

Appendix D

Vashon-Maury Island 2001 – 2004 Monitoring Data

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Appendix D
Vashon-Maury Island
2001-2004 Monitoring Data
Table D-1
Volatile Organic Compounds

| Well ID | Sample Date | 1,1-DICHLOROETHANE ug/l | 1,1-DICHLOROETHYLENE ug/l | 1,1,1-TRICHLOROETHANE ug/l | 1,1,1,2-TRICHLOROETHANE ug/l | 1,1,1,2,2-TETRACHLOROETHANE ug/l | 1,2-DICHLOROETHANE ug/l | TRANS-1,2-DICHLOROETHENE ug/l | 1,2-DICHLOROPROPANE ug/l | CIS-1,3-DICHLOROPROPENE ug/l | TRANS-1,3-DICHLOROPROPENE ug/l | 2-BUTANONE ug/l | 4-METHYL-2-PENTANONE ug/l | ACETONE ug/l | ACRYLONITRILE ug/l | BENZENE ug/l | BROMODICHLOROMETHANE ug/l | BROMOMETHANE ug/l |
|-----------|-------------|----------------------------|------------------------------|-------------------------------|---------------------------------|-------------------------------------|----------------------------|----------------------------------|-----------------------------|---------------------------------|-----------------------------------|--------------------|------------------------------|-----------------|-----------------------|-----------------|------------------------------|----------------------|
| VAS_w-02a | 11/26/01 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.5 U | 0.25 U | 0.5 U | 0.1 U | 0.1 U | 0.1 U |
| VAS_w-03 | 11/26/2001 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.5 U | 0.25 U | 0.5 U | 0.1 U | 0.1 U | 0.1 U |
| VAS_w-04 | 11/26/01 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.5 U | 0.25 U | 0.5 U | 0.1 U | 0.1 U | 0.1 U |
| VAS_w-04 | 11/26/01 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.5 U | 0.25 U | 0.5 U | 0.1 U | 0.1 U | 0.1 U |
| VAS_w-06 | 12/3/01 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.5 U | 0.25 U | 0.5 U | 0.1 U | 0.1 U | 0.1 U |
| VAS_w-07 | 11/27/2001 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.5 U | 0.25 U | 0.5 U | 0.1 U | 0.1 U | 0.1 U |
| VAS_w-07 | 11/27/2001 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.5 U | 0.25 U | 0.5 U | 0.1 U | 0.1 U | 0.1 U |
| VAS_w-08 | 11/27/2001 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.5 U | 0.25 U | 0.5 U | 0.1 U | 0.1 U | 0.1 U |
| VAS_w-09b | 11/28/01 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.5 U | 0.25 U | 0.5 U | 0.1 U | 0.1 U | 0.1 U |
| VAS_w-11 | 6/3/02 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.5 U | 0.25 U | 0.5 U | 0.1 U | 0.1 U | 0.1 U |
| VAS_w-12 | 11/28/01 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.5 U | 0.25 U | 0.5 U | 0.1 U | 0.1 U | 0.1 U |
| VAS_w-13 | 12/4/01 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.5 U | 0.25 U | 0.5 U | 0.1 U | 0.1 U | 0.1 U |
| VAS_w-14 | 11/29/01 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.5 U | 0.25 U | 0.5 U | 0.1 U | 0.1 U | 0.1 U |
| VAS_w-15 | 11/29/01 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.5 U | 0.25 U | 0.5 U | 0.1 U | 0.1 U | 0.1 U |
| VAS_w-16a | 11/29/01 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.5 U | 0.25 U | 0.5 U | 0.1 U | 0.1 U | 0.1 U |
| VAS_w-17 | 11/29/01 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.5 U | 0.25 U | 0.5 U | 0.1 U | 0.1 U | 0.1 U |
| VAS_w-18 | 12/3/01 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.5 U | 0.25 U | 0.5 U | 0.1 U | 0.1 U | 0.1 U |
| VAS_w-19 | 6/3/02 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.5 U | 0.25 U | 0.5 U | 0.1 U | 0.1 U | 0.1 U |
| VAS_w-20 | 12/3/01 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.5 U | 0.25 U | 0.5 U | 0.1 U | 0.1 U | 0.1 U |
| VAS_w-21 | 11/26/01 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.5 U | 0.25 U | 0.5 U | 0.1 U | 0.1 U | 0.1 U |
| VAS_s-02 | 11/27/01 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.5 U | 0.25 U | 0.5 U | 0.1 U | 0.1 U | 0.1 U |
| VAS_s-03 | 11/27/01 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.5 U | 0.25 U | 0.5 U | 0.1 U | 0.1 U | 0.1 U |

The following qualifiers are used in the data tables:

- B - The analyte was detected in the laboratory blank sample. The concentration indicated in the table is likely to be higher than the actual concentration in the groundwater.
- E - The analytical results were estimated due to matrix interference.
- J - The analyte was positively identified but at a concentration below the quantification limit. The concentration indicated is an estimated value.
- R - The analytical results were rejected due to quality assurance concerns.
- U - The analyte was not detected. The laboratory quantification limit is indicated in the table.

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2001-2004 Monitoring Data
Table D-1
Volatile Organic Compounds

| Well ID | Sample Date | CARBON DISULFIDE ug/l | CARBON TETRACHLORIDE ug/l | CHLOROBENZENE ug/l | CHLOROETHANE ug/l | CHLOROMETHANE ug/l | CHLOROFORM ug/l | CHLORODIBROMOMETHANE ug/l | CFC-11 ug/l | DICHLOROMETHANE ug/l | ETHYLBENZENE ug/l | METHYLBENZENE ug/l | STYRENE (MONOMER) ug/l | TETRACHLOROETHYLENE ug/l | TRIBROMOMETHANE ug/l | TRICHLOROETHYLENE ug/l | VINYL CHLORIDE ug/l | VINYL ACETATE ug/l | TOTAL XYLENE ug/l |
|-----------|-------------|--------------------------|------------------------------|-----------------------|----------------------|-----------------------|--------------------|------------------------------|----------------|-------------------------|----------------------|-----------------------|---------------------------|-----------------------------|-------------------------|---------------------------|------------------------|-----------------------|----------------------|
| VAS_w-02a | 11/26/01 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.25 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.1 U |
| VAS_w-03 | 11/26/2001 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.25 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.1 U |
| VAS_w-04 | 11/26/01 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.25 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.1 U |
| VAS_w-04 | 11/26/01 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.25 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.1 U |
| VAS_w-06 | 12/3/01 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.25 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.1 U |
| VAS_w-07 | 11/27/2001 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.25 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.1 U |
| VAS_w-07 | 11/27/2001 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.25 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.1 U |
| VAS_w-08 | 11/27/2001 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.25 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.1 U |
| VAS_w-09b | 11/28/01 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.25 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.1 U |
| VAS_w-11 | 6/3/02 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.25 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.1 U |
| VAS_w-12 | 11/28/01 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.25 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.1 U |
| VAS_w-13 | 12/4/01 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.25 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.1 U |
| VAS_w-14 | 11/29/01 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.25 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.1 U |
| VAS_w-15 | 11/29/01 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.25 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.1 U |
| VAS_w-16a | 11/29/01 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.25 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.1 U |
| VAS_w-17 | 11/29/01 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.25 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.1 U |
| VAS_w-18 | 12/3/01 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.25 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.1 U |
| VAS_w-19 | 6/3/02 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.25 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.1 U |
| VAS_w-20 | 12/3/01 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.25 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.1 U |
| VAS_w-21 | 11/26/01 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.25 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.1 U |
| VAS_s-02 | 11/27/01 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.25 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.1 U |
| VAS_s-03 | 11/27/01 | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.25 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.1 U | 0.5 U | 0.1 U |

The following qualifiers are used in the data tables:

- B - The analyte was detected in the laboratory blank sample. The concentration indicated in the table is likely to be higher than the actual concentration in the groundwater.
- E - The analytical results were estimated due to matrix interference.
- J - The analyte was positively identified but at a concentration below the quantification limit. The concentration indicated is an estimated value.
- R - The analytical results were rejected due to quality assurance concerns.
- U - The analyte was not detected. The laboratory quantification limit is indicated in the table.

Appendix D
 Vashon-Maury Island
 2001-2004 Monitoring Data
 Table D-2
 Semivolatile Organic Compounds

| Location Desc | Sample Date | 1,2,4-TRICHLOROBENZENE ug/l | | 1,2-DICHLOROBENZENE ug/l | | M-DICHLOROBENZENE ug/l | | 1,4-DICHLOROBENZENE ug/l | | 2,2-OXYBIS (1-CHLOROPROPANE) ug/l | | 2,4,5-TRICHLOROPHENOL ug/l | | 2,4,6-TRICHLOROPHENOL ug/l | | 2,4-DICHLOROPHENOL ug/l | | 2,4-DIMETHYLPHENOL ug/l | | 2,4-DINITROPHENOL ug/l | | 2,4-DINITROTOLUENE ug/l | | 2,6-DINITROTOLUENE ug/l | | 2-CHLORONAPHTHALENE ug/l | | 2-CHLOROPHENOL ug/l | | 2-METHYLNAPHTHALENE ug/l | |
|---------------|-------------|--------------------------------|---|-----------------------------|---|---------------------------|---|-----------------------------|---|--------------------------------------|---|-------------------------------|---|-------------------------------|---|----------------------------|---|----------------------------|---|---------------------------|---|----------------------------|---|----------------------------|---|-----------------------------|---|------------------------|---|-----------------------------|---|
| VAS_s-02 | 11/27/01 | 0.0025 | U | 0.0025 | U | 0.0025 | U | 0.0025 | U | 0.0025 | U | 0.025 | U | 0.025 | U | 0.013 | U | 0.025 | U | 0.13 | U | 0.063 | U | 0.025 | U | 0.0025 | U | 0.0025 | U | 0.0025 | U |
| VAS_s-03 | 11/27/01 | 0.0025 | U | 0.0025 | U | 0.0025 | U | 0.0025 | U | 0.0025 | U | 0.025 | U | 0.025 | U | 0.013 | U | 0.025 | U | 0.13 | U | 0.063 | U | 0.025 | U | 0.0025 | U | 0.0025 | U | 0.0025 | U |
| VAS_w-02a | 11/26/01 | 0.0027 | U | 0.0027 | U | 0.0027 | U | 0.0027 | U | 0.0027 | U | 0.027 | U | 0.027 | U | 0.014 | U | 0.027 | U | 0.14 | U | 0.068 | U | 0.027 | U | 0.0027 | U | 0.0027 | U | 0.0027 | U |
| VAS_w-03 | 11/26/01 | 0.0025 | U | 0.0025 | U | 0.0025 | U | 0.0025 | U | 0.0025 | U | 0.025 | U | 0.025 | U | 0.013 | U | 0.025 | U | 0.13 | U | 0.063 | U | 0.025 | U | 0.0025 | U | 0.0025 | U | 0.0025 | U |
| VAS_w-04 | 11/26/01 | 0.0025 | U | 0.0025 | U | 0.0025 | U | 0.0025 | U | 0.0025 | U | 0.025 | U | 0.025 | U | 0.013 | U | 0.025 | U | 0.13 | U | 0.063 | U | 0.025 | U | 0.0025 | U | 0.0025 | U | 0.0025 | U |
| VAS_w-04 | 11/26/01 | 0.0025 | U | 0.0025 | U | 0.0025 | U | 0.0025 | U | 0.0025 | U | 0.025 | U | 0.025 | U | 0.013 | U | 0.025 | U | 0.13 | U | 0.063 | U | 0.025 | U | 0.0025 | U | 0.0025 | U | 0.0025 | U |
| VAS_w-06 | 12/3/01 | 0.0026 | U | 0.0026 | U | 0.0026 | U | 0.0026 | U | 0.0026 | U | 0.026 | U | 0.026 | U | 0.013 | U | 0.026 | U | 0.13 | U | 0.066 | U | 0.026 | U | 0.0026 | U | 0.0026 | U | 0.0026 | U |
| VAS_w-07 | 11/27/01 | 0.0025 | U | 0.0025 | U | 0.0025 | U | 0.0025 | U | 0.0025 | U | 0.025 | U | 0.025 | U | 0.013 | U | 0.025 | U | 0.13 | U | 0.063 | U | 0.025 | U | 0.0025 | U | 0.0025 | U | 0.0025 | U |
| VAS_w-07 | 11/27/01 | 0.0025 | U | 0.0025 | U | 0.0025 | U | 0.0025 | U | 0.0025 | U | 0.025 | U | 0.025 | U | 0.013 | U | 0.025 | U | 0.13 | U | 0.063 | U | 0.025 | U | 0.0025 | U | 0.0025 | U | 0.0025 | U |
| VAS_w-08 | 11/27/01 | 0.0025 | U | 0.0025 | U | 0.0025 | U | 0.0025 | U | 0.0025 | U | 0.025 | U | 0.025 | U | 0.013 | U | 0.025 | U | 0.13 | U | 0.063 | U | 0.025 | U | 0.0025 | U | 0.0025 | U | 0.0025 | U |
| VAS_w-09b | 11/28/01 | 0.0027 | U | 0.0027 | U | 0.0027 | U | 0.0027 | U | 0.0027 | U | 0.027 | U | 0.027 | U | 0.014 | U | 0.027 | U | 0.14 | U | 0.068 | U | 0.027 | U | 0.0027 | U | 0.0027 | U | 0.0027 | U |
| VAS_w-11 | 6/3/02 | 0.0024 | U | 0.0024 | U | 0.0024 | U | 0.0024 | U | 0.0024 | U | 0.06 | U | 0.024 | U | 0.024 | U | 0.024 | U | 0.48 | U | 0.12 | U | 0.06 | U | 0.0048 | U | 0.012 | U | 0.0024 | U |
| VAS_w-12 | 11/28/01 | 0.0024 | U | 0.0024 | U | 0.0024 | U | 0.0024 | U | 0.0024 | U | 0.024 | U | 0.024 | U | 0.012 | U | 0.024 | U | 0.12 | U | 0.06 | U | 0.024 | U | 0.0024 | U | 0.0024 | U | 0.0024 | U |
| VAS_w-13 | 12/4/01 | 0.0025 | U | 0.0025 | U | 0.0025 | U | 0.0025 | U | 0.0025 | U | 0.025 | U | 0.025 | U | 0.013 | U | 0.025 | U | 0.13 | U | 0.063 | U | 0.025 | U | 0.0025 | U | 0.0025 | U | 0.0025 | U |
| VAS_w-14 | 11/29/01 | 0.0024 | U | 0.0024 | U | 0.0024 | U | 0.0024 | U | 0.0024 | U | 0.024 | U | 0.024 | U | 0.012 | U | 0.024 | U | 0.12 | U | 0.059 | U | 0.024 | U | 0.0024 | U | 0.0024 | U | 0.0024 | U |
| VAS_w-14 | 6/3/02 | 0.0034 | U | 0.0031 | U | 0.0033 | U | 0.0037 | U | 0.0037 | U | 0.0026 | U | 0.0022 | U | 0.0036 | U | 0.011 | U | 0.0074 | U | 0.0009 | U | 0.0019 | U | 0.0023 | U | 0.004 | U | 0.003 | U |
| VAS_w-15 | 11/29/01 | 0.0024 | U | 0.0024 | U | 0.0024 | U | 0.0024 | U | 0.0024 | U | 0.024 | U | 0.024 | U | 0.012 | U | 0.024 | U | 0.12 | U | 0.061 | U | 0.024 | U | 0.0024 | U | 0.0024 | U | 0.0024 | U |
| VAS_w-16a | 11/29/01 | 0.0024 | U | 0.0024 | U | 0.0024 | U | 0.0024 | U | 0.0024 | U | 0.024 | U | 0.024 | U | 0.012 | U | 0.024 | U | 0.12 | U | 0.059 | U | 0.024 | U | 0.0024 | U | 0.0024 | U | 0.0024 | U |
| VAS_w-17 | 11/29/01 | 0.0026 | U | 0.0026 | U | 0.0026 | U | 0.0026 | U | 0.0026 | U | 0.026 | U | 0.026 | U | 0.013 | U | 0.026 | U | 0.13 | U | 0.065 | U | 0.026 | U | 0.0026 | U | 0.0026 | U | 0.0026 | U |
| VAS_w-18 | 12/3/01 | 0.0027 | U | 0.0027 | U | 0.0027 | U | 0.0027 | U | 0.0027 | U | 0.027 | U | 0.027 | U | 0.014 | U | 0.027 | U | 0.14 | U | 0.068 | U | 0.027 | U | 0.0027 | U | 0.0027 | U | 0.0027 | U |
| VAS_w-19 | 6/3/02 | 0.0024 | U | 0.0024 | U | 0.0024 | U | 0.0024 | U | 0.0024 | U | 0.061 | U | 0.024 | U | 0.024 | U | 0.024 | U | 0.49 | U | 0.12 | U | 0.061 | U | 0.0049 | U | 0.012 | U | 0.0024 | U |
| VAS_w-20 | 12/3/01 | 0.0024 | U | 0.0024 | U | 0.0024 | U | 0.0024 | U | 0.0024 | U | 0.024 | U | 0.024 | U | 0.012 | U | 0.024 | U | 0.12 | U | 0.06 | U | 0.024 | U | 0.0024 | U | 0.0024 | U | 0.0024 | U |
| VAS_w-21 | 11/26/01 | 0.0025 | U | 0.0025 | U | 0.0025 | U | 0.0025 | U | 0.0025 | U | 0.025 | U | 0.025 | U | 0.013 | U | 0.025 | U | 0.13 | U | 0.063 | U | 0.025 | U | 0.0025 | U | 0.0025 | U | 0.0025 | U |

Data qualifiers are defined in Table D-1.
 -- Sample not analyzed

Appendix D
Vashon-Maury Island
2001-2004 Monitoring Data
Table D-2
Semivolatile Organic Compounds

| Location Desc | Sample Date | 2-METHYLPHENOL, O-CRESOL ug/l | 2-NITROANILINE ug/l | 2-NITROPHENOL ug/l | 3,3'-DICHLOROBENZIDINE ug/l | 3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE ug/l | 3-METHYLPHENOL, M-CRESOL ug/l | 3-NITROANILINE ug/l | 4,6-DINITRO-2-METHYLPHENOL ug/l | 4-BROMOPHENYL PHENYL ETHER ug/l | 4-CHLOROPHENYL PHENYL ETHER ug/l | 4-METHYLPHENOL, P-CRESOL ug/l | 4-NITROPHENOL ug/l | ACENAPHTHYLENE ug/l | ACENAPHTHALENE ug/l | ANILINE ug/l | ANTHRACENE ug/l |
|---------------|-------------|----------------------------------|------------------------|-----------------------|--------------------------------|---|----------------------------------|------------------------|------------------------------------|------------------------------------|-------------------------------------|----------------------------------|-----------------------|------------------------|------------------------|-----------------|--------------------|
| VAS_s-02 | 11/27/01 | 0.013 U | 0.063 U | 0.025 U | 0.063 U | 0.063 U | 0.013 U | 0.063 U | 0.063 U | 0.005 U | 0.005 U | 0.013 U | 0.13 U | 0.005 U | 0.0025 U | 0.013 U | 0.005 U |
| VAS_s-03 | 11/27/01 | 0.013 U | 0.063 U | 0.025 U | 0.063 U | 0.063 U | 0.013 U | 0.063 U | 0.063 U | 0.005 U | 0.005 U | 0.013 U | 0.13 U | 0.005 U | 0.0025 U | 0.013 U | 0.005 U |
| VAS_w-02a | 11/26/01 | 0.014 U | 0.068 U | 0.027 U | 0.068 U | 0.068 U | 0.014 U | 0.068 U | 0.068 U | 0.0054 U | 0.0054 U | 0.014 U | 0.14 U | 0.0054 U | 0.0027 U | 0.014 U | 0.0054 U |
| VAS_w-03 | 11/26/01 | 0.013 U | 0.063 U | 0.025 U | 0.063 U | 0.063 U | 0.013 U | 0.063 U | 0.063 U | 0.005 U | 0.005 U | 0.013 U | 0.13 U | 0.005 U | 0.0025 U | 0.013 U | 0.005 U |
| VAS_w-04 | 11/26/01 | 0.013 U | 0.063 U | 0.025 U | 0.063 U | 0.063 U | 0.013 U | 0.063 U | 0.063 U | 0.005 U | 0.005 U | 0.013 U | 0.13 U | 0.005 U | 0.0025 U | 0.013 U | 0.005 U |
| VAS_w-04 | 11/26/01 | 0.013 U | 0.063 U | 0.025 U | 0.063 U | 0.063 U | 0.013 U | 0.063 U | 0.063 U | 0.005 U | 0.005 U | 0.013 U | 0.13 U | 0.005 U | 0.0025 U | 0.013 U | 0.005 U |
| VAS_w-06 | 12/3/01 | 0.013 U | 0.066 U | 0.026 U | 0.066 U | 0.066 U | 0.013 U | 0.066 U | 0.066 U | 0.0053 U | 0.0053 U | 0.013 U | 0.13 U | 0.0053 U | 0.0026 U | 0.013 U | 0.0053 U |
| VAS_w-07 | 11/27/01 | 0.013 U | 0.063 U | 0.025 U | 0.063 U | 0.063 U | 0.013 U | 0.063 U | 0.063 U | 0.005 U | 0.005 U | 0.013 U | 0.13 U | 0.005 U | 0.0025 U | 0.013 U | 0.005 U |
| VAS_w-07 | 11/27/01 | 0.013 U | 0.063 U | 0.025 U | 0.063 U | 0.063 U | 0.013 U | 0.063 U | 0.063 U | 0.005 U | 0.005 U | 0.013 U | 0.13 U | 0.005 U | 0.0025 U | 0.013 U | 0.005 U |
| VAS_w-08 | 11/27/01 | 0.013 U | 0.063 U | 0.025 U | 0.063 U | 0.063 U | 0.013 U | 0.063 U | 0.063 U | 0.005 U | 0.005 U | 0.013 U | 0.13 U | 0.005 U | 0.0025 U | 0.013 U | 0.005 U |
| VAS_w-09b | 11/28/01 | 0.014 U | 0.068 U | 0.027 U | 0.068 U | 0.068 U | 0.014 U | 0.068 U | 0.068 U | 0.0054 U | 0.0054 U | 0.014 U | 0.14 U | 0.0054 U | 0.0027 U | 0.014 U | 0.0054 U |
| VAS_w-11 | 6/3/02 | 0.024 U | 0.06 U | 0.024 U | 0.06 U | 0.06 U | 0.024 U | 0.06 U | 0.48 U | 0.024 U | 0.0048 U | 0.024 U | 0.48 U | 0.0048 U | 0.0024 U | 0.06 U | 0.0048 U |
| VAS_w-12 | 11/28/01 | 0.012 U | 0.06 U | 0.024 U | 0.06 U | 0.06 U | 0.012 U | 0.06 U | 0.06 U | 0.0048 U | 0.0048 U | 0.012 U | 0.12 U | 0.0048 U | 0.0024 U | 0.012 U | 0.0048 U |
| VAS_w-13 | 12/4/01 | 0.013 U | 0.063 U | 0.025 U | 0.063 U | 0.063 U | 0.013 U | 0.063 U | 0.063 U | 0.005 U | 0.005 U | 0.013 U | 0.13 U | 0.005 U | 0.0025 U | 0.013 U | 0.005 U |
| VAS_w-14 | 11/29/01 | 0.012 U | 0.059 U | 0.024 U | 0.059 U | 0.059 U | 0.012 U | 0.059 U | 0.059 U | 0.0047 U | 0.0047 U | 0.012 U | 0.12 U | 0.0047 U | 0.0024 U | 0.012 U | 0.0047 U |
| VAS_w-14 | 6/3/02 | 0.0064 U | 0.0035 U | 0.0039 U | 0.0069 U | 0.0036 U | -- | 0.0018 U | 0.0017 U | 0.0022 U | 0.0024 U | 0.0059 U | 0.0039 U | 0.0027 U | 0.0026 U | -- | 0.0022 U |
| VAS_w-15 | 11/29/01 | 0.012 U | 0.061 U | 0.024 U | 0.061 U | 0.061 U | 0.012 U | 0.061 U | 0.061 U | 0.0049 U | 0.0049 U | 0.012 U | 0.12 U | 0.0049 U | 0.0024 U | 0.012 U | 0.0049 U |
| VAS_w-16a | 11/29/01 | 0.012 U | 0.059 U | 0.024 U | 0.059 U | 0.059 U | 0.012 U | 0.059 U | 0.059 U | 0.0047 U | 0.0047 U | 0.012 U | 0.12 U | 0.0047 U | 0.0024 U | 0.012 U | 0.0047 U |
| VAS_w-17 | 11/29/01 | 0.013 U | 0.065 U | 0.026 U | 0.065 U | 0.065 U | 0.013 U | 0.065 U | 0.065 U | 0.0052 U | 0.0052 U | 0.013 U | 0.13 U | 0.0052 U | 0.0026 U | 0.013 U | 0.0052 U |
| VAS_w-18 | 12/3/01 | 0.014 U | 0.068 U | 0.027 U | 0.068 U | 0.068 U | 0.014 U | 0.068 U | 0.068 U | 0.0054 U | 0.0054 U | 0.014 U | 0.14 U | 0.0054 U | 0.0027 U | 0.014 U | 0.0054 U |
| VAS_w-19 | 6/3/02 | 0.024 U | 0.061 U | 0.024 U | 0.061 U | 0.061 U | 0.024 U | 0.061 U | 0.49 U | 0.024 U | 0.0049 U | 0.024 U | 0.49 U | 0.0049 U | 0.0024 U | 0.061 U | 0.0049 U |
| VAS_w-20 | 12/3/01 | 0.012 U | 0.06 U | 0.024 U | 0.06 U | 0.06 U | 0.012 U | 0.06 U | 0.06 U | 0.0048 U | 0.0048 U | 0.012 U | 0.12 U | 0.0048 U | 0.0024 U | 0.012 U | 0.0048 U |
| VAS_w-21 | 11/26/01 | 0.013 U | 0.063 U | 0.025 U | 0.063 U | 0.063 U | 0.013 U | 0.063 U | 0.063 U | 0.005 U | 0.005 U | 0.013 U | 0.13 U | 0.005 U | 0.0025 U | 0.013 U | 0.005 U |

Data qualifiers are defined in Table D-1.

-- Sample not analyzed

Appendix D
Vashon-Maury Island
2001-2004 Monitoring Data
Table D-2
Semivolatile Organic Compounds

| Location Desc | Sample Date | AZOBENZENE ug/l | BENZO(A)ANTHRACENE ug/l | BENZO(A)PYRENE ug/l | BENZO(B)FLUORANTHENE ug/l | BENZO(G,H,I)PERYLENE ug/l | BENZO(K)FLUORANTHENE ug/l | BENZOIC ACID ug/l | BENZYL ALCOHOL ug/l | BENZYL BUTYL PHTHALATE ug/l | BIS(2-CHLOROETHOXY)METHANE ug/l | BIS(2-CHLOROETHYL)ETHER ug/l | BIS(2-ETHYLHEXYL)PHTHALATE ug/l | CAFFEINE ug/l | CARBAZOLE ug/l | 1,2-BENZPHENANTHRENE ug/l | Coprostanol ug/l |
|---------------|-------------|--------------------|----------------------------|------------------------|------------------------------|------------------------------|------------------------------|----------------------|------------------------|--------------------------------|------------------------------------|---------------------------------|------------------------------------|------------------|-------------------|------------------------------|---------------------|
| VAS_s-02 | 11/27/01 | 0.005 U | 0.013 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.13 U | 0.013 U | 0.037 J | 0.0025 U | 0.0025 U | 0.405 | 0.025 U | 0.013 U | 0.013 U | 0.25 U |
| VAS_s-03 | 11/27/01 | 0.005 U | 0.013 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.26 J | 0.013 U | 0.025 U | 0.0025 U | 0.0025 U | 0.102 | 0.025 U | 0.013 U | 0.013 U | 0.25 U |
| VAS_w-02a | 11/26/01 | 0.0054 U | 0.014 U | 0.0054 U | 0.0054 U | 0.0054 U | 0.0054 U | 0.14 U | 0.014 U | 0.027 U | 0.0027 U | 0.0027 U | 0.147 | 0.027 U | 0.014 U | 0.014 U | 0.27 U |
| VAS_w-03 | 11/26/01 | 0.005 U | 0.013 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.13 U | 0.013 U | 0.025 U | 0.0025 U | 0.0025 U | 0.303 | 0.025 U | 0.013 U | 0.013 U | 0.25 U |
| VAS_w-04 | 11/26/01 | 0.005 U | 0.013 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.28 J | 0.013 U | 0.025 U | 0.0025 U | 0.0025 U | 0.084 | 0.025 U | 0.013 U | 0.013 U | 0.25 U |
| VAS_w-04 | 11/26/01 | 0.005 U | 0.013 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.25 J | 0.013 U | 0.025 U | 0.0025 U | 0.0025 U | 0.138 | 0.025 U | 0.013 U | 0.013 U | 0.25 U |
| VAS_w-06 | 12/3/01 | 0.0053 U | 0.013 U | 0.0053 U | 0.0053 U | 0.0053 U | 0.0053 U | 0.13 U | 0.013 U | 0.026 U | 0.0026 U | 0.0026 U | 0.0837 | 0.026 U | 0.013 U | 0.013 U | 0.26 U |
| VAS_w-07 | 11/27/01 | 0.005 U | 0.013 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.13 U | 0.013 U | 0.025 U | 0.0025 U | 0.0025 U | 0.0908 | 0.025 U | 0.013 U | 0.013 U | 0.25 U |
| VAS_w-07 | 11/27/01 | 0.005 U | 0.013 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.25 J | 0.013 U | 0.025 U | 0.0025 U | 0.0025 U | 0.108 | 0.025 U | 0.013 U | 0.013 U | 0.25 U |
| VAS_w-08 | 11/27/01 | 0.005 U | 0.013 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.28 J | 0.013 U | 0.044 JB | 0.0025 U | 0.0025 U | 0.0695 | 0.025 U | 0.013 U | 0.013 U | 0.25 U |
| VAS_w-09b | 11/28/01 | 0.0054 U | 0.014 U | 0.0054 U | 0.0054 U | 0.0054 U | 0.0054 U | 0.14 U | 0.014 U | 0.027 U | 0.0027 U | 0.0027 U | 0.6 | 0.027 U | 0.014 U | 0.014 U | 0.27 U |
| VAS_w-11 | 6/3/02 | 0.012 U | 0.012 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.48 U | 0.024 U | 0.169 | 0.012 U | 0.0024 U | 1.21 | 0.024 U | 0.012 U | 0.012 U | 0.24 U |
| VAS_w-12 | 11/28/01 | 0.0048 U | 0.012 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.12 U | 0.012 U | 0.024 U | 0.0024 U | 0.0024 U | 3.85 | 0.024 U | 0.012 U | 0.012 U | 0.24 U |
| VAS_w-13 | 12/4/01 | 0.005 U | 0.013 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.13 U | 0.013 U | 0.025 U | 0.0025 U | 0.0025 U | 0.275 | 0.025 U | 0.013 U | 0.013 U | 0.25 U |
| VAS_w-14 | 11/29/01 | 0.0047 U | 0.012 U | 0.0047 U | 0.0047 U | 0.0047 U | 0.0047 U | 0.12 U | 0.012 U | 0.024 U | 0.0024 U | 0.0024 U | 26.8 | 0.024 U | 0.012 U | 0.012 U | 0.24 U |
| VAS_w-14 | 6/3/02 | -- | 0.0022 U | 0.0027 U | 0.0023 U | 0.0035 U | 0.0045 U | 0.017 U | 0.0037 U | 0.003 U | 0.0039 U | 0.0037 U | 0.0054 | -- | 0.001 U | 0.0017 U | -- |
| VAS_w-15 | 11/29/01 | 0.0049 U | 0.012 U | 0.0049 U | 0.0049 U | 0.0049 U | 0.0049 U | 0.12 U | 0.012 U | 0.024 U | 0.0024 U | 0.0024 U | 0.469 | 0.024 U | 0.012 U | 0.012 U | 0.24 U |
| VAS_w-16a | 11/29/01 | 0.0047 U | 0.012 U | 0.0047 U | 0.0047 U | 0.0047 U | 0.0047 U | 0.12 U | 0.012 U | 0.024 U | 0.0024 U | 0.0024 U | 2.21 | 0.024 U | 0.012 U | 0.012 U | 0.24 U |
| VAS_w-17 | 11/29/01 | 0.0052 U | 0.013 U | 0.0052 U | 0.0052 U | 0.0052 U | 0.0052 U | 0.13 U | 0.013 U | 0.026 U | 0.0026 U | 0.0026 U | 0.0702 | 0.026 U | 0.013 U | 0.013 U | 0.26 U |
| VAS_w-18 | 12/3/01 | 0.0054 U | 0.014 U | 0.0054 U | 0.0054 U | 0.0054 U | 0.0054 U | 0.14 U | 0.014 U | 0.027 U | 0.0027 U | 0.0027 U | 0.152 | 0.027 U | 0.014 U | 0.014 U | 0.27 U |
| VAS_w-19 | 6/3/02 | 0.012 U | 0.012 U | 0.0049 U | 0.0049 U | 0.0049 U | 0.0049 U | 0.49 U | 0.024 U | 0.169 | 0.012 U | 0.0024 U | 0.353 | 0.024 U | 0.012 U | 0.012 U | 0.24 U |
| VAS_w-20 | 12/3/01 | 0.0048 U | 0.012 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.0048 U | 0.12 U | 0.012 U | 0.024 U | 0.0024 U | 0.0024 U | 0.0783 | 0.024 U | 0.012 U | 0.012 U | 0.24 U |
| VAS_w-21 | 11/26/01 | 0.005 U | 0.013 U | 0.005 U | 0.005 U | 0.005 U | 0.005 U | 0.32 J | 0.013 U | 0.025 U | 0.0025 U | 0.0025 U | 0.136 | 0.025 U | 0.013 U | 0.013 U | 0.25 U |

