site between the Bridgeton Landfill and this location shortly before, during, and shortly after the time of concern given. This was not a Bridgeton Landfill odor.

Name: 3426-3484 Foerster Road, Bgton, MO 63044 (No name listed)

Message: Odor logged December 11, 2014, at 4:09 pm, strength of 3

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. This concern references the same time window as a group of concerns that were investigated immediately upon receipt, within 10 minutes of the given observation in this filing. The location given for this concern is in a similar area, traversed twice in the investigation of the other concerns, and immediately next to a location where observations are routinely taken. No odor related to the Bridgeton Landfill was observed.

Name: Robbin Dailey

Message: Odor logged December 12, 2014, at 2:00 pm, strength of 5

Follow-up: The following concern was investigated promptly upon receipt by Bridgeton Landfill staff. No odor related to the Bridgeton Landfill was observed.

Name: Michael Dailey

Message: Odor logged December 12, 2014, at 2:00 pm, strength of 5

Follow-up: The following concern was investigated promptly upon receipt by Bridgeton Landfill staff. No odor related to the Bridgeton Landfill was observed.

Name: Kathy Bell

Message: Odor logged December 15, 2014, at 11:34 am, strength of 6

Follow-up: The following odor concern has been investigated by Bridgeton Landfill staff. As this was not submitted within the one hour window for real-time reporting, this could not be investigated in real-time. However, Bridgeton staff were in close proximity to this concern location shortly following the given time and did not observe any Bridgeton Landfill odor. No Bridgeton Landfill odor has been observed off-site during self-inspection rounds.

Name: Debbie Neuman

Message: Odor logged December 16, 2014, at 8:16 pm, strength of 10

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. A Bridgeton Landfill odor self-inspection was performed from 8:11 PM to 9:05 PM and no odor related to the Bridgeton Landfill was detected. Winds were consistently of a WNW or NW vector, placing this location outside the downwind corridor of the Bridgeton Landfill.

Name: Debbie Neuman

Message: Odor logged December 16, 2014, at 9:13 pm, strength of 10

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. A Bridgeton Landfill odor self-inspection was performed from 8:11 PM to 9:05 PM and no odor related to the Bridgeton Landfill was detected. Winds were consistently of a WNW or NW vector, placing this location outside the downwind corridor of the Bridgeton Landfill.

Name: Jennifer Huber

Message: Odor logged December 18, 2014, at 1:58 pm, strength of 2

Follow-up: The following concern was investigated immediately upon receipt. A faint garbage odor could be observed, inconsistent with any Bridgeton Landfill odor. This is not believed to have been a Bridgeton Landfill odor.

Name: Kathy Bell

Message: Odor logged December 22, 2014, at 12:49 pm, strength of 6

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. An odor self-inspection was performed approximately 20 minutes after this concern. No Bridgeton Landfill-related odor was observed at this location. Winds were of a consistent southeast/east origin, placing this location upwind of the Bridgeton Landfill at the time of this concern.

Name: Kathy Bell

Message: Odor logged December 22, 2014, at 3:52 pm, strength of 7

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. No odor was observed off-site during a self-inspection performed approximately two hours before this concern. Winds were of a southeast/east origin, placing this location upwind of the Bridgeton Landfill.

Name: Dawn Chapman

Message: Odor logged December 29, 2014, at 6:55 pm, strength of 8

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. No off-site odor was observed during multiple odor self-inspections before and after this concern. No technical interruptions were experienced on the day of this concern.

Name: Jennifer Huber

Message: Odor logged December 30, 2014, at 6:35 pm, strength of 8

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. No off-site odor was observed during multiple odor self-inspections before and after this concern. No technical interruptions were experienced on the day of this concern.

Name: Kathy Bell

Message: Odor logged December 30, 2014, at 7:06 pm, strength of 6

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. No off-site odor was observed during multiple odor self-inspections before and after this concern. No technical interruptions were experienced on the day of this concern.

Name: Debbie Neuman

Message: Odor logged December 31, 2014, at 5:05 pm, strength of 10

Follow-up: The following concern has been investigated by Bridgeton Landfill staff. No odor related to the Bridgeton Landfill was observed off-site during site self-monitoring events. At the time cited, for several hours prior, and for several hours after winds throughout the area were of a consistent west to southwest vector, placing this location upwind of the Bridgeton Landfill. This is not believed to have been a Bridgeton Landfill odor.

