Table F-13. Results of monitoring well analyses for H-Area seepage basin[a]

HSB-65 Upgradient N72424.25 E58433.00 Elev = 271.9

| Parameter | Units | DWS | 2QR 82 | 3QR 82 | 4QR 82 | 1QR 83 |
|---|---|---|---|---|---|---|
| Water Table Elevation | Ft | | 237.1 | 236.4 | 237.5 | 236.9 |
| Coliform B | #/100 ml | | 0 | 0 | 0 | 0 |
| Color | CU | 15 | 3 | 3 | 5 | 2 |
| Corrosion | | | No | No | No | No |
| Odor | | 3 | 1.4 | 1.4 | 0 | 2 |
| pH | pH | 6.5-8.5 | 3.9 | 5.4 | 4.8 | 4.3 |
| Specific Conductivity | µmho/cm | | 48 | 48 | 54 | 45 |
| TDS | mg/L | 500 | 64 | 19 | 43 | 22 |
| Temp | °C | | 18.0 | 17.6 | 19.9 | 16.3 |
| Turbidity | 1/TU | | 1.7 | 1.2 | 0.6 | 0.3 |
| Ag | mg/L | 0.05 | <0.001 | <0.001 | <0.001 | <0.001 |
| As | mg/L | 0.05 | <0.002 | <0.002 | 0.005 | 0.021 |
| Ba | mg/L | 1.0 | 0.218 | 0.05 | <0.05 | 0.24 |
| Be | mg/L | | <0.010 | 0.31 | <0.005 | 0.012 |
| Cd | mg/L | 0.01 | 0.002 | <0.001 | <0.001 | 0.009 |
| Cr | mg/L | 0.05 | 0.021 | 0.062 | 0.031 | 0.043 |
| Cu | mg/L | 1.0 | 0.022 | 0.046 | 0.024 | 0.075 |
| Fe | mg/L | 0.3 | 19.89 | 8.07 | 24.54 | 90.98 |
| Hg | mg/L | 0.002 | <0.0002 | <0.0002 | 0.0003 | <0.0002 |
| Mn | mg/L | 0.05 | 0.177 | 0.560 | 0.15 | 0.56 |
| Na | mg/L | | 3.08 | 2.78 | 3.54 | 6.09 |
| Ni | mg/L | | 0.018 | 0.054 | 0.029 | 0.025 |
| Pb | mg/L | 0.05 | 0.027 | 0.048 | 0.047 | 0.062 |
| Se | mg/L | 0.01 | <0.002 | <0.002 | <0.002 | <0.002 |
| Zn | mg/L | 5 | 0.095 | 0.283 | 0.075 | 0.278 |
| Cl | mg/L | 250 | 5 | 4 | 4.4 | 3.3 |
| CN | mg/L | | <0.005 | <0.005 | <0.005 | <0.005 |
| F | mg/L | 1.6 | <0.10 | 0.12 | <0.10 | <0.01 |
| Foaming agents | mg/L | 0.5 | <0.01 | 0.02 | <0.01 | <0.01 |
| $H_2S$ | mg/L | | <1.0 | <1.0 | <1.0 | <1.0 |
| $NO_3$ | mg/L | 10 | 2.36 | 2.39 | 2.63 | 3.21 |
| $SO_4$ | mg/L | 250 | <5 | 26 | <5 | <5 |
| Gross Alpha | pCi/L | 15 | 3.4±1.1 | 1.8±0.7 | 1.27±0.84 | - |
| Gross Beta | pCi/L | | 18±8 | 52±45 | 21.2±8.9 | - |
| Ra | pCi/L | 5 | <0.38 | 0.20 | 0.41 | 0.50 |
| DOC | mg/L | | 8 | 1.5 | 2 | 9.0 |
| GC | µg/L | | <40 | <40 | <40 | <40 |
| Phenols | mg/L | | 0.004 | <0.002 | 0.006 | <0.002 |
| TOC | mg/L | | 6 | 2.0 | 4 | 9.5 |
| TOH | mg/L | | 0.010 | 0.026 | 0.017 | 0.007 |
| Endrin | µg/L | 0.2 | <0.009 | <0.04 | <0.04 | <0.04 |
| Lindane | µg/L | 4 | <0.005 | <1 | <1 | <1 |
| Methoxychlor | µg/L | 100 | <0.06 | <20 | <20 | <20 |
| Toxaphene | µg/L | 5 | <1.04 | <1 | <1 | <1 |
| 24D | µg/L | 100 | <0.41 | <20 | <20 | <20 |
| 245TP | µg/L | 10 | <0.13 | <2 | <2 | <2 |

