

Table 3

SUMMARY OF GROUNDWATER ANALYTICAL DATA  
23rd SEMI-ANNUAL WATER QUALITY MONITORING EVENT  
J.E.D. SOLID WASTE MANAGEMENT FACILITY

| Well ID | 1,4-Dichlorobenzene | Benzene     | Ethylbenzene | Toluene     | Total Xylenes | Arsenic     | Barium      | Beryllium   | Chromium    | Cobalt      | Copper      | Iron        | Lead        | Nickel      | Sodium      | Vanadium    | Zinc        | Ammonia     | Chloride    | TDS         |
|---------|---------------------|-------------|--------------|-------------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|         | PDWS (ug/L)         | PDWS (ug/L) | SDWS (ug/L)  | SDWS (ug/L) | SDWS (ug/L)   | PDWS (ug/L) | PDWS (ug/L) | PDWS (ug/L) | PDWS (ug/L) | GCTL (ug/L) | GCTL (ug/L) | SDWS (ug/L) | PDWS (ug/L) | PDWS (ug/L) | PDWS (ug/L) | GCTL (ug/L) | SDWS (ug/L) | GCTL (mg/L) | SDWS (mg/L) | SDWS (mg/L) |
|         | 75                  | 1           | 700          | 40          | 20            | 10          | 2,000       | 4           | 100         | 420         | 1,000       | 300         | 15          | 100         | 160         | 49          | 5,000       | 2.8         | 250         | 500         |
| MW-1A   | 0.65                | 2.0         | 0.21         | 1.4         | 0.33          | 1.0         | 70.6        | 0.23        | 2.9         | 2.0         | 0.6         | 7,520       | 0.18        | 5.4         | 248         | 14.5        | 5.9         | 7.01        | 472         | 980         |
| MW-1B   | 0.16                | 1.2         | 0.21         | 0.87        | 0.31          | 1.2         | 63.2        | 0.66        | 1.1         | 9.8         | 0.3         | 39,900      | 0.12        | 7.4         | 125         | 8.5         | 1.9         | 2.34        | 194         | 914         |
| MW-2A   | 0.16                | 0.21        | 0.21         | 1.2         | 0.31          | 0.6         | 84.4        | 0.22        | 2.2         | 5.8         | 0.3         | 12,400      | 0.12        | 8.2         | 52.3        | 3.9         | 2.9         | 1.92        | 103         | 601         |
| MW-2B   | 0.16                | 0.21        | 0.21         | 1.4         | 0.31          | 0.5         | 153.0       | 0.40        | 0.3         | 5.1         | 0.3         | 14,900      | 0.12        | 1.4         | 28.5        | 1.7         | 2.5         | 0.363       | 37.9        | 319         |
| MW-3A   | 0.88                | 6.6         | 0.45         | 1.2         | 0.31          | 1.8         | 66.3        | 0.04        | 3.3         | 0.7         | 0.7         | 2,080       | 0.12        | 2.4         | 39.5        | 9.6         | 1.6         | 14.7        | 23.9        | 735         |
| MW-3B   | 0.16                | 0.21        | 0.21         | 0.98        | 0.31          | 0.7         | 49.9        | 1.87        | 0.3         | 15.9        | 0.6         | 43,300      | 0.12        | 4.7         | 20.2        | 2.0         | 4.7         | 5.18        | 25.7        | 1,510       |
| MW-4A   | 0.16                | 1.7         | 0.21         | 0.81        | 0.31          | 1.6         | 79.5        | 0.09        | 2.3         | 2.5         | 1.5         | 5,360       | 0.13        | 4.9         | 39.9        | 3.3         | 7.2         | 6.45        | 33.4        | 725         |
| MW-4B   | 0.16                | 0.21        | 0.21         | 0.98        | 0.31          | 0.8         | 37.7        | 1.42        | 1.2         | 0.4         | 0.7         | 980         | 0.12        | 2.4         | 35.2        | 5.0         | 1.6         | 3.16        | 67          | 1,520       |
| MW-5A   | 0.16                | 0.94        | 0.21         | 1.2         | 0.31          | 1.4         | 3.6         | 0.04        | 3.8         | 0.2         | 1.7         | 600         | 1.02        | 0.9         | 12.8        | 2.7         | 1.6         | 5.10        | 18.0        | 185         |
