

Table 2-7. Data Summary Table, 2017 Annual Event
 2017 Annual Progress Report
 Former Cameron Iron Works Facility, Houston, Texas

| Analyte Group (Method): | | Volatile Organic Compounds (SW8260B) | | | | | | |
|-------------------------|--------------------|--------------------------------------|--------------------|------------------------|-------------------|-----------------|----------------|------------|
| CAS: | 75-34-3 | 75-35-4 | 107-06-2 | 156-59-2 | 127-18-4 | 79-01-6 | 75-01-4 | |
| Analyte: | 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethane | cis-1,2-Dichloroethene | Tetrachloroethene | Trichloroethene | Vinyl Chloride | |
| cPCL: | 4.9 | 0.007 | 0.005 | 0.07 | 0.005 | 0.005 | 0.002 | |
| Well ID | Date Collected | | | | | | | |
| MW-01 | 11/29/2017 | 0.00102 | 0.00313 | <0.000116 | <0.000157 | <0.000333 | <0.000138 | <0.000248 |
| MW-15R | 11/29/2017 | <0.000168 | 0.000454 J | <0.000116 | <0.000157 | <0.000333 | <0.000138 | <0.000248 |
| MW-16R | 11/29/2017 | 0.0231 | 0.0614 | 0.00135 | 0.0130 | 0.00526 | 0.0101 | 0.00234 |
| MW-17R | 11/29/2017 | <0.000168 | <0.000192 | <0.000116 | <0.000157 | <0.000333 | <0.000138 | <0.000248 |
| MW-50R | 11/28/2017 | 0.0562 | 0.00262 | 0.000651 J | 0.00260 | <0.000333 | 0.0064 | 0.00227 |
| MW-65 | 11/28/2017 | 0.00682 | 0.00363 J | 0.000217 J | 0.00156 | 0.000541 J | 0.000371 J | 0.000355 J |
| MW-70 | 11/29/2017 | 0.0135 | 0.0234 | <0.000116 | 0.0153 | 0.0113 | 0.00717 | <0.000248 |
| MW-71 | 11/29/2017 | <0.000168 | <0.000192 | <0.000116 | <0.000157 | <0.000333 | <0.000138 | <0.000248 |
| MW-74 | 11/29/2017 | 0.0159 | 0.0170 | 0.000419 J | 0.00296 | 0.00126 | 0.000932 J | 0.00104 J |
| MW-76 | 11/30/2017 | <0.000168 | <0.000192 | <0.000116 | <0.000157 | 0.000758 J | <0.000138 | <0.000248 |
| MW-77 | 11/30/2017 | 0.00802 | 0.0287 | <0.000116 | 0.00574 | 0.00352 | 0.00410 | <0.000248 |
| MW-83 | 11/30/2017 | 0.0179 | 0.0330 | 0.00954 | 0.0459 | 0.0544 | 0.0210 | 0.00909 |
| MW-88 | 11/29/2017 | 0.00375 | 0.0199 | <0.000116 | 0.00527 | 0.0267 | 0.0155 | <0.000248 |
| MW-89 | 11/29/2017 | 0.00814 | 0.122 | 0.00145 | 0.000929 J | <0.000333 | 0.00785 | <0.000248 |
| MW-90 | 11/29/2017 | 0.0151 | 0.051 | <0.000116 | 0.00669 | 0.0436 | 0.0158 | <0.000248 |
| MW-92 | 11/29/2017 | <0.000168 | <0.000192 | <0.000116 | <0.000157 | 0.00155 | <0.000138 | <0.000248 |
| MW-93R | 11/29/2017 | <0.000168 | 0.00106 | <0.000116 | <0.000157 | 0.0200 | 0.000295 J | <0.000248 |
| MW-95 | 11/30/2017 | <0.000168 | <0.000192 | <0.000116 | <0.000157 | <0.000333 | <0.000138 | <0.000248 |
| MW-97 | 11/29/2017 | 0.00108 | 0.00223 | 0.000571 J | 0.00113 | 0.0647 J | 0.00528 | <0.000248 |
| MW-98 | 11/29/2017 | <0.000168 | <0.000192 | <0.000116 | <0.000157 | <0.000333 | <0.000138 | <0.000248 |
| MW-100 | 11/29/2017 | 0.000758 J | 0.00116 | <0.000116 | 0.000507 J | <0.000333 | 0.000224 J | <0.000248 |
| MW-106 | 11/29/2017 | <0.000168 | <0.000192 | <0.000116 | 0.00896 | 0.000669 J | 0.00132 | <0.000248 |
| MW-108 | 11/29/2017 | 0.0140 | 0.0724 | 0.00128 | 0.0140 | <0.000333 | 0.0384 | 0.000830 J |
| MW-109 | 11/29/2017 | 0.252 | 0.0904 | 0.00124 | 0.168 | 0.0418 | 0.0115 | 0.0327 |
| MW-110 | 11/29/2017 | 0.00206 | 0.00222 | 0.000308 J | 0.00714 | <0.000333 | 0.00120 | 0.000969 J |
| MW-111 | 11/29/2017 | 0.000305 J | 0.000810 J | <0.000116 | 0.000406 J | 0.00757 | 0.00122 | <0.000248 |
| MW-112 | 11/29/2017 | 0.0582 | 0.0402 | 0.0141 | 0.00315 | <0.000333 | 0.00133 | 0.0143 |
| MW-113 | 11/28/2017 | 0.0151 | 0.00136 | <0.000116 | 0.000483 J | <0.000333 | <0.000138 | <0.000248 |
| MW-121 | 11/29/2017 | <0.000168 | <0.000192 | <0.000116 | <0.000157 | <0.000333 | <0.000138 | <0.000248 |
| MW-122 | 11/29/2017 | 0.00143 | 0.00900 | <0.000116 | 0.000529 J | <0.000333 | 0.00231 | <0.000248 |
| MW-145 | 11/29/2017 | <0.000168 | <0.000192 | <0.000116 | <0.000157 | <0.000333 | <0.000138 | <0.000248 |
| MW-146 | 11/29/2017 | 0.000919 J | 0.00397 | <0.000116 | 0.00334 | 0.00543 | 0.00308 | <0.000248 |
| MW-147 | 11/29/2017 | 0.0108 | 0.013 | <0.000116 | 0.0225 | 0.0410 | 0.0306 | 0.00397 |
| MW-160 | 11/29/2017 | 0.000623 J | 0.00495 | <0.000116 | <0.000157 | <0.000333 | <0.000138 | <0.000248 |
| MW-161 | 11/29/2017 | 0.000864 J | 0.0189 | <0.000116 | <0.000157 | <0.000333 | <0.000138 | <0.000248 |
| MW-162 | 11/30/2017 | <0.000168 | <0.000192 | <0.000116 | <0.000157 | <0.000333 | <0.000138 | <0.000248 |
| MW-163 | 11/30/2017 | <0.000168 | <0.000192 | <0.000116 | <0.000157 | <0.000333 | <0.000138 | <0.000248 |
| MW-168 | 11/30/2017 | 0.00507 | 0.0231 | 0.000386 J | 0.000490 J | 0.00164 | 0.000626 J | <0.000248 |
| MW-173 | 11/29/2017 | 0.000483 J | 0.00176 | 0.000215 J | 0.000371 J | 0.00291 | 0.000715 J | <0.000248 |
| MW-178 | 11/29/2017 | <0.000168 | <0.000192 | <0.000116 | <0.000157 | <0.000333 | <0.000138 | <0.000248 |
| MW-179 | 11/30/2017 | <0.000168 | <0.000192 | <0.000116 | <0.000157 | <0.000333 | <0.000138 | <0.000248 |
| MW-180 | 11/30/2017 | <0.000168 | <0.000192 | <0.000116 | <0.000157 | <0.000333 | <0.000138 | <0.000248 |

