

**Summary of Chemistry Results
Zone A2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Residences in Zone A2

| |
|---|
| Notes: |
| ND = Not Detected |
| ISP = Incident Specific Parameter |
| EAL = DOH Environmental Action Level |
| EPA MCL = EPA Maximum Contaminant Level |
| All Results shown in Parts per Billion (ppb) |
| § - Exceeds Screening Level |
| -- = No Information Available |
| N (Normal) = Full compliance sample |
| FD (Field Duplicate) = Extra sample taken for quality control |
| N (Grab, Resample) = Additional follow-up sample |

| | | Location ID: | A2-CATA1151 | A2-CATA1159 | A2-CATA1161 | A2-CATA4956 | A2-KAME4718 | A2-KAME4872 | A2-KAME4920 | A2-KAME5008 | |
|-----------------------------------|---------------------------------------|-----------------------------|----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------|
| | | Location Type: | Residence | Residence | Residence | Residence | Residence | Residence | Residence | Residence | |
| | | Address: | 1151 Catalina Drive | 1159 Catalina Drive | 1161 Catalina Drive | 4956 Catalina Lane | 4718 Kamehameha Loop | 4872 Kamehameha Loop | 4920 Kamehameha Loop | 5008 Kamehameha Loop | |
| | | Field Sample ID: | A2-TW-0000375-22090-N | A2-TW-0001801-22090-N | A2-TW-0001802-22090-N | A2-TW-0001827-22090-N | A2-TW-0001848-22090-N | A2-TW-0001887-22090-N | A2-TW-0001901-22090-N | A2-TW-0001915-22090-N | |
| | | Sample Date: | 2022-04-11 | 2022-04-13 | 2022-04-18 | 2022-04-11 | 2022-04-11 | 2022-04-11 | 2022-04-11 | 2022-04-12 | |
| | | Sample Type: | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | |
| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | | | | | | | | |
| Field Test (ppb) | Free Chlorine | 4000 | MCL | 590 | 360 | 460 | 530 | 340 | 560 | 230 | 280 |
| General Chemistry (ppb) | Total Organic Carbon | 2000 | ISP | ND | ND | ND | ND | ND | ND | ND | ND |
| Hydrocarbons (ppb) | Petroleum Hydrocarbons (as Diesel) | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND |
| | Petroleum Hydrocarbons (as Gasoline) | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND |
| | Petroleum Hydrocarbons (as Motor Oil) | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND |
| | Petroleum Hydrocarbons, Total | 211 | ISP | ND | ND | ND | ND | ND | ND | ND | ND |
| Metals (ppb) | Antimony | 6 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Arsenic | 10 | MCL | ND | ND | ND | ND | 0.580 | 0.550 | ND | ND |
| | Barium | 2000 | MCL | 1.90 | 1.80 | 1.90 | 1.90 | 1.90 | 1.80 | 1.90 | 1.90 |
| | Beryllium | 4 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Cadmium | 5 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Chromium | 100 | MCL | 1.60 | 0.800 | 0.840 | 1.60 | 1.80 | 1.60 | 1.80 | 1.60 |
| | Copper | 1300 | MCL | 36.7 | 196 | 23.9 | 47.6 | 43.0 | 53.2 | 52.5 | 87.9 |
| | Lead | 15 | MCL | 0.370 | 0.730 | 0.460 | 0.490 | ND | 0.230 | 3.50 | 0.140 |
| | Mercury | 2 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Selenium | 50 | MCL | ND | 1.40 | ND | ND | ND | ND | ND | ND |
| Synthetic Organic Compounds (ppb) | Thallium | 2 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | 1-Methylnaphthalene | 10 | EAL | ND | ND | ND | ND | ND | ND | ND | ND |
| | 2-Methylnaphthalene | 10 | EAL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Benzo(a)pyrene | 0.2 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Bis(2-ethylhexyl)phthalate | 6 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| Volatile Organic Compounds (ppb) | Naphthalene | 17 | EAL | ND | ND | ND | ND | ND | ND | ND | ND |
| | 1,1,1-Trichloroethane | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND |
| | 1,1,2-Trichloroethane | 5 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |

**Summary of Chemistry Results
Zone A2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Residences in Zone A2

| |
|---|
| Notes: |
| ND = Not Detected |
| ISP = Incident Specific Parameter |
| EAL = DOH Environmental Action Level |
| EPA MCL = EPA Maximum Contaminant Level |
| All Results shown in Parts per Billion (ppb) |
| § - Exceeds Screening Level |
| -- = No Information Available |
| N (Normal) = Full compliance sample |
| FD (Field Duplicate) = Extra sample taken for quality control |
| N (Grab, Resample) = Additional follow-up sample |