Data qualifiers are defined in Table D-1.
-- Sample not analyzed

Appendix D
Vashon-Maury Island
2001-2004 Monitoring Data
Table D-2
Semivolatile Organic Compounds

| Location Desc | Sample Date | DIBENZO(A,H)ANTHRACENE | | DIBENZOFURAN | | DIETHYL PHTHALATE | | DIMETHYL PHTHALATE | | DI-N-BUTYLPHTHALATE | | DI-N-OCTYL PHTHALATE | | DINITROBUTYL PHENOL | | FLUORANTHENE | | FLUORENE | | HEXACHLORO-1,3-BUTADIENE | | HEXACHLOROBENZENE | | HEXACHLOROCYCLOPENTADIENE | | HEXACHLOROETHANE | | INDENO(1,2,3-C,D)PYRENE | | METHANAMINE, N-METHYL-N-NITROSO | | NAPHTHALENE | |
|---------------|-------------|------------------------|---|--------------|---|-------------------|---|--------------------|---|---------------------|----|----------------------|---|---------------------|---|--------------|---|----------|---|--------------------------|---|-------------------|---|---------------------------|---|------------------|---|-------------------------|---|---------------------------------|---|-------------|---|
| | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | |
| VAS_s-02 | 11/27/01 | 0.025 | U | 0.0025 | U | 0.025 | U | 0.025 | U | 0.063 | U | 0.025 | U | 0.0086 | U | 0.005 | U | 0.0025 | U | 0.005 | U | 0.005 | U | 0.013 | U | 0.013 | U | 0.013 | U | 0.013 | U | 0.0025 | U |
| VAS_s-03 | 11/27/01 | 0.025 | U | 0.0025 | U | 0.025 | U | 0.025 | U | 0.069 | JB | 0.025 | U | 0.0086 | U | 0.005 | U | 0.0025 | U | 0.005 | U | 0.005 | U | 0.013 | U | 0.013 | U | 0.013 | U | 0.013 | U | 0.0025 | U |
| VAS_w-02a | 11/26/01 | 0.027 | U | 0.0027 | U | 0.027 | U | 0.027 | U | 0.091 | JB | 0.027 | U | 0.0088 | U | 0.0054 | U | 0.0027 | U | 0.0054 | U | 0.0054 | U | 0.014 | U | 0.014 | U | 0.014 | U | 0.014 | U | 0.0027 | U |
| VAS_w-03 | 11/26/01 | 0.025 | U | 0.0025 | U | 0.027 | J | 0.025 | U | 0.063 | U | 0.025 | U | 0.0086 | U | 0.005 | U | 0.0025 | U | 0.005 | U | 0.005 | U | 0.013 | U | 0.013 | U | 0.013 | U | 0.013 | U | 0.0025 | U |
| VAS_w-04 | 11/26/01 | 0.025 | U | 0.0025 | U | 0.106 | | 0.025 | U | 0.096 | JB | 0.025 | U | 0.0086 | U | 0.005 | U | 0.0025 | U | 0.005 | U | 0.005 | U | 0.013 | U | 0.013 | U | 0.013 | U | 0.013 | U | 0.0025 | U |
| VAS_w-04 | 11/26/01 | 0.025 | U | 0.0025 | U | 0.025 | U | 0.025 | U | 0.063 | U | 0.025 | U | 0.0086 | U | 0.005 | U | 0.0025 | U | 0.005 | U | 0.005 | U | 0.013 | U | 0.013 | U | 0.013 | U | 0.013 | U | 0.0025 | U |
| VAS_w-06 | 12/3/01 | 0.026 | U | 0.0026 | U | 0.026 | U | 0.026 | U | 0.066 | U | 0.026 | U | 0.0086 | U | 0.0053 | U | 0.0026 | U | 0.0053 | U | 0.0053 | U | 0.013 | U | 0.013 | U | 0.013 | U | 0.013 | U | 0.0026 | U |
| VAS_w-07 | 11/27/01 | 0.025 | U | 0.0025 | U | 0.032 | J | 0.025 | U | 0.063 | U | 0.025 | U | 0.0086 | U | 0.005 | U | 0.0025 | U | 0.005 | U | 0.005 | U | 0.013 | U | 0.013 | U | 0.013 | U | 0.013 | U | 0.0025 | U |
| VAS_w-07 | 11/27/01 | 0.025 | U | 0.0025 | U | 0.042 | J | 0.025 | U | 0.079 | JB | 0.025 | U | 0.0086 | U | 0.005 | U | 0.0025 | U | 0.005 | U | 0.005 | U | 0.013 | U | 0.013 | U | 0.013 | U | 0.013 | U | 0.0025 | U |
| VAS_w-08 | 11/27/01 | 0.025 | U | 0.0025 | U | 0.0598 | | 0.025 | U | 0.089 | JB | 0.025 | U | 0.0089 | U | 0.005 | U | 0.0025 | U | 0.005 | U | 0.005 | U | 0.013 | U | 0.013 | U | 0.013 | U | 0.013 | U | 0.0025 | U |
| VAS_w-09b | 11/28/01 | 0.027 | U | 0.0027 | U | 0.027 | U | 0.027 | U | 0.068 | U | 0.027 | U | 0.0086 | U | 0.0054 | U | 0.0027 | U | 0.0054 | U | 0.0054 | U | 0.014 | U | 0.014 | U | 0.014 | U | 0.014 | U | 0.0027 | U |
| VAS_w-11 | 6/3/02 | 0.024 | U | 0.0024 | U | 0.024 | U | 0.024 | U | 0.134 | | 0.024 | U | 0.017 | U | 0.0048 | U | 0.0024 | U | 0.0048 | U | 0.0048 | U | 0.06 | U | 0.012 | U | 0.012 | U | 0.012 | U | 0.0024 | U |
| VAS_w-12 | 11/28/01 | 0.024 | U | 0.0024 | U | 0.024 | U | 0.024 | U | 0.06 | U | 0.024 | U | 0.0086 | U | 0.0048 | U | 0.0024 | U | 0.0048 | U | 0.0048 | U | 0.012 | U | 0.012 | U | 0.012 | U | 0.012 | U | 0.0024 | U |
| VAS_w-13 | 12/4/01 | 0.025 | U | 0.0025 | U | 0.025 | U | 0.025 | U | 0.085 | J | 0.025 | U | 0.0093 | U | 0.005 | U | 0.0025 | U | 0.005 | U | 0.005 | U | 0.013 | U | 0.013 | U | 0.013 | U | 0.013 | U | 0.0025 | U |
| VAS_w-14 | 11/29/01 | 0.024 | U | 0.0024 | U | 0.024 | U | 0.024 | U | 0.059 | U | 0.024 | U | 0.0086 | U | 0.0047 | U | 0.0024 | U | 0.0047 | U | 0.0047 | U | 0.012 | U | 0.012 | U | 0.012 | U | 0.012 | U | 0.0024 | U |
| VAS_w-14 | 6/3/02 | 0.0037 | U | 0.0017 | U | 0.0023 | U | 0.0019 | U | 0.0017 | U | 0.0054 | U | -- | | 0.0014 | U | 0.0019 | U | 0.0037 | U | 0.0027 | U | 0.0074 | U | 0.004 | U | 0.0031 | U | 0.0049 | U | 0.0028 | U |
| VAS_w-15 | 11/29/01 | 0.024 | U | 0.0024 | U | 0.024 | U | 0.024 | U | 0.061 | U | 0.024 | U | 0.0086 | U | 0.0049 | U | 0.0024 | U | 0.0049 | U | 0.0049 | U | 0.012 | U | 0.012 | U | 0.012 | U | 0.012 | U | 0.0024 | U |
| VAS_w-16a | 11/29/01 | 0.024 | U | 0.0024 | U | 0.024 | U | 0.024 | U | 0.059 | U | 0.024 | U | 0.0086 | U | 0.0047 | U | 0.0024 | U | 0.0047 | U | 0.0047 | U | 0.012 | U | 0.012 | U | 0.012 | U | 0.012 | U | 0.0024 | U |
| VAS_w-17 | 11/29/01 | 0.026 | U | 0.0026 | U | 0.026 | U | 0.026 | U | 0.1 | J | 0.026 | U | 0.0086 | U | 0.0052 | U | 0.0026 | U | 0.0052 | U | 0.0052 | U | 0.013 | U | 0.013 | U | 0.013 | U | 0.013 | U | 0.0026 | U |
| VAS_w-18 | 12/3/01 | 0.027 | U | 0.0027 | U | 0.027 | U | 0.027 | U | 0.068 | U | 0.027 | U | 0.0088 | U | 0.0054 | U | 0.0027 | U | 0.0054 | U | 0.0054 | U | 0.014 | U | 0.014 | U | 0.014 | U | 0.014 | U | 0.0027 | U |
| VAS_w-19 | 6/3/02 | 0.024 | U | 0.0024 | U | 0.024 | U | 0.024 | U | 0.125 | | 0.024 | U | 0.018 | U | 0.0049 | U | 0.0024 | U | 0.0049 | U | 0.0049 | U | 0.061 | U | 0.012 | U | 0.012 | U | 0.012 | U | 0.0024 | U |
| VAS_w-20 | 12/3/01 | 0.024 | U | 0.0024 | U | 0.024 | U | 0.024 | U | 0.06 | U | 0.024 | U | 0.0086 | U | 0.0048 | U | 0.0024 | U | 0.0048 | U | 0.0048 | U | 0.012 | U | 0.012 | U | 0.012 | U | 0.012 | U | 0.0024 | U |
| VAS_w-21 | 11/26/01 | 0.025 | U | 0.0025 | U | 0.049 | J | 0.025 | U | 11.4 | | 0.025 | U | 0.0086 | U | 0.005 | U | 0.0025 | U | 0.005 | U | 0.005 | U | 0.013 | U | 0.013 | U | 0.013 | U | 0.013 | U | 0.0025 | U |

Data qualifiers are defined in Table D-1.

-- Sample not analyzed

Appendix D
Vashon-Maury Island
2001-2004 Monitoring Data
Table D-2
Semivolatile Organic Compounds

| Location Desc | Sample Date | NITROBENZENE ug/l | N-NITROSODIPHENYLAMINE ug/l | N-NITROSODIPROPYLAMINE ug/l | P-CHLOROANILINE ug/l | P-CHLORO-M-CRESOL ug/l | PENTACHLOROPHENOL ug/l | PHENANTHRENE ug/l | PHENOL ug/l | P-NITROANILINE ug/l | PYRENE ug/l | PYRIDINE ug/l | SIMAZINE ug/l |
|---------------|-------------|----------------------|--------------------------------|--------------------------------|-------------------------|---------------------------|---------------------------|----------------------|----------------|------------------------|----------------|------------------|------------------|
| VAS_s-02 | 11/27/01 | 0.005 U | 0.013 U | 0.013 U | 0.013 U | 0.025 U | 0.063 U | 0.005 U | 0.118 | 0.13 U | 0.005 U | 0.063 U | 0.013 U |
| VAS_s-03 | 11/27/01 | 0.005 U | 0.013 U | 0.013 U | 0.013 U | 0.025 U | 0.063 U | 0.005 U | 0.0025 U | 0.13 U | 0.005 U | 0.063 U | 0.013 U |
| VAS_w-02a | 11/26/01 | 0.0054 U | 0.014 U | 0.014 U | 0.014 U | 0.027 U | 0.068 U | 0.0054 U | 0.0027 U | 0.14 U | 0.0054 U | 0.068 U | 0.014 U |
| VAS_w-03 | 11/26/01 | 0.005 U | 0.013 U | 0.013 U | 0.013 U | 0.025 U | 0.063 U | 0.005 U | 0.0025 U | 0.13 U | 0.005 U | 0.063 U | 0.013 U |
| VAS_w-04 | 11/26/01 | 0.005 U | 0.013 U | 0.013 U | 0.013 U | 0.025 U | 0.063 U | 0.005 U | 0.0025 U | 0.13 U | 0.005 U | 0.063 U | 0.013 U |
| VAS_w-04 | 11/26/01 | 0.005 U | 0.013 U | 0.013 U | 0.013 U | 0.025 U | 0.063 U | 0.005 U | 0.0025 U | 0.13 U | 0.005 U | 0.063 U | 0.013 U |
| VAS_w-06 | 12/3/01 | 0.0053 U | 0.013 U | 0.013 U | 0.013 U | 0.026 U | 0.066 U | 0.0053 U | 0.0247 | 0.13 U | 0.0053 U | 0.066 U | 0.013 U |
| VAS_w-07 | 11/27/01 | 0.005 U | 0.013 U | 0.013 U | 0.013 U | 0.025 U | 0.063 U | 0.005 U | 0.0025 U | 0.13 U | 0.005 U | 0.063 U | 0.013 U |
| VAS_w-07 | 11/27/01 | 0.005 U | 0.013 U | 0.013 U | 0.013 U | 0.025 U | 0.063 U | 0.005 U | 0.0025 U | 0.13 U | 0.005 U | 0.063 U | 0.013 U |
| VAS_w-08 | 11/27/01 | 0.005 U | 0.013 U | 0.013 U | 0.013 U | 0.025 U | 0.063 U | 0.005 U | 0.0025 U | 0.13 U | 0.005 U | 0.063 U | 0.013 U |
| VAS_w-09b | 11/28/01 | 0.0054 U | 0.014 U | 0.014 U | 0.014 U | 0.027 U | 0.068 U | 0.0054 U | 0.0027 U | 0.14 U | 0.0054 U | 0.068 U | 0.014 U |
| VAS_w-11 | 6/3/02 | 0.0048 U | 0.012 U | 0.012 U | 0.024 U | 0.024 U | 0.48 U | 0.0048 U | 0.012 U | 0.12 U | 0.0048 U | 0.06 U | 0.012 U |
| VAS_w-12 | 11/28/01 | 0.0048 U | 0.012 U | 0.012 U | 0.012 U | 0.024 U | 0.06 U | 0.0048 U | 0.0738 | 0.12 U | 0.0048 U | 0.06 U | 0.012 U |
| VAS_w-13 | 12/4/01 | 0.005 U | 0.013 U | 0.013 U | 0.013 U | 0.025 U | 0.063 U | 0.0065 J | 0.0025 U | 0.13 U | 0.005 U | 0.063 U | 0.013 U |
| VAS_w-14 | 11/29/01 | 0.0047 U | 0.012 U | 0.012 U | 0.012 U | 0.024 U | 0.059 U | 0.0047 U | 0.0288 | 0.12 U | 0.0047 U | 0.059 U | 0.012 U |
| VAS_w-14 | 6/3/02 | 0.0033 U | 0.0046 U | 0.0042 U | 0.0025 U | 0.0027 U | 0.0018 U | 0.0017 U | 0.0033 U | 0.0049 U | 0.0031 U | -- | -- |
| VAS_w-15 | 11/29/01 | 0.0049 U | 0.012 U | 0.012 U | 0.012 U | 0.024 U | 0.061 U | 0.0049 U | 0.0379 | 0.12 U | 0.0049 U | 0.061 U | 0.012 U |
| VAS_w-16a | 11/29/01 | 0.0047 U | 0.012 U | 0.012 U | 0.012 U | 0.024 U | 0.059 U | 0.0047 U | 0.0024 U | 0.12 U | 0.0047 U | 0.059 U | 0.012 U |
| VAS_w-17 | 11/29/01 | 0.0052 U | 0.013 U | 0.013 U | 0.013 U | 0.026 U | 0.065 U | 0.0052 U | 0.0225 | 0.13 U | 0.0052 U | 0.065 U | 0.013 U |
| VAS_w-18 | 12/3/01 | 0.0054 U | 0.014 U | 0.014 U | 0.014 U | 0.027 U | 0.068 U | 0.0054 U | 0.0182 | 0.14 U | 0.0054 U | 0.068 U | 0.014 U |
| VAS_w-19 | 6/3/02 | 0.0049 U | 0.012 U | 0.012 U | 0.024 U | 0.024 U | 0.49 U | 0.0049 U | 0.012 U | 0.12 U | 0.0049 U | 0.061 U | 0.012 U |
| VAS_w-20 | 12/3/01 | 0.0048 U | 0.012 U | 0.012 U | 0.012 U | 0.024 U | 0.06 U | 0.0048 U | 0.0222 | 0.12 U | 0.0048 U | 0.06 U | 0.012 U |
| VAS_w-21 | 11/26/01 | 0.005 U | 0.013 U | 0.013 U | 0.013 U | 0.025 U | 0.063 U | 0.005 U | 0.0025 U | 0.13 U | 0.005 U | 0.063 U | 0.013 U |

Data qualifiers are defined in Table D-1.

-- Sample not analyzed

Appendix D
Vashon-Maury Island
2001-2004 Monitoring Data
Table D-3
Chlorinated Herbicides

| Location Desc | Sample Date | 2,2-DICHLOROPROPIONIC ACID | | 2,4-D | | 2,4-DB | | 2,4,5-T | | 2,4,5-TP SILVEX | | ATRAZINE | | BASUDIN, NEOCIDOL | | DICAMBA | | DICHLORPROP | | MCPA | | MCPP | | SIMAZINE | |
|---------------|-------------|----------------------------|---|--------|---|--------|---|---------|---|-----------------|---|----------|---|-------------------|---|---------|---|-------------|---|--------|---|--------|---|----------|---|
| | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | |
| VAS_w-02a | 11/26/01 | 0.0037 | U | 0.0089 | U | 0.017 | U | 0.017 | U | 0.0068 | U | 0.0054 | U | 0.0054 | U | 0.0066 | U | 0.0034 | U | 0.0034 | U | 0.004 | U | 0.014 | U |
| VAS_w-03 | 11/26/01 | 0.0037 | U | 0.0087 | U | 0.017 | U | 0.017 | U | 0.0067 | U | 0.005 | U | 0.005 | U | 0.0065 | U | 0.0033 | U | 0.0033 | U | 0.004 | U | 0.013 | U |
| VAS_w-04 | 11/26/01 | 0.0037 | U | 0.0087 | U | 0.017 | U | 0.017 | U | 0.0067 | U | 0.005 | U | 0.005 | U | 0.0065 | U | 0.0033 | U | 0.0033 | U | 0.004 | U | 0.013 | U |
| VAS_w-04 | 11/26/01 | 0.0037 | U | 0.0087 | U | 0.017 | U | 0.017 | U | 0.0067 | U | 0.005 | U | 0.005 | U | 0.0065 | U | 0.0033 | U | 0.0033 | U | 0.004 | U | 0.013 | U |
| VAS_w-06 | 12/3/01 | 0.0037 | U | 0.0087 | U | 0.017 | U | 0.017 | U | 0.0067 | U | 0.0053 | U | 0.0053 | U | 0.0065 | U | 0.0034 | U | 0.0034 | U | 0.004 | U | 0.013 | U |
| VAS_w-07 | 11/27/01 | 0.0037 | U | 0.0087 | U | 0.017 | U | 0.017 | U | 0.0067 | U | 0.005 | U | 0.005 | U | 0.0065 | U | 0.0034 | U | 0.0034 | U | 0.004 | U | 0.013 | U |
| VAS_w-07 | 11/27/01 | 0.0037 | U | 0.0088 | U | 0.017 | U | 0.017 | U | 0.0067 | U | 0.005 | U | 0.005 | U | 0.0065 | U | 0.0034 | U | 0.0034 | U | 0.004 | U | 0.013 | U |
| VAS_w-08 | 11/27/01 | 0.0038 | U | 0.0091 | U | 0.018 | U | 0.017 | U | 0.0069 | U | 0.005 | U | 0.005 | U | 0.0068 | U | 0.0035 | U | 0.0035 | U | 0.0041 | U | 0.013 | U |
| VAS_w-09b | 11/28/01 | 0.0037 | U | 0.0087 | U | 0.017 | U | 0.017 | U | 0.0067 | U | 0.0054 | U | 0.0054 | U | 0.0065 | U | 0.0034 | U | 0.0034 | U | 0.004 | U | 0.014 | U |
| VAS_w-11 | 6/3/02 | 0.0073 | U | 0.017 | U | 0.034 | U | 0.033 | U | 0.013 | U | 0.12 | U | 0.12 | U | 0.013 | U | 0.0067 | U | 0.0067 | U | 0.0079 | U | 0.012 | U |
| VAS_w-12 | 11/28/01 | 0.0037 | U | 0.0087 | U | 0.017 | U | 0.017 | U | 0.0067 | U | 0.0048 | U | 0.0048 | U | 0.0065 | U | 0.0034 | U | 0.0034 | U | 0.004 | U | 0.012 | U |
| VAS_w-13 | 12/4/01 | 0.004 | U | 0.0095 | U | 0.018 | U | 0.018 | U | 0.0073 | U | 0.005 | U | 0.005 | U | 0.0071 | U | 0.0036 | U | 0.0036 | U | 0.0043 | U | 0.013 | U |
| VAS_w-14 | 11/29/01 | 0.0037 | U | 0.0087 | U | 0.017 | U | 0.017 | U | 0.0067 | U | 0.0047 | U | 0.0047 | U | 0.0065 | U | 0.0034 | U | 0.0034 | U | 0.004 | U | 0.012 | U |
| VAS_w-15 | 11/29/01 | 0.0037 | U | 0.0087 | U | 0.017 | U | 0.017 | U | 0.0067 | U | 0.0049 | U | 0.0049 | U | 0.0065 | U | 0.0034 | U | 0.0034 | U | 0.004 | U | 0.012 | U |
| VAS_w-16a | 11/29/01 | 0.0037 | U | 0.0087 | U | 0.017 | U | 0.017 | U | 0.0067 | U | 0.0047 | U | 0.0047 | U | 0.0065 | U | 0.0034 | U | 0.0034 | U | 0.004 | U | 0.012 | U |
| VAS_w-17 | 11/29/01 | 0.0037 | U | 0.0087 | U | 0.017 | U | 0.017 | U | 0.0067 | U | 0.0052 | U | 0.0052 | U | 0.0065 | U | 0.0033 | U | 0.0033 | U | 0.004 | U | 0.013 | U |
| VAS_w-18 | 12/3/01 | 0.0038 | U | 0.009 | U | 0.018 | U | 0.017 | U | 0.0069 | U | 0.0054 | U | 0.0054 | U | 0.0067 | U | 0.0034 | U | 0.0034 | U | 0.0041 | U | 0.014 | U |
| VAS_w-19 | 6/3/02 | 0.0075 | U | 0.018 | U | 0.035 | U | 0.034 | U | 0.014 | U | 0.12 | U | 0.12 | U | 0.013 | U | 0.0069 | U | 0.0069 | U | 0.0081 | U | 0.012 | U |
| VAS_w-20 | 12/3/01 | 0.0037 | U | 0.0087 | U | 0.017 | U | 0.017 | U | 0.0067 | U | 0.0048 | U | 0.0048 | U | 0.0065 | U | 0.0034 | U | 0.0034 | U | 0.004 | U | 0.012 | U |
| VAS_w-21 | 11/26/01 | 0.0037 | U | 0.0087 | U | 0.017 | U | 0.017 | U | 0.0067 | U | 0.005 | U | 0.005 | U | 0.0065 | U | 0.0034 | U | 0.0034 | U | 0.004 | U | 0.013 | U |
| VAS_s-02 | 11/27/01 | 0.0037 | U | 0.0087 | U | 0.017 | U | 0.017 | U | 0.0067 | U | 0.005 | U | 0.005 | U | 0.0065 | U | 0.0033 | U | 0.0033 | U | 0.004 | U | 0.013 | U |
| VAS_s-03 | 11/27/01 | 0.0037 | U | 0.0087 | U | 0.017 | U | 0.017 | U | 0.0067 | U | 0.005 | U | 0.005 | U | 0.0065 | U | 0.0033 | U | 0.0033 | U | 0.0039 | U | 0.013 | U |

Data qualifiers are defined in Table D-1.