| MW-5B   | 0.16                | 0.21        | 0.21         | 0.98        | 0.31          | 0.5         | 51.8        | 0.63        | 1.2         | 0.6         | 0.4         | 670         | 0.12        | 3.3         | 34.4        | 2.8         | 1.6         | 2.45        | 56.3        | 1,740       |
| MW-6A   | 0.16                | 4.3         | 0.21         | 2.0         | 0.31          | 0.5         | 6.3         | 0.04        | 1.4         | 0.5         | 0.4         | 18,700      | 0.12        | 0.5         | 33.8        | 4.3         | 1.6         | 3.72        | 64.3        | 184         |
| MW-6B   | 0.16                | 0.21        | 0.21         | 1.4         | 0.31          | 0.5         | 19.8        | 0.11        | 0.8         | 0.2         | 0.3         | 810         | 0.12        | 0.5         | 7.85        | 1.4         | 1.6         | 0.143       | 15.1        | 45          |
| MW-7A   | 0.16                | 0.21        | 0.21         | 0.95        | 0.31          | 1.3         | 17.4        | 0.04        | 1.7         | 1.9         | 0.3         | 13,900      | 0.12        | 0.7         | 18.2        | 2.3         | 1.6         | 5.71        | 41.5        | 128         |
| MW-7B   | 0.16                | 0.21        | 0.21         | 0.75        | 0.31          | 0.6         | 38.4        | 1.51        | 1.2         | 7.3         | 0.3         | 37,600      | 0.21        | 5.4         | 40.7        | 3.9         | 5.7         | 2.46        | 37.3        | 814         |
| MW-8A   | 0.99                | 4.9         | 0.21         | 0.70        | 0.31          | 0.5         | 46.6        | 0.34        | 2.0         | 5.3         | 0.5         | 23,000      | 0.16        | 12.2        | 9.9         | 4.2         | 3.1         | 6.36        | 9.9         | 1,490       |
| MW-8B   | 0.16                | 0.21        | 0.21         | 0.95        | 0.31          | 0.5         | 83.3        | 0.56        | 0.7         | 7.4         | 0.3         | 38,600      | 0.12        | 3.9         | 39.6        | 4.1         | 5.7         | 0.513       | 48.3        | 825         |
| MW-9A   | 3.9                 | 12.0        | 0.21         | 0.81        | 0.34          | 2.2         | 4.3         | 0.04        | 3.1         | 0.3         | 1.3         | 740         | 0.42        | 1.0         | 38.6        | 3.1         | 1.6         | 3.65        | 16          | 228         |
| MW-9B   | 0.16                | 0.21        | 0.21         | 1.5         | 0.31          | 0.5         | 28.4        | 1.18        | 1.6         | 6.7         | 0.3         | 20,400      | 0.12        | 2.5         | 25.8        | 3.7         | 4.2         | 1.26        | 43.5        | 571         |
| MW-10A  | 0.16                | 4.4         | 0.21         | 1.3         | 0.31          | 1.7         | 10.5        | 0.04        | 1.0         | 0.1         | 0.4         | 860         | 0.13        | 0.5         | 26.3        | 1.9         | 4.2         | 3.54        | 30.8        | 198         |
| MW-10B  | 0.16                | 0.88        | 0.21         | 0.95        | 0.31          | 0.8         | 33.5        | 1.64        | 0.7         | 11.0        | 0.3         | 15,900      | 0.12        | 2.8         | 36.0        | 2.2         | 2.8         | 4.88        | 24.6        | 786         |
| MW-11A  | 3.5                 | 6.6         | 0.21         | 0.94        | 0.33          | 1.4         | 55.4        | 0.22        | 1.7         | 1.0         | 0.3         | 4,120       | 0.12        | 2.6         | 13.1        | 3.2         | 1.6         | 2.53        | 9.9         | 251         |
| MW-11B  | 0.16                | 0.21        | 0.21         | 1.8         | 0.31          | 1.6         | 17.2        | 0.05        | 1.7         | 0.06        | 0.3         | 370         | 1.08        | 0.5         | 13.1        | 2.9         | 1.6         | 0.039       | 11.7        | 60          |