| | | Location ID: | A2-CATA1151 | A2-CATA1159 | A2-CATA1161 | A2-CATA4956 | A2-KAME4718 | A2-KAME4872 | A2-KAME4920 | A2-KAME5008 | |
|----------------------------------|--------------------------|-----------------------------|----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----|
| | | Location Type: | Residence | Residence | Residence | Residence | Residence | Residence | Residence | Residence | |
| | | Address: | 1151 Catalina Drive | 1159 Catalina Drive | 1161 Catalina Drive | 4956 Catalina Lane | 4718 Kamehameha Loop | 4872 Kamehameha Loop | 4920 Kamehameha Loop | 5008 Kamehameha Loop | |
| | | Field Sample ID: | A2-TW-0000375-22090-N | A2-TW-0001801-22090-N | A2-TW-0001802-22090-N | A2-TW-0001827-22090-N | A2-TW-0001848-22090-N | A2-TW-0001887-22090-N | A2-TW-0001901-22090-N | A2-TW-0001915-22090-N | |
| | | Sample Date: | 2022-04-11 | 2022-04-13 | 2022-04-18 | 2022-04-11 | 2022-04-11 | 2022-04-11 | 2022-04-11 | 2022-04-12 | |
| | | Sample Type: | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | |
| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | | | | | | | | |
| Volatile Organic Compounds (ppb) | 1,1-Dichloroethene | 7 | MCL | ND | ND | ND | ND | ND | ND | ND | |
| | 1,2,4-Trichlorobenzene | 70 | MCL | ND | ND | ND | ND | ND | ND | ND | |
| | 1,2-Dichlorobenzene | 600 | MCL | ND | ND | ND | ND | ND | ND | ND | |
| | 1,2-Dichloroethane | 5 | MCL | ND | ND | ND | ND | ND | ND | ND | |
| | 1,2-Dichloroethene | 70 | MCL | ND | ND | ND | ND | ND | ND | ND | |
| | 1,2-Dichloropropane | 5 | MCL | ND | ND | ND | ND | ND | ND | ND | |
| | 1,4-Dichlorobenzene | 75 | MCL | ND | ND | ND | ND | ND | ND | ND | |
| | Benzene | 5 | MCL | ND | ND | ND | ND | ND | ND | ND | |
| | Carbon Tetrachloride | 5 | MCL | ND | ND | ND | ND | ND | ND | ND | |
| | Chlorobenzene | 100 | MCL | ND | ND | ND | ND | ND | ND | ND | |
| | cis-1,2-Dichloroethene | 70 | MCL | ND | ND | ND | ND | ND | ND | ND | |
| | Ethylbenzene | 700 | MCL | ND | ND | ND | ND | ND | ND | ND | |
| | m,p-Xylene | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND |
| | Methylene chloride | 5 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | o-Xylene | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND |
| | Styrene | 100 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Tetrachloroethene (PCE) | 5 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Toluene | 1000 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | trans-1,2-Dichloroethene | 100 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Trichloroethene (TCE) | 5 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| Vinyl chloride | 2 | MCL | ND | ND | ND | ND | ND | ND | ND | ND | |
| Xylenes, Total | 10000 | MCL | ND | ND | ND | ND | ND | ND | ND | ND | |
| Haloacetic Acids (ppb) | Bromoacetic acid | -- | -- | ND | ND | ND | ND | ND | ND | ND | |
| | Chloroacetic acid | -- | -- | ND | ND | ND | ND | ND | ND | ND | |

**Summary of Chemistry Results
Zone A2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Residences in Zone A2

| |
|---|
| Notes: |
| ND = Not Detected |
| ISP = Incident Specific Parameter |
| EAL = DOH Environmental Action Level |
| EPA MCL = EPA Maximum Contaminant Level |
| All Results shown in Parts per Billion (ppb) |
| § - Exceeds Screening Level |
| -- = No Information Available |
| N (Normal) = Full compliance sample |
| FD (Field Duplicate) = Extra sample taken for quality control |
| N (Grab, Resample) = Additional follow-up sample |

| | | Location ID: | A2-CATA1151 | A2-CATA1159 | A2-CATA1161 | A2-CATA4956 | A2-KAME4718 | A2-KAME4872 | A2-KAME4920 | A2-KAME5008 |
|------------------------|------------------------|-----------------------------|----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | | Location Type: | Residence | Residence | Residence | Residence | Residence | Residence | Residence | Residence |
| | | Address: | 1151 Catalina Drive | 1159 Catalina Drive | 1161 Catalina Drive | 4956 Catalina Lane | 4718 Kamehameha Loop | 4872 Kamehameha Loop | 4920 Kamehameha Loop | 5008 Kamehameha Loop |
| | | Field Sample ID: | A2-TW-0000375-22090-N | A2-TW-0001801-22090-N | A2-TW-0001802-22090-N | A2-TW-0001827-22090-N | A2-TW-0001848-22090-N | A2-TW-0001887-22090-N | A2-TW-0001901-22090-N | A2-TW-0001915-22090-N |
| | | Sample Date: | 2022-04-11 | 2022-04-13 | 2022-04-18 | 2022-04-11 | 2022-04-11 | 2022-04-11 | 2022-04-11 | 2022-04-12 |
| | | Sample Type: | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) |
| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | | | | | | | |
| Haloacetic Acids (ppb) | Dibromoacetic acid | -- | -- | ND | 1.40 | ND | ND | ND | ND | ND |
| | Dichloroacetic acid | -- | -- | ND | ND | ND | ND | ND | ND | ND |
| | Trichloroacetic acid | -- | -- | ND | ND | ND | ND | ND | ND | ND |
| | Total Haloacetic acids | 60 | MCL | ND | 1.40 | ND | ND | ND | ND | ND |
| Trihalomethanes (ppb) | Bromodichloromethane | -- | -- | ND | ND | ND | ND | ND | ND | ND |
| | Bromoform | -- | -- | ND | ND | ND | 0.560 | 0.520 | ND | 0.670 |
| | Chloroform | -- | -- | ND | ND | ND | ND | ND | ND | ND |
| | Dibromochloromethane | -- | -- | ND | ND | ND | 0.650 | ND | ND | 0.640 |
| | Total Trihalomethanes | 80 | MCL | ND | ND | ND | 1.20 | 0.520 | ND | 1.30 |

**Summary of Chemistry Results
Zone A2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Residences in Zone A2

| |
|---|
| Notes: |
| ND = Not Detected |
| ISP = Incident Specific Parameter |
| EAL = DOH Environmental Action Level |
| EPA MCL = EPA Maximum Contaminant Level |
| All Results shown in Parts per Billion (ppb) |
| § - Exceeds Screening Level |
| -- = No Information Available |
| N (Normal) = Full compliance sample |
| FD (Field Duplicate) = Extra sample taken for quality control |
| N (Grab, Resample) = Additional follow-up sample |

| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | Location ID: A2-KAME5063 | | Location ID: A2-KAME5069 | | Location ID: A2-KAME5114 | Location ID: A2-KAME5129 | Location ID: A2-KAME5263 | Location ID: A2-LANG2774 |
|-----------------------------------|---------------------------------------|-----------------------------|----------------------------------|--|--|--|--|--|--|--|--|
| | | | | Location Type: Residential Child Care | | Location Type: Residential Child Care | | Location Type: Residence | Location Type: Residence | Location Type: Residence | Location Type: Residence |
| | | | | Address: 5063 Kamehameha Loop (CDH) | | Address: 5069 Kamehameha Loop (CDH) | | Address: 5114 Kamehameha Loop | Address: 5129 Kamehameha Loop | Address: 5263 Kamehameha Loop | Address: 2774 Langley Avenue |
| | | | | Field Sample ID: A2-TW-0001928-22090-3-N | Field Sample ID: A2-TW-0001928-22090-N | Field Sample ID: A2-TW-0001932-22090-3-N | Field Sample ID: A2-TW-0001932-22090-N | Field Sample ID: A2-TW-0001937-22090-N | Field Sample ID: A2-TW-0001941-22090-N | Field Sample ID: A2-TW-0001970-22090-N | Field Sample ID: A2-TW-0001975-22090-N |
| | | | | Sample Date: 2022-04-12 | Sample Date: 2022-04-12 | Sample Date: 2022-04-11 | Sample Date: 2022-04-11 | Sample Date: 2022-04-11 | Sample Date: 2022-04-11 | Sample Date: 2022-04-14 | Sample Date: 2022-04-12 |
| | | | | Sample Type: FD (Field Duplicate) | Sample Type: N (Normal) | Sample Type: FD (Field Duplicate) | Sample Type: N (Normal) | Sample Type: N (Normal) | Sample Type: N (Normal) | Sample Type: N (Normal) | Sample Type: N (Normal) |
| Field Test (ppb) | Free Chlorine | 4000 | MCL | 430 | 430 | 530 | 530 | 400 | 590 | 440 | 240 |
| General Chemistry (ppb) | Total Organic Carbon | 2000 | ISP | ND | ND | ND | ND | ND | ND | ND | 230 |
| Hydrocarbons (ppb) | Petroleum Hydrocarbons (as Diesel) | -- | -- | ND | ND | ND | ND | ND | ND | 71.6 | 59.5 |
| | Petroleum Hydrocarbons (as Gasoline) | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND |
| | Petroleum Hydrocarbons (as Motor Oil) | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND |
| | Petroleum Hydrocarbons, Total | 211 | ISP | ND | ND | ND | ND | ND | ND | 71.6 | 59.5 |
| Metals (ppb) | Antimony | 6 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Arsenic | 10 | MCL | ND | ND | 0.620 | ND | ND | ND | ND | ND |
| | Barium | 2000 | MCL | 1.90 | 1.90 | 1.90 | 1.90 | 1.90 | 2.00 | ND | 2.40 |
| | Beryllium | 4 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Cadmium | 5 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Chromium | 100 | MCL | 1.60 | 1.70 | 1.60 | 1.70 | 1.60 | 1.60 | 0.910 | 1.60 |
| | Copper | 1300 | MCL | 33.8 | 33.4 | 56.0 | 59.7 | 89.3 | 19.6 | 82.1 | 43.1 |
| | Lead | 15 | MCL | 0.160 | ND | 0.250 | 0.200 | 0.460 | ND | 1.20 | 0.850 |
| | Mercury | 2 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Selenium | 50 | MCL | ND | ND | ND | ND | ND | ND | 0.500 | ND |
| Synthetic Organic Compounds (ppb) | Thallium | 2 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | 1-Methylnaphthalene | 10 | EAL | ND | ND | ND | ND | ND | ND | ND | ND |
| | 2-Methylnaphthalene | 10 | EAL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Benzo(a)pyrene | 0.2 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Bis(2-ethylhexyl)phthalate | 6 | MCL | ND | ND | ND | ND | ND | ND | 2.90 | ND |
| Volatile Organic Compounds (ppb) | Naphthalene | 17 | EAL | ND | ND | ND | ND | ND | ND | ND | ND |
| | 1,1,1-Trichloroethane | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND |
| | 1,1,2-Trichloroethane | 5 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |

**Summary of Chemistry Results
Zone A2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Residences in Zone A2

| |
|---|
| Notes: |
| ND = Not Detected |
| ISP = Incident Specific Parameter |
| EAL = DOH Environmental Action Level |
| EPA MCL = EPA Maximum Contaminant Level |
| All Results shown in Parts per Billion (ppb) |
| § - Exceeds Screening Level |
| -- = No Information Available |
| N (Normal) = Full compliance sample |
| FD (Field Duplicate) = Extra sample taken for quality control |
| N (Grab, Resample) = Additional follow-up sample |

| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | Location ID: A2-KAME5063 | | Location ID: A2-KAME5069 | | Location ID: A2-KAME5114 | Location ID: A2-KAME5129 | Location ID: A2-KAME5263 | Location ID: A2-LANG2774 |
|----------------------------------|--------------------------|-----------------------------|----------------------------------|--|--|--|--|--|--|--|--|
| | | | | Location Type: Residential Child Care | Address: 5063 Kamehameha Loop (CDH) | Location Type: Residential Child Care | Address: 5069 Kamehameha Loop (CDH) | Residence | Residence | Residence | Residence |
| | | | | Field Sample ID: A2-TW-0001928-22090-3-N | Field Sample ID: A2-TW-0001928-22090-N | Field Sample ID: A2-TW-0001932-22090-3-N | Field Sample ID: A2-TW-0001932-22090-N | Field Sample ID: A2-TW-0001937-22090-N | Field Sample ID: A2-TW-0001941-22090-N | Field Sample ID: A2-TW-0001970-22090-N | Field Sample ID: A2-TW-0001975-22090-N |
| | | | | Sample Date: 2022-04-12 | Sample Date: 2022-04-12 | Sample Date: 2022-04-11 | Sample Date: 2022-04-11 | Sample Date: 2022-04-11 | Sample Date: 2022-04-11 | Sample Date: 2022-04-14 | Sample Date: 2022-04-12 |
| | | | | Sample Type: FD (Field Duplicate) | Sample Type: N (Normal) | Sample Type: FD (Field Duplicate) | Sample Type: N (Normal) | Sample Type: N (Normal) | Sample Type: N (Normal) | Sample Type: N (Normal) | Sample Type: N (Normal) |
| Volatile Organic Compounds (ppb) | 1,1-Dichloroethene | 7 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | 1,2,4-Trichlorobenzene | 70 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | 1,2-Dichlorobenzene | 600 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | 1,2-Dichloroethane | 5 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | 1,2-Dichloroethene | 70 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | 1,2-Dichloropropane | 5 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | 1,4-Dichlorobenzene | 75 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Benzene | 5 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Carbon Tetrachloride | 5 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Chlorobenzene | 100 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | cis-1,2-Dichloroethene | 70 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Ethylbenzene | 700 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | m,p-Xylene | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND |
| | Methylene chloride | 5 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | o-Xylene | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND |
| | Styrene | 100 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Tetrachloroethene (PCE) | 5 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Toluene | 1000 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | trans-1,2-Dichloroethene | 100 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Trichloroethene (TCE) | 5 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| Vinyl chloride | 2 | MCL | ND | ND | ND | ND | ND | ND | ND | ND | |
| Xylenes, Total | 10000 | MCL | ND | ND | ND | ND | ND | ND | ND | ND | |
| Haloacetic Acids (ppb) | Bromoacetic acid | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND |
| | Chloroacetic acid | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND |

**Summary of Chemistry Results
Zone A2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Residences in Zone A2

| |
|---|
| Notes: |
| ND = Not Detected |
| ISP = Incident Specific Parameter |
| EAL = DOH Environmental Action Level |
| EPA MCL = EPA Maximum Contaminant Level |
| All Results shown in Parts per Billion (ppb) |
| § - Exceeds Screening Level |
| -- = No Information Available |
| N (Normal) = Full compliance sample |
| FD (Field Duplicate) = Extra sample taken for quality control |
| N (Grab, Resample) = Additional follow-up sample |

| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | A2-KAME5063 | | A2-KAME5069 | | A2-KAME5114 | A2-KAME5129 | A2-KAME5263 | A2-LANG2774 |
|------------------------|------------------------|-----------------------------|----------------------------------|----------------------------|------------------------|----------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | | | | Location ID: | Location Type: | Address: | Field Sample ID: | Sample Date: | Sample Type: | Residence | Residence |
| | | | | 5063 Kamehameha Loop (CDH) | Residential Child Care | 5069 Kamehameha Loop (CDH) | Residential Child Care | 5114 Kamehameha Loop | 5129 Kamehameha Loop | 5263 Kamehameha Loop | 2774 Langley Avenue |
| | | | | A2-TW-0001928-22090-3-N | A2-TW-0001928-22090-N | A2-TW-0001932-22090-3-N | A2-TW-0001932-22090-N | A2-TW-0001937-22090-N | A2-TW-0001941-22090-N | A2-TW-0001970-22090-N | A2-TW-0001975-22090-N |
| | | | | 2022-04-12 | 2022-04-12 | 2022-04-11 | 2022-04-11 | 2022-04-11 | 2022-04-11 | 2022-04-14 | 2022-04-12 |
| | | | | FD (Field Duplicate) | N (Normal) | FD (Field Duplicate) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) |
| Haloacetic Acids (ppb) | Dibromoacetic acid | -- | -- | ND | ND | ND | ND | ND | ND | ND | 1.20 |
| | Dichloroacetic acid | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND |
| | Trichloroacetic acid | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND |
| | Total Haloacetic acids | 60 | MCL | ND | ND | ND | ND | ND | ND | ND | 1.20 |
| Trihalomethanes (ppb) | Bromodichloromethane | -- | -- | ND | ND | ND | ND | ND | ND | ND | 0.720 |
| | Bromoform | -- | -- | ND | ND | ND | ND | ND | ND | ND | 1.40 |
| | Chloroform | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND |
| | Dibromochloromethane | -- | -- | ND | ND | ND | ND | ND | ND | ND | 1.50 |
| | Total Trihalomethanes | 80 | MCL | ND | ND | ND | ND | ND | ND | ND | 3.60 |

**Summary of Chemistry Results
Zone A2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Residences in Zone A2

| |
|---|
| Notes: |
| ND = Not Detected |
| ISP = Incident Specific Parameter |
| EAL = DOH Environmental Action Level |
| EPA MCL = EPA Maximum Contaminant Level |
| All Results shown in Parts per Billion (ppb) |
| § - Exceeds Screening Level |
| -- = No Information Available |
| N (Normal) = Full compliance sample |
| FD (Field Duplicate) = Extra sample taken for quality control |
| N (Grab, Resample) = Additional follow-up sample |

| | | Location ID: | A2-LEXI4648 | A2-MARY4698 | A2-MARY4707 | A2-MARY4708 | A2-NEVA4698 | A2-OKLA4681 | A2-PRIN4515 | A2-TENN1014 | |
|-----------------------------------|---------------------------------------|-----------------------------|----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------|
| | | Location Type: | Residence | Residence | Residence | Residence | Residence | Residence | Residence | Residence | |
| | | Address: | 4648 Lexington Boulevard | 4698 Maryland Street | 4707 Maryland Street | 4708 Maryland Street | 4698 Nevada Street | 4681 Oklahoma Avenue | 4515 Princeton Place | 1014 Tennessee Lane | |
| | | Field Sample ID: | A2-TW-0001981-22090-N | A2-TW-0001988-22090-N | A2-TW-0001995-22090-N | A2-TW-0001996-22090-N | A2-TW-0002009-22090-N | A2-TW-0002023-22090-N | A2-TW-0002035-22090-N | A2-TW-0002053-22090-N | |
| | | Sample Date: | 2022-04-12 | 2022-04-11 | 2022-04-11 | 2022-04-11 | 2022-04-12 | 2022-04-11 | 2022-04-11 | 2022-04-11 | |
| | | Sample Type: | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | |
| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | | | | | | | | |
| Field Test (ppb) | Free Chlorine | 4000 | MCL | 400 | 550 | 660 | 630 | 590 | 500 | 230 | 510 |
| General Chemistry (ppb) | Total Organic Carbon | 2000 | ISP | ND | ND | ND | ND | ND | ND | ND | ND |
| Hydrocarbons (ppb) | Petroleum Hydrocarbons (as Diesel) | -- | -- | ND | ND | ND | ND | ND | 57.7 | ND | ND |
| | Petroleum Hydrocarbons (as Gasoline) | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND |
| | Petroleum Hydrocarbons (as Motor Oil) | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND |
| | Petroleum Hydrocarbons, Total | 211 | ISP | ND | ND | ND | ND | ND | 57.7 | ND | ND |
| Metals (ppb) | Antimony | 6 | MCL | ND | ND | ND | ND | 0.140 | ND | ND | ND |
| | Arsenic | 10 | MCL | ND | ND | ND | 0.610 | ND | ND | 0.500 | ND |
| | Barium | 2000 | MCL | 2.40 | 1.90 | 1.90 | 1.90 | 1.90 | 1.90 | 1.90 | 1.90 |
| | Beryllium | 4 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Cadmium | 5 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Chromium | 100 | MCL | 1.60 | 1.70 | 1.60 | 1.80 | 1.80 | 1.70 | 1.70 | 1.60 |
| | Copper | 1300 | MCL | 16.3 | 10.5 | 14.0 | 12.1 | 6.30 | 16.1 | 30.5 | 6.20 |
| | Lead | 15 | MCL | 0.630 | 0.430 | 0.500 | 0.440 | 0.250 | 0.560 | 0.500 | 0.200 |
| | Mercury | 2 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Selenium | 50 | MCL | ND | ND | ND | ND | ND | ND | 0.300 | ND |
| Synthetic Organic Compounds (ppb) | Thallium | 2 | MCL | ND | ND | ND | ND | 0.0530 | ND | ND | ND |
| | 1-Methylnaphthalene | 10 | EAL | ND | ND | ND | ND | ND | ND | ND | ND |
| | 2-Methylnaphthalene | 10 | EAL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Benzo(a)pyrene | 0.2 | MCL | 0.0110 | ND | ND | ND | ND | ND | ND | ND |
| | Bis(2-ethylhexyl)phthalate | 6 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| Volatile Organic Compounds (ppb) | Naphthalene | 17 | EAL | ND | ND | ND | ND | ND | ND | ND | ND |
| | 1,1,1-Trichloroethane | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND |
| | 1,1,2-Trichloroethane | 5 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |

**Summary of Chemistry Results
Zone A2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Residences in Zone A2

| |
|---|
| Notes: |
| ND = Not Detected |
| ISP = Incident Specific Parameter |
| EAL = DOH Environmental Action Level |
| EPA MCL = EPA Maximum Contaminant Level |
| All Results shown in Parts per Billion (ppb) |
| § - Exceeds Screening Level |
| -- = No Information Available |
| N (Normal) = Full compliance sample |
| FD (Field Duplicate) = Extra sample taken for quality control |
| N (Grab, Resample) = Additional follow-up sample |

| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | Location ID: | A2-LEXI4648 | A2-MARY4698 | A2-MARY4707 | A2-MARY4708 | A2-NEVA4698 | A2-OKLA4681 | A2-PRIN4515 | A2-TENN1014 |
|----------------------------------|--------------------------|-----------------------------|----------------------------------|----------------|--------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | | | | Location Type: | Address: | Field Sample ID: | Sample Date: | Sample Type: | Residence | Residence | Residence | Residence |
| | | | | | 4648 Lexington Boulevard | 4698 Maryland Street | 4707 Maryland Street | 4708 Maryland Street | 4698 Nevada Street | 4681 Oklahoma Avenue | 4515 Princeton Place | 1014 Tennessee Lane |
| | | | | | A2-TW-0001981-22090-N | A2-TW-0001988-22090-N | A2-TW-0001995-22090-N | A2-TW-0001996-22090-N | A2-TW-0002009-22090-N | A2-TW-0002023-22090-N | A2-TW-0002035-22090-N | A2-TW-0002053-22090-N |
| | | | | | 2022-04-12 | 2022-04-11 | 2022-04-11 | 2022-04-11 | 2022-04-12 | 2022-04-11 | 2022-04-11 | 2022-04-11 |
| | | | | | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) |
| Volatile Organic Compounds (ppb) | 1,1-Dichloroethene | 7 | MCL | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 1,2,4-Trichlorobenzene | 70 | MCL | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 1,2-Dichlorobenzene | 600 | MCL | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 1,2-Dichloroethane | 5 | MCL | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 1,2-Dichloroethene | 70 | MCL | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 1,2-Dichloropropane | 5 | MCL | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 1,4-Dichlorobenzene | 75 | MCL | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | Benzene | 5 | MCL | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | Carbon Tetrachloride | 5 | MCL | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | Chlorobenzene | 100 | MCL | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | cis-1,2-Dichloroethene | 70 | MCL | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | Ethylbenzene | 700 | MCL | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | m,p-Xylene | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | Methylene chloride | 5 | MCL | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | o-Xylene | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | Styrene | 100 | MCL | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | Tetrachloroethene (PCE) | 5 | MCL | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | Toluene | 1000 | MCL | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | trans-1,2-Dichloroethene | 100 | MCL | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | Trichloroethene (TCE) | 5 | MCL | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | Vinyl chloride | 2 | MCL | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | Xylenes, Total | 10000 | MCL | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Haloacetic Acids (ppb) | Bromoacetic acid | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | Chloroacetic acid | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | ND |

**Summary of Chemistry Results
Zone A2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Residences in Zone A2

| |
|---|
| Notes: |
| ND = Not Detected |
| ISP = Incident Specific Parameter |
| EAL = DOH Environmental Action Level |
| EPA MCL = EPA Maximum Contaminant Level |
| All Results shown in Parts per Billion (ppb) |
| § - Exceeds Screening Level |
| -- = No Information Available |
| N (Normal) = Full compliance sample |
| FD (Field Duplicate) = Extra sample taken for quality control |
| N (Grab, Resample) = Additional follow-up sample |