Appendix D
Vashon-Maury Island
2001-2004 Monitoring Data
Table D-4
Metals

| Well ID | Sample Date | ANTIMONY mg/l | ARSENIC mg/l | BARIUM mg/l | BERYLLIUM mg/l | CADMIUM mg/l | CALCIUM mg/l | CHROMIUM mg/l | COBALT mg/l | COPPER mg/l | IRON mg/l | LEAD mg/l | MAGNESIUM mg/l | MANGANESE mg/l | MERCURY mg/l |
|-----------|-------------|---------------|---------------|-------------|----------------|--------------|--------------|---------------|-------------|-------------|--------------|-----------|----------------|----------------|--------------|
| VAS_s-02 | 11/30/1989 | -- | 0.001 | 0.008 | -- | 0.002 U | 16 | 0.008 | -- | 0.002 U | 0.22 | 0.001 U | 13 | 0.023 | 0.0002 U |
| VAS_s-02 | 4/16/1990 | -- | 0.001 U | 0.008 | -- | 0.002 U | 16 | 0.006 U | -- | 0.002 U | 0.01 U | 0.002 | 14 | 0.002 U | 0.0009 |
| VAS_s-02 | 10/22/1990 | -- | 0.001 | 0.008 | -- | 0.002 U | 14 | 0.006 U | -- | 0.002 U | 0.06 | 0.001 | 10 | 0.002 U | 0.0005 |
| VAS_s-02 | 10/22/1990 | -- | 0.001 | 0.007 | -- | 0.002 U | 15 | 0.006 U | -- | 0.002 U | 0.04 | 0.002 | 13 | 0.002 U | 0.001 |
| VAS_s-02 | 1/23/2001 | 0.0005 U | 0.0011 J | 0.00799 | 0.0002 U | 0.0001 U | 19.2 | 0.0016 J | 0.0002 U | 0.0004 U | 0.05 U | 0.0002 U | 16.6 | 0.00024 J | 0.0002 U |
| VAS_s-02 | 11/27/2001 | 0.0005 U | 0.00093 J | 0.00832 | 0.0002 U | 0.0001 U | 17.8 | 0.0015 J | 0.0002 U | 0.0004 U | 0.05 U | 0.0002 U | 15.2 | 0.00092 J | 0.0002 U |
| VAS_s-02 | 6/6/2002 | 0.0005 U | 0.00074 J | 0.0073 | 0.0002 U | 0.0001 U | 18.8 | 0.0015 J | 0.0002 U | 0.0004 U | 0.05 U | 0.0002 U | 15.7 | 0.00128 | 0.0002 U |
| VAS_s-02 | 10/1/2002 | 0.0005 U | 0.00084 J | 0.00832 | 0.0002 U | 0.0001 U | 18.1 | 0.00202 | 0.0002 U | 0.00053 J | 0.05 U | 0.0002 U | 15.5 | 0.00071 J | 0.0002 U |
| VAS_s-02 | 6/4/2003 | 0.0005 U | 0.00086 J | 0.00722 | 0.0002 U | 0.0001 U | 17.5 | 0.0018 J | 0.0002 U | 0.0004 U | 0.05 U | 0.0002 U | 14.5 | 0.0013 | 0.0002 U |
| VAS_s-03 | 11/30/1989 | -- | 0.003 | 0.009 | -- | 0.002 U | 11 | 0.009 | -- | 0.004 | 0.15 | 0.002 | 13 | 0.022 | 0.0002 U |
| VAS_s-03 | 4/18/1990 | -- | 0.002 | 0.007 | -- | 0.002 U | 10 | 0.006 U | -- | 0.002 U | 0.01 U | 0.001 U | 13 | 0.002 U | 0.0002 U |
| VAS_s-03 | 4/18/1990 | -- | 0.002 | 0.007 | -- | 0.002 U | 10 | 0.006 U | -- | 0.002 U | 0.01 U | 0.001 U | 13 | 0.002 U | 0.0002 U |
| VAS_s-03 | 10/24/1990 | -- | 0.014 | 0.017 | -- | 0.002 U | 22 | 0.006 U | -- | 0.002 U | 0.16 | 0.001 | 9.2 | 0.082 | 0.0002 U |
| VAS_s-03 | 1/17/2001 | 0.0005 U | 0.0019 J | 0.00657 | 0.0002 U | 0.0001 U | 11.8 | 0.00499 | 0.0002 U | 0.00507 | 0.05 U | 0.0002 U | 15.4 | 0.00105 | 0.0002 U |
| VAS_s-03 | 11/27/2001 | 0.0005 U | 0.0018 J | 0.00676 | 0.0002 U | 0.0001 U | 11.1 | 0.00413 | 0.0002 U | 0.00701 | 0.05 U | 0.0002 U | 14.1 | 0.0004 J | 0.0002 U |
| VAS_s-03 | 6/6/2002 | 0.0005 U | 0.0016 J | 0.00609 | 0.0002 U | 0.0001 U | 11.7 | 0.00401 | 0.0002 U | 0.00786 | 0.05 U | 0.0002 U | 14.4 | 0.00037 J | 0.0002 U |
| VAS_s-03 | 10/1/2002 | 0.0005 U | 0.0018 J | 0.00656 | 0.0002 U | 0.0001 U | 11 | 0.00478 | 0.0002 U | 0.00755 | 0.05 U | 0.0002 U | 14.1 | 0.00077 J | 0.0002 U |
| VAS_s-03 | 6/4/2003 | 0.0005 U | 0.002 J | 0.0061 | 0.0002 U | 0.0001 U | 10.8 | 0.00449 | 0.0002 U | 0.00907 | 0.05 U | 0.0002 U | 13.6 | 0.00038 J | 0.0002 U |
| VAS_s-03 | 11/13/2003 | 0.0005 U | 0.0019 J | 0.00566 | 0.0002 U | 0.0001 U | 10.7 | 0.0044 | 0.0002 U | 0.00574 | 0.05 U | 0.0002 U | 13.2 | 0.00069 J | 0.0002 U |
| VAS_s-03 | 6/2/2004 | 0.0005 U | 0.002 J | 0.00646 | 0.0002 U | 0.0001 U | 10.5 | 0.00476 | 0.0002 U | 0.00916 | 0.05 U | 0.0002 U | 13.2 | 0.00066 J | 0.0002 U |
| VAS_w-02a | 1/16/2001 | 0.0005 U | 0.0071 | 0.00398 | 0.0002 U | 0.0001 U | 19.5 | 0.00073 J | 0.0002 U | 0.001 J | 0.05 U | 0.0002 U | 11.6 | 0.00496 | 0.0002 U |
| VAS_w-02a | 11/26/2001 | 0.0005 U | 0.00766 | 0.00411 | 0.0002 U | 0.0001 U | 17.8 | 0.00056 J | 0.0002 U | 0.00071 J | 0.525 | 0.00067 J | 11.3 | 0.00939 | 0.0002 U |
| VAS_w-02a | 6/5/2002 | 0.0005 U | 0.00706 | 0.00367 | 0.0002 U | 0.0001 U | 19.3 | 0.0004 U | 0.0002 U | 0.0004 U | 0.061 J | 0.0002 U | 12.3 | 0.00682 | 0.0002 U |
| VAS_w-02a | 6/5/2002 | 0.0005 U | 0.00742 | 0.00368 | 0.0002 U | 0.0001 U | 19.7 | 0.0004 U | 0.0002 U | 0.0004 U | 0.06 J | 0.0002 U | 12.1 | 0.00716 | 0.0002 U |
| VAS_w-02a | 9/30/2002 | 0.0005 U | 0.00853 | 0.00404 | 0.0002 U | 0.0001 U | 19 | 0.00058 J | 0.0002 U | 0.00081 J | 0.07 J | 0.0002 U | 12 | 0.00634 | 0.0002 U |
| VAS_w-02a | 6/3/2003 | 0.0005 U | 0.0082 | 0.00344 | 0.0002 U | 0.0001 U | 17.1 | 0.0012 J | 0.0002 U | 0.0004 U | 0.05 U | 0.0002 U | 10.7 | 0.00421 | 0.0002 U |
| VAS_w-02a | 11/12/2003 | 0.0005 U | 0.00707 | 0.00356 | 0.0002 U | 0.0001 U | 18.3 | 0.0011 J | 0.0002 U | 0.0004 U | 0.05 U | 0.0002 U | 11.2 | 0.00394 | 0.0002 U |
| VAS_w-02a | 6/1/2004 | 0.0005 U | 0.00755 | 0.00424 | 0.0002 U | 0.0001 U | 18.2 | 0.0018 J | 0.0002 U | 0.0004 U | 0.05 U | 0.0002 U | 11.2 | 0.00344 | 0.0002 U |
| VAS_w-03 | 11/30/1989 | -- | 0.001 | 0.019 | -- | 0.002 U | 21 | 0.009 | -- | 0.032 | 0.08 | 0.012 | 21 | 0.005 | 0.0002 U |
| VAS_w-03 | 4/18/1990 | -- | 0.001 | 0.013 | -- | 0.002 U | 19 | 0.006 U | -- | 0.002 U | 0.01 U | 0.003 | 18 | 0.002 U | 0.0002 U |
| VAS_w-03 | 10/24/1990 | -- | 0.01 | 0.01 | -- | 0.002 U | 16 | 0.006 U | -- | 0.002 U | 1 | 0.002 | 11 | 0.157 | 0.0002 U |
| VAS_w-03 | 1/22/2001 | 0.0005 U | 0.0013 J | 0.0137 | 0.0002 U | 0.0001 U | 22.7 | 0.00078 J | 0.0002 U | 0.00074 J | 0.05 U | 0.0002 U | 22.2 | 0.00028 J | 0.0002 U |
| VAS_w-03 | 11/26/2001 | 0.0005 U | 0.0011 J | 0.0132 | 0.0002 U | 0.0001 U | 21.2 | 0.00072 J | 0.0002 U | 0.00231 | 0.05 U | 0.0002 U | 20.5 | 0.00029 J | 0.0002 U |
| VAS_w-03 | 6/5/2002 | 0.0005 U | 0.001 J | 0.0126 | 0.0002 U | 0.0001 U | 22.4 | 0.00071 J | 0.0002 U | 0.0038 | 0.05 U | 0.0002 U | 21.2 | 0.00034 J | 0.0002 U |
| VAS_w-03 | 9/30/2002 | 0.0005 U | 0.0011 J | 0.0133 | 0.0002 U | 0.0001 U | 21.8 | 0.0008 J | 0.0002 U | 0.00059 J | 0.05 U | 0.0002 U | 21.3 | 0.00022 J | 0.0002 U |
| VAS_w-03 | 6/3/2003 | 0.0005 U | 0.0011 J | 0.0132 | 0.0002 U | 0.0001 U | 21.6 | 0.0008 J | 0.0002 U | 0.00076 J | 0.05 U | 0.0002 U | 20.7 | 0.00029 J | 0.0002 U |
| VAS_w-03 | 11/12/2003 | 0.0005 U | 0.0011 J | 0.0123 | 0.0002 U | 0.0001 U | 21.4 | 0.00074 J | 0.0002 U | 0.00057 J | 0.05 U | 0.0002 U | 19.8 | 0.00066 J | 0.0002 U |
| VAS_w-03 | 5/24/2004 | 0.0005 U | 0.0011 J | 0.0139 | 0.0002 U | 0.00031 J | 22.4 | 0.00092 J | 0.0002 U | 0.0011 J | 0.05 U | 0.0002 U | 21.2 | 0.00037 J | 0.0002 U |
| VAS_w-04 | 1/16/2001 | 0.0005 U | 0.0184 | 0.0248 | -- | 0.0001 U | 20.6 | 0.0004 U | 0.0002 U | 0.0012 J | 0.089 J | 0.0002 U | 7.58 | 0.0498 | 0.0002 U |
| VAS_w-04 | 1/16/2001 | 0.0005 U | 0.0185 | 0.0236 | 0.0002 U | 0.0001 U | 20.4 | 0.0004 U | 0.0002 U | 0.00825 | 0.064 J | 0.00048 J | 7.49 | 0.0504 | 0.0002 U |
| VAS_w-04 | 11/26/2001 | 0.0005 U | 0.0186 | 0.0236 | 0.0002 U | 0.0001 U | 21.1 | 0.0004 U | 0.0002 U | 0.0029 | 0.076 J | 0.00038 J | 7.61 | 0.0492 | 0.0002 U |
| VAS_w-04 | 11/26/2001 | 0.0005 U | 0.0188 | 0.0241 | 0.0002 U | 0.0001 U | 20.4 | 0.0004 U | 0.0002 U | 0.00442 | 0.077 J | 0.00038 J | 7.38 | 0.0514 | 0.0002 U |
| VAS_w-04 | 6/5/2002 | 0.0005 U | 0.0178 | 0.0227 | 0.0002 U | 0.0001 U | 21.3 | 0.0004 U | 0.0002 U | 0.00574 | 0.079 J | 0.00079 J | 7.54 | 0.0507 | 0.0002 U |
| VAS_w-04 | 9/30/2002 | 0.0005 U | 0.0186 | 0.0245 | 0.0002 U | 0.0001 U | 20.8 | 0.0004 U | 0.0002 U | 0.00057 J | 0.076 J | 0.0002 U | 7.54 | 0.0498 | 0.0002 U |
| VAS_w-04 | 6/3/2003 | 0.0005 U | 0.0188 | 0.0221 | 0.0002 U | 0.0001 U | 20.3 | 0.0004 U | 0.0002 U | 0.001 J | 0.062 J | 0.00055 J | 7.33 | 0.0493 | 0.0002 U |
| VAS_w-04 | 11/12/2003 | 0.0005 U | 0.0193 | 0.0223 | 0.0002 U | 0.0001 U | 21.1 | 0.0004 U | 0.0002 U | 0.00604 | 0.13 J | 0.00056 J | 7.45 | 0.0511 | 0.0002 U |
| VAS_w-04 | 5/24/2004 | 0.0005 U | 0.0184 | 0.0254 | 0.0002 U | 0.0001 U | 21.9 | 0.0004 U | 0.0002 U | 0.00548 | 0.087 J | 0.00033 J | 7.84 | 0.0543 | 0.0002 U |
| VAS_w-06 | 1/24/2001 | 0.0005 U | 0.0016 J | 0.00228 | 0.0002 U | 0.0001 U | 10.8 | 0.0014 J | 0.0002 U | 0.0135 | 0.25 | 0.013 | 8.46 | 0.00158 | 0.0002 U |

Data qualifiers are defined in Table D-1.
-- Sample not analyzed
Results in bold typeface exceed the MCL.

Appendix D
Vashon-Maury Island
2001-2004 Monitoring Data
Table D-4
Metals

| Well ID | Sample Date | ANTIMONY mg/l | ARSENIC mg/l | BARIUM mg/l | BERYLLIUM mg/l | CADMIUM mg/l | CALCIUM mg/l | CHROMIUM mg/l | COBALT mg/l | COPPER mg/l | IRON mg/l | LEAD mg/l | MAGNESIUM mg/l | MANGANESE mg/l | MERCURY mg/l |
|-----------|-------------|---------------|---------------|-------------|----------------|--------------|--------------|---------------|-------------|-------------|--------------|-----------|----------------|----------------|--------------|
| VAS_w-06 | 12/3/2001 | 0.0005 U | 0.001 J | 0.0024 | 0.0002 U | 0.0001 U | 9.45 | 0.0012 J | 0.0002 U | 0.0013 J | 0.094 J | 0.00036 J | 7.24 | 0.0017 | 0.0002 U |
| VAS_w-06 | 6/11/2002 | 0.0005 U | 0.00095 J | 0.00199 | 0.0002 U | 0.0001 U | 9.95 | 0.0014 J | 0.0002 U | 0.0011 J | 0.095 J | 0.0002 U | 7.46 | 0.00119 | 0.0002 U |
| VAS_w-06 | 10/14/2002 | 0.0005 U | 0.001 J | 0.00219 | 0.0002 U | 0.0001 U | 9.45 | 0.0014 J | 0.0002 U | 0.0012 J | 0.19 J | 0.0002 U | 7.17 | 0.00061 J | 0.0002 U |
| VAS_w-06 | 6/11/2003 | 0.0005 U | 0.00096 J | 0.00197 | 0.0002 U | 0.0001 U | 9.39 | 0.0015 J | 0.0002 U | 0.0004 U | 0.05 U | 0.0002 U | 7.15 | 0.00751 | 0.0002 U |
| VAS_w-06 | 11/19/2003 | 0.0005 U | 0.00088 J | 0.00189 | 0.0002 U | 0.0001 U | 9.97 | 0.0012 J | 0.0002 U | 0.0004 U | 0.05 U | 0.0002 U | 7.45 | 0.00044 J | 0.0002 U |
| VAS_w-06 | 5/27/2004 | 0.0005 U | 0.00093 J | 0.0022 | 0.0002 U | 0.0001 U | 9.79 | 0.0017 J | 0.0002 U | 0.0004 J | 0.05 U | 0.0002 U | 7.67 | 0.00024 J | 0.0002 U |
| VAS_w-07 | 11/30/1989 | -- | 0.012 | 0.022 | -- | 0.002 U | 21 | 0.009 | -- | 0.003 | 0.73 | 0.014 | 11 | 0.087 | 0.0002 U |
| VAS_w-07 | 4/18/1990 | -- | 0.013 | 0.015 | -- | 0.002 U | 18 | 0.006 U | -- | 0.002 U | 0.15 | 0.005 | 7.5 | 0.06 | 0.0002 U |
| VAS_w-07 | 10/24/1990 | -- | 0.002 | 0.007 | -- | 0.002 U | 12 | 0.006 U | -- | 0.006 | 0.07 | 0.001 | 14 | 0.003 | 0.0005 |
| VAS_w-07 | 1/17/2001 | 0.0005 U | 0.0548 | 0.0179 | 0.0002 U | 0.0001 U | 20.6 | 0.0011 J | 0.00028 J | 0.0167 | 0.724 | 0.00451 | 9.09 | 0.0811 | 0.0002 U |
| VAS_w-07 | 1/17/2001 | 0.0005 U | 0.0367 | 0.0148 | 0.0002 U | 0.0001 U | 20.9 | 0.0004 U | 0.0002 U | 0.00406 | 0.058 J | 0.00106 | 9.03 | 0.0707 | 0.0002 U |
| VAS_w-07 | 11/27/2001 | 0.0005 U | 0.0388 | 0.0187 | 0.0002 U | 0.0001 U | 21.7 | 0.00088 J | 0.00033 J | 0.00305 | 1.07 | 0.00082 J | 9.46 | 0.0842 | 0.0002 U |
| VAS_w-07 | 11/27/2001 | 0.0005 U | 0.037 | 0.0175 | 0.0002 U | 0.0001 U | 20.7 | 0.00053 J | 0.00022 J | 0.00219 | 0.736 | 0.00076 J | 8.97 | 0.0773 | 0.0002 U |
| VAS_w-07 | 6/6/2002 | 0.0005 U | 0.0173 | 0.0149 | 0.0002 U | 0.0001 U | 22.3 | 0.0004 U | 0.0002 U | 0.00045 J | 0.2 J | 0.00023 J | 9.37 | 0.0729 | 0.0002 U |
| VAS_w-07 | 10/1/2002 | 0.0005 U | 0.0381 | 0.0169 | 0.0002 U | 0.0001 U | 22 | 0.00041 J | 0.0002 U | 0.00078 J | 0.16 J | 0.00022 J | 9.52 | 0.0714 | 0.0002 U |
| VAS_w-07 | 6/4/2003 | 0.0005 U | 0.0328 | 0.0145 | 0.0002 U | 0.0001 U | 20.7 | 0.0004 U | 0.0002 U | 0.00043 J | 0.1 J | 0.0002 U | 8.67 | 0.0708 | 0.0002 U |
| VAS_w-07 | 11/13/2003 | 0.0005 U | 0.0469 | 0.0149 | 0.0002 U | 0.0001 U | 21.3 | 0.0004 U | 0.0002 U | 0.00371 | 0.2 J | 0.00048 J | 8.74 | 0.074 | 0.0002 U |
| VAS_w-07 | 6/2/2004 | 0.0005 U | 0.0282 | 0.0161 | 0.0002 U | 0.0001 U | 21.7 | 0.0004 U | 0.0002 U | 0.001 J | 0.285 | 0.00021 J | 9.24 | 0.0765 | 0.0002 U |
| VAS_w-08 | 11/30/1989 | -- | 0.004 | 0.03 | -- | 0.002 U | 39 | 0.019 | -- | 0.004 | 0.3 | 0.001 | 18 | 0.198 | 0.0002 U |
| VAS_w-08 | 11/30/1989 | -- | 0.004 | 0.032 | -- | 0.002 U | 40 | 0.024 | -- | 0.002 | 0.32 | 0.001 | 18 | 0.208 | 0.0002 U |
| VAS_w-08 | 4/18/1990 | -- | 0.005 | 0.031 | -- | 0.002 U | 41 | 0.009 | -- | 0.002 U | 0.34 | 0.002 | 19 | 0.2 | 0.0002 U |
| VAS_w-08 | 10/23/1990 | -- | 0.006 | 0.018 | -- | 0.002 U | 50 | 0.006 U | -- | 0.002 U | 0.14 | 0.004 | 23 | 0.002 U | 0.0002 U |
| VAS_w-08 | 1/17/2001 | 0.0005 U | 0.00393 | 0.0295 | 0.0002 U | 0.0001 U | 43.8 | 0.0004 U | 0.0002 U | 0.0019 J | 0.26 | 0.0002 U | 19.9 | 0.193 | 0.0002 U |
| VAS_w-08 | 4/10/2001 | -- | 0.00288 | 0.029 | -- | 0.0001 U | 41.5 | 0.0004 U | -- | 0.00804 | 0.391 | 0.00208 | 18.7 | 0.181 | 0.0002 U |
| VAS_w-08 | 11/27/2001 | 0.0005 U | 0.0024 J | 0.0301 | 0.0002 U | 0.0001 U | 44.1 | 0.0004 U | 0.0002 U | 0.0033 | 0.507 | 0.0006 J | 19.7 | 0.195 | 0.0002 U |
| VAS_w-08 | 6/6/2002 | 0.0005 U | 0.00339 | 0.03 | 0.0002 U | 0.0001 U | 47.6 | 0.0004 U | 0.0002 U | 0.0014 J | 0.334 | 0.00026 J | 20.7 | 0.2 | 0.0002 U |
| VAS_w-08 | 10/1/2002 | 0.0005 U | 0.00255 | 0.0328 | 0.0002 U | 0.0001 U | 45.4 | 0.0004 U | 0.0002 U | 0.0016 J | 0.31 | 0.00022 J | 20.6 | 0.2 | 0.0002 U |
| VAS_w-08 | 6/10/2003 | 0.0005 U | 0.0033 | 0.0307 | 0.0002 U | 0.0001 U | 44.7 | 0.00074 J | 0.00034 J | 0.00447 | 0.967 | 0.0012 | 19.9 | 0.215 | 0.0002 U |
| VAS_w-08 | 11/18/2003 | 0.0005 U | 0.0024 J | 0.0279 | 0.0002 U | 0.0001 U | 46.5 | 0.0004 U | 0.00022 J | 0.0012 J | 0.458 | 0.00045 J | 19.8 | 0.189 | 0.0002 U |
| VAS_w-08 | 6/2/2004 | 0.0005 U | 0.00324 | 0.0346 | 0.0002 U | 0.0001 U | 47.7 | 0.0004 U | 0.0002 U | 0.0018 J | 0.36 | 0.00032 J | 20.9 | 0.223 | 0.0002 U |
| VAS_w-09a | 10/2/2002 | 0.0005 U | 0.0072 | 0.0109 | 0.0002 U | 0.0001 U | 16.7 | 0.0004 U | 0.00062 J | 0.00066 J | 0.22 J | 0.00028 J | 11.6 | 0.131 | 0.0002 U |
| VAS_w-09a | 10/2/2002 | 0.0005 U | 0.00733 | 0.0114 | 0.0002 U | 0.0001 U | 16.9 | 0.0004 U | 0.00059 J | 0.002 | 0.252 | 0.00031 J | 12.1 | 0.128 | 0.0002 U |
| VAS_w-09a | 6/5/2003 | 0.0005 U | 0.00567 | 0.00993 | 0.0002 U | 0.0001 U | 16.1 | 0.0004 U | 0.0002 U | 0.0004 U | 0.676 | 0.0002 U | 11.2 | 0.173 | 0.0002 U |
| VAS_w-09a | 6/5/2003 | 0.0005 U | 0.00571 | 0.0104 | 0.0002 U | 0.0001 U | 15.9 | 0.0004 U | 0.0002 U | 0.0004 U | 0.664 | 0.0002 U | 11.1 | 0.185 | 0.0002 U |
| VAS_w-09a | 11/17/2003 | 0.0005 U | 0.00507 | 0.00936 | 0.0002 U | 0.0001 U | 16.4 | 0.0004 U | 0.0002 U | 0.0004 U | 0.725 | 0.0002 U | 11.2 | 0.163 | 0.0002 U |
| VAS_w-09a | 5/25/2004 | 0.0005 U | 0.00562 | 0.0103 | 0.0002 U | 0.0001 U | 16.4 | 0.0004 U | 0.0002 U | 0.0004 U | 0.751 | 0.0002 U | 11.8 | 0.18 | 0.0002 U |
| VAS_w-09a | 5/25/2004 | 0.0005 U | 0.00524 | 0.0105 | 0.0002 U | 0.0001 U | 16.6 | 0.0004 U | 0.0002 U | 0.0004 U | 0.759 | 0.0002 U | 12 | 0.186 | 0.0002 U |
| VAS_w-09b | 1/18/2001 | 0.0005 U | 0.00054 J | 0.00286 | 0.0002 U | 0.0001 U | 17.2 | 0.0004 U | 0.0002 U | 0.0004 U | 0.462 | 0.0002 U | 16.2 | 0.0906 | 0.0002 U |
| VAS_w-09b | 4/10/2001 | -- | 0.00086 J | 0.00284 | -- | 0.0001 U | 16.9 | 0.0004 U | -- | 0.0004 U | 1.69 | 0.00065 J | 15.8 | 0.102 | 0.0002 U |
| VAS_w-09b | 11/28/2001 | 0.0005 U | 0.0011 J | 0.00287 | 0.0002 U | 0.0001 U | 17.4 | 0.0004 U | 0.0002 U | 0.0004 U | 1.85 | 0.00031 J | 16.1 | 0.087 | 0.0002 U |
| VAS_w-09b | 6/10/2002 | 0.0005 U | 0.00069 J | 0.00265 | 0.0002 U | 0.0001 U | 17.8 | 0.0004 U | 0.0002 U | 0.0004 U | 1.13 | 0.0002 U | 16.1 | 0.1 | 0.0002 U |
| VAS_w-09b | 10/2/2002 | 0.0005 U | 0.00058 J | 0.00311 | 0.0002 U | 0.0001 U | 18.4 | 0.0004 U | 0.0002 U | 0.0004 U | 0.494 | 0.0002 U | 17.3 | 0.0614 | 0.0002 U |
| VAS_w-10a | 1/18/2001 | 0.0005 U | 0.0012 J | 0.00603 | 0.0002 U | 0.0001 U | 20.7 | 0.00207 | 0.0002 U | 0.00285 | 0.05 U | 0.00042 J | 19.4 | 0.00086 J | 0.0002 U |
| VAS_w-10a | 1/18/2001 | 0.0005 U | 0.0013 J | 0.00623 | 0.0002 U | 0.0001 U | 20.5 | 0.00219 | 0.0002 U | 0.0206 | 0.05 U | 0.004 | 19.1 | 0.00122 | 0.0002 U |
| VAS_w-10a | 10/2/2002 | 0.0005 U | 0.0013 J | 0.00638 | 0.0002 U | 0.0001 U | 20.3 | 0.00231 | 0.0002 U | 0.0017 J | 0.05 U | 0.00024 J | 18.9 | 0.0002 U | 0.0002 U |
| VAS_w-10a | 6/5/2003 | 0.0005 U | 0.0013 J | 0.00461 | 0.0002 U | 0.0001 U | 17.2 | 0.0014 J | 0.0002 U | 0.00409 | 0.05 U | 0.00021 J | 15.7 | 0.0002 U | 0.0002 U |
| VAS_w-10a | 11/17/2003 | 0.0005 U | 0.0012 J | 0.00498 | 0.0002 U | 0.0001 U | 17.1 | 0.0015 J | 0.0002 U | 0.00096 J | 0.05 U | 0.0002 U | 16 | 0.0002 U | 0.0002 U |
| VAS_w-10a | 5/25/2004 | 0.0005 U | 0.0013 J | 0.00603 | 0.0002 U | 0.0001 U | 19.3 | 0.00254 | 0.0002 U | 0.00087 J | 0.05 U | 0.0002 U | 17.9 | 0.0002 U | 0.0002 U |

Data qualifiers are defined in Table D-1.
 -- Sample not analyzed
 Results in bold typeface exceed the MCL.

Appendix D
Vashon-Maury Island
2001-2004 Monitoring Data
Table D-4
Metals

| Well ID | Sample Date | ANTIMONY mg/l | ARSENIC mg/l | BARIUM mg/l | BERYLLIUM mg/l | CADMIUM mg/l | CALCIUM mg/l | CHROMIUM mg/l | COBALT mg/l | COPPER mg/l | IRON mg/l | LEAD mg/l | MAGNESIUM mg/l | MANGANESE mg/l | MERCURY mg/l |
|-----------|-------------|---------------|--------------|-------------|----------------|--------------|--------------|---------------|-------------|-------------|--------------|-----------|----------------|----------------|--------------|
| VAS_w-11 | 1/24/2001 | 0.0005 U | 0.0015 J | 0.0113 | 0.0002 U | 0.0001 U | 25.2 | 0.0004 U | 0.0002 U | 0.00208 | 0.17 J | 0.0002 U | 11.1 | 0.136 | 0.0002 U |
| VAS_w-11 | 1/24/2001 | 0.0005 U | 0.0015 J | 0.0112 | 0.0002 U | 0.0001 U | 25.3 | 0.0004 U | 0.0002 U | 0.00205 | 0.19 J | 0.0002 U | 11 | 0.142 | 0.0002 U |
| VAS_w-11 | 6/3/2002 | 0.0005 U | 0.0012 J | 0.0112 | 0.0002 U | 0.0001 U | 24.5 | 0.0004 U | 0.0002 U | 0.002 | 0.17 J | 0.0002 U | 10.7 | 0.146 | 0.0002 U |
| VAS_w-11 | 10/3/2002 | 0.0005 U | 0.0015 J | 0.0128 | 0.0002 U | 0.0001 U | 24.2 | 0.0004 U | 0.0002 U | 0.00262 | 0.16 J | 0.0002 U | 11.3 | 0.132 | 0.0002 U |
| VAS_w-11 | 6/10/2003 | 0.0005 U | 0.0017 J | 0.0116 | 0.0002 U | 0.0001 U | 23 | 0.0004 U | 0.0002 U | 0.0016 J | 0.11 J | 0.0002 U | 10.4 | 0.14 | 0.0002 U |
| VAS_w-11 | 11/18/2003 | 0.0005 U | 0.0014 J | 0.011 | 0.0002 U | 0.0001 U | 23.8 | 0.0004 U | 0.0002 U | 0.00464 | 0.325 | 0.0002 U | 10.8 | 0.138 | 0.0002 U |
| VAS_w-11 | 5/24/2004 | 0.0005 U | 0.0014 J | 0.0118 | 0.0002 U | 0.0001 U | 23.6 | 0.0004 U | 0.0002 U | 0.00694 | 0.13 J | 0.0002 U | 11 | 0.145 | 0.0002 U |
| VAS_w-12 | 1/18/2001 | 0.0005 U | 0.00553 | 0.00914 | 0.0002 U | 0.0001 U | 24.3 | 0.0004 U | 0.0002 U | 0.0531 | 0.271 | 0.0002 U | 7.09 | 0.0805 | 0.0002 U |
| VAS_w-12 | 4/10/2001 | -- | 0.00533 | 0.00929 | -- | 0.0001 U | 24.3 | 0.0004 U | -- | 0.0335 | 0.339 | 0.00029 J | 7.07 | 0.0767 | 0.0002 U |
| VAS_w-12 | 4/10/2001 | -- | 0.00525 | 0.00912 | -- | 0.0001 U | 24.3 | 0.0004 U | -- | 0.0486 | 0.486 | 0.00077 J | 7.06 | 0.0786 | 0.0002 U |
| VAS_w-12 | 11/28/2001 | 0.0005 U | 0.00584 | 0.00954 | 0.0002 U | 0.0001 U | 23.4 | 0.0004 U | 0.0002 U | 0.0442 | 0.536 | 0.0002 U | 6.7 | 0.085 | 0.0002 U |
| VAS_w-12 | 6/10/2002 | 0.0005 U | 0.00602 | 0.00884 | 0.0002 U | 0.0001 U | 25.9 | 0.0004 U | 0.0002 U | 0.0788 | 0.697 | 0.0002 U | 7.26 | 0.0903 | 0.0002 U |
| VAS_w-12 | 10/2/2002 | 0.0005 U | 0.00594 | 0.0104 | 0.0002 U | 0.0001 U | 25.2 | 0.0004 U | 0.0002 U | 0.013 | 0.2 J | 0.0002 U | 7.37 | 0.0825 | 0.0002 U |
| VAS_w-12 | 6/5/2003 | 0.0005 U | 0.00559 | 0.00855 | 0.0002 U | 0.0001 U | 24.8 | 0.0004 U | 0.0002 U | 0.0174 | 0.15 J | 0.00022 J | 7.07 | 0.0788 | 0.0002 U |
| VAS_w-12 | 11/17/2003 | 0.0005 U | 0.00745 | 0.00943 | 0.0002 U | 0.0001 U | 24 | 0.00278 | 0.0002 U | 0.0661 | 1.22 | 0.00284 | 7.01 | 0.093 | 0.0002 U |
| VAS_w-12 | 11/17/2003 | 0.0005 U | 0.00766 | 0.00852 | 0.0002 U | 0.0001 U | 25.4 | 0.0013 J | 0.0002 U | 0.0461 | 0.774 | 0.00136 | 7.15 | 0.0822 | 0.0002 U |
| VAS_w-12 | 5/24/2004 | 0.0005 U | 0.00554 | 0.00952 | 0.0002 U | 0.0001 U | 24.6 | 0.0004 U | 0.0002 U | 0.00544 | 0.12 J | 0.0002 U | 7.16 | 0.0869 | 0.0002 U |
| VAS_w-13 | 1/17/2001 | 0.0005 U | 0.0012 J | 0.00603 | 0.0002 U | 0.0001 U | 16.9 | 0.00233 | 0.0002 U | 0.00473 | 0.05 U | 0.0017 | 15.2 | 0.00078 J | 0.0002 U |
| VAS_w-13 | 12/4/2001 | 0.0005 U | 0.0012 J | 0.00551 | 0.0002 U | 0.0001 U | 16.1 | 0.00212 | 0.0002 U | 0.00046 J | 0.05 U | 0.00036 J | 14 | 0.00119 | 0.0002 U |
| VAS_w-13 | 6/11/2002 | 0.0005 U | 0.001 J | 0.0045 | 0.0002 U | 0.0001 U | 15.8 | 0.0017 J | 0.0002 U | 0.00096 J | 0.15 J | 0.00153 | 14.1 | 0.00522 | 0.0002 U |
| VAS_w-13 | 6/11/2002 | 0.0005 U | 0.00099 J | 0.0044 | 0.0002 U | 0.0001 U | 16.2 | 0.0015 J | 0.0002 U | 0.0011 J | 0.15 J | 0.00149 | 13.9 | 0.00618 | 0.0002 U |
| VAS_w-13 | 10/14/2002 | 0.0005 U | 0.0012 J | 0.00512 | 0.0002 U | 0.0001 U | 14.7 | 0.00234 | 0.0002 U | 0.00093 J | 0.064 J | 0.00025 J | 12.7 | 0.0023 | 0.0002 U |
| VAS_w-13 | 6/4/2003 | 0.0005 U | 0.0011 J | 0.0047 | 0.0002 U | 0.0001 U | 15.3 | 0.0023 | 0.0002 U | 0.00068 J | 0.064 J | 0.0002 J | 13.3 | 0.00217 | 0.0002 U |
| VAS_w-13 | 11/13/2003 | 0.0005 U | 0.0012 J | 0.00453 | 0.0002 U | 0.0001 U | 14.8 | 0.00249 | 0.0002 U | 0.00085 J | 0.11 J | 0.00042 J | 12.6 | 0.00336 | 0.0002 U |
| VAS_w-13 | 6/2/2004 | 0.0005 U | 0.0012 J | 0.00511 | 0.0002 U | 0.0001 U | 14.5 | 0.00251 | 0.0002 U | 0.0006 J | 0.05 U | 0.0002 U | 13 | 0.00105 | 0.0002 U |
| VAS_w-14 | 1/22/2001 | 0.0005 U | 0.0015 J | 0.00364 | 0.0002 U | 0.0001 U | 12.5 | 0.00096 J | 0.0002 U | 0.00045 J | 0.16 J | 0.0002 U | 9.51 | 0.00121 | 0.0002 U |
| VAS_w-14 | 11/29/2001 | 0.0005 U | 0.0015 J | 0.00413 | 0.0002 U | 0.0001 U | 11.6 | 0.0012 J | 0.0002 U | 0.00083 J | 0.717 | 0.00077 J | 8.75 | 0.00122 | 0.0002 U |
| VAS_w-14 | 6/3/2002 | 0.0005 U | 0.0012 J | 0.00392 | 0.0002 U | 0.0001 U | 12 | 0.0015 J | 0.0002 U | 0.00097 J | 0.481 | 0.00167 | 9.35 | 0.0273 | 0.0002 U |
| VAS_w-14 | 10/3/2002 | 0.0005 U | 0.0013 J | 0.0041 | 0.0002 U | 0.0001 U | 12 | 0.0017 J | 0.0002 U | 0.0008 J | 0.325 | 0.00079 J | 9.22 | 0.00251 | 0.0002 U |
| VAS_w-14 | 6/10/2003 | 0.0005 U | 0.0015 J | 0.00388 | 0.0002 U | 0.0001 U | 11.8 | 0.0013 J | 0.0002 U | 0.00053 J | 0.11 J | 0.0005 J | 8.88 | 0.00133 | 0.0002 U |
| VAS_w-14 | 11/18/2003 | 0.0005 U | 0.0013 J | 0.00358 | 0.0002 U | 0.0001 U | 12.1 | 0.0012 J | 0.0002 U | 0.0004 U | 0.19 J | 0.0005 J | 8.97 | 0.00103 | 0.0002 U |
| VAS_w-14 | 6/1/2004 | 0.0005 U | 0.0013 J | 0.0043 | 0.0002 U | 0.0001 U | 12.6 | 0.00209 | 0.0002 U | 0.0016 J | 0.19 J | 0.00069 J | 9.61 | 0.00309 | 0.0002 U |
| VAS_w-15 | 1/22/2001 | 0.0005 U | 0.0018 J | 0.00123 | 0.0002 U | 0.0001 U | 12 | 0.0004 U | 0.0002 U | 0.00464 | 0.065 J | 0.00044 J | 8.38 | 0.168 | 0.0002 U |
| VAS_w-15 | 1/22/2001 | 0.0005 U | 0.0016 J | 0.00127 | 0.0002 U | 0.0001 U | 11.8 | 0.0004 U | 0.0002 U | 0.00282 | 0.057 J | 0.00046 J | 8.21 | 0.178 | 0.0002 U |
| VAS_w-15 | 11/29/2001 | 0.0005 U | 0.0014 J | 0.00125 | 0.0002 U | 0.0001 U | 11 | 0.0004 U | 0.0002 U | 0.00052 J | 0.05 U | 0.0002 U | 7.62 | 0.177 | 0.0002 U |
| VAS_w-15 | 6/10/2002 | 0.0005 U | 0.0014 J | 0.00122 | 0.0002 U | 0.0001 U | 11.8 | 0.0004 U | 0.0002 U | 0.0011 J | 0.05 U | 0.0002 U | 8 | 0.175 | 0.0002 U |
| VAS_w-15 | 10/3/2002 | 0.0005 U | 0.0014 J | 0.00126 | 0.0002 U | 0.0001 U | 11.7 | 0.0004 U | 0.0002 U | 0.00048 J | 0.061 J | 0.0002 U | 8.2 | 0.192 | 0.0002 U |
| VAS_w-15 | 6/5/2003 | 0.0005 U | 0.0015 J | 0.00127 | 0.0002 U | 0.0001 U | 11.5 | 0.0004 U | 0.0002 U | 0.00084 J | 0.22 J | 0.00031 J | 7.88 | 0.197 | 0.0002 U |
| VAS_w-15 | 11/17/2003 | 0.0005 U | 0.0013 J | 0.00114 | 0.0002 U | 0.0001 U | 11.7 | 0.0004 U | 0.0002 U | 0.0006 J | 0.21 J | 0.00079 J | 7.94 | 0.171 | 0.0002 U |
| VAS_w-15 | 6/1/2004 | 0.0005 U | 0.0013 J | 0.0002 U | 0.0002 U | 0.0001 U | 0.05 U | 0.0004 U | 0.0002 U | 0.00077 J | 0.05 U | 0.0002 U | 0.03 U | 0.00041 J | 0.0002 U |
| VAS_w-15 | 6/1/2004 | 0.0005 U | 0.0013 J | 0.0002 U | 0.0002 U | 0.0001 U | 0.05 U | 0.0004 U | 0.0002 U | 0.00074 J | 0.05 U | 0.0002 U | 0.03 U | 0.0004 J | 0.0002 U |
| VAS_w-16a | 1/24/2001 | 0.0005 U | 0.0005 U | 0.00401 | 0.0002 U | 0.0001 U | 9.91 | 0.00201 | 0.0002 U | 0.00473 | 0.086 J | 0.0002 U | 8.14 | 0.00085 J | 0.0002 U |
| VAS_w-16a | 11/29/2001 | 0.0005 U | 0.00052 J | 0.00385 | 0.0002 U | 0.0001 U | 8.91 | 0.0019 J | 0.0002 U | 0.00697 | 0.13 J | 0.00025 J | 7.23 | 0.00161 | 0.0002 U |
| VAS_w-16a | 6/10/2002 | 0.0005 U | 0.00057 J | 0.00372 | 0.0002 U | 0.0001 U | 9.69 | 0.0022 | 0.0002 U | 0.00541 | 0.673 | 0.00281 | 7.65 | 0.00966 | 0.0002 U |
| VAS_w-16a | 10/3/2002 | 0.0005 U | 0.0005 U | 0.00408 | 0.0002 U | 0.0001 U | 9.76 | 0.00239 | 0.0002 U | 0.0026 | 0.066 J | 0.00033 J | 8.01 | 0.00168 | 0.0002 U |
| VAS_w-16a | 6/10/2003 | 0.0005 U | 0.00057 J | 0.00363 | 0.0002 U | 0.0001 U | 8.86 | 0.00233 | 0.0002 U | 0.002 | 0.097 J | 0.00048 J | 7.22 | 0.00163 | 0.0002 U |
| VAS_w-16a | 11/18/2003 | 0.0005 U | 0.0005 U | 0.00351 | 0.0002 U | 0.0001 U | 8.69 | 0.00222 | 0.0002 U | 0.0011 J | 0.1 J | 0.0002 U | 6.93 | 0.00076 J | 0.0002 U |
| VAS_w-16a | 5/27/2004 | 0.0005 U | 0.00052 J | 0.00397 | 0.0002 U | 0.0001 U | 8.71 | 0.00243 | 0.0002 U | 0.0015 J | 0.05 U | 0.00021 J | 7.24 | 0.00055 J | 0.0002 U |