ATTACHMENT I

LIQUID CHARACTERIZATION DATA

The Liquid Characterization Data for December 2014 consists of 479 pages of laboratory results.

In order to make this Monthly Report a manageable electronic document, the Liquid Characterization Data will be provided in a separate file.

ATTACHMENT J

LIQUID TRANSPORT MANIFEST LOGS

Manifest Summary

Bridgeton Landfill Liquids

| Load ID | Waste | Disposal Facility | Source | Transporter | Qty (gal) | Manifest No. | Clerk |
|---------|-------|-------------------|--------|-------------|-----------|--------------|-------|
|---------|-------|-------------------|--------|-------------|-----------|--------------|-------|

Loading Date 12/1/2014

| | | | | | | | |
|----|--------------------------------|----------------------|--------------|----------------------|---------|------------|---------------|
| 0 | Non-Hazardous Leachate for MSD | MSD - Missouri River | Tank AST 96k | MSD Direct Discharge | 204,643 | 2014-12-01 | |
| 1 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103111 | Brandon Syrja |
| 2 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103112 | Brandon Syrja |
| 3 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103113 | Brandon Syrja |
| 4 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103114 | Brandon Syrja |
| 5 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103115 | Brandon Syrja |
| 6 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103116 | Brandon Syrja |
| 7 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103117 | Brandon Syrja |
| 8 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103118 | Brandon Syrja |
| 9 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103119 | Brandon Syrja |
| 10 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103120 | Brandon Syrja |
| 11 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103121 | Brandon Syrja |
| 12 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103122 | Brandon Syrja |

13

294,643

Loading Date 12/2/2014

| | | | | | | | |
|---|--------------------------------|----------------------|--------------|----------------------|---------|------------|---------------|
| 0 | Non-Hazardous Leachate for MSD | MSD - Missouri River | Tank AST 96k | MSD Direct Discharge | 188,186 | 2014-12-02 | |
| 1 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103123 | Brandon Syrja |
| 2 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103124 | Brandon Syrja |
| 3 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103125 | Brandon Syrja |
| 4 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103126 | Brandon Syrja |
| 5 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103127 | Brandon Syrja |

| Load ID | Waste | Disposal Facility | Source | Transporter | Qty (gal) | Manifest No. | Clerk |
|-----------|--------------------------------|---------------------|---------|-------------|----------------|--------------|---------------|
| 6 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103128 | Brandon Syrja |
| 7 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103129 | Brandon Syrja |
| 8 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103130 | Brandon Syrja |
| 9 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103131 | Brandon Syrja |
| 10 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103132 | Brandon Syrja |
| 11 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103133 | Brandon Syrja |
| 12 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103134 | Brandon Syrja |
| 13 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103135 | Brandon Syrja |
| 14 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103136 | Brandon Syrja |
| 15 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103137 | Brandon Syrja |
| 16 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103138 | Brandon Syrja |
| 17 | | | | | 308,186 | | |

Loading Date 12/3/2014

| | | | | | | | |
|----|--------------------------------|----------------------|--------------|----------------------|---------|------------|---------------|
| 0 | Non-Hazardous Leachate for MSD | MSD - Missouri River | Tank AST 96k | MSD Direct Discharge | 189,592 | 2014-12-03 | |
| 1 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103139 | Brandon Syrja |
| 2 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103140 | Brandon Syrja |
| 3 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103141 | Brandon Syrja |
| 4 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103142 | Brandon Syrja |
| 5 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103143 | Brandon Syrja |
| 6 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103144 | Brandon Syrja |
| 7 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103145 | Brandon Syrja |
| 8 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103146 | Brandon Syrja |
| 9 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103147 | Brandon Syrja |
| 10 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103148 | Brandon Syrja |

| Load ID | Waste | Disposal Facility | Source | Transporter | Qty (gal) | Manifest No. | Clerk |
|---------|--------------------------------|---------------------|---------|-------------|-----------|--------------|---------------|
| 11 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103149 | Brandon Syrja |
| 12 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103150 | Brandon Syrja |
| 13 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103151 | Brandon Syrja |
| 14 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103152 | Brandon Syrja |
| 15 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103153 | Brandon Syrja |
| 16 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103154 | Brandon Syrja |