Table F-13. Results of monitoring well analyses for H-Area seepage basin (continued)[a]

HSB-66 Upgradient N72429.63 E56928.59 Elev = 280.1

| Parameter | Units | DWS | 2QR 82 | 3QR 82 | 4QR 82 | 1QR 83 |
|---|---|---|---|---|---|---|
| Water Table Elevation | Ft | | 230.9 | 230.1 | 231.4 | 229.4 |
| Coliform B | #/100 ml | | 5 | 0 | 0 | 5 |
| Color | CU | 15 | 10 | 3 | 5 | 2 |
| Corrosion | | | No | No | No | No |
| Odor | | 3 | 50 | 2 | 0 | 0 |
| pH | pH | 6.5-8.5 | 4.0 | 6.3 | 5.4 | 4.1 |
| Specific Conductivity | µmho/cm | | 24 | 26 | 25 | 22 |
| TDS | mg/L | 500 | 32 | 19 | 36 | 5 |
| Temp | °C | | 19.6 | 19.5 | 20.8 | 16.3 |
| Turbidity | 1/TU | | 0.59 | 0.86 | 1.1 | 0.7 |
| Ag | mg/L | 0.05 | <0.001 | <0.001 | <0.001 | <0.001 |
| As | mg/L | 0.05 | <0.002 | <0.002 | <0.002 | <0.002 |
| Ba | mg/L | 1.0 | <0.05 | <0.05 | 0.7 | <0.05 |
| Be | mg/L | | <0.010 | 0.014 | <0.005 | <0.005 |
| Cd | mg/L | 0.01 | 0.001 | 0.001 | <0.001 | 0.032 |
| Cr | mg/L | 0.05 | 0.002 | 0.002 | 0.007 | 0.002 |
| Cu | mg/L | 1.0 | 0.002 | 0.006 | 0.006 | 0.004 |
| Fe | mg/L | 0.3 | 0.140 | 0.12 | 0.70 | 0.94 |
| Hg | mg/L | 0.002 | <0.0002 | <0.0002 | 0.0003 | <0.0002 |
| Mn | mg/L | 0.05 | 0.020 | 0.020 | <0.02 | 0.03 |
| Na | mg/L | | 2.68 | 2.17 | 2.87 | 5.35 |
| Ni | mg/L | | 0.002 | 0.009 | 0.010 | 0.020 |
| Pb | mg/L | 0.05 | 0.857 | 0.005 | 0.010 | 0.028 |
| Se | mg/L | 0.01 | <0.002 | <0.002 | <0.002 | <0.002 |
| Zn | mg/L | 5 | 0.078 | 0.078 | 0.080 | 0.060 |
| Cl | mg/L | 250 | 3 | 3 | 3.7 | 2.8 |
| CN | mg/L | | <0.005 | <0.005 | <0.005 | <0.005 |
| F | mg/L | 1.6 | <0.15 | 0.11 | <0.10 | <0.01 |
| Foaming agents | mg/L | 0.5 | 0.02 | <0.01 | 0.02 | 0.03 |
| $H_2S$ | mg/L | | <1.0 | <1.0 | <1.0 | <1.0 |
| $NO_3$ | mg/L | 10 | 1.19 | 3.01 | 0.95 | 0.91 |
| $SO_4$ | mg/L | 250 | <5 | 22 | <5 | <5 |
| Gross Alpha | pCi/L | 15 | 1.2±0.7 | 0.5±0.4 | 0.37±0.5 | 1.2 |
| Gross Beta | pCi/L | | 5±8 | 1.7±6.5 | 6.2±8.4 | 6.8 |
| Ra | pCi/L | 5 | <0.43 | 0.40 | 2.83 | 0.33 |
| DOC | mg/L | | 8 | 1.5 | 3 | 6.5 |
| GC | µg/L | | <40 | - | <40 | <40 |
| Phenols | mg/L | | <0.002 | <0.002 | 0.003 | <0.002 |
| TOC | mg/L | | 4 | 4.0 | 3 | 11.5 |
| TOH | mg/L | | 0.013 | 0.025 | 19.0 | 0.011 |
| Endrin | µg/L | 0.2 | <0.009 | <0.04 | <0.04 | <0.04 |
| Lindane | µg/L | 4 | <0.005 | <1 | <1 | <1 |
| Methoxychlor | µg/L | 100 | <0.06 | <20 | <20 | <20 |
| Toxaphene | µg/L | 5 | <1.04 | <1 | <1 | <1 |
| 24D | µg/L | 100 | <0.41 | <20 | <20 | <20 |
| 245TP | µg/L | 10 | <0.13 | <2 | <2 | <2 |