| MW-12A  | 0.16                | 5.7         | 0.21         | 1.9         | 0.40          | 1.4         | 22.2        | 0.12        | 1.3         | 1.3         | 0.3         | 2,180       | 0.12        | 2.7         | 15.8        | 1.9         | 2.2         | 0.457       | 28.5        | 89          |
| MW-12B  | 0.16                | 0.21        | 0.21         | 1.3         | 0.31          | 0.5         | 24.8        | 0.04        | 0.8         | 0.2         | 1.0         | 850         | 0.12        | 0.5         | 8.3         | 1.6         | 1.6         | 0.091       | 16.5        | 46          |
| MW-13A  | 0.16                | 1.9         | 0.21         | 0.89        | 0.31          | 7.5         | 48.3        | 0.08        | 1.8         | 0.4         | 0.3         | 10,600      | 0.12        | 0.8         | 49.9        | 3.7         | 1.6         | 1.42        | 105         | 292         |
| MW-13B  | 0.16                | 0.21        | 0.21         | 0.89        | 0.31          | 0.5         | 16.2        | 0.04        | 0.5         | 0.3         | 0.3         | 1,380       | 0.12        | 0.5         | 12.8        | 0.5         | 1.6         | 0.141       | 26.2        | 59          |
| MW-16AR | 0.16                | 0.92        | 0.21         | 0.96        | 0.31          | 1.0         | 25.7        | 0.04        | 1.5         | 0.2         | 0.7         | 610         | 0.12        | 0.9         | 20.5        | 6.3         | 6.5         | 0.464       | 50.1        | 305         |
| MW-16BR | 0.16                | 0.21        | 0.21         | 1.0         | 0.31          | 0.5         | 13.6        | 0.04        | 0.7         | 0.2         | 0.3         | 820         | 0.24        | 0.5         | 7.7         | 1.1         | 1.6         | 0.141       | 10.4        | 31          |
| MW-17AR | 0.16                | 0.21        | 0.21         | 0.92        | 0.31          | 0.9         | 74.0        | 0.11        | 0.9         | 0.8         | 1.0         | 3,850       | 0.12        | 1.6         | 15.3        | 4.0         | 1.6         | 0.909       | 9.3         | 121         |
| MW-17BR | 0.16                | 0.21        | 0.21         | 0.96        | 0.31          | 0.9         | 30.4        | 0.04        | 0.9         | 0.3         | 0.3         | 1,430       | 0.27        | 0.5         | 24.8        | 1.3         | 1.6         | 0.15        | 37.1        | 98          |
| MW-22AR | 0.16                | 0.21        | 0.21         | 1.1         | 0.31          | 1.8         | 42.2        | 0.04        | 2.8         | 0.2         | 0.3         | 290         | 0.12        | 1.3         | 20.7        | 4.7         | 1.6         | 5.64        | 16.9        | 632         |
| MW-22BR | 0.16                | 0.21        | 0.21         | 2.0         | 0.31          | 0.5         | 41.3        | 0.10        | 0.7         | 1.7         | 0.3         | 4,190       | 0.30        | 1.0         | 20.5        | 0.7         | 1.6         | 0.153       | 25.0        | 105         |
| MW-23A  | 0.16                | 0.28        | 0.21         | 1.3         | 0.31          | 1.0         | 35.6        | 0.04        | 1.4         | 0.3         | 0.4         | 150         | 0.12        | 1.6         | 74.0        | 2.6         | 1.6         | 2.81        | 137         | 785         |
| MW-23B  | 0.16                | 0.21        | 0.21         | 0.95        | 0.31          | 0.8         | 116         | 0.43        | 0.9         | 1.4         | 0.3         | 2,720       | 0.12        | 0.8         | 62.0        | 3.2         | 3.2         | 2.13        | 125         | 459         |
| MW-24A  | 0.16                | 0.21        | 0.21         | 1.8         | 0.31          | 0.5         | 8.6         | 0.05        | 1.4         | 0.1         | 0.3         | 460         | 0.23        | 0.50        | 9.4         | 1.7         | 1.6         | 0.066       | 14.6        | 42          |