17

309,592

Loading Date 12/4/2014

| | | | | | | | |
|----|--------------------------------|----------------------|--------------|----------------------|---------|------------|---------------|
| 0 | Non-Hazardous Leachate for MSD | MSD - Missouri River | Tank AST 96k | MSD Direct Discharge | 178,118 | 2014-12-04 | |
| 1 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103155 | Brandon Syrja |
| 2 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103156 | Brandon Syrja |
| 3 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103157 | Brandon Syrja |
| 4 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103158 | Brandon Syrja |
| 5 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103159 | Brandon Syrja |
| 6 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103160 | Brandon Syrja |
| 7 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103161 | Brandon Syrja |
| 8 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103162 | Brandon Syrja |
| 9 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103163 | Brandon Syrja |
| 10 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103164 | Brandon Syrja |
| 11 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103165 | Brandon Syrja |
| 12 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103166 | Brandon Syrja |
| 13 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103167 | Brandon Syrja |
| 14 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103168 | Brandon Syrja |
| 15 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103169 | Brandon Syrja |

| Load ID | Waste | Disposal Facility | Source | Transporter | Qty (gal) | Manifest No. | Clerk |
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| 16 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103170 | Brandon Syrja |

17

298,118

Loading Date 12/5/2014

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|---|--------------------------------|----------------------|--------------|----------------------|---------|------------|--|
| 0 | Non-Hazardous Leachate for MSD | MSD - Missouri River | Tank AST 96k | MSD Direct Discharge | 135,888 | 2014-12-05 | |
|---|--------------------------------|----------------------|--------------|----------------------|---------|------------|--|

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135,888

Loading Date 12/6/2014

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|---|--------------------------------|----------------------|--------------|----------------------|---------|------------|--|
| 0 | Non-Hazardous Leachate for MSD | MSD - Missouri River | Tank AST 96k | MSD Direct Discharge | 199,678 | 2014-12-06 | |
|---|--------------------------------|----------------------|--------------|----------------------|---------|------------|--|

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199,678

Loading Date 12/7/2014

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|---|--------------------------------|----------------------|--------------|----------------------|---------|------------|--|
| 0 | Non-Hazardous Leachate for MSD | MSD - Missouri River | Tank AST 96k | MSD Direct Discharge | 176,775 | 2014-12-07 | |
|---|--------------------------------|----------------------|--------------|----------------------|---------|------------|--|

1

176,775

Loading Date 12/8/2014

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|---|--------------------------------|----------------------|--------------|----------------------|---------|------------|-------------|
| 0 | Non-Hazardous Leachate for MSD | MSD - Missouri River | Tank AST 96k | MSD Direct Discharge | 153,712 | 2014-12-08 | |
| 1 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103171 | Julie Croak |
| 2 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103172 | Julie Croak |
| 3 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103173 | Julie Croak |
| 4 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103174 | Julie Croak |
| 5 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103175 | Julie Croak |
| 6 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103176 | Julie Croak |
| 7 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103177 | Julie Croak |
| 8 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103178 | Julie Croak |

| Load ID | Waste | Disposal Facility | Source | Transporter | Qty (gal) | Manifest No. | Clerk |
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| 9 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103600 | Julie Croak |
| 10 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103601 | Julie Croak |
| 11 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103602 | Julie Croak |
| 12 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103603 | Julie Croak |
| 13 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103604 | Julie Croak |
| 14 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103605 | Julie Croak |
| 15 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103606 | Julie Croak |
| 16 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103607 | Julie Croak |

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273,712

Loading Date 12/9/2014

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|----|--------------------------------|----------------------|--------------|----------------------|---------|------------|-------------|
| 0 | Non-Hazardous Leachate for MSD | MSD - Missouri River | Tank AST 96k | MSD Direct Discharge | 117,163 | 2014-12-09 | |
| 1 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103608 | Julie Croak |
| 2 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103609 | Julie Croak |
| 3 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103610 | Julie Croak |
| 4 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103611 | Julie Croak |
| 5 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103612 | Julie Croak |
| 6 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103613 | Julie Croak |
| 7 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103614 | Julie Croak |
| 8 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103615 | Julie Croak |
| 9 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103616 | Julie Croak |
| 10 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103617 | Julie Croak |
| 11 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103618 | Julie Croak |
| 12 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103619 | Julie Croak |
| 13 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103620 | Julie Croak |

| Load ID | Waste | Disposal Facility | Source | Transporter | Qty (gal) | Manifest No. | Clerk |
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| 14 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103621 | Julie Croak |
| 15 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103622 | Julie Croak |
| 16 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103623 | Julie Croak |