Table F-13. Results of monitoring well analyses for H-Area seepage basin (continued)[a]

HSB-67 Downgradient N71499.98 E58409.98 Elev = 237.6

| Parameter | Units | DWS | 2QR 82 | 3QR 82 | 4QR 82 | 1QR 83 |
|---|---|---|---|---|---|---|
| Water Table Elevation | Ft | | 228.6 | 228.1 | 228.6 | 228.6 |
| Coliform B | #/100 ml | | 0 | 0 | 0 | 0 |
| Color | CU | 15 | 2 | 3 | 7 | 2 |
| Corrosion | | | No | No | No | No |
| Odor | | 3 | 0 | 0 | 12 | 0 |
| pH | pH | 6.5-8.5 | 3.6 | 4.4 | 4.2 | 4.2 |
| Specific Conductivity | µmho/cm | | 180 | 54 | 80 | 87 |
| TDS | mg/L | 500 | 156 | 54 | 52 | 52 |
| Temp | °C | | 17.8 | 20.4 | 21.5 | 13.5 |
| Turbidity | 1/TU | | 56 | 0.89 | 0.4 | 3.9 |
| Ag | mg/L | 0.05 | <0.001 | <0.001 | <0.001 | <0.001 |
| As | mg/L | 0.05 | <0.002 | <0.002 | <0.002 | <0.002 |
| Ba | mg/L | 1.0 | 0.080 | 0.08 | <0.05 | <0.05 |
| Be | mg/L | | <0.005 | <0.005 | <0.005 | <0.005 |
| Cd | mg/L | 0.01 | 0.002 | <0.001 | <0.001 | <0.002 |
| Cr | mg/L | 0.05 | 0.004 | 0.002 | 0.007 | 0.004 |
| Cu | mg/L | 1.0 | 0.004 | 0.002 | 0.003 | 0.002 |
| Fe | mg/L | 0.3 | 2.548 | 2.91 | 1.61 | 1.75 |
| Hg | mg/L | 0.002 | 0.0458 | 0.0092 | 0.0074 | 0.0067 |
| Mn | mg/L | 0.05 | 0.056 | <0.020 | <0.02 | 0.05 |
| Na | mg/L | | 33.75 | 6.13 | 12.91 | 16.40 |
| Ni | mg/L | | 0.004 | <0.002 | 0.005 | 0.015 |
| Pb | mg/L | 0.05 | 0.008 | 0.002 | 0.011 | 0.004 |
| Se | mg/L | 0.01 | <0.002 | <0.002 | <0.002 | <0.002 |
| Zn | mg/L | 5 | 0.072 | 0.066 | 0.048 | 0.042 |
| Cl | mg/L | 250 | 5 | 3 | 4.2 | 4.6 |
| CN | mg/L | | <0.005 | <0.005 | <0.005 | <0.005 |
| F | mg/L | 1.6 | <0.10 | <0.10 | <0.10 | <0.01 |
| Foaming agent | mg/L | 0.5 | 0.03 | <0.01 | <0.01 | <0.01 |
| $H_2S$ | mg/L | | <1.0 | <1.0 | <1.0 | <1.0 |
| $NO_3$ | mg/L | 10 | 19.5 | 4.26 | 7.89 | 8.71 |
| $SO_4$ | mg/L | 250 | <5 | 16 | <5 | <5 |
| Gross Alpha | pCi/L | 15 | 4.9±1.3 | 1.2±0.6 | 1.11±0.79 | 1.2 |
| Gross Beta | pCi/L | | 1009±26 | 93.5±9.1 | 96.2±11.2 | 154 |
| Ra | pCi/L | 5 | 3.81 | 1.38 | <0.39 | 0.97 |
| DOC | mg/L | | 7 | 1.5 | 2 | 6.0 |
| GC | µg/L | | <40 | 70 | <40 | <40 |
| Phenols | mg/L | | <0.002 | <0.002 | 0.007 | <0.002 |
| TOC | mg/L | | 6 | 3.5 | 5 | 9.0 |
| TOH | mg/L | | 0.100 | 0.068 | 0.110 | 0.047 |
| Endrin | µg/L | 0.2 | <0.009 | <0.04 | <0.04 | <0.04 |
| Lindane | µg/L | 4 | <0.005 | <1 | <1 | <1 |
| Methoxychlor | µg/L | 100 | <0.06 | <20 | <20 | <20 |
| Toxaphene | µg/L | 5 | <1.04 | <1 | <1 | <1 |
| 24D | µg/L | 100 | <0.41 | <20 | <20 | <20 |
| 245TP | µg/L | 10 | <0.13 | <2 | <2 | <2 |