Data qualifiers are defined in Table D-1.
 -- Sample not analyzed
 Results in bold typeface exceed the MCL.

Appendix D
Vashon-Maury Island
2001-2004 Monitoring Data
Table D-4
Metals

| Well ID | Sample Date | ANTIMONY mg/l | ARSENIC mg/l | BARIUM mg/l | BERYLLIUM mg/l | CADMIUM mg/l | CALCIUM mg/l | CHROMIUM mg/l | COBALT mg/l | COPPER mg/l | IRON mg/l | LEAD mg/l | MAGNESIUM mg/l | MANGANESE mg/l | MERCURY mg/l |
|----------|-------------|---------------|--------------|-------------|----------------|--------------|--------------|---------------|-------------|-------------|--------------|-----------|----------------|----------------|--------------|
| VAS_w-17 | 1/22/2001 | 0.0005 U | 0.00064 J | 0.00279 | 0.0002 U | 0.0001 U | 10.7 | 0.0011 J | 0.0002 U | 0.00325 | 0.12 J | 0.00178 | 7.07 | 0.00345 | 0.0002 U |
| VAS_w-17 | 11/29/2001 | 0.0005 U | 0.0005 J | 0.00291 | 0.0002 U | 0.0001 U | 10.3 | 0.0011 J | 0.0002 U | 0.00222 | 0.1 J | 0.00086 J | 6.71 | 0.00241 | 0.0002 U |
| VAS_w-17 | 6/3/2002 | 0.0005 U | 0.0005 U | 0.00264 | 0.0002 U | 0.0001 U | 11.1 | 0.00095 J | 0.0002 U | 0.00249 | 0.079 J | 0.00118 | 7.07 | 0.00469 | 0.0002 U |
| VAS_w-17 | 10/7/2002 | 0.0005 U | 0.00055 J | 0.00317 | 0.0002 U | 0.0001 U | 11.1 | 0.0013 J | 0.0002 U | 0.004 | 2.59 | 0.00236 | 7.24 | 0.0485 | 0.0002 U |
| VAS_w-17 | 6/11/2003 | 0.0005 U | 0.0005 U | 0.0028 | 0.0002 U | 0.0001 U | 10.6 | 0.0012 J | 0.0002 U | 0.0013 J | 0.088 J | 0.00073 J | 6.9 | 0.00292 | 0.0002 U |
| VAS_w-17 | 11/19/2003 | 0.0005 U | 0.0005 U | 0.00266 | 0.0002 U | 0.0001 U | 10.2 | 0.0011 J | 0.0002 U | 0.00073 J | 0.05 U | 0.00047 J | 6.52 | 0.00052 J | 0.0002 U |
| VAS_w-17 | 5/27/2004 | 0.0005 U | 0.0005 U | 0.00314 | 0.0002 U | 0.0001 U | 11 | 0.0013 J | 0.0002 U | 0.00245 | 0.05 U | 0.00063 J | 7.18 | 0.00228 | 0.0002 U |
| VAS_w-18 | 2/28/2001 | -- | 0.00259 | 0.0106 | -- | 0.0001 U | 38.2 | 0.0012 U | -- | 0.00073 U | 9.57 | 0.00092 U | 11.1 | 0.975 | 0.0002 U |
| VAS_w-18 | 2/28/2001 | -- | 0.00277 | 0.0105 | -- | 0.0001 U | 39 | 0.0012 U | -- | 0.00069 U | 9.76 | 0.00109 | 11.3 | 0.967 | 0.0002 U |
| VAS_w-18 | 12/3/2001 | 0.0005 U | 0.00314 | 0.0124 | 0.0002 U | 0.0001 U | 36.4 | 0.0014 J | 0.0002 U | 0.00829 | 9.52 | 0.00365 | 10.4 | 1.13 | 0.0002 U |
| VAS_w-18 | 6/11/2002 | 0.0005 U | 0.00806 | 0.019 | 0.0002 U | 0.0001 U | 41.1 | 0.0019 J | 0.0002 U | 0.00791 | 24.7 | 0.00679 | 11.2 | 1.23 | 0.0002 U |
| VAS_w-18 | 10/7/2002 | 0.0005 U | 0.00303 | 0.0115 | 0.0002 U | 0.0001 U | 41.4 | 0.0016 J | 0.0002 U | 0.0123 | 10.2 | 0.00139 | 11.8 | 0.994 | 0.0002 U |
| VAS_w-18 | 6/11/2003 | 0.0005 U | 0.00299 | 0.0106 | 0.0002 U | 0.0001 U | 38.6 | 0.0013 J | 0.0002 U | 0.0013 J | 9.01 | 0.00063 J | 10.8 | 1.1 | 0.0002 U |
| VAS_w-18 | 6/11/2003 | 0.0005 U | 0.0045 | 0.0123 | 0.0002 U | 0.0001 U | 38.5 | 0.0015 J | 0.0002 U | 0.00466 | 12.7 | 0.00171 | 10.7 | 1.1 | 0.0002 U |
| VAS_w-18 | 11/19/2003 | 0.0005 U | 0.00301 | 0.0103 | 0.0002 U | 0.0001 U | 40 | 0.0013 J | 0.0002 U | 0.00626 | 9.41 | 0.00603 | 11 | 1.1 | 0.0002 U |
| VAS_w-18 | 5/26/2004 | 0.0005 U | 0.00293 | 0.0116 | 0.0002 U | 0.0001 U | 38.4 | 0.0014 J | 0.0002 U | 0.0004 U | 8.93 | 0.00023 J | 11.1 | 1.15 | 0.0002 U |
| VAS_w-19 | 11/30/1989 | -- | 0.003 | 0.008 | -- | 0.002 U | 8.7 | 0.006 U | -- | 0.002 U | 0.42 | 0.001 | 10 | 0.107 | 0.0002 U |
| VAS_w-19 | 4/20/1990 | -- | 0.004 | 0.006 | -- | 0.002 U | 7.8 | 0.006 U | -- | 0.002 U | 0.34 | 0.001 | 8.2 | 0.092 | 0.0002 U |
| VAS_w-19 | 10/26/1990 | -- | 0.003 | 0.006 | -- | 0.002 U | 10 | 0.006 U | -- | 0.002 U | 0.46 | 0.004 | 9.6 | 0.105 | 0.0003 |
| VAS_w-19 | 10/26/1990 | -- | 0.003 | 0.006 | -- | 0.002 U | 9.8 | 0.006 U | -- | 0.002 U | 0.42 | 0.005 | 9.7 | 0.104 | 0.0006 |
| VAS_w-19 | 1/23/2001 | 0.0005 U | 0.002 J | 0.00536 | 0.0002 U | 0.0001 U | 8.76 | 0.0004 U | 0.0002 U | 0.0044 | 0.392 | 0.00104 | 9.64 | 0.0915 | 0.0002 U |
| VAS_w-19 | 1/23/2001 | 0.0005 U | 0.002 J | 0.00552 | 0.0002 U | 0.0001 U | 9.01 | 0.0004 U | 0.0002 U | 0.00734 | 0.357 | 0.00064 J | 9.92 | 0.0939 | 0.0002 U |
| VAS_w-19 | 6/3/2002 | 0.0005 U | 0.0018 J | 0.00527 | 0.0002 U | 0.0001 U | 8.93 | 0.0004 U | 0.0002 U | 0.0004 U | 0.374 | 0.0002 U | 9.56 | 0.101 | 0.0002 U |
| VAS_w-19 | 10/7/2002 | 0.0005 U | 0.002 J | 0.00591 | 0.0002 U | 0.0001 U | 9.23 | 0.0004 U | 0.0002 U | 0.0004 U | 0.362 | 0.0002 U | 10.1 | 0.0995 | 0.0002 U |
| VAS_w-19 | 6/11/2003 | 0.0005 U | 0.0019 J | 0.00549 | 0.0002 U | 0.0001 U | 8.44 | 0.0004 U | 0.0002 U | 0.0004 U | 0.282 | 0.0002 U | 8.99 | 0.1 | 0.0002 U |
| VAS_w-19 | 11/19/2003 | 0.0005 U | 0.0019 J | 0.0053 | 0.0002 U | 0.0001 U | 8.74 | 0.0004 U | 0.0002 U | 0.0004 U | 0.309 | 0.0002 U | 9.34 | 0.0948 | 0.0002 U |
| VAS_w-19 | 5/26/2004 | 0.0005 U | 0.002 J | 0.00574 | 0.0002 U | 0.0001 U | 9.08 | 0.0004 U | 0.0002 U | 0.0004 U | 0.303 | 0.00032 J | 9.89 | 0.104 | 0.0002 U |
| VAS_w-20 | 1/23/2001 | 0.0005 U | 0.00072 J | 0.00347 | 0.0002 U | 0.0001 U | 10.2 | 0.00289 | 0.0002 U | 0.00207 | 0.21 J | 0.00118 | 6.99 | 0.00315 | 0.0002 U |
| VAS_w-20 | 4/10/2001 | -- | 0.0006 J | 0.00332 | -- | 0.0001 U | 9.5 | 0.00267 | -- | 0.00244 | 0.079 J | 0.00065 J | 6.46 | 0.00214 | 0.0002 U |
| VAS_w-20 | 12/3/2001 | 0.0005 U | 0.00064 J | 0.00353 | 0.0002 U | 0.0001 U | 8.84 | 0.00309 | 0.0002 U | 0.00391 | 0.05 U | 0.0002 U | 5.88 | 0.00151 | 0.0002 U |
| VAS_w-20 | 6/11/2002 | 0.0005 U | 0.00063 J | 0.00349 | 0.0002 U | 0.0001 U | 10.2 | 0.00252 | 0.0002 U | 0.0042 | 0.05 U | 0.00044 J | 6.63 | 0.00168 | 0.0002 U |
| VAS_w-20 | 10/7/2002 | 0.0005 U | 0.00064 J | 0.00324 | 0.0002 U | 0.0001 U | 10.3 | 0.00323 | 0.0002 U | 0.00442 | 0.05 U | 0.00029 J | 6.83 | 0.00096 J | 0.0002 U |
| VAS_w-20 | 6/4/2003 | 0.0005 U | 0.00069 J | 0.00342 | 0.0002 U | 0.0001 U | 9.84 | 0.00272 | 0.0002 U | 0.00436 | 0.05 U | 0.00024 J | 6.46 | 0.00144 | 0.0002 U |
| VAS_w-20 | 11/13/2003 | 0.0005 U | 0.00061 J | 0.0032 | 0.0002 U | 0.0001 U | 10.3 | 0.00252 | 0.0002 U | 0.00278 | 0.05 U | 0.00028 J | 6.58 | 0.00129 | 0.0002 U |
| VAS_w-20 | 11/13/2003 | 0.0005 U | 0.00061 J | 0.00331 | 0.0002 U | 0.0001 U | 10.5 | 0.0025 | 0.0002 U | 0.00302 | 0.05 U | 0.00032 J | 6.63 | 0.00144 | 0.0002 U |
| VAS_w-20 | 5/27/2004 | 0.0005 U | 0.0006 J | 0.00315 | 0.0002 U | 0.0001 U | 9.78 | 0.00307 | 0.0002 U | 0.00511 | 0.05 U | 0.0002 U | 6.49 | 0.00109 | 0.0002 U |
| VAS_w-21 | 1/16/2001 | 0.0005 U | 0.00389 | 0.0094 | 0.0002 U | 0.0001 U | 19.9 | 0.0004 U | 0.0002 U | 0.0197 | 0.267 | 0.00085 J | 9.6 | 0.021 | 0.0002 U |
| VAS_w-21 | 11/26/2001 | 0.0005 U | 0.00376 | 0.00871 | 0.0002 U | 0.0001 U | 19.7 | 0.0004 U | 0.0002 U | 0.00092 J | 0.24 J | 0.0002 U | 9.31 | 0.019 | 0.0002 U |
| VAS_w-21 | 6/5/2002 | 0.0005 U | 0.00398 | 0.00925 | 0.0002 U | 0.0001 U | 21.7 | 0.0004 U | 0.0002 U | 0.00074 J | 0.17 J | 0.0002 U | 10 | 0.0223 | 0.0002 U |
| VAS_w-21 | 9/30/2002 | 0.0005 U | 0.00437 | 0.0101 | 0.0002 U | 0.0001 U | 21.7 | 0.0004 U | 0.0002 U | 0.0013 J | 0.22 J | 0.0002 U | 10.2 | 0.0208 | 0.0002 U |
| VAS_w-21 | 9/30/2002 | 0.0005 U | 0.00395 | 0.00999 | 0.0002 U | 0.0001 U | 21.4 | 0.0004 U | 0.0002 U | 0.0017 J | 0.2 J | 0.0002 U | 10.2 | 0.0191 | 0.0002 U |
| VAS_w-21 | 6/3/2003 | 0.0005 U | 0.00389 | 0.00953 | 0.0002 U | 0.0001 U | 21 | 0.0004 U | 0.0002 U | 0.0012 J | 0.258 | 0.0002 U | 9.93 | 0.018 | 0.0002 U |
| VAS_w-21 | 11/12/2003 | 0.0005 U | 0.00443 | 0.00923 | 0.0002 U | 0.0001 U | 21.5 | 0.0004 U | 0.0002 U | 0.0093 | 0.23 J | 0.0002 U | 9.86 | 0.0203 | 0.0002 U |
| VAS_w-21 | 6/2/2004 | 0.0005 U | 0.00441 | 0.01 | 0.0002 U | 0.0001 U | 21.8 | 0.0004 U | 0.0002 U | 0.00244 | 0.1 J | 0.0002 U | 10.3 | 0.0216 | 0.0002 U |

Data qualifiers are defined in Table D-1.
 -- Sample not analyzed
 Results in bold typeface exceed the MCL.

Appendix D
Vashon-Maury Island
2001-2004 Monitoring Data
Table D-4
Metals

| Well ID | Sample Date | MOLYBDENUM mg/l | NICKEL mg/l | POTASSIUM mg/l | SELENIUM mg/l | SILICA mg/l | SILVER mg/l | SODIUM mg/l | THALLIUM mg/l | VANADIUM mg/l | ZINC mg/l |
|-----------|-------------|--------------------|----------------|-------------------|------------------|----------------|----------------|----------------|------------------|------------------|--------------|
| VAS_s-02 | 11/30/1989 | -- | -- | 1 U | 0.001 U | 14 | 0.01 U | 9.4 | -- | -- | 0.026 |
| VAS_s-02 | 4/16/1990 | -- | -- | 0.96 | 0.001 U | 30 | 0.01 U | 8.6 | -- | -- | 0.05 |
| VAS_s-02 | 10/22/1990 | -- | -- | 1.2 | 0.001 U | 18 | 0.01 U | 6.5 | -- | -- | 0.02 |
| VAS_s-02 | 10/22/1990 | -- | -- | 0.63 | 0.001 U | 24 | 0.01 U | 8.7 | -- | -- | 0.02 U |
| VAS_s-02 | 1/23/2001 | 0.0005 U | 0.0013 J | 2 U | 0.0015 U | 30 | 0.0002 U | 9.07 | 0.0002 U | 0.00491 | 0.00088 J |
| VAS_s-02 | 11/27/2001 | 0.0005 U | 0.00152 | 2 U | 0.0015 U | 5.7 | 0.0002 U | 8.48 | 0.0002 U | 0.00471 | 0.00078 J |
| VAS_s-02 | 6/6/2002 | 0.0005 U | 0.0013 J | 2 U | 0.0015 U | 13 | 0.0002 U | 8.79 | 0.0002 U | 0.0042 | 0.0024 J |
| VAS_s-02 | 10/1/2002 | 0.0005 U | 0.00161 | 2 U | 0.0015 U | 21 | 0.0002 U | 9.16 | 0.0002 U | 0.00507 | 0.0013 J |
| VAS_s-02 | 6/4/2003 | 0.0005 U | 0.0013 J | 2 U | 0.0015 U | 31.8 | 0.0002 U | 8.45 | 0.0002 U | 0.00519 | 0.00078 J |
| VAS_s-03 | 11/30/1989 | -- | -- | 2.3 | 0.001 U | 20 | 0.01 U | 8.8 | -- | -- | 0.036 |
| VAS_s-03 | 4/18/1990 | -- | -- | 1.5 | 0.001 U | 32 | 0.01 U | 6.6 | -- | -- | 0.04 |
| VAS_s-03 | 4/18/1990 | -- | -- | 1.5 | 0.001 U | 32 | 0.01 U | 6.4 | -- | -- | 0.04 |
| VAS_s-03 | 10/24/1990 | -- | -- | 5 | 0.001 U | 28 | 0.01 U | 30 | -- | -- | 0.83 |
| VAS_s-03 | 1/17/2001 | 0.0005 U | 0.00191 | 3.2 J | 0.0015 U | 42 | 0.0002 U | 7.16 | 0.0002 U | 0.00617 | 0.0079 |
| VAS_s-03 | 11/27/2001 | 0.0005 U | 0.00193 | 2.5 J | 0.0015 U | 5.7 | 0.0002 U | 6.59 | 0.0002 U | 0.00547 | 0.0115 |
| VAS_s-03 | 6/6/2002 | 0.0005 U | 0.00177 | 2.1 J | 0.0015 U | 42 | 0.0002 U | 6.87 | 0.0002 U | 0.00553 | 0.0138 |
| VAS_s-03 | 10/1/2002 | 0.0005 U | 0.00204 | 2.4 J | 0.0015 U | 24 | 0.0002 U | 6.73 | 0.0002 U | 0.00632 | 0.012 |
| VAS_s-03 | 6/4/2003 | 0.0005 U | 0.00185 | 2.3 J | 0.0015 U | 43.3 | 0.0002 U | 6.62 | 0.0002 U | 0.00676 | 0.0164 |
| VAS_s-03 | 11/13/2003 | 0.0005 U | 0.0018 | 2.5 J | 0.0015 U | 41.1 | 0.0002 U | 6.6 | 0.0002 U | 0.00642 | 0.00933 |
| VAS_s-03 | 6/2/2004 | 0.0005 U | 0.00209 | 2.7 J | 0.0015 U | 42.5 | 0.0002 U | 6.44 | 0.0002 U | 0.00676 | 0.0144 |
| VAS_w-02a | 1/16/2001 | 0.00078 J | 0.00059 J | 3.2 J | 0.0015 U | 30 | 0.0002 U | 6.23 | 0.0002 U | 0.00275 | 0.00665 |
| VAS_w-02a | 11/26/2001 | 0.00083 J | 0.00081 J | 3 J | 0.0015 U | 31 | 0.0002 U | 6.22 | 0.0002 U | 0.00285 | 0.0186 |
| VAS_w-02a | 6/5/2002 | 0.001 J | 0.00081 J | 3 J | 0.0015 U | 29 | 0.0002 U | 6.97 | 0.0002 U | 0.00261 | 0.00609 |
| VAS_w-02a | 6/5/2002 | 0.00099 J | 0.00068 J | 2.9 J | 0.0015 U | 30 | 0.0002 U | 6.74 | 0.0002 U | 0.00255 | 0.00558 |
| VAS_w-02a | 9/30/2002 | 0.0012 J | 0.00092 J | 3.3 J | 0.0015 U | 23 | 0.0002 U | 6.76 | 0.0002 U | 0.00312 | 0.00727 |
| VAS_w-02a | 6/3/2003 | 0.00084 J | 0.00061 J | 3 J | 0.0015 U | 30.2 | 0.0002 U | 6.24 | 0.0002 U | 0.00306 | 0.00271 |
| VAS_w-02a | 11/12/2003 | 0.00059 J | 0.00061 J | 3.2 J | 0.0015 U | 42.5 | 0.0002 U | 6.39 | 0.0002 U | 0.00315 | 0.0037 |
| VAS_w-02a | 6/1/2004 | 0.00068 J | 0.00064 J | 3.3 J | 0.0015 U | 33.9 | 0.0002 U | 6.22 | 0.0002 U | 0.00322 | 0.0015 J |
| VAS_w-03 | 11/30/1989 | -- | -- | 6.3 | 0.001 U | 26 | 0.01 U | 39 | -- | -- | 0.056 |
| VAS_w-03 | 4/18/1990 | -- | -- | 4.5 | 0.001 U | 20 | 0.01 U | 28 | -- | -- | 0.03 |
| VAS_w-03 | 10/24/1990 | -- | -- | 1.5 | 0.001 U | 24 | 0.01 U | 7.7 | -- | -- | 0.07 |
| VAS_w-03 | 1/22/2001 | 0.00706 | 0.00039 J | 2 U | 0.0015 U | 26 | 0.0002 U | 30.8 | 0.0002 U | 0.00534 | 0.00496 |
| VAS_w-03 | 11/26/2001 | 0.00697 | 0.00062 J | 5.8 J | 0.0015 U | 27 | 0.0002 U | 29 | 0.0002 U | 0.00475 | 0.00481 |
| VAS_w-03 | 6/5/2002 | 0.00661 | 0.00048 J | 5.8 J | 0.0015 U | 27 | 0.0002 U | 30.1 | 0.0002 U | 0.00458 | 0.00373 |
| VAS_w-03 | 9/30/2002 | 0.00699 | 0.0006 J | 6.1 J | 0.0015 U | 22 | 0.0002 U | 30.2 | 0.0002 U | 0.00509 | 0.0023 J |
| VAS_w-03 | 6/3/2003 | 0.00703 | 0.00039 J | 5.8 J | 0.0015 U | 27.2 | 0.0002 U | 29.6 | 0.0002 U | 0.00552 | 0.00345 |
| VAS_w-03 | 11/12/2003 | 0.00674 | 0.00052 J | 5.9 J | 0.0015 U | 26.5 | 0.0002 U | 29 | 0.0002 U | 0.00535 | 0.0044 |
| VAS_w-03 | 5/24/2004 | 0.00738 | 0.00048 J | 6.4 J | 0.0015 U | 26.6 | 0.0002 U | 29.2 | 0.0002 U | 0.00544 | 0.00326 |
| VAS_w-04 | 1/16/2001 | 0.00587 | 0.00068 J | 7.3 J | 0.0015 U | 38 | 0.0002 U | 58.1 | 0.0002 U | 0.00033 J | 0.0111 |
| VAS_w-04 | 1/16/2001 | 0.0059 | 0.00078 J | 8.4 J | 0.0015 U | 40 | 0.0002 U | 57.1 | 0.0002 U | 0.00035 J | 0.00912 |
| VAS_w-04 | 11/26/2001 | 0.00582 | 0.00079 J | 7.6 J | 0.0015 U | 43 | 0.0002 U | 58.6 | 0.0002 U | 0.0003 U | 0.0144 |
| VAS_w-04 | 11/26/2001 | 0.00604 | 0.0009 J | 7.5 J | 0.0015 U | 43 | 0.0002 U | 56.7 | 0.0002 U | 0.00032 J | 0.016 |
| VAS_w-04 | 6/5/2002 | 0.00556 | 0.00079 J | 7.3 J | 0.0015 U | 43 | 0.0002 U | 58.1 | 0.0002 U | 0.0003 U | 0.017 |
| VAS_w-04 | 9/30/2002 | 0.00591 | 0.00099 J | 7.9 J | 0.0015 U | 23 | 0.0002 U | 58.5 | 0.0002 U | 0.00034 J | 0.00718 |
| VAS_w-04 | 6/3/2003 | 0.00573 | 0.00078 J | 7.6 J | 0.0015 U | 41.2 | 0.0002 U | 58.3 | 0.0002 U | 0.00035 J | 0.0148 |
| VAS_w-04 | 11/12/2003 | 0.00561 | 0.00082 J | 7.7 J | 0.0015 U | 41.9 | 0.0002 U | 57.9 | 0.0002 U | 0.00037 J | 0.014 |
| VAS_w-04 | 5/24/2004 | 0.00624 | 0.00085 J | 8.2 J | 0.0015 U | 39.9 | 0.0002 U | 58 | 0.0002 U | 0.0004 J | 0.0114 |
| VAS_w-06 | 1/24/2001 | 0.0005 U | 0.0004 J | 2 U | 0.0015 U | 25 | 0.0002 U | 5.13 | 0.0002 U | 0.00379 | 0.00737 |

Data qualifiers are defined in Table D-1.
-- Sample not analyzed
Results in bold typeface exceed the MCL.