| | | Location ID: | A2-LEXI4648 | A2-MARY4698 | A2-MARY4707 | A2-MARY4708 | A2-NEVA4698 | A2-OKLA4681 | A2-PRIN4515 | A2-TENN1014 |
|------------------------|------------------------|-----------------------------|----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | | Location Type: | Residence | Residence | Residence | Residence | Residence | Residence | Residence | Residence |
| | | Address: | 4648 Lexington Boulevard | 4698 Maryland Street | 4707 Maryland Street | 4708 Maryland Street | 4698 Nevada Street | 4681 Oklahoma Avenue | 4515 Princeton Place | 1014 Tennessee Lane |
| | | Field Sample ID: | A2-TW-0001981-22090-N | A2-TW-0001988-22090-N | A2-TW-0001995-22090-N | A2-TW-0001996-22090-N | A2-TW-0002009-22090-N | A2-TW-0002023-22090-N | A2-TW-0002035-22090-N | A2-TW-0002053-22090-N |
| | | Sample Date: | 2022-04-12 | 2022-04-11 | 2022-04-11 | 2022-04-11 | 2022-04-12 | 2022-04-11 | 2022-04-11 | 2022-04-11 |
| | | Sample Type: | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) |
| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | | | | | | | |
| Haloacetic Acids (ppb) | Dibromoacetic acid | -- | -- | ND | ND | ND | ND | ND | ND | ND |
| | Dichloroacetic acid | -- | -- | ND | ND | ND | ND | ND | ND | ND |
| | Trichloroacetic acid | -- | -- | ND | ND | ND | ND | ND | ND | ND |
| | Total Haloacetic acids | 60 | MCL | ND | ND | ND | ND | ND | ND | ND |
| Trihalomethanes (ppb) | Bromodichloromethane | -- | -- | 0.830 | ND | ND | 0.790 | ND | ND | ND |
| | Bromoform | -- | -- | 1.80 | ND | ND | 0.810 | ND | 0.560 | ND |
| | Chloroform | -- | -- | ND | ND | ND | 0.560 | ND | ND | ND |
| | Dibromochloromethane | -- | -- | 1.80 | ND | ND | 1.30 | ND | 0.650 | ND |
| | Total Trihalomethanes | 80 | MCL | 4.40 | ND | ND | 3.40 | ND | 1.20 | ND |

**Summary of Chemistry Results
Zone A2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Residences in Zone A2

| |
|---|
| Notes: |
| ND = Not Detected |
| ISP = Incident Specific Parameter |
| EAL = DOH Environmental Action Level |
| EPA MCL = EPA Maximum Contaminant Level |
| All Results shown in Parts per Billion (ppb) |
| § - Exceeds Screening Level |
| -- = No Information Available |
| N (Normal) = Full compliance sample |
| FD (Field Duplicate) = Extra sample taken for quality control |
| N (Grab, Resample) = Additional follow-up sample |

| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | Location Information | |
|-----------------------------------|---------------------------------------|-----------------------------|----------------------------------|------------------------|-----------------------|
| | | | | Location ID | Location Type |
| | | | | A2-WASP4950 | A2-WASP4960 |
| | | | | Residential Child Care | Residence |
| | | | | 4950 Wasp BLVD (CDH) | 4960 Wasp Boulevard |
| | | | | A2-TW-0002124-22090-N | A2-TW-0002127-22090-N |
| | | | | 2022-04-15 | 2022-04-11 |
| | | | | N (Normal) | N (Normal) |
| Field Test (ppb) | Free Chlorine | 4000 | MCL | 390 | 390 |
| General Chemistry (ppb) | Total Organic Carbon | 2000 | ISP | ND | ND |
| Hydrocarbons (ppb) | Petroleum Hydrocarbons (as Diesel) | -- | -- | ND | ND |
| | Petroleum Hydrocarbons (as Gasoline) | -- | -- | ND | ND |
| | Petroleum Hydrocarbons (as Motor Oil) | -- | -- | ND | ND |
| | Petroleum Hydrocarbons, Total | 211 | ISP | ND | ND |
| Metals (ppb) | Antimony | 6 | MCL | 0.150 | ND |
| | Arsenic | 10 | MCL | ND | ND |
| | Barium | 2000 | MCL | ND | 1.90 |
| | Beryllium | 4 | MCL | ND | ND |
| | Cadmium | 5 | MCL | ND | ND |
| | Chromium | 100 | MCL | 0.960 | 1.70 |
| | Copper | 1300 | MCL | 108 | 79.9 |
| | Lead | 15 | MCL | 0.680 | 5.90 |
| | Mercury | 2 | MCL | ND | ND |
| | Selenium | 50 | MCL | ND | ND |
| Synthetic Organic Compounds (ppb) | Thallium | 2 | MCL | ND | ND |
| | 1-Methylnaphthalene | 10 | EAL | ND | ND |
| | 2-Methylnaphthalene | 10 | EAL | ND | ND |
| | Benzo(a)pyrene | 0.2 | MCL | ND | ND |
| | Bis(2-ethylhexyl)phthalate | 6 | MCL | ND | ND |
| Volatile Organic Compounds (ppb) | Naphthalene | 17 | EAL | ND | ND |
| | 1,1,1-Trichloroethane | -- | -- | ND | ND |
| | 1,1,2-Trichloroethane | 5 | MCL | ND | ND |

**Summary of Chemistry Results
Zone A2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Residences in Zone A2

| |
|---|
| Notes: |
| ND = Not Detected |
| ISP = Incident Specific Parameter |
| EAL = DOH Environmental Action Level |
| EPA MCL = EPA Maximum Contaminant Level |
| All Results shown in Parts per Billion (ppb) |
| § - Exceeds Screening Level |
| -- = No Information Available |
| N (Normal) = Full compliance sample |
| FD (Field Duplicate) = Extra sample taken for quality control |
| N (Grab, Resample) = Additional follow-up sample |

| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | Location Information | |
|----------------------------------|--------------------------|-----------------------------|----------------------------------|------------------------|-----------------------|
| | | | | Location ID | Location Type |
| | | | | A2-WASP4950 | A2-WASP4960 |
| | | | | Residential Child Care | Residence |
| | | | | 4950 Wasp BLVD (CDH) | 4960 Wasp Boulevard |
| | | | | A2-TW-0002124-22090-N | A2-TW-0002127-22090-N |
| | | | | 2022-04-15 | 2022-04-11 |
| | | | | N (Normal) | N (Normal) |
| Volatile Organic Compounds (ppb) | 1,1-Dichloroethene | 7 | MCL | ND | ND |
| | 1,2,4-Trichlorobenzene | 70 | MCL | ND | ND |
| | 1,2-Dichlorobenzene | 600 | MCL | ND | ND |
| | 1,2-Dichloroethane | 5 | MCL | ND | ND |
| | 1,2-Dichloroethene | 70 | MCL | ND | ND |
| | 1,2-Dichloropropane | 5 | MCL | ND | ND |
| | 1,4-Dichlorobenzene | 75 | MCL | ND | ND |
| | Benzene | 5 | MCL | ND | ND |
| | Carbon Tetrachloride | 5 | MCL | ND | ND |
| | Chlorobenzene | 100 | MCL | ND | ND |
| | cis-1,2-Dichloroethene | 70 | MCL | ND | ND |
| | Ethylbenzene | 700 | MCL | ND | ND |
| | m,p-Xylene | -- | -- | ND | ND |
| | Methylene chloride | 5 | MCL | ND | ND |
| | o-Xylene | -- | -- | ND | ND |
| | Styrene | 100 | MCL | ND | ND |
| | Tetrachloroethene (PCE) | 5 | MCL | ND | ND |
| | Toluene | 1000 | MCL | ND | ND |
| | trans-1,2-Dichloroethene | 100 | MCL | ND | ND |
| | Trichloroethene (TCE) | 5 | MCL | ND | ND |
| | Vinyl chloride | 2 | MCL | ND | ND |
| | Xylenes, Total | 10000 | MCL | ND | ND |
| Haloacetic Acids (ppb) | Bromoacetic acid | -- | -- | ND | ND |
| | Chloroacetic acid | -- | -- | ND | ND |