Table F-13. Results of monitoring well analyses for H-Area seepage basin (continued)[a]

HSB-68 Downgradient N73660.00 E50145.00 Elev = 217.7

| Parameter | Units | DWS | 2QR 82 | 3QR 82 | 4QR 82 | 1QR 83 |
|---|---|---|---|---|---|---|
| Water Table Elevation | Ft | | 226.4 | 226.0 | 226.3 | 226.5 |
| Coliform B | #/100 ml | | 0 | 0 | 0 | 1800 |
| Color | CU | 15 | 2 | >5 | >5 | 2 |
| Corrosion | | | No | No | No | No |
| Odor | | 3 | 0 | 1.4 | 0 | 4 |
| pH | pH | 6.5-8.5 | 3.1 | 4.2 | 4.0 | 5.1 |
| Specific Conductivity | µmho/cm | | 160 | 170 | 174 | 418 |
| TDS | mg/L | 500 | 148 | 141 | 116 | 39 |
| Temp | °C | | 12.6 | 20.1 | 19.9 | 15.5 |
| Turbidity | 1/TU | | 100 | 8.5 | 0.5 | 0.3 |
| Ag | mg/L | 0.05 | <0.001 | <0.001 | <0.001 | <0.001 |
| As | mg/L | 0.05 | <0.002 | <0.002 | 0.005 | <0.002 |
| Ba | mg/L | 1.0 | <0.05 | 0.78 | <0.05 | 0.14 |
| Be | mg/L | | <0.010 | 0.035 | <0.005 | <0.005 |
| Cd | mg/L | 0.01 | 0.002 | <0.001 | 0.001 | 0.010 |
| Cr | mg/L | 0.05 | 0.017 | 0.008 | 0.047 | 0.051 |
| Cu | mg/L | 1.0 | 0.004 | 0.004 | 0.016 | 0.017 |
| Fe | mg/L | 0.3 | 45.78 | 172 | 139.6 | 231.6 |
| Hg | mg/L | 0.002 | 0.0048 | 0.0058 | 0.0039 | 0.0087 |
| Mn | mg/L | 0.05 | 0.762 | 1.277 | 0.51 | 1.19 |
| Na | mg/L | | 60.10 | 50.4 | 27.53 | 101.6 |
| Ni | mg/L | | 0.009 | 0.015 | 0.019 | 0.021 |