Appendix D
Vashon-Maury Island
2001-2004 Monitoring Data
Table D-4
Metals

| Well ID | Sample Date | MOLYBDENUM mg/l | NICKEL mg/l | POTASSIUM mg/l | SELENIUM mg/l | SILICA mg/l | SILVER mg/l | SODIUM mg/l | THALLIUM mg/l | VANADIUM mg/l | ZINC mg/l |
|-----------|-------------|--------------------|----------------|-------------------|------------------|----------------|----------------|----------------|------------------|------------------|--------------|
| VAS_w-06 | 12/3/2001 | 0.0005 U | 0.00043 J | 2 U | 0.0015 U | 30 | 0.0002 U | 4.68 | 0.0002 U | -- | 0.00374 |
| VAS_w-06 | 6/11/2002 | 0.0005 U | 0.00043 J | 2 U | 0.0015 U | 23 | 0.0002 U | 4.92 | 0.0002 U | 0.00274 | 0.0029 |
| VAS_w-06 | 10/14/2002 | 0.0005 U | 0.00054 J | 2 U | 0.0015 U | 9.5 | 0.0002 U | 4.82 | 0.0002 U | 0.00317 | 0.00344 |
| VAS_w-06 | 6/11/2003 | 0.0005 U | 0.00046 J | 2 U | 0.0015 U | 27.9 | 0.0002 U | 4.8 | 0.0002 U | 0.0031 | 0.00433 |
| VAS_w-06 | 11/19/2003 | 0.0005 U | 0.00041 J | 2 U | 0.0015 U | 26.8 | 0.0002 U | 4.99 | 0.0002 U | 0.00297 | 0.00362 |
| VAS_w-06 | 5/27/2004 | 0.0005 U | 0.00041 J | 2 U | 0.0015 U | 26.1 | 0.0002 U | 4.93 | 0.0002 U | 0.00314 | 0.00254 |
| VAS_w-07 | 11/30/1989 | -- | -- | 6 | 0.001 U | 30 | 0.01 U | 43 | -- | -- | 0.226 |
| VAS_w-07 | 4/18/1990 | -- | -- | 3.7 | 0.001 U | 28 | 0.01 U | 25 | -- | -- | 0.11 |
| VAS_w-07 | 10/24/1990 | -- | -- | 1.8 | 0.001 U | 30 | 0.01 U | 7 | -- | -- | 0.02 |
| VAS_w-07 | 1/17/2001 | 0.00542 | 0.00235 | 5.7 J | 0.0015 U | 37 | 0.0002 U | 21.7 | 0.0002 U | 0.0011 J | 2.47 |
| VAS_w-07 | 1/17/2001 | 0.00584 | 0.00041 J | 5.9 J | 0.0015 U | 37 | 0.0002 U | 22.7 | 0.0002 U | 0.0003 U | 0.0261 |
| VAS_w-07 | 11/27/2001 | 0.00512 | 0.00257 | 4.9 J | 0.0015 U | 41 | 0.0002 U | 22.6 | 0.0002 U | 0.0011 J | 1.45 |
| VAS_w-07 | 11/27/2001 | 0.00524 | 0.00201 | 4.8 J | 0.0015 U | 38 | 0.0002 U | 21.6 | 0.0002 U | 0.00072 J | 1.18 |
| VAS_w-07 | 6/6/2002 | 0.00518 | 0.00092 J | 4.9 J | 0.0015 U | 37 | 0.0002 U | 22.9 | 0.0002 U | 0.0003 U | 0.0968 |
| VAS_w-07 | 10/1/2002 | 0.00574 | 0.0009 J | 5.4 J | 0.0015 U | 24 | 0.0002 U | 23.8 | 0.0002 U | 0.0003 J | 0.0296 |
| VAS_w-07 | 6/4/2003 | 0.00541 | 0.00053 J | 4.7 J | 0.0015 U | 38.3 | 0.0002 U | 21.1 | 0.0002 U | 0.0003 U | 0.0258 |
| VAS_w-07 | 11/13/2003 | 0.00538 | 0.00093 J | 5 J | 0.0015 U | 37.3 | 0.0002 U | 21.4 | 0.0002 U | 0.00041 J | 0.982 |
| VAS_w-07 | 6/2/2004 | 0.00585 | 0.00065 J | 5.4 J | 0.0015 U | 38.3 | 0.0002 U | 21 | 0.0002 U | 0.00036 J | 0.0134 |
| VAS_w-08 | 11/30/1989 | -- | -- | 7.6 | 0.001 U | 34 | 0.01 U | 39 | -- | -- | 0.028 |
| VAS_w-08 | 11/30/1989 | -- | -- | 7.8 | 0.001 U | 34 | 0.01 U | 39 | -- | -- | 0.024 |
| VAS_w-08 | 4/18/1990 | -- | -- | 6.3 | 0.001 U | 32 | 0.01 U | 45 | -- | -- | 0.07 |
| VAS_w-08 | 10/23/1990 | -- | -- | 3.7 | 0.001 U | 25 | 0.01 U | 8.2 | -- | -- | 0.02 U |
| VAS_w-08 | 1/17/2001 | 0.00952 | 0.0006 J | 8 J | 0.0015 U | 41 | 0.0002 U | 40.4 | 0.0002 U | 0.0003 U | 0.00623 |
| VAS_w-08 | 4/10/2001 | -- | -- | 7.3 J | 0.0015 U | 50 | 0.0002 U | 36.2 | -- | -- | 0.0136 |
| VAS_w-08 | 11/27/2001 | 0.00974 | 0.0012 J | 7.3 J | 0.0015 U | 43 | 0.0002 U | 37.6 | 0.0002 U | 0.0003 U | 0.0118 |
| VAS_w-08 | 6/6/2002 | 0.00998 | 0.0011 J | 7.3 J | 0.0015 U | 40 | 0.0002 U | 42.9 | 0.0002 U | 0.0003 U | 0.00437 |
| VAS_w-08 | 10/1/2002 | 0.00981 | 0.0013 J | 8.1 J | 0.0015 U | 25 | 0.0002 U | 41.2 | 0.0002 U | 0.0003 U | 0.00818 |
| VAS_w-08 | 6/10/2003 | 0.0097 | 0.00178 | 7.5 J | 0.0015 U | 40.1 | 0.0002 U | 40.3 | 0.0002 U | 0.00071 J | 0.0181 |
| VAS_w-08 | 11/18/2003 | 0.00909 | 0.00096 J | 7.7 J | 0.0015 U | 41.6 | 0.0002 U | 39.1 | 0.0002 U | 0.0003 U | 0.0176 |
| VAS_w-08 | 6/2/2004 | 0.011 | 0.00083 J | 8.3 J | 0.0015 U | 41 | 0.0002 U | 42 | 0.0002 U | 0.0003 U | 0.00996 |
| VAS_w-09a | 10/2/2002 | 0.0012 J | 0.00643 | 2.1 J | 0.0015 U | 24 | 0.0002 U | 7.95 | 0.0002 U | 0.00325 | 0.0611 |
| VAS_w-09a | 10/2/2002 | 0.0012 J | 0.00638 | 2.2 J | 0.0015 U | 23 | 0.0002 U | 8.35 | 0.0002 U | 0.00319 | 0.0589 |
| VAS_w-09a | 6/5/2003 | 0.001 J | 0.00036 J | 2 U | 0.0015 U | 38.5 | 0.0002 U | 7.53 | 0.0002 U | 0.0003 U | 0.0075 |
| VAS_w-09a | 6/5/2003 | 0.0011 J | 0.00035 J | 2 U | 0.0015 U | 37.1 | 0.0002 U | 7.55 | 0.0002 U | 0.0003 U | 0.0074 |
| VAS_w-09a | 11/17/2003 | 0.001 J | 0.00039 J | 2.1 J | 0.0015 U | 35.8 | 0.0002 U | 7.64 | 0.0002 U | 0.0003 U | 0.01 |
| VAS_w-09a | 5/25/2004 | 0.0011 J | 0.00035 J | 2.4 J | 0.0015 U | 35.4 | 0.0002 U | 7.81 | 0.0002 U | 0.0003 U | 0.00906 |
| VAS_w-09a | 5/25/2004 | 0.0012 J | 0.00032 J | 2.4 J | 0.0015 U | 35.4 | 0.0002 U | 7.98 | 0.0002 U | 0.0003 U | 0.0099 |
| VAS_w-09b | 1/18/2001 | 0.0006 J | 0.0004 J | 2.7 J | 0.0015 U | 20 | 0.0002 U | 8.41 | 0.0002 U | 0.0003 U | 0.00469 |
| VAS_w-09b | 4/10/2001 | -- | -- | 2.4 J | 0.0015 U | 23 | 0.0002 U | 8.05 | -- | -- | 0.117 |
| VAS_w-09b | 11/28/2001 | 0.00052 J | 0.00047 J | 2.5 J | 0.0015 U | 20 | 0.0002 U | 8.39 | 0.0002 U | 0.00046 J | 0.055 |
| VAS_w-09b | 6/10/2002 | 0.00058 J | 0.00047 J | 2.1 J | 0.0015 U | 19 | 0.0002 U | 8.31 | 0.0002 U | 0.0003 U | 0.0435 |
| VAS_w-09b | 10/2/2002 | 0.0005 U | 0.00062 J | 2.3 J | 0.0015 U | 17 | 0.0002 U | 9.01 | 0.0002 U | 0.00036 J | 0.0113 |
| VAS_w-10a | 1/18/2001 | 0.0005 U | 0.0029 | 2.3 J | 0.0015 U | 36 | 0.0002 U | 17 | 0.0002 U | 0.0029 | 0.0032 |
| VAS_w-10a | 1/18/2001 | 0.0005 U | 0.00322 | 2.7 J | 0.0015 U | 36 | 0.0002 U | 16.9 | 0.0002 U | 0.003 | 0.0136 |
| VAS_w-10a | 10/2/2002 | 0.0005 U | 0.0032 | 2.6 J | 0.0015 U | 25 | 0.0002 U | 18.2 | 0.0002 U | 0.00299 | 0.0435 |
| VAS_w-10a | 6/5/2003 | 0.0005 U | 0.00269 | 2 U | 0.0015 U | 37.3 | 0.0002 U | 11.7 | 0.0002 U | 0.00314 | 0.0135 |
| VAS_w-10a | 11/17/2003 | 0.0005 U | 0.00264 | 2.2 J | 0.0015 U | 38.2 | 0.0002 U | 13.2 | 0.0002 U | 0.00315 | 0.00293 |
| VAS_w-10a | 5/25/2004 | 0.0005 U | 0.00322 | 2.4 J | 0.0015 U | 36.4 | 0.0002 U | 15.8 | 0.0002 U | 0.00313 | 0.0021 J |

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Appendix D
Vashon-Maury Island
2001-2004 Monitoring Data
Table D-4
Metals

| Well ID | Sample Date | MOLYBDENUM mg/l | NICKEL mg/l | POTASSIUM mg/l | SELENIUM mg/l | SILICA mg/l | SILVER mg/l | SODIUM mg/l | THALLIUM mg/l | VANADIUM mg/l | ZINC mg/l |
|-----------|-------------|--------------------|----------------|-------------------|------------------|----------------|----------------|----------------|------------------|------------------|--------------|
| VAS_w-11 | 1/24/2001 | 0.00082 J | 0.00038 J | 3.4 J | 0.0015 U | 41 | 0.0002 U | 9.36 | 0.0002 U | 0.0003 U | 0.00352 |
| VAS_w-11 | 1/24/2001 | 0.0008 J | 0.00035 J | 3.7 J | 0.0015 U | 43 | 0.0002 U | 9.45 | 0.0002 U | 0.0003 U | 0.00331 |
| VAS_w-11 | 6/3/2002 | 0.00076 J | 0.0005 J | 2.9 J | 0.0015 U | 42 | 0.0002 U | 8.89 | 0.0002 U | 0.0003 U | 0.0024 J |
| VAS_w-11 | 10/3/2002 | 0.00097 J | 0.00065 J | 3.4 J | 0.0015 U | 20 | 0.0002 U | 10.3 | 0.0002 U | 0.0003 U | 0.0016 J |
| VAS_w-11 | 6/10/2003 | 0.001 J | 0.00041 J | 2.8 J | 0.0015 U | 45.2 | 0.0002 U | 9.79 | 0.0002 U | 0.0003 U | 0.0023 J |
| VAS_w-11 | 11/18/2003 | 0.00088 J | 0.00043 J | 3.5 J | 0.0015 U | 43.3 | 0.0002 U | 9.98 | 0.0002 U | 0.0003 U | 0.0055 |
| VAS_w-11 | 5/24/2004 | 0.00094 J | 0.0013 J | 3.4 J | 0.0015 U | 41.2 | 0.0002 U | 9.45 | 0.0002 U | 0.0003 U | 0.00308 |
| VAS_w-12 | 1/18/2001 | 0.00329 | 0.0003 U | 3.6 J | 0.0015 U | 26 | 0.0002 U | 26.1 | 0.0002 U | 0.0003 U | 0.0208 |
| VAS_w-12 | 4/10/2001 | -- | -- | 3 J | 0.0015 U | 30 | 0.0002 U | 25.5 | -- | -- | 0.00998 |
| VAS_w-12 | 4/10/2001 | -- | -- | 3.1 J | 0.0015 U | 30 | 0.0002 U | 25.4 | -- | -- | 0.0133 |
| VAS_w-12 | 11/28/2001 | 0.00338 | 0.00045 J | 3.2 J | 0.0015 U | 28 | 0.0002 U | 24.7 | 0.0002 U | 0.0003 U | 0.0141 |
| VAS_w-12 | 6/10/2002 | 0.00303 | 0.00046 J | 2.9 J | 0.0015 U | 7.8 | 0.0002 U | 26.5 | 0.0002 U | 0.0003 U | 0.0643 |
| VAS_w-12 | 10/2/2002 | 0.00337 | 0.00064 J | 3.5 J | 0.0015 U | 21 | 0.0002 U | 27.3 | 0.0002 U | 0.0003 U | 0.0021 J |
| VAS_w-12 | 6/5/2003 | 0.00314 | 0.00032 J | 3.2 J | 0.0015 U | 28.5 | 0.0002 U | 26 | 0.0002 U | 0.0003 U | 0.00364 |
| VAS_w-12 | 11/17/2003 | 0.00341 | 0.00188 | 3.5 J | 0.0015 U | 28 | 0.0002 U | 25.3 | 0.0002 U | 0.0003 U | 0.163 |
| VAS_w-12 | 11/17/2003 | 0.00304 | 0.0011 J | 3.4 J | 0.0015 U | 27.9 | 0.0002 U | 26.5 | 0.0002 U | 0.0003 U | 0.161 |
| VAS_w-12 | 5/24/2004 | 0.00347 | 0.00036 J | 3.4 J | 0.0015 U | 27.6 | 0.0002 U | 25.6 | 0.0002 U | 0.0003 U | 0.0018 J |
| VAS_w-13 | 1/17/2001 | 0.0005 U | 0.0014 J | 2.9 J | 0.0015 U | 30 | 0.0002 U | 6.73 | 0.0002 U | 0.00463 | 0.00319 |
| VAS_w-13 | 12/4/2001 | 0.0005 U | 0.0013 J | 2 U | 0.0015 U | 35 | 0.0002 U | 6.55 | 0.0002 U | 0.00434 | 0.00073 J |
| VAS_w-13 | 6/11/2002 | 0.0005 U | 0.0011 J | 2 U | 0.0015 U | 25 | 0.0002 U | 6.89 | 0.0002 U | 0.00371 | 0.0162 |
| VAS_w-13 | 6/11/2002 | 0.0005 U | 0.001 J | 2 U | 0.0015 U | 25 | 0.0002 U | 6.55 | 0.0002 U | 0.00355 | 0.0155 |
| VAS_w-13 | 10/14/2002 | 0.0005 U | 0.0013 J | 2 U | 0.0015 U | 11 | 0.0002 U | 6.22 | 0.0002 U | 0.00461 | 0.00482 |
| VAS_w-13 | 6/4/2003 | 0.0005 U | 0.0012 J | 2 U | 0.0015 U | 31.5 | 0.0002 U | 6.45 | 0.0002 U | 0.00476 | 0.00739 |
| VAS_w-13 | 11/13/2003 | 0.0005 U | 0.0012 J | 2 U | 0.0015 U | 29.9 | 0.0002 U | 6.29 | 0.0002 U | 0.00484 | 0.00533 |
| VAS_w-13 | 6/2/2004 | 0.0005 U | 0.0012 J | 2.2 J | 0.0015 U | 31.5 | 0.0002 U | 6.21 | 0.0002 U | 0.00496 | 0.00828 |
| VAS_w-14 | 1/22/2001 | 0.0005 U | 0.0003 U | 2 U | 0.0015 U | 29 | 0.0002 U | 6.34 | 0.0002 U | 0.00276 | 0.115 |
| VAS_w-14 | 11/29/2001 | 0.0005 U | 0.0003 U | 2 U | 0.0015 U | 28 | 0.0002 U | 6.07 | 0.0002 U | 0.00292 | 0.224 |
| VAS_w-14 | 6/3/2002 | 0.0005 U | 0.00032 J | 2 U | 0.0015 U | 28 | 0.0002 U | 6.16 | 0.0002 U | 0.00261 | 0.344 |
| VAS_w-14 | 10/3/2002 | 0.0005 U | 0.00039 J | 2 U | 0.0015 U | 20 | 0.0002 U | 6.27 | 0.0002 U | 0.00308 | 0.245 |
| VAS_w-14 | 6/10/2003 | 0.0005 U | 0.0003 U | 2 U | 0.0015 U | 32.7 | 0.0002 U | 6.02 | 0.0002 U | 0.00294 | 0.098 |
| VAS_w-14 | 11/18/2003 | 0.0005 U | 0.0003 U | 2 U | 0.0015 U | 31.1 | 0.0002 U | 6.1 | 0.0002 U | 0.00281 | 0.0845 |
| VAS_w-14 | 6/1/2004 | 0.0005 U | 0.0003 J | 2 U | 0.0015 U | 30.3 | 0.0002 U | 6.29 | 0.0002 U | 0.00311 | 0.294 |
| VAS_w-15 | 1/22/2001 | 0.0005 U | 0.00045 J | 2 U | 0.0015 U | 29 | 0.0002 U | 5.79 | 0.0002 U | 0.00077 J | 0.0642 |
| VAS_w-15 | 1/22/2001 | 0.0005 U | 0.00043 J | 2 U | 0.0015 U | 30 | 0.0002 U | 5.68 | 0.0002 U | 0.0008 J | 0.0527 |
| VAS_w-15 | 11/29/2001 | 0.0005 U | 0.00042 J | 2 U | 0.0015 U | 32 | 0.0002 U | 5.42 | 0.0002 U | 0.00072 J | 0.0454 |
| VAS_w-15 | 6/10/2002 | 0.0005 U | 0.00043 J | 2 U | 0.0015 U | 24 | 0.0002 U | 5.68 | 0.0002 U | 0.00068 J | 0.0356 |
| VAS_w-15 | 10/3/2002 | 0.0005 U | 0.00052 J | 2 U | 0.0015 U | 19 | 0.0002 U | 5.82 | 0.0002 U | 0.00082 J | 0.0504 |
| VAS_w-15 | 6/5/2003 | 0.0005 U | 0.00042 J | 2 U | 0.0015 U | 32.7 | 0.0002 U | 5.59 | 0.0002 U | 0.00092 J | 0.0521 |
| VAS_w-15 | 11/17/2003 | 0.0005 U | 0.0006 J | 2 U | 0.0015 U | 32.2 | 0.0002 U | 5.64 | 0.0002 U | 0.001 J | 0.317 |
| VAS_w-15 | 6/1/2004 | 0.0005 U | 0.0003 U | 2 U | 0.0015 U | 31 | 0.0002 U | 33.3 | 0.0002 U | 0.00074 J | 0.00489 |
| VAS_w-15 | 6/1/2004 | 0.0005 U | 0.0003 U | 2 U | 0.0015 U | 31.1 | 0.0002 U | 33.8 | 0.0002 U | 0.00076 J | 0.00516 |
| VAS_w-16a | 1/24/2001 | 0.0005 U | 0.00068 J | 2 U | 0.0015 U | 26 | 0.0002 U | 7.28 | 0.0002 U | 0.00347 | 0.0194 |
| VAS_w-16a | 11/29/2001 | 0.0005 U | 0.0007 J | 2 U | 0.0015 U | 27 | 0.0002 U | 6.65 | 0.0002 U | 0.00321 | 0.022 |
| VAS_w-16a | 6/10/2002 | 0.0005 U | 0.00078 J | 2 U | 0.0015 U | 28 | 0.0002 U | 6.87 | 0.0002 U | 0.00345 | 0.0511 |
| VAS_w-16a | 10/3/2002 | 0.0005 U | 0.00088 J | 2 U | 0.0015 U | 17 | 0.0002 U | 7.58 | 0.0002 U | 0.00336 | 0.0243 |
| VAS_w-16a | 6/10/2003 | 0.0005 U | 0.00074 J | 2 U | 0.0015 U | 27.7 | 0.0002 U | 6.77 | 0.0002 U | 0.00373 | 0.0185 |
| VAS_w-16a | 11/18/2003 | 0.0005 U | 0.00067 J | 2 U | 0.0015 U | 27.9 | 0.0002 U | 6.63 | 0.0002 U | 0.00365 | 0.00869 |
| VAS_w-16a | 5/27/2004 | 0.0005 U | 0.00072 J | 2 U | 0.0015 U | 27.3 | 0.0002 U | 6.63 | 0.0002 U | 0.00377 | 0.0123 |

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Vashon-Maury Island
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Metals

| Well ID | Sample Date | MOLYBDENUM mg/l | NICKEL mg/l | POTASSIUM mg/l | SELENIUM mg/l | SILICA mg/l | SILVER mg/l | SODIUM mg/l | THALLIUM mg/l | VANADIUM mg/l | ZINC mg/l |
|----------|-------------|--------------------|----------------|-------------------|------------------|----------------|----------------|----------------|------------------|------------------|--------------|
| VAS_w-17 | 1/22/2001 | 0.0005 U | 0.0012 J | 2 U | 0.0015 U | 30 | 0.0002 U | 6.58 | 0.0002 U | 0.00157 | 0.0362 |
| VAS_w-17 | 11/29/2001 | 0.0005 U | 0.0013 J | 2 U | 0.0015 U | 31 | 0.0002 U | 6.42 | 0.0002 U | 0.0014 J | 0.028 |
| VAS_w-17 | 6/3/2002 | 0.0005 U | 0.0012 J | 2 U | 0.0015 U | 30 | 0.0002 U | 6.64 | 0.0002 U | 0.0013 J | 0.0248 |
| VAS_w-17 | 10/7/2002 | 0.0005 U | 0.00156 | 2 U | 0.0015 U | 26 | 0.0002 U | 6.87 | 0.0002 U | 0.00172 | 0.172 |
| VAS_w-17 | 6/11/2003 | 0.0005 U | 0.0013 J | 2 U | 0.0015 U | 32 | 0.0002 U | 6.48 | 0.0002 U | 0.00162 | 0.0117 |
| VAS_w-17 | 11/19/2003 | 0.0005 U | 0.0012 J | 2 U | 0.0015 U | 30.8 | 0.0002 U | 6.24 | 0.0002 U | 0.00161 | 0.00387 |
| VAS_w-17 | 5/27/2004 | 0.0005 U | 0.0014 J | 2 U | 0.0015 U | 31.5 | 0.0002 U | 6.65 | 0.0002 U | 0.00171 | 0.0102 |
| VAS_w-18 | 2/28/2001 | -- | -- | 2 U | 0.0015 U | 33 | 0.0002 U | 7.09 | -- | -- | 0.0691 |
| VAS_w-18 | 2/28/2001 | -- | -- | 2 U | 0.0015 U | 32 | 0.0002 U | 7.21 | -- | -- | 0.0714 |
| VAS_w-18 | 12/3/2001 | 0.0005 U | 0.0011 J | 2.2 J | 0.0015 U | 67 | 0.0002 U | 6.65 | 0.0002 U | -- | 0.0825 |
| VAS_w-18 | 6/11/2002 | 0.0005 U | 0.00098 J | 2 U | 0.0015 U | 49 | 0.0002 U | 7.02 | 0.0002 U | 0.00192 | 0.369 |
| VAS_w-18 | 10/7/2002 | 0.0005 U | 0.0012 J | 2.1 J | 0.0015 U | 51 | 0.0002 U | 7.49 | 0.0002 U | 0.0012 J | 0.0368 |
| VAS_w-18 | 6/11/2003 | 0.0005 U | 0.00065 J | 2 U | 0.0015 U | 55 | 0.0002 U | 6.86 | 0.0002 U | 0.0012 J | 0.0339 |
| VAS_w-18 | 6/11/2003 | 0.0005 U | 0.00064 J | 2 U | 0.0015 U | 54.3 | 0.0002 U | 6.76 | 0.0002 U | 0.0014 J | 0.0766 |
| VAS_w-18 | 11/19/2003 | 0.0005 U | 0.00077 J | 2 U | 0.0015 U | 51.8 | 0.0002 U | 7.02 | 0.0002 U | 0.0011 J | 0.0272 |
| VAS_w-18 | 5/26/2004 | 0.0005 U | 0.00055 J | 2 U | 0.0015 U | 51.4 | 0.0002 U | 6.89 | 0.0002 U | 0.0012 J | 0.0313 |
| VAS_w-19 | 11/30/1989 | -- | -- | 2 | 0.001 U | 28 | 0.01 U | 5 | -- | -- | 0.074 |
| VAS_w-19 | 4/20/1990 | -- | -- | 1.1 | 0.001 U | 22 | 0.01 U | 5.2 | -- | -- | 0.09 |
| VAS_w-19 | 10/26/1990 | -- | -- | 0.86 | 0.001 U | 21 | 0.01 U | 5.6 | -- | -- | 0.07 |
| VAS_w-19 | 10/26/1990 | -- | -- | 0.85 | 0.001 U | 21 | 0.01 U | 5.4 | -- | -- | 0.07 |
| VAS_w-19 | 1/23/2001 | 0.0005 U | 0.00081 J | 2 U | 0.0015 U | 26 | 0.0002 U | 4.76 | 0.0002 U | 0.00167 | 0.0168 |
| VAS_w-19 | 1/23/2001 | 0.0005 U | 0.00085 J | 2 U | 0.0015 U | 28 | 0.0002 U | 4.87 | 0.0002 U | 0.0017 | 0.0185 |
| VAS_w-19 | 6/3/2002 | 0.0005 U | 0.00083 J | 2 U | 0.0015 U | 29 | 0.0002 U | 4.77 | 0.0002 U | 0.0014 J | 0.0431 |
| VAS_w-19 | 10/7/2002 | 0.0005 U | 0.001 J | 2 U | 0.0015 U | 25 | 0.0002 U | 5.04 | 0.0002 U | 0.00172 | 0.0939 |
| VAS_w-19 | 6/11/2003 | 0.0005 U | 0.00087 J | 2 U | 0.0015 U | 30.1 | 0.0002 U | 4.54 | 0.0002 U | 0.00174 | 0.0831 |
| VAS_w-19 | 11/19/2003 | 0.0005 U | 0.00094 J | 2 U | 0.0015 U | 29.1 | 0.0002 U | 4.85 | 0.0002 U | 0.00176 | 0.128 |
| VAS_w-19 | 5/26/2004 | 0.0005 U | 0.0009 J | 2 U | 0.0015 U | 27.9 | 0.0002 U | 4.93 | 0.0002 U | 0.00173 | 0.108 |
| VAS_w-20 | 1/23/2001 | 0.0005 U | 0.00038 J | 2 U | 0.0015 U | 24 | 0.0002 U | 5.26 | 0.0002 U | 0.0026 | 0.0785 |
| VAS_w-20 | 4/10/2001 | -- | -- | 2 U | 0.0015 U | 28 | 0.0002 U | 4.96 | -- | -- | 0.0745 |
| VAS_w-20 | 12/3/2001 | 0.0005 U | 0.00043 J | 2 U | 0.0015 U | 27 | 0.0002 U | 4.74 | 0.0002 U | -- | 0.0604 |
| VAS_w-20 | 6/11/2002 | 0.0005 U | 0.0005 J | 2 U | 0.0015 U | 27 | 0.0002 U | 5.21 | 0.0002 U | 0.00224 | 0.0714 |
| VAS_w-20 | 10/7/2002 | 0.0005 U | 0.0005 J | 2 U | 0.0015 U | 22 | 0.0002 U | 5.41 | 0.0002 U | 0.00254 | 0.0669 |
| VAS_w-20 | 6/4/2003 | 0.0005 U | 0.00045 J | 2 U | 0.0015 U | 24.7 | 0.0002 U | 5.09 | 0.0002 U | 0.00263 | 0.0508 |
| VAS_w-20 | 11/13/2003 | 0.0005 U | 0.00043 J | 2 U | 0.0015 U | 24.9 | 0.0002 U | 5.4 | 0.0002 U | 0.00252 | 0.0219 |
| VAS_w-20 | 11/13/2003 | 0.0005 U | 0.00044 J | 2 U | 0.0015 U | 25.1 | 0.0002 U | 5.36 | 0.0002 U | 0.00255 | 0.0254 |
| VAS_w-20 | 5/27/2004 | 0.0005 U | 0.00042 J | 2 U | 0.0015 U | 25.1 | 0.0002 U | 5.23 | 0.0002 U | 0.00256 | 0.0589 |
| VAS_w-21 | 1/16/2001 | 0.00058 J | 0.0014 J | 3.3 J | 0.0015 U | 32 | 0.0002 U | 7.02 | 0.0002 U | 0.0003 U | 0.0101 |
| VAS_w-21 | 11/26/2001 | 0.00056 J | 0.00042 J | 2.7 J | 0.0015 U | 34 | 0.0002 U | 7.2 | 0.0002 U | 0.0003 U | 0.00081 J |
| VAS_w-21 | 6/5/2002 | 0.00053 J | 0.00043 J | 2.4 J | 0.0015 U | 34 | 0.0002 U | 7.25 | 0.0002 U | 0.00036 J | 0.001 J |
| VAS_w-21 | 9/30/2002 | 0.0006 J | 0.00062 J | 2.7 J | 0.0015 U | 21 | 0.0002 U | 7.26 | 0.0002 U | 0.00062 J | 0.00059 J |
| VAS_w-21 | 9/30/2002 | 0.00056 J | 0.00056 J | 2.8 J | 0.0015 U | 24 | 0.0002 U | 7.3 | 0.0002 U | 0.00043 J | 0.0005 U |
| VAS_w-21 | 6/3/2003 | 0.0005 J | 0.00052 J | 2.8 J | 0.0015 U | 34.2 | 0.0002 U | 7.21 | 0.0002 U | 0.0003 U | 0.0016 J |
| VAS_w-21 | 11/12/2003 | 0.00052 J | 0.00037 J | 2.9 J | 0.0015 U | 33.3 | 0.0002 U | 6.95 | 0.0002 U | 0.00055 J | 0.00069 J |
| VAS_w-21 | 6/2/2004 | 0.00061 J | 0.00033 J | 3 J | 0.0015 U | 34.2 | 0.0002 U | 7.07 | 0.0002 U | 0.00041 J | 0.0012 J |

Data qualifiers are defined in Table D-1.
-- Sample not analyzed
Results in bold typeface exceed the MCL.