**Summary of Chemistry Results
Zone A2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Residences in Zone A2

| |
|---|
| Notes: |
| ND = Not Detected |
| ISP = Incident Specific Parameter |
| EAL = DOH Environmental Action Level |
| EPA MCL = EPA Maximum Contaminant Level |
| All Results shown in Parts per Billion (ppb) |
| § - Exceeds Screening Level |
| -- = No Information Available |
| N (Normal) = Full compliance sample |
| FD (Field Duplicate) = Extra sample taken for quality control |
| N (Grab, Resample) = Additional follow-up sample |

| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | Location ID: | A2-WASP4950 | A2-WASP4960 |
|------------------------|------------------------|-----------------------------|----------------------------------|------------------|------------------------|-----------------------|
| | | | | Location Type: | Residential Child Care | Residence |
| | | | | Address: | 4950 Wasp BLVD (CDH) | 4960 Wasp Boulevard |
| | | | | Field Sample ID: | A2-TW-0002124-22090-N | A2-TW-0002127-22090-N |
| | | | | Sample Date: | 2022-04-15 | 2022-04-11 |
| | | | | Sample Type: | N (Normal) | N (Normal) |
| Haloacetic Acids (ppb) | Dibromoacetic acid | -- | -- | ND | ND | ND |
| | Dichloroacetic acid | -- | -- | ND | ND | ND |
| | Trichloroacetic acid | -- | -- | ND | ND | ND |
| | Total Haloacetic acids | 60 | MCL | ND | ND | ND |
| Trihalomethanes (ppb) | Bromodichloromethane | -- | -- | 1.20 | 2.60 | 2.60 |
| | Bromoform | -- | -- | 2.00 | 6.00 | 6.00 |
| | Chloroform | -- | -- | 0.950 | 1.70 | 1.70 |
| | Dibromochloromethane | -- | -- | 2.40 | 5.90 | 5.90 |
| | Total Trihalomethanes | 80 | MCL | 6.50 | 16.2 | 16.2 |

**Summary of Chemistry Results
Zone A2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Child Development Centers in Zone A2

| |
|---|
| Notes: |
| ND = Not Detected |
| ISP = Incident Specific Parameter |
| EAL = DOH Environmental Action Level |
| EPA MCL = EPA Maximum Contaminant Level |
| All Results shown in Parts per Billion (ppb) |
| § - Exceeds Screening Level |
| -- = No Information Available |
| N (Normal) = Full compliance sample |
| FD (Field Duplicate) = Extra sample taken for quality control |
| N (Grab, Resample) = Additional follow-up sample |

| | | |
|-------------------------|---------------------------------------|-------------------------|
| Location ID: | A2-BLDG0570 | |
| Location Type: | Child Development Center | |
| Address: | Building 570,CHILD DEVELOPMENT CENTER | |
| Field Sample ID: | A2-TW-0014310-22090-N-1 | A2-TW-0014310-22090-N-2 |
| Sample Date: | 2022-04-12 | 2022-04-12 |
| Sample Type: | N (Normal) | N (Normal) |

| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | 350-530 | 350-530 |
|-----------------------------------|---------------------------------------|-----------------------------|----------------------------------|---------|---------|
| Field Test (ppb) | Free Chlorine | 4000 | MCL | 350-530 | 350-530 |
| General Chemistry (ppb) | Total Organic Carbon | 2000 | ISP | ND | ND |
| Hydrocarbons (ppb) | Petroleum Hydrocarbons (as Diesel) | -- | -- | ND | ND |
| | Petroleum Hydrocarbons (as Gasoline) | -- | -- | ND | ND |
| | Petroleum Hydrocarbons (as Motor Oil) | -- | -- | ND | ND |
| | Petroleum Hydrocarbons, Total | 211 | ISP | ND | ND |
| Metals (ppb) | Antimony | 6 | MCL | ND | ND |
| | Arsenic | 10 | MCL | ND | ND |
| | Barium | 2000 | MCL | 2.00 | 1.90 |
| | Beryllium | 4 | MCL | ND | ND |
| | Cadmium | 5 | MCL | ND | ND |
| | Chromium | 100 | MCL | 1.80 | 1.60 |
| | Copper | 1300 | MCL | 38.0 | 41.4 |
| | Lead | 15 | MCL | 0.170 | ND |
| | Mercury | 2 | MCL | ND | ND |
| | Selenium | 50 | MCL | ND | ND |
| | Thallium | 2 | MCL | ND | ND |
| Synthetic Organic Compounds (ppb) | 1-Methylnaphthalene | 10 | EAL | ND | ND |
| | 2-Methylnaphthalene | 10 | EAL | ND | ND |
| | Benzo(a)pyrene | 0.2 | MCL | ND | ND |
| | Bis(2-ethylhexyl)phthalate | 6 | MCL | ND | ND |
| | Naphthalene | 17 | EAL | ND | ND |
| Volatile Organic Compounds (ppb) | 1,1,1-Trichloroethane | -- | -- | ND | ND |