| Pb | mg/L | 0.05 | 0.025 | 0.018 | 0.043 | 0.029 |
| Se | mg/L | 0.01 | <0.002 | <0.002 | <0.002 | <0.002 |
| Zn | mg/L | 5 | 0.074 | 0.120 | 0.180 | 0.219 |
| Cl | mg/L | 250 | 4 | 2 | 3.6 | 3.5 |
| CN | mg/L | | <0.005 | <0.008 | <0.005 | <0.005 |
| F | mg/L | 1.6 | 0.10 | <0.10 | <0.10 | <0.01 |
| Foaming agents | mg/L | 0.5 | 0.02 | <0.01 | <0.01 | <0.01 |
| $H_2S$ | mg/L | | <1.0 | <1.0 | <1.0 | <1.0 |
| $NO_3$ | mg/L | 10 | 18.8 | 30.1 | 68.5 | 65.31 |
| $SO_4$ | mg/L | 250 | <5 | 27 | <5 | <5 |
| Gross Alpha | pCi/L | 15 | 3.2±1.1 | 6.1±1.3 | 4.54±1.55 | 3.2 |
| Gross Beta | pCi/L | | 1280±29 | 1502±28 | 1824±35 | 14.9 |
| Ra | pCi/L | 5 | 5.37 | 12.18 | 1.06 | 6.06 |
| DOC | mg/L | | 5 | <1.0 | 3 | 11.5 |
| GC | µg/L | | <40 | <40 | <40 | <40 |
| Phenols | mg/L | | <0.002 | 0.010 | 0.016 | <0.002 |
| TOC | mg/L | | 7 | 8.5 | 10 | 20.0 |
| TOH | mg/L | | 0.280 | 0.018 | <0.005 | 0.012 |
| Endrin | µg/L | 0.2 | <0.009 | <0.04 | <0.04 | <0.04 |
| Lindane | µg/L | 4 | <0.005 | <1 | <1 | 1.8 |
| Methoxychlor | µg/L | 100 | <0.06 | <20 | <201 | <20 |
| Toxaphene | µg/L | 5 | <1.04 | <1 | <1 | <1 |
| 24D | µg/L | 100 | <0.41 | <20 | <20 | <20 |
| 245TP | µg/L | 10 | <0.13 | <2 | <2 | <2 |

Table F-13. Results of monitoring well analyses for H-Area seepage basin (continued)[a]