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237,163

Loading Date 12/10/2014

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|----|--------------------------------|----------------------|--------------|----------------------|--------|------------|----------------|
| 0 | Non-Hazardous Leachate for MSD | MSD - Missouri River | Tank AST 96k | MSD Direct Discharge | 83,552 | 2014-12-10 | |
| 1 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103624 | Julie Croak |
| 2 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103625 | Julie Croak |
| 3 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103626 | Julie Croak |
| 4 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103627 | Julie Croak |
| 5 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103628 | Jillian Votava |
| 6 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103629 | Jillian Votava |
| 7 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103631 | Jillian Votava |
| 8 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103632 | Jillian Votava |
| 9 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103633 | Jillian Votava |
| 10 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103634 | Jillian Votava |
| 11 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103635 | Jillian Votava |
| 12 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103637 | Julie Croak |
| 13 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103639 | Jillian Votava |
| 14 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103640 | Jillian Votava |
| 15 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103641 | Julie Croak |
| 16 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103642 | Julie Croak |

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203,552

| Load ID | Waste | Disposal Facility | Source | Transporter | Qty (gal) | Manifest No. | Clerk |
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Loading Date 12/11/2014

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|----|--------------------------------|----------------------|--------------|----------------------|--------|------------|----------------|
| 0 | Non-Hazardous Leachate for MSD | MSD - Missouri River | Tank AST 96k | MSD Direct Discharge | 77,434 | 2014-12-11 | |
| 1 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103643 | Julie Croak |
| 2 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103644 | Julie Croak |
| 3 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103645 | Jillian Votava |
| 4 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103646 | Julie Croak |
| 5 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103647 | Jillian Votava |
| 6 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103648 | Jillian Votava |
| 7 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103649 | Julie Croak |
| 8 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103650 | Julie Croak |
| 9 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103651 | Julie Croak |
| 10 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103652 | Julie Croak |
| 11 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103653 | Jillian Votava |
| 12 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103654 | Jillian Votava |
| 13 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103655 | Jillian Votava |
| 14 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103656 | Julie Croak |
| 15 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103657 | Julie Croak |
| 16 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103658 | Julie Croak |

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197,434

Loading Date 12/12/2014

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|---|--------------------------------|----------------------|--------------|----------------------|---------|------------|-------------|
| 0 | Non-Hazardous Leachate for MSD | MSD - Missouri River | Tank AST 96k | MSD Direct Discharge | 101,039 | 2014-12-12 | |
| 1 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103659 | Julie Croak |
| 2 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103660 | Julie Croak |
| 3 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103661 | Julie Croak |

| Load ID | Waste | Disposal Facility | Source | Transporter | Qty (gal) | Manifest No. | Clerk |
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| 4 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103662 | Julie Croak |
| 5 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103663 | Julie Croak |
| 6 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103664 | Julie Croak |
| 7 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103665 | Julie Croak |
| 8 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103666 | Julie Croak |
| 9 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103667 | Julie Croak |
| 10 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103668 | Julie Croak |
| 11 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103669 | Julie Croak |
| 12 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103670 | Julie Croak |
| 13 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103671 | Julie Croak |
| 14 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103672 | Julie Croak |
| 15 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103673 | Julie Croak |
| 16 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103674 | Julie Croak |
| 17 | | | | | 221,039 | | |

Loading Date 12/13/2014

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|----------|--------------------------------|----------------------|--------------|----------------------|----------------|------------|--|
| 0 | Non-Hazardous Leachate for MSD | MSD - Missouri River | Tank AST 96k | MSD Direct Discharge | 146,414 | 2014-12-13 | |
| 1 | | | | | 146,414 | | |

Loading Date 12/14/2014

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|----------|--------------------------------|----------------------|--------------|----------------------|----------------|------------|--|
| 0 | Non-Hazardous Leachate for MSD | MSD - Missouri River | Tank AST 96k | MSD Direct Discharge | 155,816 | 2014-12-14 | |
| 1 | | | | | 155,816 | | |