| MW-24B  | 0.16                | 0.21        | 0.21         | 0.67        | 0.31          | 0.6         | 9.8         | 0.04        | 1.1         | 0.2         | 0.3         | 520         | 0.36        | 0.80        | 4.9         | 1.6         | 1.6         | 0.073       | 6.7         | 25          |
| MW-25A  | 0.16                | 0.21        | 0.21         | 2.1         | 0.31          | 1.3         | 87.7        | 0.33        | 1.3         | 2.0         | 0.3         | 10,600      | 0.12        | 0.7         | 26.6        | 2.9         | 1.6         | 1.59        | 36.4        | 247         |
| MW-25B  | 0.16                | 0.21        | 0.21         | 0.58        | 0.31          | 0.9         | 133         | 0.46        | 9.1         | 0.7         | 2.2         | 2,220       | 5.3         | 2.6         | 12.9        | 14.7        | 2.3         | 0.154       | 21.3        | 142         |
| MW-26A  | 0.16                | 0.21        | 0.21         | 1.0         | 0.31          | 0.5         | 15.2        | 0.10        | 1.5         | 0.5         | 0.3         | 2,870       | 0.32        | 0.50        | 13.2        | 0.9         | 1.6         | 0.310       | 25          | 65          |
| MW-26B  | 0.16                | 0.21        | 0.21         | 0.72        | 0.31          | 0.5         | 41.4        | 0.14        | 4.0         | 0.4         | 0.7         | 2,030       | 2.4         | 0.7         | 10.6        | 5.2         | 1.6         | 0.247       | 15.6        | 94          |
| MW-27A  | 0.16                | 0.21        | 0.21         | 1.2         | 0.91          | 0.9         | 8.7         | 0.04        | 1.9         | 0.2         | 0.3         | 680         | 0.14        | 0.8         | 11.6        | 3.3         | 1.6         | 0.444       | 7.5         | 66          |
| MW-27B  | 0.16                | 0.21        | 0.21         | 1.4         | 0.64          | 0.9         | 92.2        | 0.21        | 7.5         | 0.2         | 2.1         | 2,060       | 10.1        | 1.3         | 29.4        | 10.3        | 1.6         | 0.064       | 40.9        | 201         |
| MW-28A  | 0.16                | 0.21        | 0.21         | 9.1         | 0.55          | 1.8         | 7.2         | 0.04        | 5.6         | 0.9         | 0.7         | 2,390       | 0.96        | 3.4         | 12.3        | 5.8         | 10.7        | 3.56        | 21.0        | 144         |
| MW-28B  | 0.16                | 0.21        | 0.21         | 0.76        | 0.44          | 1.8         | 108         | 0.24        | 9.3         | 0.5         | 1.7         | 3,840       | 11.0        | 2.1         | 19.2        | 16.0        | 8.2         | 0.128       | 25.8        | 154         |
| MW-29A  | 0.16                | 0.21        | 0.21         | 1.6         | 0.36          | 1.3         | 29.3        | 0.04        | 3.0         | 0.7         | 0.3         | 2,820       | 0.92        | 1.6         | 7.26        | 3.2         | 2.2         | 0.684       | 11.1        | 143         |
| MW-29B  | 0.16                | 0.21        | 0.21         | 0.63        | 0.31          | 1.0         | 101         | 0.20        | 1.1         | 0.6         | 0.3         | 3,450       | 0.12        | 1.0         | 27.4        | 3.1         | 3.2         | 0.090       | 36.4        | 159         |

NOTES: Only parameters with detections above the Method Reporting Limit are shown.



u = indicates that the compound was analyzed for but not detected at or above the value shown

\* = value is the total recoverable concentration; due to high turbidity a filtered sample was collected for dissolved metals analysis only. Filtered result was less than the GCTL.

v = indicates the analyte was detected in both the sample and the associated method blank.

PDWS = primary drinking water standard

SDWS = secondary drinking water standard

GCTL = groundwater cleanup target levels

ug/L = micrograms per liter

mg/L = milligrams per liter