HSB-69 Downgradient N72550.00 E56400.00 Elev = 235.8

| Parameter | Units | DWS | 2QR 82 | 3QR 82 | 4QR 82 | 1QR 83 |
|---|---|---|---|---|---|---|
| Water Table Elevation | Ft | | 222.3 | 216.9 | 222.8 | 222.7 |
| Coliform B | #/100 ml | | 0 | 0 | 0 | 20 |
| Color | CU | 15 | 5 | 3 | 7 | 2 |
| Corrosion | | | No | No | No | No |
| Odor | | 3 | 0 | 2 | 0 | 0 |
| pH | pH | 6.5-8.5 | 3.6 | 4.5 | 4.4 | 4.1 |
| Specific Conductivity | µmho/cm | | 80 | 18 | 25 | 86 |
| TDS | mg/L | 500 | 68 | 22 | 18 | 81 |
| Temp | °C | | 16.3 | 18.9 | 21.2 | 14.6 |
| Turbidity | 1/TU | | 1.4 | 1.2 | 1.0 | 0.1 |
| Ag | mg/L | 0.05 | <0.001 | <0.001 | <0.001 | <0.001 |
| As | mg/L | 0.05 | <0.002 | <0.002 | <0.002 | <0.002 |
| Ba | mg/L | 1.0 | <0.05 | 0.24 | 0.06 | 0.18 |
| Be | mg/L | | <0.010 | 0.014 | <0.005 | <0.005 |
| Cd | mg/L | 0.01 | 0.001 | <0.001 | <0.001 | <0.005 |
| Cr | mg/L | 0.05 | 0.009 | 0.002 | 0.004 | 0.006 |
| Cu | mg/L | 1.0 | 0.007 | 0.002 | 0.002 | 0.006 |
| Fe | mg/L | 0.3 | 9.55 | 24.65 | 7.30 | 16.35 |
| Hg | mg/L | 0.002 | 0.006 | <0.003 | 0.006 | 0.006 |
| Mn | mg/L | 0.05 | 0.048 | 0.081 | 0.12 | 0.05 |
| Na | mg/L | | 18.04 | 102.1 | 4.16 | 17.40 |
| Ni | mg/L | | 0.005 | 0.010 | 0.009 | 0.016 |
| Pb | mg/L | 0.05 | <0.001 | 0.006 | 0.008 | 0.009 |
| Se | mg/L | 0.01 | <0.002 | <0.002 | <0.002 | <0.002 |
| Zn | mg/L | 5 | 0.101 | 0.095 | <0.010 | 0.131 |
| Cl | mg/L | 250 | 3 | 2 | 3.4 | 2.1 |
| CN | mg/L | | <0.005 | 0.005 | <0.005 | <0.005 |
| F | mg/L | 1.6 | 0.10 | <0.10 | <0.10 | <0.01 |
| Foaming agents | mg/L | 0.5 | 0.01 | <0.01 | <0.01 | <0.01 |
| $H_2S$ | mg/L | | <1.0 | <1.0 | <1.0 | <1.0 |
| $NO_3$ | mg/L | 10 | 8.83 | 1.13 | 0.51 | 9.11 |
| $SO_4$ | mg/L | 250 | <5 | 16 | <5 | <5 |
| Gross Alpha | pCi/L | 15 | 1.2±0.7 | 1.6±0.7 | 0.69±0.64 | 0.8 |
| Gross Beta | pCi/L | | 36±9 | 16.3±7.0 | 19.1±8.9 | 21.4 |
| Ra | pCi/L | 5 | 1.32 | 0.91 | <0.46 | 1.61 |
| DOC | mg/L | | 7 | 1.5 | 3 | 6.0 |
| GC | µg/L | | <40 | <40 | <40 | <40 |
| Phenols | mg/L | | <0.002 | <0.002 | 0.004 | <0.002 |
| TOC | mg/L | | 8 | 2.0 | 3 | 12.0 |
| TOH | mg/L | | 0.009 | 0.022 | 5.3 | 0.010 |
| Endrin | µg/L | 0.2 | <0.009 | <0.04 | <0.04 | <0.04 |
| Lindane | µg/L | 4 | <0.005 | <1 | <1 | <1 |
| Methoxychlor | µg/L | 100 | <0.06 | <20 | <20 | <20 |
| Toxaphene | µg/L | 5 | <1.04 | <1 | <1 | <1 |
| 24D | µg/L | 100 | 0.41 | <20 | <20 | <20 |
| 245TP | µg/L | 10 | <0.13 | <2 | <2 | <2 |

Table F-13. Results of monitoring well analyses for H-Area seepage basin (continued)[a]