Loading Date 12/15/2014

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|---|--------------------------------|----------------------|--------------|----------------------|---------|------------|--|
| 0 | Non-Hazardous Leachate for MSD | MSD - Missouri River | Tank AST 96k | MSD Direct Discharge | 118,430 | 2014-12-15 | |
|---|--------------------------------|----------------------|--------------|----------------------|---------|------------|--|

| Load ID | Waste | Disposal Facility | Source | Transporter | Qty (gal) | Manifest No. | Clerk |
|---------|--------------------------------|---------------------|---------|-------------|-----------|--------------|-------------|
| 1 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103675 | Craig Hegna |
| 2 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103676 | Craig Hegna |
| 3 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103677 | Craig Hegna |
| 4 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103678 | Craig Hegna |
| 5 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103682 | Craig Hegna |
| 6 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103683 | Craig Hegna |
| 7 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103684 | Craig Hegna |
| 8 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103685 | Craig Hegna |
| 9 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103686 | Craig Hegna |
| 10 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103687 | Craig Hegna |
| 11 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103688 | Craig Hegna |
| 12 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103689 | Craig Hegna |
| 13 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103690 | Craig Hegna |
| 14 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103691 | Craig Hegna |
| 15 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103692 | Craig Hegna |
| 16 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103693 | Craig Hegna |

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238,430

Loading Date 12/16/2014

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|---|--------------------------------|----------------------|--------------|----------------------|---------|------------|-------------|
| 0 | Non-Hazardous Leachate for MSD | MSD - Missouri River | Tank AST 96k | MSD Direct Discharge | 140,172 | 2014-12-16 | |
| 1 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103697 | Craig Hegna |
| 2 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103698 | Craig Hegna |
| 3 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103699 | Craig Hegna |
| 4 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103700 | Craig Hegna |
| 5 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103701 | Craig Hegna |

| Load ID | Waste | Disposal Facility | Source | Transporter | Qty (gal) | Manifest No. | Clerk |
|---------|--------------------------------|---------------------|---------|-------------|-----------|--------------|-------------|
| 6 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103705 | Craig Hegna |
| 7 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103706 | Craig Hegna |
| 8 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103707 | Craig Hegna |
| 9 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103708 | Craig Hegna |
| 10 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103709 | Craig Hegna |
| 11 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103695 | Craig Hegna |
| 12 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103696 | Craig Hegna |
| 13 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103710 | Craig Hegna |
| 14 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103711 | Craig Hegna |
| 15 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103713 | Craig Hegna |
| 16 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103714 | Craig Hegna |
| 17 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103715 | Craig Hegna |
| 18 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103716 | Craig Hegna |
| 19 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103717 | Craig Hegna |
| 20 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103718 | Craig Hegna |
| 21 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103719 | Craig Hegna |
| 22 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103720 | Craig Hegna |
| 23 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103721 | Craig Hegna |
| 24 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103722 | Craig Hegna |
| 25 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103723 | Craig Hegna |
| 26 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103724 | Craig Hegna |
| 27 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103725 | Craig Hegna |

28

342,672

Loading Date 12/17/2014

| Load ID | Waste | Disposal Facility | Source | Transporter | Qty (gal) | Manifest No. | Clerk |
|---------|--------------------------------|----------------------|--------------|----------------------|-----------|--------------|-------------|
| 0 | Non-Hazardous Leachate for MSD | MSD - Missouri River | Tank AST 96k | MSD Direct Discharge | 137,231 | 2014-12-17 | |
| 1 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103730 | Craig Hegna |
| 2 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103729 | Craig Hegna |
| 3 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103726 | Craig Hegna |
| 4 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103727 | Craig Hegna |
| 5 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103728 | Craig Hegna |
| 6 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103731 | Craig Hegna |
| 7 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103732 | Craig Hegna |
| 8 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103733 | Craig Hegna |
| 9 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103734 | Craig Hegna |
| 10 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103735 | Craig Hegna |
| 11 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103736 | Craig Hegna |
| 12 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103737 | Craig Hegna |
| 13 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103738 | Craig Hegna |
| 14 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103739 | Craig Hegna |
| 15 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103740 | Craig Hegna |
| 16 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103741 | Craig Hegna |
| 17 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103742 | Craig Hegna |
| 18 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103743 | Craig Hegna |
| 19 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103744 | Craig Hegna |
| 20 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103745 | Craig Hegna |
| 21 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103746 | Craig Hegna |
| 22 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103747 | Craig Hegna |
| 23 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103748 | Craig Hegna |
| 24 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103749 | Craig Hegna |

| Load ID | Waste | Disposal Facility | Source | Transporter | Qty (gal) | Manifest No. | Clerk |
|---------|--------------------------------|---------------------|---------|-------------|-----------|--------------|-------------|
| 25 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103750 | Craig Hegna |
| 26 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103751 | Craig Hegna |
| 27 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103753 | Craig Hegna |