Appendix D
Vashon-Maury Island
2001-2004 Monitoring Data
Table D-5
Conventional Water Quality and Microbiological Parameters

| Well ID | Sample Date | ALKALINITY, TOTAL mg/l | HARDNESS mg/l | CHLORIDE mg/l | COLIFORMS, TOTAL CFU/100 ml | COLIFORMS FECAL CFU/100 ml | CYANIDE mg/l | FLUORIDE mg/l | AMMONIA AS N mg/l | NITRATE AS N mg/l | NITRITE AS N mg/l | NITRATE + NITRITE AS N mg/l | PHOSPHORUS TOTAL mg/l | SULFATE mg/l | TOTAL DISSOLVED SOLIDS mg/l | TOTAL ORGANIC HALIDES ug/l |
|-----------|-------------|------------------------|---------------|---------------|-----------------------------|----------------------------|--------------|---------------|-------------------|-------------------|-------------------|-----------------------------|-----------------------|--------------|-----------------------------|----------------------------|
| VAS_s-02 | 11/30/1989 | 88 | 93 | 7.6 | 2 U | 2 U | -- | 0.2 U | -- | 0.2 U | 0.5 U | -- | -- | 12 | 148 | 10 U |
| VAS_s-02 | 4/16/1990 | 92 | 98 | 4.3 | 2 | 1 U | -- | 0.2 U | -- | 1.2 | 0.5 U | -- | -- | 13 | 140 | 5 U |
| VAS_s-02 | 10/22/1990 | 86 | 76 | 2.7 | 13 | 1 U | -- | 0.2 U | -- | 1.1 | 0.5 U | -- | -- | 12 | 290 | -- |
| VAS_s-02 | 10/22/1990 | 90 | 91 | 3.1 | 45 | 1 U | -- | 0.2 U | -- | 1.4 | 0.5 U | -- | -- | 14 | 280 | -- |
| VAS_s-02 | 10/26/1990 | -- | -- | -- | 21 | 2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| VAS_s-02 | 10/26/1990 | -- | -- | -- | 15 | 1 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| VAS_s-02 | 1/23/2001 | 93.8 | 116 | 9.3 | 5 | 0 U | -- | 0.03 | -- | 2.01 | 0.02 U | -- | -- | 17 | 158 | 10 U |
| VAS_s-02 | 11/27/2001 | 91.7 | 107 | 10.4 | 1 | 0 U | -- | 0.05 | -- | 2.08 | 0.02 U | -- | -- | 14.2 | 154 | -- |
| VAS_s-02 | 6/6/2002 | 90.9 | -- | 9.89 | -- | -- | 0.005 U | 0.12 EJ | -- | -- | -- | 1.93 | 0.038 | 13.5 | 191 | -- |
| VAS_s-02 | 10/1/2002 | -- | -- | 9.92 | -- | -- | -- | 0.2 | 0.01 U | -- | -- | 1.96 | 0.0685 | 12.7 | 166 | -- |
| VAS_s-02 | 6/4/2003 | 88.1 | -- | 10.3 | -- | -- | -- | 0.0414 | 0.01 U | -- | -- | 1.73 | 0.0363 | 13 | 167 | -- |
| VAS_s-03 | 11/30/1989 | 68 | 81 | 8.3 | 2 U | 2 U | -- | 0.2 U | -- | 0.2 U | 0.5 U | -- | -- | 20 | 123 | 10 U |
| VAS_s-03 | 4/18/1990 | 82 | 79 | 5.3 | 1 U | 1 U | -- | 0.2 U | -- | 2.8 | 0.5 U | -- | -- | 19 | 140 | 5 U |
| VAS_s-03 | 4/18/1990 | 66 | 79 | 5.4 | 1 U | 1 U | -- | 0.2 U | -- | 2.9 | 0.5 U | -- | -- | 20 | 170 | 5 U |
| VAS_s-03 | 10/24/1990 | 150 | 93 | 2.5 | 1 U | 1 U | -- | 0.2 U | -- | 0.2 U | 0.5 U | -- | -- | 3.8 | 250 | -- |
| VAS_s-03 | 1/17/2001 | 70.2 | 92.9 | 5.4 | 2 | 0 U | -- | 0.05 | -- | 2.43 | 0.02 U | -- | -- | 22 | 149 | 10 U |
| VAS_s-03 | 11/27/2001 | 68.8 | 85.8 | 6.37 | 0 U | 0 U | -- | 0.08 | -- | 2.44 | 0.02 U | -- | -- | 17.7 | 147 | -- |
| VAS_s-03 | 6/6/2002 | 68.7 | -- | 6.29 | -- | -- | 0.005 U | 0.13 EJ | -- | -- | -- | 2.07 | 0.044 | 17.2 | 186 | -- |
| VAS_s-03 | 10/1/2002 | -- | -- | 6.11 | -- | -- | -- | 0.24 | 0.01 U | -- | -- | 1.54 | 0.0678 | 16.8 | 151 | -- |
| VAS_s-03 | 6/4/2003 | 66.4 | -- | 6.39 | -- | -- | -- | 0.0717 | 0.01 U | -- | -- | 1.81 | 0.0429 | 16.5 | 158 | -- |
| VAS_s-03 | 11/13/2003 | 66.2 | -- | 6.36 | -- | -- | -- | 0.073 | 0.01 U | -- | -- | 1.71 | 0.0481 | 16.1 | 146 | -- |
| VAS_s-03 | 6/2/2004 | 62.7 | -- | 6.2 | -- | -- | -- | 0.0782 | 0.01 U | -- | -- | 2.14 | 0.0582 | 14.8 | 143 | -- |
| VAS_w-02a | 1/16/2001 | 84.3 | 96.5 | 3 | 0 U | 0 U | -- | 0.07 | -- | 0.863 | 0.02 U | -- | -- | 23 | 144 | 10 U |
| VAS_w-02a | 11/26/2001 | 81 | 90.9 | 3.77 | 0 U | 0 U | -- | 0.08 | -- | 0.619 | 0.02 U | -- | -- | 19.6 | 142 | -- |
| VAS_w-02a | 6/5/2002 | 86.4 | -- | 3.78 | -- | -- | 0.005 U | 0.16 EJ | -- | -- | -- | 0.222 | 0.125 | 20 | 176 | -- |
| VAS_w-02a | 6/5/2002 | 87.2 | -- | 3.68 | -- | -- | 0.005 U | 0.23 EJ | -- | -- | -- | 0.22 | 0.12 | 20.3 | 197 | -- |
| VAS_w-02a | 9/30/2002 | -- | -- | 3.71 | -- | -- | -- | 0.36 | 0.01 U | -- | -- | 0.565 | 0.136 | 19 | 146 | -- |
| VAS_w-02a | 6/3/2003 | 78.9 | -- | 3.47 | -- | -- | -- | 0.0834 | 0.01 U | -- | -- | 1.96 | 0.127 | 14.4 | 149 | -- |
| VAS_w-02a | 11/12/2003 | 76 | -- | 3.64 | -- | -- | -- | 0.0675 | 0.012 J | -- | -- | 1.72 | 0.118 | 16.8 | 150 | -- |
| VAS_w-02a | 6/1/2004 | 77.4 | -- | 4.02 | -- | -- | -- | 0.0764 | 0.01 U | -- | -- | 1.96 | 0.125 | 15.4 | 133 | -- |
| VAS_w-03 | 11/30/1989 | 182 | 140 | 14 | 2 U | 2 U | -- | 0.2 U | -- | 0.2 U | 0.5 U | -- | -- | 13 | 224 | 10 U |
| VAS_w-03 | 4/18/1990 | 178 | 121 | 6.4 | 1 U | 1 U | -- | 0.2 U | -- | 0.2 U | 0.5 U | -- | -- | 14 | 365 | 5 U |
| VAS_w-03 | 10/24/1990 | 88 | 85 | 2.9 | 1 U | 1 U | -- | 0.2 U | -- | 0.2 U | 0.5 U | -- | -- | 11 | 170 | -- |
| VAS_w-03 | 1/22/2001 | 187 | 148 | 7.6 | 0 U | 0 U | -- | 0.11 | -- | 0.332 | 0.02 U | -- | -- | 18 | 229 | 10 U |
| VAS_w-03 | 11/26/2001 | 183 | 137 | 7.7 | 22 | 0 U | -- | 0.12 | -- | 0.345 | 0.02 U | -- | -- | 14.8 | 226 | -- |
| VAS_w-03 | 6/5/2002 | 186 | -- | 7.29 | 12 | 0 U | 0.005 U | 0.31 EJ | -- | -- | -- | 0.348 | 0.0159 | 14.2 | 273 | -- |
| VAS_w-03 | 9/30/2002 | -- | -- | 7.56 | -- | -- | -- | 0.34 | 0.01 U | -- | -- | 0.347 | 0.0389 | 13.9 | 239 | -- |
| VAS_w-03 | 6/3/2003 | 186 | -- | 7.35 | -- | -- | -- | 0.138 | 0.01 U | -- | -- | 0.36 | 0.0136 | 13.8 | 234 | -- |
| VAS_w-03 | 11/12/2003 | 187 | -- | 7.64 | 0 | -- | -- | 0.129 | 0.01 U | -- | -- | 0.322 | 0.017 | 14 | 286 | -- |
| VAS_w-03 | 5/24/2004 | 182 | -- | 7.96 | -- | -- | -- | 0.127 | 0.01 U | -- | -- | 0.44 | 0.0223 | 13.9 | 222 | -- |
| VAS_w-04 | 1/16/2001 | 214 | 82.8 | 3 | 0 U | 0 U | -- | 0.07 | -- | 0.02 U | 0.02 U | -- | -- | 1 U | 238 | 10 U |
| VAS_w-04 | 1/16/2001 | 213 | 81.9 | 2.7 | 0 U | 0 U | -- | 0.08 | -- | 0.02 U | 0.02 U | -- | -- | 1 U | 233 | 10 U |
| VAS_w-04 | 11/26/2001 | 207 | 84 | 3.77 | 0 U | 0 U | -- | 0.09 | -- | 0.02 U | 0.02 U | -- | -- | 0.1 U | 256 | -- |
| VAS_w-04 | 11/26/2001 | 208 | 81.5 | 3.68 | 0 U | 0 U | -- | 0.1 | -- | 0.02 U | 0.02 U | -- | -- | 0.1 U | 260 | -- |
| VAS_w-04 | 6/5/2002 | 212 | -- | 3.69 | -- | -- | 0.005 U | 0.22 EJ | -- | -- | -- | 0.02 U | 0.402 | 0.1 U | 310 | -- |
| VAS_w-04 | 9/30/2002 | -- | -- | 3.84 | -- | -- | -- | 0.35 | 1.06 | -- | -- | 0.02 U | 0.536 | 0.1 U | 274 | -- |
| VAS_w-04 | 6/3/2003 | 212 | -- | 3.69 | -- | -- | -- | 0.0935 | 1.07 | -- | -- | 0.02 U | 0.485 | 0.1 U | 278 | -- |
| VAS_w-04 | 11/12/2003 | 204 | -- | 3.73 | -- | -- | -- | 0.0911 | 0.916 | -- | -- | 0.02 U | 0.487 | 0.1 U | 284 | -- |
| VAS_w-04 | 5/24/2004 | 212 | -- | 3.67 | -- | -- | -- | 0.0804 | 0.791 | -- | -- | 0.02 U | 0.483 | 0.1 U | 250 | -- |
| VAS_w-06 | 1/24/2001 | 54.9 | 61.8 | 2.7 | 0 U | 0 U | -- | 0.03 | -- | 0.945 | 0.02 U | -- | -- | 10 | 119 | 10 U |
| VAS_w-06 | 12/3/2001 | 50.8 | 53.4 | 2.92 | 0 U | 0 U | -- | 0.04 | -- | 1.01 | 0.02 U | -- | -- | 8.84 | 96 | -- |
| VAS_w-06 | 6/11/2002 | 48.4 | -- | 2.86 | -- | -- | 0.005 U | 0.02 | -- | -- | -- | 1.36 | 0.0335 | 8.58 | 89 | -- |
| VAS_w-06 | 10/14/2002 | -- | -- | 3.04 | -- | -- | -- | 0.06 | 0.01 U | -- | -- | 0.991 | 0.0313 | 8.23 | 104 | -- |
| VAS_w-06 | 6/11/2003 | 47.5 | -- | 2.83 | -- | -- | -- | 0.035 J | 0.01 U | -- | -- | 1.3 | 0.0275 | 8.31 | 99 | -- |

Data qualifiers are defined in Table D-1.
-- Sample not analyzed

Appendix D
Vashon-Maury Island
2001-2004 Monitoring Data
Table D-5
Conventional Water Quality and Microbiological Parameters

| Well ID | Sample Date | ALKALINITY, TOTAL mg/l | HARDNESS mg/l | CHLORIDE mg/l | COLIFORMS, TOTAL CFU/100 ml | COLIFORMS FECAL CFU/100 ml | CYANIDE mg/l | FLUORIDE mg/l | AMMONIA AS N mg/l | NITRATE AS N mg/l | NITRITE AS N mg/l | NITRATE + NITRITE AS N mg/l | PHOSPHORUS TOTAL mg/l | SULFATE mg/l | TOTAL DISSOLVED SOLIDS mg/l | TOTAL ORGANIC HALIDES ug/l |
|-----------|-------------|------------------------|---------------|---------------|-----------------------------|----------------------------|--------------|---------------|-------------------|-------------------|-------------------|-----------------------------|-----------------------|--------------|-----------------------------|----------------------------|
| VAS_w-06 | 11/19/2003 | 49.4 | -- | 2.86 | -- | -- | -- | 0.0508 | 0.01 U | -- | -- | 1 | 0.0313 | 8.61 | 96 | -- |
| VAS_w-06 | 5/27/2004 | 48.5 | -- | 2.99 | -- | -- | -- | 0.0479 | 0.01 U | -- | -- | 1.34 | 0.0388 | 8.3 | 90 | -- |
| VAS_w-07 | 11/30/1989 | 144 | 100 | 5.2 | 2 U | 2 U | -- | 0.2 U | -- | 0.2 U | 0.5 U | -- | -- | 0.5 U | 136 | 10 U |
| VAS_w-07 | 4/18/1990 | 188 | 76 | 2.6 | 1 U | 1 U | -- | 0.2 U | -- | 0.2 U | 0.5 U | -- | -- | 3.3 | 160 | 7.8 |
| VAS_w-07 | 10/24/1990 | 66 | 88 | 3.4 | 1 U | 1 U | -- | 0.2 U | -- | 0.2 U | 0.5 U | -- | -- | 18 | 150 | -- |
| VAS_w-07 | 1/17/2001 | 134 | 89 | 2 | 0 U | 0 U | -- | 0.07 | -- | 0.02 U | 0.02 U | -- | -- | 4.6 | 173 | 10 U |
| VAS_w-07 | 1/17/2001 | 131 | 89.4 | 2.1 | 0 U | 0 U | -- | 0.07 | -- | 0.02 U | 0.02 U | -- | -- | 4.8 | 141 | 10 U |
| VAS_w-07 | 11/27/2001 | 131 | 93.1 | 2.81 | 0 U | 0 U | -- | 0.1 | -- | 0.02 U | 0.02 U | -- | -- | 4.23 | 173 | -- |
| VAS_w-07 | 11/27/2001 | 132 | 88.6 | 2.78 | 0 U | 0 U | -- | 0.1 | -- | 0.02 U | 0.02 U | -- | -- | 4.21 | 166 | -- |
| VAS_w-07 | 6/6/2002 | 135 | -- | 2.62 | -- | -- | 0.005 U | 0.21 EJ | -- | -- | -- | 0.02 U | 0.269 | 4.18 | 215 | -- |
| VAS_w-07 | 10/1/2002 | -- | -- | 2.77 | -- | -- | -- | 0.28 | 0.411 | -- | -- | 0.02 U | 0.313 | 4.1 | 179 | -- |
| VAS_w-07 | 6/4/2003 | 134 | -- | 2.72 | -- | -- | -- | 0.103 | 0.42 | -- | -- | 0.02 U | 0.305 | 3.99 | 185 | -- |
| VAS_w-07 | 11/13/2003 | 134 | -- | 2.86 | -- | -- | -- | 0.106 | 0.39 | -- | -- | 0.02 U | 0.345 | 4.13 | 188 | -- |
| VAS_w-07 | 6/2/2004 | 132 | -- | 2.62 | -- | -- | -- | 0.103 | 0.406 | -- | -- | 0.02 U | 0.318 | 4.23 | 172 | -- |
| VAS_w-08 | 11/30/1989 | 269 | 170 | 13 | 2 U | 2 U | -- | 0.2 U | -- | 0.2 U | 0.5 U | -- | -- | 0.5 U | 301 | 10 U |
| VAS_w-08 | 11/30/1989 | 274 | 170 | 13 | 2 U | 2 U | -- | 0.2 U | -- | 0.2 U | 0.5 U | -- | -- | 0.5 U | 303 | 28 |
| VAS_w-08 | 4/18/1990 | 296 | 180 | 8.1 | 1 U | 1 U | -- | 0.2 U | -- | 0.2 U | 0.5 U | -- | -- | 0.5 U | 365 | 5 U |
| VAS_w-08 | 10/23/1990 | 160 | 220 | 4 | 14 | 1 U | -- | 0.2 U | -- | 2.2 | 0.5 U | -- | -- | 49 | 260 | -- |
| VAS_w-08 | 10/25/1990 | -- | -- | -- | 1 U | 1 U | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| VAS_w-08 | 1/17/2001 | 269 | 191 | 7.4 | 0 U | 0 U | -- | 0.09 | -- | 0.02 U | 0.02 U | -- | -- | 1 U | 305 | 10 U |
| VAS_w-08 | 4/10/2001 | 272 | 181 | 4.5 | 0 U | 0 U | -- | 0.09 | -- | 0.02 U | 0.02 U | -- | -- | 1 U | 306 | 10 U |
| VAS_w-08 | 11/27/2001 | 267 | 191 | 8.69 | 0 U | 0 U | -- | 0.1 | -- | 0.02 U | 0.02 U | -- | -- | 0.1 U | 302 | -- |
| VAS_w-08 | 6/6/2002 | 287 | -- | 8.79 | -- | -- | 0.005 U | 0.24 EJ | -- | -- | -- | 0.02 U | 0.318 | 0.1 U | 368 | -- |
| VAS_w-08 | 10/1/2002 | -- | -- | 8.58 | -- | -- | -- | 0.3 | 0.521 | -- | -- | 0.02 U | 0.375 | 0.1 U | 326 | -- |
| VAS_w-08 | 6/10/2003 | 283 | -- | 8.65 | -- | -- | -- | 0.116 | 0.557 | -- | -- | 0.02 U | 0.327 | 0.1 U | 338 | -- |
| VAS_w-08 | 11/18/2003 | 274 | -- | 8.79 | -- | -- | -- | 0.115 | 0.577 | -- | -- | 0.02 U | 0.335 | 0.34 | 335 | -- |
| VAS_w-08 | 6/2/2004 | 292 | -- | 8.75 | -- | -- | -- | 0.123 | 0.539 | -- | -- | 0.02 U | 0.377 | 0.1 U | 339 | -- |
| VAS_w-09a | 10/2/2002 | -- | -- | 4.82 | -- | -- | -- | 0.29 | 0.29 | -- | -- | 0.02 U | 0.072 | 15.2 | 150 | -- |
| VAS_w-09a | 10/2/2002 | -- | -- | 4.83 | -- | -- | -- | 0.26 | 0.298 | -- | -- | 0.02 U | 0.0698 | 15.2 | 153 | -- |
| VAS_w-09a | 6/5/2003 | 84.6 | -- | 4.75 | -- | -- | -- | 0.078 | 0.313 | -- | -- | 0.02 U | 0.0976 | 15.4 | 146 | -- |
| VAS_w-09a | 6/5/2003 | 84.9 | -- | 4.7 | -- | -- | -- | 0.0841 | 0.312 | -- | -- | 0.02 U | 0.0924 | 15.5 | 149 | -- |
| VAS_w-09a | 11/17/2003 | 83.5 | -- | 4.82 | -- | -- | -- | 0.0802 | 0.279 | -- | -- | 0.02 U | 0.0941 | 15.5 | 150 | -- |
| VAS_w-09a | 5/25/2004 | 83.6 | -- | 4.83 | -- | -- | -- | 0.0915 | 0.305 | -- | -- | 0.02 U | 0.096 | 15.5 | 145 | -- |
| VAS_w-09a | 5/25/2004 | 84 | -- | 4.73 | -- | -- | -- | 0.0892 | 0.303 | -- | -- | 0.02 U | 0.0999 | 15.8 | 150 | -- |
| VAS_w-09b | 1/18/2001 | 84.4 | 110 | 6.7 | 0 U | 0 U | -- | 0.04 | -- | 0.073 | 0.02 U | -- | -- | 48 | 145 | 10 U |
| VAS_w-09b | 4/10/2001 | 84.9 | 107 | 5.9 | 0 U | 0 U | -- | 0.08 | -- | 0.02 U | 0.02 U | -- | -- | 23 | 160 | 10 U |
| VAS_w-09b | 11/28/2001 | 82 | 110 | 7.06 | 0 U | 0 U | -- | 0.06 | -- | 0.02 U | 0.02 U | -- | -- | 36.4 | 152 | -- |
| VAS_w-09b | 6/10/2002 | 83.9 | -- | 6.75 | -- | -- | 0.005 U | 0.1 EJ | -- | -- | -- | 0.034 J | 0.0142 | 35 | 150 | -- |
| VAS_w-09b | 10/2/2002 | -- | -- | 6.83 | -- | -- | -- | 0.3 | 0.016 J | -- | -- | 0.61 | 0.0131 | 34.1 | 167 | -- |
| VAS_w-10a | 1/18/2001 | 121 | 132 | 8.8 | 0 U | 0 U | -- | 0.04 | -- | 3.74 | 0.02 U | -- | -- | 19 | 209 | 10 U |
| VAS_w-10a | 1/18/2001 | 123 | 130 | 8.9 | 0 U | 0 U | -- | 0.05 | -- | 3.79 | 0.02 U | -- | -- | 22 | 209 | 10 U |
| VAS_w-10a | 10/2/2002 | -- | -- | 9.74 | -- | -- | -- | 0.29 | 0.01 U | -- | -- | 3.37 | 0.0551 | 17.5 | 203 | -- |
| VAS_w-10a | 6/5/2003 | 95.2 | -- | 9.33 | -- | -- | -- | 0.0621 | -- | -- | -- | 2.27 | 0.0566 | 18.9 | 184 | -- |
| VAS_w-10a | 11/17/2003 | 98.7 | -- | 9.82 | -- | -- | -- | 0.056 | 0.01 U | -- | -- | 2.5 | 0.0553 | 19.7 | 188 | -- |
| VAS_w-10a | 5/25/2004 | 109 | -- | 10.6 | -- | -- | -- | 0.0859 | 0.01 U | -- | -- | 3.47 | 0.0647 | 18 | 192 | -- |
| VAS_w-11 | 1/24/2001 | 87.8 | 108 | 4.6 | 0 U | 0 U | -- | 0.08 | -- | 0.02 U | 0.02 U | -- | -- | 34 | 188 | 10 U |
| VAS_w-11 | 1/24/2001 | 88.3 | 109 | 5.2 | 0 U | 0 U | -- | 0.08 | -- | 0.02 U | 0.02 U | -- | -- | 40 | 194 | 10 U |
| VAS_w-11 | 6/3/2002 | 88.5 | -- | 5.1 | 0 U | 0 U | 0.005 U | 0.02 U | -- | -- | -- | 0.02 U | 0.179 | 29.4 | 181 | -- |
| VAS_w-11 | 10/3/2002 | -- | -- | 4.98 | -- | -- | -- | 0.29 | 0.386 | -- | -- | 0.02 U | 0.205 | 28 | 187 | -- |
| VAS_w-11 | 6/10/2003 | 94.7 | -- | 4.74 | -- | -- | -- | 0.116 | 0.398 | -- | -- | 0.02 U | 0.215 | 24.1 | 185 | -- |
| VAS_w-11 | 11/18/2003 | 90.6 | -- | 4.84 | -- | -- | -- | 0.105 | 0.375 | -- | -- | 0.02 U | 0.187 | 26.6 | 183 | -- |
| VAS_w-11 | 5/24/2004 | 92 | -- | 4.99 | -- | -- | -- | 0.099 | 0.361 | -- | -- | 0.02 U | 0.211 | 26 | 169 | -- |
| VAS_w-12 | 1/18/2001 | 140 | 89.7 | 3.4 | 0 U | 0 U | -- | 0.04 | -- | 0.02 U | 0.02 U | -- | -- | 5.6 | 173 | 10 U |
| VAS_w-12 | 4/10/2001 | 142 | 89.7 | 3.9 | 0 U | 0 U | -- | 0.07 | -- | 0.02 U | 0.02 U | -- | -- | 4.2 | 175 | 10 U |

Data qualifiers are defined in Table D-1.
-- Sample not analyzed

Appendix D
Vashon-Maury Island
2001-2004 Monitoring Data
Table D-5
Conventional Water Quality and Microbiological Parameters

| Well ID | Sample Date | ALKALINITY, TOTAL mg/l | HARDNESS mg/l | CHLORIDE mg/l | COLIFORMS, TOTAL CFU/100 ml | COLIFORMS FECAL CFU/100 ml | CYANIDE mg/l | FLUORIDE mg/l | AMMONIA AS N mg/l | NITRATE AS N mg/l | NITRITE AS N mg/l | NITRATE + NITRITE AS N mg/l | PHOSPHORUS TOTAL mg/l | SULFATE mg/l | TOTAL DISSOLVED SOLIDS mg/l | TOTAL ORGANIC HALIDES ug/l |
|-----------|-------------|------------------------|---------------|---------------|-----------------------------|----------------------------|--------------|---------------|-------------------|-------------------|-------------------|-----------------------------|-----------------------|--------------|-----------------------------|----------------------------|
| VAS_w-12 | 4/10/2001 | 141 | 89.7 | 3.6 | 0 U | 0 U | -- | 0.05 | -- | 0.02 U | 0.02 U | -- | -- | 3.9 | 169 | 10 U |
| VAS_w-12 | 11/28/2001 | 138 | 85.9 | 3.97 | 0 U | 0 U | -- | 0.07 | -- | 0.02 U | 0.02 U | -- | -- | 4.15 | 167 | -- |
| VAS_w-12 | 6/10/2002 | 139 | -- | 3.98 | -- | -- | 0.005 U | 0.08 EJ | -- | -- | -- | 0.02 U | 0.171 | 4.09 | 161 | -- |
| VAS_w-12 | 10/2/2002 | -- | -- | 4.07 | -- | -- | -- | 0.39 | 0.197 | -- | -- | 0.02 U | 0.148 | 4 | 178 | -- |
| VAS_w-12 | 6/5/2003 | 141 | -- | 3.98 | -- | -- | -- | 0.0664 | 0.208 | -- | -- | 0.02 U | 0.133 | 3.99 | 180 | -- |
| VAS_w-12 | 11/17/2003 | 136 | -- | 4.12 | -- | -- | -- | 0.0607 | 0.19 | -- | -- | 0.02 U | 0.153 | 4.08 | 184 | -- |
| VAS_w-12 | 11/17/2003 | 135 | -- | 4.03 | -- | -- | -- | 0.0686 | 0.194 | -- | -- | 0.02 U | 0.158 | 4.1 | 184 | -- |
| VAS_w-12 | 5/24/2004 | 138 | -- | 4 | -- | -- | -- | 0.0871 | 0.2 | -- | -- | 0.02 U | 0.157 | 3.95 | 175 | -- |
| VAS_w-13 | 1/17/2001 | 90.7 | 105 | 8.9 | 0 U | 0 U | -- | 0.02 | -- | 2.05 | 0.02 U | -- | -- | 16 | 152 | 10 U |
| VAS_w-13 | 12/4/2001 | 80.5 | 97.8 | 8.97 | 0 U | 0 U | -- | 0.03 | -- | 1.88 | 0.02 U | -- | -- | 12.4 | 140 | -- |
| VAS_w-13 | 6/11/2002 | 79.1 | -- | 8.56 | -- | -- | 0.005 U | 0.07 EJ | -- | -- | -- | 1.65 | 0.0275 | 12.6 | 141 | -- |
| VAS_w-13 | 6/11/2002 | 78.8 | -- | 8.61 | -- | -- | 0.005 U | 0.06 EJ | -- | -- | -- | 1.65 | 0.0303 | 12.6 | 135 | -- |
| VAS_w-13 | 10/14/2002 | -- | -- | 8.2 | -- | -- | -- | 0.12 | 0.01 U | -- | -- | 1.75 | 0.0294 | 12.9 | 149 | -- |
| VAS_w-13 | 6/4/2003 | 75.7 | -- | 8.52 | -- | -- | -- | 0.027 J | 0.01 U | -- | -- | 1.85 | 0.0302 | 13.6 | 159 | -- |
| VAS_w-13 | 11/13/2003 | 71.1 | -- | 8.04 | -- | -- | -- | 0.027 J | 0.01 U | -- | -- | 1.74 | 0.0294 | 13.9 | 141 | -- |
| VAS_w-13 | 6/2/2004 | 73.3 | -- | 8.04 | -- | -- | -- | 0.023 J | 0.01 U | -- | -- | 1.68 | 0.035 | 12.6 | 132 | -- |
| VAS_w-14 | 1/22/2001 | 64.3 | 70.5 | 3.7 | 0 U | 0 U | -- | 0.04 | -- | 0.02 U | 0.02 U | -- | -- | 15 | 107 | 10 U |
| VAS_w-14 | 11/29/2001 | 60 | 65.1 | 4.26 | 0 U | 0 U | -- | 0.06 | -- | 0.02 U | 0.02 U | -- | -- | 12.3 | 103 | -- |
| VAS_w-14 | 6/3/2002 | 65.2 | -- | 3.81 | -- | -- | 0.005 U | 0.02 U | -- | -- | -- | 0.029 J | 0.0623 | 10.6 | 103 | -- |
| VAS_w-14 | 10/3/2002 | -- | -- | 3.93 | -- | -- | -- | 0.22 | 0.01 U | -- | -- | 0.03 J | 0.0687 | 11.6 | 116 | -- |
| VAS_w-14 | 6/10/2003 | 63.1 | -- | 4.06 | -- | -- | -- | 0.0574 | 0.01 U | -- | -- | 0.023 J | 0.0649 | 12.2 | 114 | -- |
| VAS_w-14 | 11/18/2003 | 63 | -- | 4.16 | -- | -- | -- | 0.0604 | 0.01 U | -- | -- | 0.027 J | 0.0703 | 12.3 | 118 | -- |
| VAS_w-14 | 6/1/2004 | 66.5 | -- | 4.02 | -- | -- | -- | 0.0464 | 0.01 U | -- | -- | 0.039 J | 0.081 | 12 | 107 | -- |
| VAS_w-15 | 1/22/2001 | 53.8 | 64.4 | 4.4 | 0 U | 0 U | -- | 0.04 | -- | 0.02 U | 0.02 U | -- | -- | 14 | 101 | 10 U |
| VAS_w-15 | 1/22/2001 | 54.8 | 63.2 | 4.3 | 0 U | 0 U | -- | 0.04 | -- | 0.02 U | 0.02 U | -- | -- | 17 | 104 | 10 U |
| VAS_w-15 | 11/29/2001 | 53.5 | 58.9 | 4.55 | 0 U | 0 U | -- | 0.06 | -- | 0.02 U | 0.02 U | -- | -- | 13.1 | 106 | -- |
| VAS_w-15 | 6/10/2002 | 54.8 | -- | 4.41 | -- | -- | 0.005 U | 0.1 EJ | -- | -- | -- | 0.02 U | 0.0718 | 13.2 | 105 | -- |
| VAS_w-15 | 10/3/2002 | -- | -- | 4.57 | -- | -- | -- | 0.22 | 0.018 J | -- | -- | 0.02 U | 0.0647 | 13.1 | 118 | -- |
| VAS_w-15 | 6/5/2003 | 54.6 | -- | 4.51 | -- | -- | -- | 0.0549 | 0.017 J | -- | -- | 0.02 U | 0.0668 | 13.2 | 114 | -- |
| VAS_w-15 | 11/17/2003 | 54.9 | -- | 4.66 | -- | -- | -- | 0.0551 | 0.0204 | -- | -- | 0.02 U | 0.0736 | 13.7 | 114 | -- |
| VAS_w-15 | 6/1/2004 | 55 | -- | 4.56 | -- | -- | -- | 0.0788 | 0.01 U | -- | -- | 0.02 U | 0.0761 | 13.6 | 104 | -- |
| VAS_w-15 | 6/1/2004 | 55.1 | -- | 4.63 | -- | -- | -- | 0.0618 | 0.01 U | -- | -- | 0.02 U | 0.0743 | 13.3 | 107 | -- |
| VAS_w-16a | 1/24/2001 | 37.2 | 58.3 | 3.8 | 0 U | 0 U | -- | 0.03 | -- | 6.28 | 0.02 U | -- | -- | 8.3 | 125 | 10 U |
| VAS_w-16a | 11/29/2001 | 35.7 | 52 | 4.04 | 0 U | 0 U | -- | 0.04 | -- | 5.59 | 0.02 U | -- | -- | 6.58 | 97 | -- |
| VAS_w-16a | 6/10/2002 | 37.8 | -- | 3.99 | -- | -- | 0.005 U | 0.04 EJ | -- | -- | -- | 5.29 | 0.0302 | 6.58 | 101 | -- |
| VAS_w-16a | 10/3/2002 | -- | -- | 4.46 | -- | -- | -- | 0.16 | 0.01 U | -- | -- | 5.35 | 0.0312 | 7.54 | 117 | -- |
| VAS_w-16a | 6/10/2003 | 38.3 | -- | 3.98 | -- | -- | -- | 0.037 J | 0.01 U | -- | -- | 4.85 | 0.0273 | 6.88 | 117 | -- |
| VAS_w-16a | 11/18/2003 | 38.1 | -- | 4.07 | -- | -- | -- | 0.0402 | 0.01 U | -- | -- | 4.86 | 0.032 | 7.18 | 111 | -- |
| VAS_w-16a | 5/27/2004 | 37.1 | -- | 3.85 | -- | -- | -- | 0.024 J | 0.01 U | -- | -- | 4.44 | 0.0364 | 7.11 | 98 | -- |
| VAS_w-17 | 1/22/2001 | 50.6 | 55.9 | 3 | 0 U | 0 U | -- | 0.03 | -- | 1.43 | 0.02 U | -- | -- | 17 | 96.9 | 10 U |
| VAS_w-17 | 11/29/2001 | 50.2 | 53.4 | 3.69 | 0 U | 0 U | -- | 0.05 | -- | 1.49 | 0.02 U | -- | -- | 7.08 | 93 | -- |
| VAS_w-17 | 6/3/2002 | 51.8 | -- | 3.8 | -- | -- | 0.005 U | 0.02 U | -- | -- | -- | 1.57 | 0.0297 | 7.07 | 93 | -- |
| VAS_w-17 | 10/7/2002 | -- | -- | 3.76 | -- | -- | -- | 0.19 | 0.01 U | -- | -- | 1.53 | 0.0245 | 6.77 | 115 | -- |
| VAS_w-17 | 6/11/2003 | 52.3 | -- | 3.79 | -- | -- | -- | 0.0556 | 0.01 U | -- | -- | 1.63 | 0.0311 | 6.88 | 113 | -- |
| VAS_w-17 | 11/19/2003 | 51 | -- | 3.63 | -- | -- | -- | 0.0518 | 0.01 U | -- | -- | 1.57 | 0.036 | 6.87 | 112 | -- |
| VAS_w-17 | 5/27/2004 | 52.4 | -- | 3.65 | -- | -- | -- | 0.0539 | 0.01 U | -- | -- | 1.61 | 0.0408 | 6.69 | 93 | -- |
| VAS_w-18 | 2/28/2001 | 147 | 141 | 5.52 | 0 U | 0 U | -- | 0.08 | -- | 0.02 U | 0.02 U | -- | -- | 1.46 | 238 | -- |
| VAS_w-18 | 2/28/2001 | 146 | 144 | 5.65 | 0 U | 0 U | -- | 0.08 | -- | 0.02 U | 0.02 U | -- | -- | 1.48 | 236 | -- |
| VAS_w-18 | 12/3/2001 | 144 | 133 | 5.85 | 0 U | 0 U | -- | 0.07 | -- | 0.02 U | 0.02 U | -- | -- | 1.65 | 241 | -- |
| VAS_w-18 | 6/11/2002 | 147 | -- | 5.63 | -- | -- | 0.005 U | 0.42 EJ | -- | -- | -- | 0.02 U | 0.0883 | 1.83 | 240 | -- |
| VAS_w-18 | 10/7/2002 | -- | -- | 5.95 | -- | -- | -- | 0.08 | 0.118 | -- | -- | 0.02 U | 0.0554 | 1.64 | 236 | -- |
| VAS_w-18 | 6/11/2003 | 148 | -- | 5.65 | -- | -- | -- | 0.0656 | 0.118 | -- | -- | 0.02 U | 0.109 | 1.71 | 235 | -- |
| VAS_w-18 | 6/11/2003 | 147 | -- | 5.7 | -- | -- | -- | 0.0607 | 0.126 | -- | -- | 0.02 U | 0.158 | 1.63 | 241 | -- |
| VAS_w-18 | 11/19/2003 | 149 | -- | 5.77 | -- | -- | -- | 0.0583 | 0.111 | -- | -- | 0.02 U | 0.0283 | 1.69 | 253 | -- |