HSB-70 Upgradient N72600.00 E55760.00 Elev = 242.5

| Parameter | Units | DWS | 2QR 82 | 3QR 82 | 4QR 82 | 1QR 83 |
|---|---|---|---|---|---|---|
| Water Table Elevation | Ft | | 229.9 | 231.0 | 231.0 | 231.2 |
| Coliform B | #/100 ml | | 0 | 0 | 8 | 32 |
| Color | CU | 15 | 5 | 2 | 10 | 0 |
| Corrosion | | | No | No | No | No |
| Odor | | 3 | 50 | 0 | 10 | 0 |
| pH | pH | 6.5-8.5 | 3.9 | 4.5 | 4.7 | 4.7 |
| Specific Conductivity | µmho/cm | | 36 | 40 | 31 | 35 |
| TDS | mg/L | 500 | 35 | 101 | 18 | 38 |
| Temp | °C | | 17.8 | 23.1 | 21.2 | 13.2 |
| Turbidity | 1/TU | | 1.2 | 1.4 | 2.0 | 0.7 |
| Ag | mg/L | 0.05 | <0.001 | <0.001 | <0.001 | <0.001 |
| As | mg/L | 0.05 | <0.002 | <0.002 | <0.002 | <0.002 |
| Ba | mg/L | 1.0 | <0.05 | 0.10 | <0.05 | 0.32 |
| Be | mg/L | | <0.010 | <0.010 | <0.005 | <0.005 |
| Cd | mg/L | 0.01 | <0.001 | <0.001 | <0.001 | 0.002 |
| Cr | mg/L | 0.05 | <0.004 | 0.10 | 0.002 | 0.008 |
| Cu | mg/L | 1.0 | 0.008 | 0.004 | <0.002 | 0.002 |
| Fe | mg/L | 0.3 | 11.64 | 8.452 | 0.75 | 3.56 |
| Hg | mg/L | 0.002 | <0.0002 | <0.0002 | 0.0004 | <0.0002 |
| Mn | mg/L | 0.05 | <0.02 | 0.023 | <0.02 | 0.06 |
| Na | mg/L | | 1.66 | 1.04 | 1.48 | 2.98 |
| Ni | mg/L | | 0.003 | <0.001 | 0.007 | 0.039 |
| Pb | mg/L | 0.05 | 0.004 | 0.002 | 0.003 | 0.001 |
| Se | mg/L | 0.01 | <0.002 | 0.002 | <0.002 | <0.002 |
| Zn | mg/L | 5 | 0.044 | 0.016 | 0.057 | 0.090 |
| Cl | mg/L | 250 | 2 | 2 | 2.8 | 1.4 |
| CN | mg/L | | 0.006 | <0.005 | <0.005 | <0.005 |
| F | mg/L | 1.6 | <0.10 | 0.10 | <0.10 | <0.01 |
| Foaming agents | mg/L | 0.5 | 0.02 | <0.01 | <0.01 | <0.01 |
| $H_2S$ | mg/L | | <1.0 | <1.0 | <1.0 | <1.0 |
| $NO_3$ | mg/L | 10 | 0.13 | 0.29 | 0.12 | 0.31 |
| $SO_4$ | mg/L | 250 | <5 | 7.5 | 10 | <5 |
| Gross Alpha | pCi/L | 15 | 0.7±0.6 | 0.7±0.7 | 0.74±0.66 | 0.9 |
| Gross Beta | pCi/L | | 5±8 | 6.5±8.2 | 10.3±8.6 | 12.5 |
| Ra | pCi/L | 5 | <0.33 | <0.20 | <0.41 | 0.57 |
| DOC | mg/L | | 7 | 1 | 3 | 10.0 |
| GC | µg/L | | <40 | <40 | <40 | <40 |
| Phenols | mg/L | | <0.002 | <0.002 | 0.004 | <0.002 |
| TOC | mg/L | | 5 | 4 | 5 | 17.5 |
| TOH | mg/L | | 0.037 | 0.046 | 0.013 | 0.006 |
| Endrin | µg/L | 0.2 | <0.009 | <0.04 | <0.04 | <0.04 |
| Lindane | µg/L | 4 | <0.005 | <1 | <1 | <1 |
| Methoxychlor | µg/L | 100 | <0.06 | <20 | <20 | <20 |
| Toxaphene | µg/L | 5 | <1.04 | <1 | <1 | <1 |
| 24D | µg/L | 100 | <0.41 | <20 | <20 | <20 |
| 245TP | µg/L | 10 | <0.13 | <2 | <2 | <2 |

Table F-13. Results of monitoring well analyses for H-Area seepage basin (continued)[a]