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339,731

Loading Date 12/18/2014

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|----|--------------------------------|----------------------|--------------|----------------------|---------|------------|-------------|
| 0 | Non-Hazardous Leachate for MSD | MSD - Missouri River | Tank AST 96k | MSD Direct Discharge | 285,745 | 2014-12-18 | |
| 1 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103754 | Craig Hegna |
| 2 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103755 | Craig Hegna |
| 3 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103756 | Craig Hegna |
| 4 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103757 | Craig Hegna |
| 5 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103758 | Craig Hegna |
| 6 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103752 | Craig Hegna |
| 7 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103759 | Craig Hegna |
| 8 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103760 | Craig Hegna |
| 9 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103761 | Craig Hegna |
| 10 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103762 | Craig Hegna |
| 11 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103763 | Craig Hegna |
| 12 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103764 | Craig Hegna |
| 13 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103765 | Craig Hegna |
| 14 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103766 | Craig Hegna |
| 15 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103767 | Craig Hegna |
| 16 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103768 | Craig Hegna |
| 17 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103769 | Craig Hegna |
| 18 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103770 | Craig Hegna |

| Load ID | Waste | Disposal Facility | Source | Transporter | Qty (gal) | Manifest No. | Clerk |
|-----------|--------------------------------|---------------------|---------|-------------|----------------|--------------|-------------|
| 19 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103771 | Craig Hegna |
| 20 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103772 | Craig Hegna |
| 21 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103773 | Craig Hegna |
| 22 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103774 | Craig Hegna |
| 23 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103775 | Craig Hegna |
| 24 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103776 | Craig Hegna |
| 25 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103777 | Craig Hegna |
| 26 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103778 | Craig Hegna |
| 27 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103779 | Craig Hegna |
| 28 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103780 | Craig Hegna |
| 29 | | | | | 495,745 | | |

Loading Date 12/19/2014

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|----|--------------------------------|----------------------|--------------|----------------------|---------|------------|-------------|
| 0 | Non-Hazardous Leachate for MSD | MSD - Missouri River | Tank AST 96k | MSD Direct Discharge | 220,853 | 2014-12-19 | |
| 1 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103781 | Julie Croak |
| 2 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103782 | Julie Croak |
| 3 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103783 | Julie Croak |
| 4 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103784 | Julie Croak |
| 5 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103785 | Julie Croak |
| 6 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103786 | Julie Croak |
| 7 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103787 | Julie Croak |
| 8 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103788 | Julie Croak |
| 9 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103789 | Julie Croak |
| 10 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103790 | Julie Croak |
| 11 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103791 | Julie Croak |

| Load ID | Waste | Disposal Facility | Source | Transporter | Qty (gal) | Manifest No. | Clerk |
|---------|--------------------------------|---------------------|---------|-------------|-----------|--------------|-------------|
| 12 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103792 | Julie Croak |
| 13 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103793 | Julie Croak |
| 14 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103794 | Julie Croak |
| 15 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103795 | Julie Croak |
| 16 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103796 | Julie Croak |
| 17 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103797 | Julie Croak |
| 18 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103798 | Julie Croak |
| 19 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 103799 | Julie Croak |
| 20 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 104000 | Julie Croak |
| 21 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 104001 | Julie Croak |
| 22 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 104002 | Julie Croak |
| 23 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 104003 | Julie Croak |
| 24 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 104004 | Julie Croak |
| 25 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 104005 | Julie Croak |
| 26 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 104006 | Julie Croak |
| 27 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 104007 | Julie Croak |
| 28 | Non-Hazardous Leachate for MSD | MSD - Bissell Point | Tank T1 | MBI | 7,500 | 104008 | Julie Croak |

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430,853