Data qualifiers are defined in Table D-1.
-- Sample not analyzed

Appendix D
Vashon-Maury Island
2001-2004 Monitoring Data
Table D-5
Conventional Water Quality and Microbiological Parameters

| Well ID | Sample Date | ALKALINITY, TOTAL mg/l | HARDNESS mg/l | CHLORIDE mg/l | COLIFORMS, TOTAL CFU/100 ml | COLIFORMS FECAL CFU/100 ml | CYANIDE mg/l | FLUORIDE mg/l | AMMONIA AS N mg/l | NITRATE AS N mg/l | NITRITE AS N mg/l | NITRATE + NITRITE AS N mg/l | PHOSPHORUS TOTAL mg/l | SULFATE mg/l | TOTAL DISSOLVED SOLIDS mg/l | TOTAL ORGANIC HALIDES ug/l |
|----------|-------------|------------------------|---------------|---------------|-----------------------------|----------------------------|--------------|---------------|-------------------|-------------------|-------------------|-----------------------------|-----------------------|--------------|-----------------------------|----------------------------|
| VAS_w-18 | 5/26/2004 | 147 | -- | 5.91 | -- | -- | -- | 0.103 | 0.113 | -- | -- | 0.02 U | 0.0602 | 2.08 | 237 | -- |
| VAS_w-19 | 11/30/1989 | 54 | 63 | 4.7 | 2 U | 2 U | -- | 0.2 U | -- | 0.73 | 0.5 U | -- | -- | 12 | 94 | 22 |
| VAS_w-19 | 4/20/1990 | 54 | 53 | 2.6 | 1 U | 1 U | -- | 0.2 U | -- | 0.2 U | 0.5 U | -- | -- | 10 | 110 | 5 U |
| VAS_w-19 | 10/26/1990 | 50 | 65 | 1.6 | 1 U | 1 U | -- | 0.2 U | -- | 0.2 U | 0.5 U | -- | -- | 12 | 110 | -- |
| VAS_w-19 | 10/26/1990 | 52 | 64 | 2.1 | 1 U | 1 U | -- | 0.2 U | -- | 0.2 U | 0.5 U | -- | -- | 12 | 110 | -- |
| VAS_w-19 | 1/23/2001 | 52.6 | 63.9 | 3.1 | 0 U | 0 U | -- | 0.03 | -- | 0.582 | 0.02 U | -- | -- | 14 | 100 | 10 U |
| VAS_w-19 | 1/23/2001 | 52 | 63.3 | 2.2 | 0 U | 0 U | -- | 0.03 | -- | 0.57 | 0.02 U | -- | -- | 17 | 101 | 10 U |
| VAS_w-19 | 6/3/2002 | 52.7 | -- | 2.87 | 0 U | 0 U | 0.005 U | 0.02 U | -- | -- | -- | 0.711 | 0.0348 | 13 | 119 | -- |
| VAS_w-19 | 10/7/2002 | -- | -- | 2.9 | -- | -- | -- | 0.0507 | 0.01 U | -- | -- | 0.778 | 0.0349 | 13 | 108 | -- |
| VAS_w-19 | 6/11/2003 | 51.8 | -- | 2.83 | -- | -- | -- | 0.0483 | 0.01 U | -- | -- | 0.921 | 0.0266 | 12.5 | 112 | -- |
| VAS_w-19 | 11/19/2003 | 53.7 | -- | 2.97 | -- | -- | -- | 0.0508 | 0.01 U | -- | -- | 0.455 | 0.0319 | 13.4 | 109 | -- |
| VAS_w-19 | 5/26/2004 | 53.8 | -- | 2.89 | -- | -- | -- | 0.0408 | 0.01 U | -- | -- | 0.609 | 0.038 | 12.7 | 93 | -- |
| VAS_w-20 | 1/23/2001 | 39.4 | 54.3 | 2.8 | 0 U | 0 U | -- | 0.02 | -- | 3.04 | 0.02 U | -- | -- | 11 | 94.9 | 10 U |
| VAS_w-20 | 4/10/2001 | 40.4 | 50.3 | 3.4 | 0 U | 0 U | -- | 0.06 | -- | 2.96 | 0.02 U | -- | -- | 9.2 | 99 | 10 U |
| VAS_w-20 | 12/3/2001 | 37.6 | 46.3 | 3.77 | 0 U | 0 U | -- | 0.03 | -- | 2.88 | 0.02 U | -- | -- | 8.9 | 183 | -- |
| VAS_w-20 | 6/11/2002 | 40.6 | -- | 3.41 | -- | -- | 0.005 U | 0.07 EJ | -- | -- | -- | 2.88 | 0.0267 | 8.57 | 90 | -- |
| VAS_w-20 | 10/7/2002 | -- | -- | 3.59 | -- | -- | -- | 0.032 J | 0.01 U | -- | -- | 2.95 | 0.0255 | 8.39 | 81 | -- |
| VAS_w-20 | 6/4/2003 | 40.1 | -- | 3.45 | -- | -- | -- | 0.023 J | 0.01 U | -- | -- | 2.86 | 0.0266 | 8.45 | 99 | -- |
| VAS_w-20 | 11/13/2003 | 41.7 | -- | 3.38 | -- | -- | -- | 0.0568 | 0.01 U | -- | -- | 2.83 | 0.0266 | 8.85 | 100 | -- |
| VAS_w-20 | 11/13/2003 | 40.7 | -- | 3.36 | -- | -- | -- | 0.0525 | 0.01 U | -- | -- | 2.86 | 0.0264 | 8.83 | 94 | -- |
| VAS_w-20 | 5/27/2004 | 39 | -- | 3.24 | -- | -- | -- | 0.039 J | 0.01 U | -- | -- | 2.67 | 0.0324 | 8.54 | 92 | -- |
| VAS_w-21 | 1/16/2001 | 89.3 | 89.2 | 2.3 | 0 U | 0 U | -- | 0.04 | -- | 0.02 U | 0.02 U | -- | -- | 16 | 143 | 10 U |
| VAS_w-21 | 11/26/2001 | 88.5 | 87.6 | 3.58 | 0 U | 0 U | -- | 0.07 | -- | 0.02 U | 0.02 U | -- | -- | 10.1 | 136 | -- |
| VAS_w-21 | 6/5/2002 | 90 | -- | 3.72 | -- | -- | 0.005 U | 0.11 EJ | -- | -- | -- | 0.02 U | 0.0703 | 14.4 | 185 | -- |
| VAS_w-21 | 9/30/2002 | -- | -- | 3.92 | -- | -- | -- | 0.32 | 0.019 J | -- | -- | 0.02 U | 0.0991 | 15.1 | 148 | -- |
| VAS_w-21 | 9/30/2002 | -- | -- | 3.88 | -- | -- | -- | 0.25 | 0.014 J | -- | -- | 0.02 U | 0.0969 | 14.1 | 155 | -- |
| VAS_w-21 | 6/3/2003 | 90.9 | -- | 3.74 | -- | -- | -- | 0.0672 | 0.016 J | -- | -- | 0.02 U | 0.0714 | 13.3 | 161 | -- |
| VAS_w-21 | 11/12/2003 | 91.4 | -- | 3.75 | -- | -- | -- | 0.0643 | 0.019 J | -- | -- | 0.02 U | 0.0795 | 15.7 | 152 | -- |
| VAS_w-21 | 6/2/2004 | 91.9 | -- | 3.77 | -- | -- | -- | 0.0488 | 0.019 J | -- | -- | 0.02 U | 0.0834 | 16.1 | 142 | -- |

Data qualifiers are defined in Table D-1.
-- Sample not analyzed

Appendix D
Vashon-Maury Island
2001-2004 Monitoring Data
Table D-6
Water Level Data

| Site ID | Date | Depth to Water (feet) | Well Depth (feet) | Surface Elevation (feet) |
|-----------|------------|-----------------------|-------------------|--------------------------|
| VAS_w-02a | 1/16/2001 | 143.7 | 177.0 | 260.3 |
| VAS_w-02a | 5/18/2001 | 145.4 | 177.0 | 260.3 |
| VAS_w-02a | 6/19/2001 | 145.8 | 177.0 | 260.3 |
| VAS_w-02a | 7/18/2001 | 145.8 | 177.0 | 260.3 |
| VAS_w-02a | 8/17/2001 | 146.1 | 177.0 | 260.3 |
| VAS_w-02a | 9/18/2001 | 145.9 | 177.0 | 260.3 |
| VAS_w-02a | 10/19/2001 | 146.6 | 177.0 | 260.3 |
| VAS_w-02a | 11/19/2001 | 145.9 | 177.0 | 260.3 |
| VAS_w-02a | 11/26/2001 | 146.7 | 177.0 | 260.3 |
| VAS_w-02a | 12/19/2001 | 146.2 | 177.0 | 260.3 |
| VAS_w-02a | 1/22/2002 | 146.0 | 177.0 | 260.3 |
| VAS_w-02a | 3/4/2002 | 145.6 | 177.0 | 260.3 |
| VAS_w-02a | 4/5/2002 | 145.7 | 177.0 | 260.3 |
| VAS_w-02a | 5/3/2002 | 145.6 | 177.0 | 260.3 |
| VAS_w-02a | 6/5/2002 | 145.6 | 177.0 | 260.3 |
| VAS_w-02a | 6/7/2002 | 145.6 | 177.0 | 260.3 |
| VAS_w-02a | 7/5/2002 | 145.5 | 177.0 | 260.3 |
| VAS_w-02a | 8/5/2002 | 145.6 | 177.0 | 260.3 |
| VAS_w-02a | 9/4/2002 | 145.9 | 177.0 | 260.3 |
| VAS_w-02a | 9/30/2002 | 145.9 | 177.0 | 260.3 |
| VAS_w-02a | 10/9/2002 | 145.8 | 177.0 | 260.3 |
| VAS_w-02a | 2/3/2003 | 146.7 | 177.0 | 260.3 |
| VAS_w-02a | 3/10/2003 | 146.1 | 177.0 | 260.3 |
| VAS_w-02a | 4/14/2003 | 146.1 | 177.0 | 260.3 |
| VAS_w-02a | 6/4/2003 | 146.7 | 177.0 | 260.3 |
| VAS_w-02a | 7/16/2003 | 147.5 | 177.0 | 260.3 |
| VAS_w-02a | 8/18/2003 | 149.1 | 177.0 | 260.3 |
| VAS_w-02a | 9/8/2003 | 149.1 | 177.0 | 260.3 |
| VAS_w-02a | 10/13/2003 | 147.7 | 177.0 | 260.3 |
| VAS_w-02a | 11/12/2003 | 147.1 | 177.0 | 260.3 |
| VAS_w-02a | 12/3/2003 | 146.8 | 177.0 | 260.3 |
| VAS_w-04 | 1/16/2001 | 197.1 | 305.0 | 198.3 |
| VAS_w-04 | 3/4/2002 | 195.0 | 305.0 | 198.3 |
| VAS_w-04 | 4/29/2002 | 200.0 | 305.0 | 198.3 |
| VAS_w-04 | 6/5/2002 | 202.4 | 305.0 | 198.3 |
| VAS_w-04 | 7/31/2002 | 199.7 | 305.0 | 198.3 |
| VAS_w-04 | 9/30/2002 | 199.5 | 305.0 | 198.3 |
| VAS_w-06 | 1/24/2001 | 146.3 | 169.0 | 405.7 |
| VAS_w-06 | 12/3/2001 | 149.7 | 169.0 | 405.7 |
| VAS_w-06 | 3/4/2002 | 144.3 | 169.0 | 405.7 |
| VAS_w-06 | 4/29/2002 | 142.1 | 169.0 | 405.7 |
| VAS_w-06 | 6/11/2002 | 141.9 | 169.0 | 405.7 |
| VAS_w-06 | 7/31/2002 | 144.9 | 169.0 | 405.7 |
| VAS_w-06 | 10/14/2002 | 145.1 | 169.0 | 405.7 |
| VAS_w-09a | 7/31/2002 | 394.7 | 450.0 | 411.1 |
| VAS_w-09b | 1/18/2001 | 334.4 | 375.0 | 375.0 |

Appendix D
Vashon-Maury Island
2001-2004 Monitoring Data
Table D-6
Water Level Data

| Site ID | Date | Depth to Water (feet) | Well Depth (feet) | Surface Elevation (feet) |
|-----------|------------|-----------------------|-------------------|--------------------------|
| VAS_w-09b | 4/10/2001 | 334.6 | 375.0 | 375.0 |
| VAS_w-09b | 11/28/2001 | 335.8 | 375.0 | 375.0 |
| VAS_w-09b | 4/29/2002 | 337.0 | 375.0 | 375.0 |
| VAS_w-09b | 6/10/2002 | 337.1 | 375.0 | 375.0 |
| VAS_w-09b | 6/27/2002 | 337.4 | 375.0 | 375.0 |
| VAS_w-09b | 7/31/2002 | 344.5 | 375.0 | 375.0 |
| VAS_w-10a | 1/18/2001 | 82.2 | 114.0 | 106.6 |
| VAS_w-10a | 7/31/2002 | 82.5 | 114.0 | 106.6 |
| VAS_w-10a | 11/17/2003 | 93.3 | 114.0 | 106.6 |
| VAS_w-11 | 1/24/2001 | 235.4 | 691.0 | 320.5 |
| VAS_w-11 | 3/4/2002 | 238.5 | 691.0 | 320.5 |
| VAS_w-11 | 4/29/2002 | 239.2 | 691.0 | 320.5 |
| VAS_w-11 | 6/3/2002 | 239.0 | 691.0 | 320.5 |
| VAS_w-11 | 10/3/2002 | 239.4 | 691.0 | 320.5 |
| VAS_w-12 | 1/18/2001 | 89.0 | 473.0 | 110.4 |
| VAS_w-12 | 11/28/2001 | 89.4 | 473.0 | 110.4 |
| VAS_w-12 | 3/4/2002 | 89.9 | 473.0 | 110.4 |
| VAS_w-12 | 4/29/2002 | 91.3 | 473.0 | 110.4 |
| VAS_w-12 | 6/10/2002 | 91.6 | 473.0 | 110.4 |
| VAS_w-12 | 7/31/2002 | 91.1 | 473.0 | 110.4 |
| VAS_w-12 | 10/2/2002 | 90.7 | 473.0 | 110.4 |
| VAS_w-13 | 1/17/2001 | 12.3 | 80.0 | 223.3 |
| VAS_w-13 | 12/4/2001 | 13.7 | 80.0 | 223.3 |
| VAS_w-13 | 3/4/2002 | 10.0 | 80.0 | 223.3 |
| VAS_w-13 | 4/29/2002 | 9.4 | 80.0 | 223.3 |
| VAS_w-13 | 6/11/2002 | 10.3 | 80.0 | 223.3 |
| VAS_w-13 | 7/31/2002 | 11.5 | 80.0 | 223.3 |
| VAS_w-13 | 10/14/2002 | 12.9 | 80.0 | 223.3 |
| VAS_w-13 | 11/13/2003 | 13.7 | 80.0 | 223.3 |
| VAS_w-14 | 10/3/2002 | 162.6 | 183.0 | 376.5 |
| VAS_w-14 | 11/18/2003 | 164.1 | 183.0 | 376.5 |
| VAS_w-15 | 11/29/2001 | 159.8 | 188.0 | 369.8 |
| VAS_w-15 | 10/3/2002 | 159.8 | 188.0 | 369.8 |
| VAS_w-16a | 1/24/2001 | 26.9 | 67.0 | 282.6 |
| VAS_w-16a | 11/29/2001 | 30.9 | 67.0 | 282.6 |
| VAS_w-16a | 3/4/2002 | 15.9 | 67.0 | 282.6 |
| VAS_w-16a | 4/29/2002 | 14.6 | 67.0 | 282.6 |
| VAS_w-16a | 6/10/2002 | 18.3 | 67.0 | 282.6 |
| VAS_w-16a | 7/31/2002 | 21.9 | 67.0 | 282.6 |
| VAS_w-16a | 10/3/2002 | 25.3 | 67.0 | 282.6 |
| VAS_w-16a | 11/18/2003 | 28.0 | 67.0 | 282.6 |
| VAS_w-16a | 5/27/2004 | 19.5 | 67.0 | 282.6 |
| VAS_w-17 | 11/29/2001 | 172.2 | 67.0 | 223.1 |
| VAS_w-17 | 3/4/2002 | 168.8 | 67.0 | 223.1 |
| VAS_w-17 | 4/29/2002 | 167.8 | 67.0 | 223.1 |
| VAS_w-17 | 7/31/2002 | 169.0 | 67.0 | 223.1 |

Appendix D
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Table D-6
Water Level Data

| Site ID | Date | Depth to Water (feet) | Well Depth (feet) | Surface Elevation (feet) |
|----------|------------|-----------------------|-------------------|--------------------------|
| VAS_w-17 | 10/7/2002 | 170.0 | 67.0 | 223.1 |
| VAS_w-17 | 5/27/2004 | 168.9 | 67.0 | 223.1 |
| VAS_w-18 | 1/23/2001 | 75.3 | 116.0 | 207.3 |
| VAS_w-18 | 2/28/2001 | 75.5 | 116.0 | 207.3 |
| VAS_w-18 | 12/3/2001 | 75.9 | 116.0 | 207.3 |
| VAS_w-18 | 3/4/2002 | 75.5 | 116.0 | 207.3 |
| VAS_w-18 | 4/29/2002 | 75.4 | 116.0 | 207.3 |
| VAS_w-18 | 6/11/2002 | 75.4 | 116.0 | 207.3 |
| VAS_w-18 | 7/31/2002 | 75.6 | 116.0 | 207.3 |
| VAS_w-18 | 10/7/2002 | 75.4 | 116.0 | 207.3 |
| VAS_w-20 | 1/23/2001 | 83.3 | 122.0 | 363.0 |
| VAS_w-20 | 4/10/2001 | 84.6 | 122.0 | 363.0 |
| VAS_w-20 | 12/3/2001 | 89.3 | 122.0 | 363.0 |
| VAS_w-20 | 3/4/2002 | 86.2 | 122.0 | 363.0 |
| VAS_w-20 | 4/29/2002 | 84.3 | 122.0 | 363.0 |
| VAS_w-20 | 6/11/2002 | 84.4 | 122.0 | 363.0 |
| VAS_w-20 | 7/31/2002 | 84.9 | 122.0 | 363.0 |
| VAS_w-20 | 10/7/2002 | 85.8 | 122.0 | 363.0 |
| VAS_w-20 | 11/13/2003 | 91.4 | 122.0 | 363.0 |
| VAS_w-20 | 5/27/2004 | 86.1 | 122.0 | 363.0 |
| VAS_w-21 | 5/16/2001 | 114.2 | 133.0 | 298.8 |
| VAS_w-21 | 6/6/2001 | 114.5 | 133.0 | 298.8 |
| VAS_w-21 | 7/2/2001 | 114.5 | 133.0 | 298.8 |
| VAS_w-21 | 8/2/2001 | 114.8 | 133.0 | 298.8 |
| VAS_w-21 | 9/1/2001 | 115.1 | 133.0 | 298.8 |
| VAS_w-21 | 10/11/2001 | 115.5 | 133.0 | 298.8 |
| VAS_w-21 | 11/26/2001 | 115.9 | 133.0 | 298.8 |
| VAS_w-21 | 2/20/2002 | 116.1 | 133.0 | 298.8 |
| VAS_w-21 | 4/7/2002 | 115.6 | 133.0 | 298.8 |
| VAS_w-21 | 8/26/2002 | 115.7 | 133.0 | 298.8 |
| VAS_w-21 | 9/27/2002 | 115.4 | 133.0 | 298.8 |
| VAS_w-21 | 9/30/2002 | 115.7 | 133.0 | 298.8 |
| VAS_w-21 | 10/22/2002 | 115.4 | 133.0 | 298.8 |
| VAS_w-21 | 4/16/2003 | 115.8 | 133.0 | 298.8 |
| VAS_w-21 | 6/3/2003 | 115.7 | 133.0 | 298.8 |
| VAS_w-21 | 8/12/2003 | 115.7 | 133.0 | 298.8 |
| VAS_w-21 | 9/22/2003 | 115.6 | 133.0 | 298.8 |
| VAS_w-21 | 10/29/2003 | 115.4 | 133.0 | 298.8 |
| VAS_w-21 | 11/12/2003 | 115.9 | 133.0 | 298.8 |
| VAS_w-21 | 11/18/2003 | 115.9 | 133.0 | 298.8 |
| VAS_w-21 | 12/18/2003 | 115.6 | 133.0 | 298.8 |
| VAS_w-21 | 1/31/2004 | 115.8 | 133.0 | 298.8 |
| VAS_w-21 | 2/28/2004 | 116.0 | 133.0 | 298.8 |
| VAS_w-21 | 4/1/2004 | 115.8 | 133.0 | 298.8 |
| VAS_w-21 | 5/13/2004 | 115.4 | 133.0 | 298.8 |
| VAS_w-21 | 7/3/2004 | 115.4 | 133.0 | 298.8 |

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Table D-6
Water Level Data

| Site ID | Date | Depth to Water (feet) | Well Depth (feet) | Surface Elevation (feet) |
|------------------|------------|-----------------------|-------------------|--------------------------|
| VAS_w-21 | 8/17/2004 | 115.6 | 133.0 | 298.8 |
| VAS_w-21 | 9/20/2004 | 115.8 | 133.0 | 298.8 |
| VAS_w-21 | 10/21/2004 | 115.7 | 133.0 | 298.8 |
| VAS_w-21 | 11/11/2004 | 115.5 | 133.0 | 298.8 |
| VAS_w-21 | 12/17/2004 | 115.3 | 133.0 | 298.8 |
| VMI_VOL_GWL_w-02 | 5/20/2001 | 104.8 | 165.0 | 134.5 |
| VMI_VOL_GWL_w-02 | 6/10/2001 | 106.1 | 165.0 | 134.5 |
| VMI_VOL_GWL_w-02 | 7/8/2001 | 106.2 | 165.0 | 134.5 |
| VMI_VOL_GWL_w-02 | 8/11/2001 | 111.3 | 165.0 | 134.5 |
| VMI_VOL_GWL_w-02 | 9/1/2001 | 107.8 | 165.0 | 134.5 |
| VMI_VOL_GWL_w-02 | 10/13/2001 | 106.6 | 165.0 | 134.5 |
| VMI_VOL_GWL_w-02 | 2/17/2002 | 108.1 | 165.0 | 134.5 |
| VMI_VOL_GWL_w-02 | 4/9/2002 | 111.8 | 165.0 | 134.5 |
| VMI_VOL_GWL_w-02 | 4/21/2002 | 108.1 | 165.0 | 134.5 |
| VMI_VOL_GWL_w-02 | 6/9/2002 | 105.7 | 165.0 | 134.5 |
| VMI_VOL_GWL_w-02 | 11/6/2002 | 112.6 | 165.0 | 134.5 |
| VMI_VOL_GWL_w-02 | 5/8/2003 | 104.8 | 165.0 | 134.5 |
| VMI_VOL_GWL_w-02 | 6/1/2003 | 106.7 | 165.0 | 134.5 |
| VMI_VOL_GWL_w-02 | 7/27/2003 | 111.3 | 165.0 | 134.5 |
| VMI_VOL_GWL_w-02 | 9/27/2003 | 109.1 | 165.0 | 134.5 |
| VMI_VOL_GWL_w-02 | 10/27/2003 | 107.3 | 165.0 | 134.5 |
| VMI_VOL_GWL_w-02 | 12/24/2003 | 106.9 | 165.0 | 134.5 |
| VMI_VOL_GWL_w-02 | 1/27/2004 | 105.8 | 165.0 | 134.5 |
| VMI_VOL_GWL_w-02 | 4/16/2004 | 106.6 | 165.0 | 134.5 |
| VMI_VOL_GWL_w-02 | 7/11/2004 | 110.5 | 165.0 | 134.5 |
| VMI_VOL_GWL_w-02 | 8/5/2004 | 108.7 | 165.0 | 134.5 |
| VMI_VOL_GWL_w-02 | 10/26/2004 | 108.3 | 165.0 | 134.5 |
| VMI_VOL_GWL_w-03 | 6/4/2001 | 182.6 | 304.0 | 356.0 |
| VMI_VOL_GWL_w-03 | 7/28/2001 | 183.6 | 304.0 | 356.0 |
| VMI_VOL_GWL_w-03 | 8/17/2001 | 186.7 | 304.0 | 356.0 |
| VMI_VOL_GWL_w-03 | 6/27/2002 | 186.2 | 304.0 | 356.0 |
| VMI_VOL_GWL_w-03 | 7/31/2002 | 187.1 | 304.0 | 356.0 |
| VMI_VOL_GWL_w-04 | 5/12/2001 | 105.8 | 140.0 | 407.0 |
| VMI_VOL_GWL_w-04 | 6/21/2001 | 105.2 | 140.0 | 407.0 |
| VMI_VOL_GWL_w-04 | 7/18/2001 | 105.5 | 140.0 | 407.0 |
| VMI_VOL_GWL_w-04 | 8/18/2001 | 105.7 | 140.0 | 407.0 |
| VMI_VOL_GWL_w-04 | 9/20/2001 | 106.5 | 140.0 | 407.0 |
| VMI_VOL_GWL_w-04 | 11/2/2001 | 106.6 | 140.0 | 407.0 |
| VMI_VOL_GWL_w-04 | 2/9/2002 | 106.3 | 140.0 | 407.0 |
| VMI_VOL_GWL_w-04 | 6/27/2002 | 105.7 | 140.0 | 407.0 |
| VMI_VOL_GWL_w-05 | 6/4/2001 | 139.2 | 197.0 | 190.8 |
| VMI_VOL_GWL_w-06 | 3/29/2001 | 160.8 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 5/12/2001 | 160.9 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 6/8/2001 | 161.1 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 7/11/2001 | 161.4 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 8/13/2001 | 161.7 | 240.0 | 360.0 |