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| Well ID | Analyte Group (Method): | | | | | | | |
|-----------------------|-----------------------------|--------------------|--------------------------------------|------------------------|-------------------|-------------------|-------------------|-----------|
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| | 75-34-3 | 75-35-4 | 107-06-2 | 156-59-2 | 127-18-4 | 79-01-6 | 75-01-4 | |
| | Analyte: 1,1-Dichloroethane | 1,1-Dichloroethene | 1,2-Dichloroethane | cis-1,2-Dichloroethene | Tetrachloroethene | Trichloroethene | Vinyl Chloride | |
| cPCL: | | 4.9 | 0.007 | 0.005 | 0.07 | 0.005 | 0.005 | 0.002 |
| Date Collected | | | | | | | | |
| cPCL (Surface water): | 4.10 | 0.05 | 0.443 | 7.49 | 0.632 | 0.888 | 0.0269 | |
| SWD-12 | 11/30/2017 | 0.00107 | 0.00845 | <0.000116 | 0.00208 | 0.000506 J | 0.00336 | <0.000248 |
| SWD-14 | 11/30/2017 | 0.000996 J | 0.00598 | <0.000116 | 0.00121 | <0.000333 | 0.00282 | <0.000248 |
| SWD-15 | 11/30/2017 | 0.00130 | 0.0149 | <0.000116 | 0.000473 J | 0.000413 J | 0.00137 | <0.000248 |
| SWD-17 | 11/30/2017 | <0.000168 | 0.00355 | <0.000116 | <0.000157 | 0.00264 | 0.000362 J | <0.000248 |
| SWD-18 | 11/30/2017 | <0.000168 | 0.00155 | <0.000116 | <0.000157 | 0.00146 | 0.000158 J | <0.000248 |
| SWD-20 | 11/30/2017 | <0.000168 | 0.000711 J | <0.000116 | <0.000157 | 0.000694 J | <0.000138 | <0.000248 |

Notes:

The concentrations are presented in milligrams per liter (mg/L).

The cPCLs are the lower of the ^{GW}GW_{ing} and ^{Air}GW_{inh-v} Tier I PCLs for residential land use based on the latest PCL tables (March 2017).

The cPCLs for surface water are 80% of the cPCLs calculated in the *Human Health Ecological Risk Assessment for Surface Water and Sediment* (June 2003).

Bold values indicate a detected concentration.

Bold/Highlighted values exceed the cPCL.

^{GW}GW_{ing} = groundwater ingestion pathway

^{Air}GW_{inh-v} = inhalation of volatiles from groundwater

< = nondetected result less than the sample detection limit

CAS = Chemical Abstracts Service

cPCL = critical protective concentration level

ID = identification

J = estimated concentration

PCL = protective concentration level