HSB-71 Downgradient N73660.00 E50145.00 Elev = 217.7

| Parameter | Units | DWS | 2QR 82 | 3QR 82 | 4QR 82 | 1QR 83 |
|---|---|---|---|---|---|---|
| Water Table Elevation | Ft | | 226.1 | 225.8 | 226.3 | 226.1 |
| Coliform B | #/100 ml | | 0 | 2 | 0 | 3 |
| Color | CU | 15 | 3 | 2 | 5 | 2 |
| Corrosion | | | No | No | No | No |
| Odor | | 3 | 0 | 0 | 0 | 0 |
| pH | pH | 6.5-8.5 | 4.2 | 4.4 | 4.6 | 4.4 |
| Specific Conductivity | µmho/cm | | 69 | 41 | 34 | 18 |
| TDS | mg/L | 500 | 86 | 113 | 13 | 28 |
| Temp | °C | | 17.1 | 20.4 | 21.4 | 13.5 |
| Turbidity | 1/TU | | 1.1 | 1.86 | 3.6 | 7.9 |
| Ag | mg/L | 0.05 | <0.001 | <0.001 | <0.001 | <0.001 |
| As | mg/L | 0.05 | <0.002 | <0.002 | <0.002 | <0.002 |
| Ba | mg/L | 1.0 | 0.148 | 0.18 | <0.05 | 0.13 |
| Be | mg/L | | <0.010 | <0.010 | <0.005 | <0.005 |
| Cd | mg/L | 0.01 | <0.001 | <0.001 | <0.001 | 0.005 |
| Cr | mg/L | 0.05 | 0.005 | 0.014 | 0.003 | 0.003 |
| Cu | mg/L | 1.0 | 0.011 | 0.007 | 0.004 | 0.003 |
| Fe | mg/L | 0.3 | 0.987 | 1.008 | 0.59 | 1.33 |
| Hg | mg/L | 0.002 | <0.0002 | <0.0002 | 0.0003 | <0.0002 |
| Mn | mg/L | 0.05 | <0.02 | 0.053 | 0.06 | <0.02 |
| Na | mg/L | | 11.34 | 12.04 | 4.34 | 6.53 |
| Ni | mg/L | | <0.001 | 0.016 | 0.009 | 0.011 |
| Pb | mg/L | 0.05 | <0.001 | 0.016 | 0.005 | 0.010 |
| Se | mg/L | 0.01 | <0.002 | <0.002 | <0.002 | <0.002 |
| Zn | mg/L | 5 | 0.067 | 0.115 | 0.049 | 0.077 |
| Cl | mg/L | 250 | 4 | 3 | 3.9 | 1.2 |
| CN | mg/L | | 0.005 | <0.005 | <0.005 | <0.005 |
| F | mg/L | 1.6 | 0.10 | 0.11 | <0.10 | <0.01 |
| Foaming agents | mg/L | 0.5 | 0.02 | <0.01 | <0.01 | <0.01 |
| $H_2S$ | mg/L | | <1.0 | <1.0 | <1.0 | <1.0 |
| $NO_3$ | mg/L | 10 | 5.31 | 2.51 | 1.07 | 0.21 |
| $SO_4$ | mg/L | 250 | <5 | 7.5 | <5 | <5 |
| Gross Alpha | pCi/L | 15 | 0.9±0.7 | 0.5±0.6 | 0.37±0.5 | 0.4 |
| Gross Beta | pCi/L | | 18±8 | 3.3±8.1 | 7.4±8.4 | 0.9 |
| Ra | pCi/L | 5 | <0.43 | <0.32 | <0.37 | 0.18 |
| DOC | mg/L | | 7 | 6 | 3 | 6.5 |
| GC | µg/L | | <40 | <40 | <40 | <40 |
| Phenols | mg/L | | <0.002 | <0.002 | 0.005 | <0.002 |
| TOC | mg/L | | 6 | 4 | 3 | 11.5 |
| TOH | mg/L | | 0.037 | 0.270 | 0.011 | 0.011 |
| Endrin | µg/L | 0.2 | <0.009 | <0.04 | <0.04 | <0.04 |
| Lindane | µg/L | 4 | <0.005 | <1 | <1 | <1 |
| Methoxychlor | µg/L | 100 | <0.06 | <20 | <20 | <20 |
| Toxaphene | µg/L | 5 | <1.04 | <1 | <1 | <1 |
| 24D | µg/L | 100 | <0.41 | <20 | <20 | <20 |
| 245TP | µg/L | 10 | <0.13 | <2 | <2 | <2 |

[a]Adapted from Du Pont, 1983