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Water Level Data

| Site ID | Date | Depth to Water (feet) | Well Depth (feet) | Surface Elevation (feet) |
|------------------|------------|-----------------------|-------------------|--------------------------|
| VMI_VOL_GWL_w-06 | 9/12/2001 | 161.7 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 10/12/2001 | 161.6 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 11/21/2001 | 161.7 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 12/6/2001 | 162.0 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 1/9/2002 | 162.0 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 2/7/2002 | 161.7 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 3/12/2002 | 162.0 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 4/5/2002 | 161.9 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 5/12/2002 | 161.7 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 6/5/2002 | 161.9 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 7/2/2002 | 161.7 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 8/3/2002 | 161.7 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 9/5/2002 | 161.8 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 10/4/2002 | 161.8 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 11/6/2002 | 161.6 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 12/11/2002 | 161.7 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 1/5/2003 | 162.1 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 2/4/2003 | 161.9 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 3/5/2003 | 161.8 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 4/2/2003 | 161.9 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 5/5/2003 | 162.1 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 6/2/2003 | 162.1 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 7/2/2003 | 162.2 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 8/2/2003 | 162.2 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 9/2/2003 | 162.1 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 10/2/2003 | 162.1 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 11/4/2003 | 162.2 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 12/3/2003 | 162.4 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 1/3/2004 | 162.4 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 2/5/2004 | 162.3 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 3/2/2004 | 162.4 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 4/4/2004 | 162.2 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 5/7/2004 | 162.4 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 6/7/2004 | 162.3 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 7/2/2004 | 162.4 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 8/3/2004 | 162.4 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 9/1/2004 | 162.4 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 10/5/2004 | 162.2 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 11/4/2004 | 162.3 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-06 | 12/2/2004 | 162.4 | 240.0 | 360.0 |
| VMI_VOL_GWL_w-07 | 6/5/2001 | 4.1 | 20.0 | 200.2 |
| VMI_VOL_GWL_w-07 | 7/9/2001 | 6.1 | 20.0 | 200.2 |
| VMI_VOL_GWL_w-07 | 8/11/2001 | 8.0 | 20.0 | 200.2 |
| VMI_VOL_GWL_w-07 | 9/21/2001 | 9.8 | 20.0 | 200.2 |
| VMI_VOL_GWL_w-07 | 10/15/2001 | 9.8 | 20.0 | 200.2 |
| VMI_VOL_GWL_w-07 | 11/13/2001 | 10.8 | 20.0 | 200.2 |

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2001-2004 Monitoring Data
Table D-6
Water Level Data

| Site ID | Date | Depth to Water (feet) | Well Depth (feet) | Surface Elevation (feet) |
|------------------|------------|-----------------------|-------------------|--------------------------|
| VMI_VOL_GWL_w-07 | 12/12/2001 | 0.8 | 20.0 | 200.2 |
| VMI_VOL_GWL_w-07 | 1/28/2002 | 9.1 | 20.0 | 200.2 |
| VMI_VOL_GWL_w-07 | 4/9/2002 | 2.0 | 20.0 | 200.2 |
| VMI_VOL_GWL_w-07 | 4/29/2002 | 1.9 | 20.0 | 200.2 |
| VMI_VOL_GWL_w-07 | 6/27/2002 | 8.7 | 20.0 | 200.2 |
| VMI_VOL_GWL_w-08 | 6/7/2001 | 70.2 | 94.0 | 93.5 |
| VMI_VOL_GWL_w-08 | 7/4/2001 | 69.6 | 94.0 | 93.5 |
| VMI_VOL_GWL_w-08 | 8/19/2001 | 69.3 | 94.0 | 93.5 |
| VMI_VOL_GWL_w-08 | 9/9/2001 | 68.6 | 94.0 | 93.5 |
| VMI_VOL_GWL_w-08 | 10/11/2001 | 68.1 | 94.0 | 93.5 |
| VMI_VOL_GWL_w-08 | 11/10/2001 | 68.1 | 94.0 | 93.5 |
| VMI_VOL_GWL_w-08 | 12/10/2001 | 67.8 | 94.0 | 93.5 |
| VMI_VOL_GWL_w-09 | 5/13/2001 | 203.8 | 350.0 | 368.3 |
| VMI_VOL_GWL_w-09 | 6/18/2001 | 204.7 | 350.0 | 368.3 |
| VMI_VOL_GWL_w-09 | 7/29/2001 | 207.7 | 350.0 | 368.3 |
| VMI_VOL_GWL_w-09 | 9/3/2001 | 209.9 | 350.0 | 368.3 |
| VMI_VOL_GWL_w-09 | 10/1/2001 | 210.1 | 350.0 | 368.3 |
| VMI_VOL_GWL_w-09 | 11/3/2001 | 207.3 | 350.0 | 368.3 |
| VMI_VOL_GWL_w-09 | 11/25/2001 | 205.1 | 350.0 | 368.3 |
| VMI_VOL_GWL_w-09 | 1/6/2002 | 202.9 | 350.0 | 368.3 |
| VMI_VOL_GWL_w-09 | 2/9/2002 | 202.2 | 350.0 | 368.3 |
| VMI_VOL_GWL_w-09 | 3/4/2002 | 201.9 | 350.0 | 368.3 |
| VMI_VOL_GWL_w-09 | 4/8/2002 | 202.1 | 350.0 | 368.3 |
| VMI_VOL_GWL_w-09 | 5/6/2002 | 202.4 | 350.0 | 368.3 |
| VMI_VOL_GWL_w-09 | 6/16/2002 | 204.6 | 350.0 | 368.3 |
| VMI_VOL_GWL_w-09 | 7/9/2002 | 207.5 | 350.0 | 368.3 |
| VMI_VOL_GWL_w-09 | 8/12/2002 | 211.6 | 350.0 | 368.3 |
| VMI_VOL_GWL_w-09 | 9/8/2002 | 212.4 | 350.0 | 368.3 |
| VMI_VOL_GWL_w-09 | 11/3/2002 | 210.0 | 350.0 | 368.3 |
| VMI_VOL_GWL_w-09 | 12/28/2002 | 205.8 | 350.0 | 368.3 |
| VMI_VOL_GWL_w-09 | 2/10/2003 | 204.5 | 350.0 | 368.3 |
| VMI_VOL_GWL_w-09 | 4/21/2003 | 203.9 | 350.0 | 368.3 |
| VMI_VOL_GWL_w-09 | 6/9/2003 | 205.6 | 350.0 | 368.3 |
| VMI_VOL_GWL_w-09 | 7/9/2003 | 212.0 | 350.0 | 368.3 |
| VMI_VOL_GWL_w-09 | 8/1/2003 | 215.1 | 350.0 | 368.3 |
| VMI_VOL_GWL_w-09 | 11/1/2003 | 210.0 | 350.0 | 368.3 |
| VMI_VOL_GWL_w-09 | 12/5/2003 | 207.0 | 350.0 | 368.3 |
| VMI_VOL_GWL_w-09 | 1/17/2004 | 205.1 | 350.0 | 368.3 |
| VMI_VOL_GWL_w-09 | 2/23/2004 | 204.2 | 350.0 | 368.3 |
| VMI_VOL_GWL_w-09 | 3/23/2004 | 204.3 | 350.0 | 368.3 |
| VMI_VOL_GWL_w-09 | 4/22/2004 | 205.0 | 350.0 | 368.3 |
| VMI_VOL_GWL_w-09 | 5/23/2004 | 206.8 | 350.0 | 368.3 |
| VMI_VOL_GWL_w-09 | 6/30/2004 | 210.0 | 350.0 | 368.3 |
| VMI_VOL_GWL_w-09 | 7/27/2004 | 214.1 | 350.0 | 368.3 |
| VMI_VOL_GWL_w-09 | 8/30/2004 | 215.9 | 350.0 | 368.3 |
| VMI_VOL_GWL_w-09 | 10/28/2004 | 209.4 | 350.0 | 368.3 |

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Table D-6
Water Level Data

| Site ID | Date | Depth to Water (feet) | Well Depth (feet) | Surface Elevation (feet) |
|------------------|------------|-----------------------|-------------------|--------------------------|
| VMI_VOL_GWL_w-09 | 12/5/2004 | 207.8 | 350.0 | 368.3 |
| VMI_VOL_GWL_w-11 | 6/4/2001 | 138.1 | 150.0 | 384.8 |
| VMI_VOL_GWL_w-11 | 8/7/2001 | 138.0 | 150.0 | 384.8 |
| VMI_VOL_GWL_w-12 | 7/15/2001 | 79.7 | 110.0 | 390.9 |
| VMI_VOL_GWL_w-12 | 8/15/2001 | 80.5 | 110.0 | 390.9 |
| VMI_VOL_GWL_w-12 | 9/15/2001 | 80.4 | 110.0 | 390.9 |
| VMI_VOL_GWL_w-12 | 10/21/2001 | 80.8 | 110.0 | 390.9 |
| VMI_VOL_GWL_w-12 | 11/10/2001 | 80.5 | 110.0 | 390.9 |
| VMI_VOL_GWL_w-12 | 12/22/2001 | 81.4 | 110.0 | 390.9 |
| VMI_VOL_GWL_w-12 | 1/26/2002 | 80.8 | 110.0 | 390.9 |
| VMI_VOL_GWL_w-12 | 2/24/2002 | 81.1 | 110.0 | 390.9 |
| VMI_VOL_GWL_w-12 | 4/24/2002 | 79.5 | 110.0 | 390.9 |
| VMI_VOL_GWL_w-13 | 5/13/2001 | 137.5 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 6/5/2001 | 138.2 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 7/28/2001 | 139.4 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 8/10/2001 | 140.4 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 9/7/2001 | 139.8 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 10/16/2001 | 143.5 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 11/4/2001 | 139.2 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 1/12/2002 | 138.3 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 2/14/2002 | 137.8 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 3/16/2002 | 137.3 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 4/11/2002 | 138.4 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 5/14/2002 | 139.3 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 6/11/2002 | 139.7 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 7/9/2002 | 141.9 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 8/8/2002 | 141.7 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 9/9/2002 | 144.3 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 10/5/2002 | 144.3 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 11/6/2002 | 140.8 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 12/8/2002 | 141.2 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 1/12/2003 | 139.8 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 2/4/2003 | 138.9 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 3/4/2003 | 140.0 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 4/3/2003 | 138.2 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 5/5/2003 | 139.5 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 6/3/2003 | 141.3 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 7/6/2003 | 142.8 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 8/7/2003 | 144.9 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 9/3/2003 | 144.9 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 10/3/2003 | 142.7 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 11/5/2003 | 140.0 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 12/12/2003 | 139.2 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 1/7/2004 | 139.1 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 2/4/2004 | 138.4 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 3/5/2004 | 138.0 | 210.0 | 299.9 |

Appendix D
Vashon-Maury Island
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Table D-6
Water Level Data

| Site ID | Date | Depth to Water (feet) | Well Depth (feet) | Surface Elevation (feet) |
|------------------|------------|-----------------------|-------------------|--------------------------|
| VMI_VOL_GWL_w-13 | 4/4/2004 | 137.4 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 5/2/2004 | 137.1 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 6/2/2004 | 138.5 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 7/7/2004 | 140.0 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 9/3/2004 | 139.9 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 10/5/2004 | 138.9 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 11/3/2004 | 138.4 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-13 | 12/8/2004 | 137.8 | 210.0 | 299.9 |
| VMI_VOL_GWL_w-14 | 7/12/2001 | 51.6 | 90.0 | 134.0 |
| VMI_VOL_GWL_w-14 | 8/15/2001 | 45.7 | 90.0 | 134.0 |
| VMI_VOL_GWL_w-14 | 9/20/2001 | 45.2 | 90.0 | 134.0 |
| VMI_VOL_GWL_w-14 | 11/29/2001 | 46.2 | 90.0 | 134.0 |
| VMI_VOL_GWL_w-14 | 12/18/2001 | 45.6 | 90.0 | 134.0 |
| VMI_VOL_GWL_w-14 | 3/15/2002 | 45.8 | 90.0 | 134.0 |
| VMI_VOL_GWL_w-15 | 9/19/2000 | 44.4 | 79.0 | 166.0 |
| VMI_VOL_GWL_w-15 | 5/29/2001 | 46.0 | 79.0 | 166.0 |
| VMI_VOL_GWL_w-15 | 6/27/2001 | 48.0 | 79.0 | 166.0 |
| VMI_VOL_GWL_w-15 | 7/25/2001 | 47.1 | 79.0 | 166.0 |
| VMI_VOL_GWL_w-15 | 8/7/2001 | 40.0 | 79.0 | 166.0 |
| VMI_VOL_GWL_w-15 | 8/30/2001 | 47.5 | 79.0 | 166.0 |
| VMI_VOL_GWL_w-15 | 9/19/2001 | 48.0 | 79.0 | 166.0 |
| VMI_VOL_GWL_w-15 | 11/9/2001 | 48.3 | 79.0 | 166.0 |
| VMI_VOL_GWL_w-15 | 11/23/2001 | 48.0 | 79.0 | 166.0 |
| VMI_VOL_GWL_w-15 | 12/24/2001 | 47.2 | 79.0 | 166.0 |
| VMI_VOL_GWL_w-15 | 1/26/2002 | 45.8 | 79.0 | 166.0 |
| VMI_VOL_GWL_w-15 | 2/25/2002 | 44.5 | 79.0 | 166.0 |
| VMI_VOL_GWL_w-15 | 3/26/2002 | 43.3 | 79.0 | 166.0 |
| VMI_VOL_GWL_w-15 | 4/25/2002 | 42.5 | 79.0 | 166.0 |
| VMI_VOL_GWL_w-16 | 6/3/2001 | 94.4 | 249.0 | 150.6 |
| VMI_VOL_GWL_w-16 | 7/26/2001 | 92.5 | 249.0 | 150.6 |
| VMI_VOL_GWL_w-16 | 8/30/2001 | 91.3 | 249.0 | 150.6 |
| VMI_VOL_GWL_w-16 | 9/30/2001 | 90.1 | 249.0 | 150.6 |
| VMI_VOL_GWL_w-16 | 11/27/2001 | 90.8 | 249.0 | 150.6 |
| VMI_VOL_GWL_w-16 | 1/4/2002 | 90.2 | 249.0 | 150.6 |
| VMI_VOL_GWL_w-16 | 2/4/2002 | 90.8 | 249.0 | 150.6 |
| VMI_VOL_GWL_w-16 | 3/8/2002 | 90.8 | 249.0 | 150.6 |
| VMI_VOL_GWL_w-16 | 4/11/2002 | 90.0 | 249.0 | 150.6 |
| VMI_VOL_GWL_w-16 | 5/7/2002 | 90.5 | 249.0 | 150.6 |
| VMI_VOL_GWL_w-17 | 5/13/2001 | 9.8 | 120.0 | 41.7 |
| VMI_VOL_GWL_w-17 | 6/10/2001 | 9.5 | 120.0 | 41.7 |
| VMI_VOL_GWL_w-17 | 8/12/2001 | 9.9 | 120.0 | 41.7 |
| VMI_VOL_GWL_w-17 | 9/15/2001 | 10.9 | 120.0 | 41.7 |
| VMI_VOL_GWL_w-17 | 4/29/2002 | 11.0 | 120.0 | 41.7 |
| VMI_VOL_GWL_w-17 | 4/29/2002 | 11.0 | 120.0 | 41.7 |
| VMI_VOL_GWL_w-17 | 6/27/2002 | 10.6 | 120.0 | 41.7 |
| VMI_VOL_GWL_w-18 | 6/4/2001 | 85.2 | 150.0 | 118.2 |

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Table D-6
Water Level Data

| Site ID | Date | Depth to Water (feet) | Well Depth (feet) | Surface Elevation (feet) |
|------------------|------------|-----------------------|-------------------|--------------------------|
| VMI_VOL_GWL_w-18 | 8/12/2001 | 85.2 | 150.0 | 118.2 |
| VMI_VOL_GWL_w-18 | 9/30/2001 | 85.2 | 150.0 | 118.2 |
| VMI_VOL_GWL_w-18 | 12/31/2001 | 84.7 | 150.0 | 118.2 |
| VMI_VOL_GWL_w-18 | 2/3/2002 | 85.3 | 150.0 | 118.2 |
| VMI_VOL_GWL_w-18 | 4/23/2002 | 52.2 | 150.0 | 118.2 |
| VMI_VOL_GWL_w-18 | 6/10/2002 | 84.2 | 150.0 | 118.2 |
| VMI_VOL_GWL_w-18 | 10/21/2002 | 85.3 | 150.0 | 118.2 |
| VMI_VOL_GWL_w-19 | 5/14/2001 | 63.4 | 102.0 | 291.7 |
| VMI_VOL_GWL_w-19 | 6/30/2001 | 63.8 | 102.0 | 291.7 |
| VMI_VOL_GWL_w-19 | 7/23/2001 | 64.2 | 102.0 | 291.7 |
| VMI_VOL_GWL_w-19 | 8/27/2001 | 64.4 | 102.0 | 291.7 |
| VMI_VOL_GWL_w-19 | 9/23/2001 | 64.8 | 102.0 | 291.7 |
| VMI_VOL_GWL_w-19 | 11/4/2001 | 64.9 | 102.0 | 291.7 |
| VMI_VOL_GWL_w-19 | 11/25/2001 | 65.2 | 102.0 | 291.7 |
| VMI_VOL_GWL_w-19 | 1/1/2002 | 64.9 | 102.0 | 291.7 |
| VMI_VOL_GWL_w-19 | 1/27/2002 | 64.5 | 102.0 | 291.7 |
| VMI_VOL_GWL_w-19 | 3/2/2002 | 63.9 | 102.0 | 291.7 |
| VMI_VOL_GWL_w-19 | 3/23/2002 | 63.4 | 102.0 | 291.7 |
| VMI_VOL_GWL_w-19 | 4/20/2002 | 63.0 | 102.0 | 291.7 |
| VMI_VOL_GWL_w-19 | 5/25/2002 | 62.5 | 102.0 | 291.7 |
| VMI_VOL_GWL_w-19 | 6/22/2002 | 62.6 | 102.0 | 291.7 |
| VMI_VOL_GWL_w-19 | 7/21/2002 | 62.6 | 102.0 | 291.7 |
| VMI_VOL_GWL_w-19 | 8/30/2002 | 62.7 | 102.0 | 291.7 |
| VMI_VOL_GWL_w-19 | 9/29/2002 | 63.2 | 102.0 | 291.7 |
| VMI_VOL_GWL_w-20 | 6/13/2001 | 168.6 | 189.0 | 316.5 |
| VMI_VOL_GWL_w-20 | 7/19/2001 | 168.6 | 189.0 | 316.5 |
| VMI_VOL_GWL_w-20 | 8/19/2001 | 168.8 | 189.0 | 316.5 |
| VMI_VOL_GWL_w-20 | 9/20/2001 | 169.6 | 189.0 | 316.5 |
| VMI_VOL_GWL_w-20 | 10/14/2001 | 169.3 | 189.0 | 316.5 |
| VMI_VOL_GWL_w-20 | 11/17/2001 | 169.9 | 189.0 | 316.5 |
| VMI_VOL_GWL_w-20 | 12/31/2001 | 168.4 | 189.0 | 316.5 |
| VMI_VOL_GWL_w-20 | 1/19/2002 | 169.0 | 189.0 | 316.5 |
| VMI_VOL_GWL_w-20 | 2/22/2002 | 169.0 | 189.0 | 316.5 |
| VMI_VOL_GWL_w-20 | 3/16/2002 | 168.9 | 189.0 | 316.5 |
| VMI_VOL_GWL_w-20 | 4/18/2002 | 169.6 | 189.0 | 316.5 |
| VMI_VOL_GWL_w-20 | 5/20/2002 | 168.9 | 189.0 | 316.5 |
| VMI_VOL_GWL_w-20 | 6/14/2002 | 168.9 | 189.0 | 316.5 |
| VMI_VOL_GWL_w-20 | 7/19/2002 | 168.5 | 189.0 | 316.5 |
| VMI_VOL_GWL_w-20 | 8/13/2002 | 168.8 | 189.0 | 316.5 |
| VMI_VOL_GWL_w-21 | 6/13/2001 | 87.3 | 150.0 | 338.0 |
| VMI_VOL_GWL_w-21 | 7/10/2001 | 87.5 | 150.0 | 338.0 |
| VMI_VOL_GWL_w-21 | 7/30/2001 | 87.4 | 150.0 | 338.0 |
| VMI_VOL_GWL_w-21 | 9/4/2001 | 87.7 | 150.0 | 338.0 |
| VMI_VOL_GWL_w-21 | 9/27/2001 | 87.7 | 150.0 | 338.0 |
| VMI_VOL_GWL_w-21 | 11/9/2001 | 88.1 | 150.0 | 338.0 |
| VMI_VOL_GWL_w-21 | 12/12/2001 | 88.4 | 150.0 | 338.0 |

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Table D-6
Water Level Data

| Site ID | Date | Depth to Water (feet) | Well Depth (feet) | Surface Elevation (feet) |
|------------------|------------|-----------------------|-------------------|--------------------------|
| VMI_VOL_GWL_w-21 | 1/13/2002 | 88.7 | 150.0 | 338.0 |
| VMI_VOL_GWL_w-21 | 2/13/2002 | 88.5 | 150.0 | 338.0 |
| VMI_VOL_GWL_w-21 | 3/15/2002 | 87.8 | 150.0 | 338.0 |
| VMI_VOL_GWL_w-21 | 4/12/2002 | 88.1 | 150.0 | 338.0 |
| VMI_VOL_GWL_w-21 | 6/4/2002 | 88.0 | 150.0 | 338.0 |
| VMI_VOL_GWL_w-21 | 7/3/2002 | 88.2 | 150.0 | 338.0 |
| VMI_VOL_GWL_w-21 | 9/3/2002 | 88.2 | 150.0 | 338.0 |
| VMI_VOL_GWL_w-22 | 7/12/2001 | 3.4 | 26.0 | 65.5 |
| VMI_VOL_GWL_w-22 | 8/16/2001 | 5.3 | 26.0 | 65.5 |
| VMI_VOL_GWL_w-22 | 9/5/2001 | 4.3 | 26.0 | 65.5 |
| VMI_VOL_GWL_w-22 | 10/18/2001 | 5.0 | 26.0 | 65.5 |
| VMI_VOL_GWL_w-22 | 12/7/2001 | 2.6 | 26.0 | 65.5 |
| VMI_VOL_GWL_w-22 | 1/15/2002 | 1.6 | 26.0 | 65.5 |
| VMI_VOL_GWL_w-22 | 2/11/2002 | 1.5 | 26.0 | 65.5 |
| VMI_VOL_GWL_w-22 | 4/20/2002 | 1.5 | 26.0 | 65.5 |
| VMI_VOL_GWL_w-22 | 6/4/2002 | 2.2 | 26.0 | 65.5 |
| VMI_VOL_GWL_w-22 | 7/18/2002 | 3.0 | 26.0 | 65.5 |
| VMI_VOL_GWL_w-22 | 8/19/2002 | 3.5 | 26.0 | 65.5 |
| VMI_VOL_GWL_w-23 | 7/31/2001 | 57.2 | 103.0 | 321.6 |
| VMI_VOL_GWL_w-23 | 10/12/2001 | 58.2 | 103.0 | 321.6 |
| VMI_VOL_GWL_w-23 | 12/4/2001 | 58.5 | 103.0 | 321.6 |
| VMI_VOL_GWL_w-23 | 1/16/2002 | 58.2 | 103.0 | 321.6 |
| VMI_VOL_GWL_w-23 | 2/14/2002 | 57.1 | 103.0 | 321.6 |
| VMI_VOL_GWL_w-23 | 3/19/2002 | 54.7 | 103.0 | 321.6 |
| VMI_VOL_GWL_w-23 | 4/29/2002 | 52.0 | 103.0 | 321.6 |
| VMI_VOL_GWL_w-23 | 6/27/2002 | 50.5 | 103.0 | 321.6 |
| VMI_VOL_GWL_w-23 | 7/31/2002 | 51.1 | 103.0 | 321.6 |
| VMI_VOL_GWL_w-24 | 9/4/2001 | 173.5 | 285.0 | 207.5 |
| VMI_VOL_GWL_w-24 | 10/12/2001 | 173.1 | 285.0 | 207.5 |
| VMI_VOL_GWL_w-24 | 12/4/2001 | 172.1 | 285.0 | 207.5 |
| VMI_VOL_GWL_w-24 | 1/16/2002 | 172.2 | 285.0 | 207.5 |
| VMI_VOL_GWL_w-24 | 2/14/2002 | 172.6 | 285.0 | 207.5 |
| VMI_VOL_GWL_w-24 | 3/19/2002 | 172.6 | 285.0 | 207.5 |
| VMI_VOL_GWL_w-24 | 4/29/2002 | 173.4 | 285.0 | 207.5 |
| VMI_VOL_GWL_w-24 | 7/31/2002 | 175.9 | 285.0 | 207.5 |
| VMI_VOL_GWL_w-26 | 5/18/2001 | 111.2 | 148.0 | 200.0 |
| VMI_VOL_GWL_w-26 | 6/19/2001 | 111.6 | 148.0 | 200.0 |
| VMI_VOL_GWL_w-26 | 7/18/2001 | 111.6 | 148.0 | 200.0 |
| VMI_VOL_GWL_w-26 | 8/17/2001 | 111.9 | 148.0 | 200.0 |
| VMI_VOL_GWL_w-26 | 9/18/2001 | 111.8 | 148.0 | 200.0 |
| VMI_VOL_GWL_w-26 | 10/19/2001 | 111.9 | 148.0 | 200.0 |
| VMI_VOL_GWL_w-26 | 11/19/2001 | 111.8 | 148.0 | 200.0 |
| VMI_VOL_GWL_w-26 | 12/19/2001 | 112.1 | 148.0 | 200.0 |
| VMI_VOL_GWL_w-26 | 1/22/2002 | 111.8 | 148.0 | 200.0 |
| VMI_VOL_GWL_w-26 | 3/4/2002 | 111.3 | 148.0 | 200.0 |
| VMI_VOL_GWL_w-26 | 4/5/2002 | 111.4 | 148.0 | 200.0 |

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Table D-6
Water Level Data

| Site ID | Date | Depth to Water (feet) | Well Depth (feet) | Surface Elevation (feet) |
|------------------|------------|-----------------------|-------------------|--------------------------|
| VMI_VOL_GWL_w-26 | 5/3/2002 | 111.3 | 148.0 | 200.0 |
| VMI_VOL_GWL_w-26 | 6/7/2002 | 111.3 | 148.0 | 200.0 |
| VMI_VOL_GWL_w-26 | 7/5/2002 | 111.7 | 148.0 | 200.0 |
| VMI_VOL_GWL_w-26 | 8/5/2002 | 111.3 | 148.0 | 200.0 |
| VMI_VOL_GWL_w-26 | 9/4/2002 | 111.7 | 148.0 | 200.0 |
| VMI_VOL_GWL_w-26 | 10/9/2002 | 111.5 | 148.0 | 200.0 |
| VMI_VOL_GWL_w-26 | 2/3/2003 | 111.9 | 148.0 | 200.0 |
| VMI_VOL_GWL_w-26 | 3/10/2003 | 111.8 | 148.0 | 200.0 |
| VMI_VOL_GWL_w-26 | 4/14/2003 | 111.8 | 148.0 | 200.0 |
| VMI_VOL_GWL_w-26 | 6/4/2003 | 112.4 | 148.0 | 200.0 |
| VMI_VOL_GWL_w-26 | 7/16/2003 | 113.2 | 148.0 | 200.0 |
| VMI_VOL_GWL_w-26 | 8/18/2003 | 114.9 | 148.0 | 200.0 |
| VMI_VOL_GWL_w-26 | 9/8/2003 | 114.9 | 148.0 | 200.0 |
| VMI_VOL_GWL_w-26 | 10/13/2003 | 113.6 | 148.0 | 200.0 |
| VMI_VOL_GWL_w-26 | 12/3/2003 | 112.6 | 148.0 | 200.0 |
| VMI_VOL_GWL_w-27 | 5/18/2001 | 123.1 | 155.0 | 192.0 |
| VMI_VOL_GWL_w-27 | 6/19/2001 | 123.5 | 155.0 | 192.0 |
| VMI_VOL_GWL_w-27 | 7/18/2001 | 123.3 | 155.0 | 192.0 |
| VMI_VOL_GWL_w-27 | 8/17/2001 | 123.7 | 155.0 | 192.0 |
| VMI_VOL_GWL_w-27 | 9/18/2001 | 123.4 | 155.0 | 192.0 |
| VMI_VOL_GWL_w-27 | 10/19/2001 | 123.6 | 155.0 | 192.0 |
| VMI_VOL_GWL_w-27 | 11/19/2001 | 123.4 | 155.0 | 192.0 |
| VMI_VOL_GWL_w-27 | 12/19/2001 | 123.8 | 155.0 | 192.0 |
| VMI_VOL_GWL_w-27 | 1/22/2002 | 123.4 | 155.0 | 192.0 |
| VMI_VOL_GWL_w-27 | 3/4/2002 | 123.4 | 155.0 | 192.0 |
| VMI_VOL_GWL_w-27 | 4/5/2002 | 123.2 | 155.0 | 192.0 |
| VMI_VOL_GWL_w-27 | 5/3/2002 | 123.0 | 155.0 | 192.0 |
| VMI_VOL_GWL_w-27 | 6/7/2002 | 123.1 | 155.0 | 192.0 |
| VMI_VOL_GWL_w-27 | 8/5/2002 | 123.0 | 155.0 | 192.0 |
| VMI_VOL_GWL_w-27 | 9/4/2002 | 123.3 | 155.0 | 192.0 |
| VMI_VOL_GWL_w-27 | 10/9/2002 | 123.2 | 155.0 | 192.0 |
| VMI_VOL_GWL_w-27 | 2/3/2003 | 123.6 | 155.0 | 192.0 |
| VMI_VOL_GWL_w-27 | 3/10/2003 | 123.5 | 155.0 | 192.0 |
| VMI_VOL_GWL_w-27 | 4/14/2003 | 123.5 | 155.0 | 192.0 |
| VMI_VOL_GWL_w-27 | 6/4/2003 | 124.4 | 155.0 | 192.0 |
| VMI_VOL_GWL_w-27 | 7/16/2003 | 125.4 | 155.0 | 192.0 |
| VMI_VOL_GWL_w-27 | 8/18/2003 | 126.6 | 155.0 | 192.0 |
| VMI_VOL_GWL_w-27 | 9/8/2003 | 127.3 | 155.0 | 192.0 |
| VMI_VOL_GWL_w-27 | 10/13/2003 | 126.6 | 155.0 | 192.0 |
| VMI_VOL_GWL_w-27 | 12/3/2003 | 124.3 | 155.0 | 192.0 |