**Summary of Chemistry Results
Zone A2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Child Development Centers in Zone A2

| |
|---|
| Notes: |
| ND = Not Detected |
| ISP = Incident Specific Parameter |
| EAL = DOH Environmental Action Level |
| EPA MCL = EPA Maximum Contaminant Level |
| All Results shown in Parts per Billion (ppb) |
| § - Exceeds Screening Level |
| -- = No Information Available |
| N (Normal) = Full compliance sample |
| FD (Field Duplicate) = Extra sample taken for quality control |
| N (Grab, Resample) = Additional follow-up sample |

| | | |
|-------------------------|---------------------------------------|-------------------------|
| Location ID: | A2-BLDG0570 | |
| Location Type: | Child Development Center | |
| Address: | Building 570,CHILD DEVELOPMENT CENTER | |
| Field Sample ID: | A2-TW-0014310-22090-N-1 | A2-TW-0014310-22090-N-2 |
| Sample Date: | 2022-04-12 | 2022-04-12 |
| Sample Type: | N (Normal) | N (Normal) |

| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | | |
|----------------------------------|--------------------------|-----------------------------|----------------------------------|----|----|
| Volatile Organic Compounds (ppb) | 1,1,2-Trichloroethane | 5 | MCL | ND | ND |
| | 1,1-Dichloroethene | 7 | MCL | ND | ND |
| | 1,2,4-Trichlorobenzene | 70 | MCL | ND | ND |
| | 1,2-Dichlorobenzene | 600 | MCL | ND | ND |
| | 1,2-Dichloroethane | 5 | MCL | ND | ND |
| | 1,2-Dichloroethene | 70 | MCL | ND | ND |
| | 1,2-Dichloropropane | 5 | MCL | ND | ND |
| | 1,4-Dichlorobenzene | 75 | MCL | ND | ND |
| | Benzene | 5 | MCL | ND | ND |
| | Carbon Tetrachloride | 5 | MCL | ND | ND |
| | Chlorobenzene | 100 | MCL | ND | ND |
| | cis-1,2-Dichloroethene | 70 | MCL | ND | ND |
| | Ethylbenzene | 700 | MCL | ND | ND |
| | m,p-Xylene | -- | -- | ND | ND |
| | Methylene chloride | 5 | MCL | ND | ND |
| | o-Xylene | -- | -- | ND | ND |
| | Styrene | 100 | MCL | ND | ND |
| | Tetrachloroethene (PCE) | 5 | MCL | ND | ND |
| | Toluene | 1000 | MCL | ND | ND |
| | trans-1,2-Dichloroethene | 100 | MCL | ND | ND |
| Trichloroethene (TCE) | 5 | MCL | ND | ND | |
| Vinyl chloride | 2 | MCL | ND | ND | |
| Xylenes, Total | 10000 | MCL | ND | ND | |

**Summary of Chemistry Results
 Zone A2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Child Development Centers in Zone A2

| |
|---|
| Notes: |
| ND = Not Detected |
| ISP = Incident Specific Parameter |
| EAL = DOH Environmental Action Level |
| EPA MCL = EPA Maximum Contaminant Level |
| All Results shown in Parts per Billion (ppb) |
| § - Exceeds Screening Level |
| -- = No Information Available |
| N (Normal) = Full compliance sample |
| FD (Field Duplicate) = Extra sample taken for quality control |
| N (Grab, Resample) = Additional follow-up sample |

| | | |
|-------------------------|---------------------------------------|-------------------------|
| Location ID: | A2-BLDG0570 | |
| Location Type: | Child Development Center | |
| Address: | Building 570,CHILD DEVELOPMENT CENTER | |
| Field Sample ID: | A2-TW-0014310-22090-N-1 | A2-TW-0014310-22090-N-2 |
| Sample Date: | 2022-04-12 | 2022-04-12 |
| Sample Type: | N (Normal) | N (Normal) |

| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | | |
|------------------------|------------------------|-----------------------------|----------------------------------|----|----|
| Haloacetic Acids (ppb) | Bromoacetic acid | -- | -- | ND | ND |
| | Chloroacetic acid | -- | -- | ND | ND |
| | Dibromoacetic acid | -- | -- | ND | ND |
| | Dichloroacetic acid | -- | -- | ND | ND |
| | Trichloroacetic acid | -- | -- | ND | ND |
| | Total Haloacetic acids | 60 | MCL | ND | ND |
| Trihalomethanes (ppb) | Bromodichloromethane | -- | -- | ND | ND |
| | Bromoform | -- | -- | ND | ND |
| | Chloroform | -- | -- | ND | ND |
| | Dibromochloromethane | -- | -- | ND | ND |
| | Total Trihalomethanes | 80 | MCL | ND | ND |

**Summary of Chemistry Results
Zone A2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Other Buildings in Zone A2

| |
|---|
| Notes: |
| ND = Not Detected |
| ISP = Incident Specific Parameter |
| EAL = DOH Environmental Action Level |
| EPA MCL = EPA Maximum Contaminant Level |
| All Results shown in Parts per Billion (ppb) |
| § - Exceeds Screening Level |
| -- = No Information Available |
| N (Normal) = Full compliance sample |
| FD (Field Duplicate) = Extra sample taken for quality control |
| N (Grab, Resample) = Additional follow-up sample |

| | | Location ID: | A2-BLDG0169 | A2-BLDG0187 | A2-BLDG0459 | A2-BLDG0510 | A2-BLDG167B | A2-BLDG208A | |
|-----------------------------------|---------------------------------------|-----------------------------|-----------------------------------|--------------------------------|-------------------------------------|--|-------------------------------------|--|-------------|
| | | Location Type: | Non-Residence | Non-Residence | Non-Residence | Non-Residence | Non-Residence | Non-Residence | |
| | | Address: | Building 169, OPERATIONAL STORAGE | Building 187, NAVY LODGE ANNEX | Building 459, NUWC BLDG FORD ISLAND | Building 510, PACIFIC WARFIGHTING CENTER | Building 167B NUWC BLDG FORD ISLAND | Building 208A OPERATIONAL ADMIN OFFICE | |
| | | Field Sample ID: | A2-TW-0014283-22090-N | A2-TW-0014286-22090-N | A2-TW-0014299-22090-N | A2-TW-0014309-22090-N | A2-TW-0017696-22090-N | A2-TW-0017699-22090-N | |
| | | Sample Date: | 2022-04-12 | 2022-04-14 | 2022-04-12 | 2022-04-11 | 2022-04-12 | 2022-04-18 | |
| | | Sample Type: | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | |
| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | A2-BLDG0169 | A2-BLDG0187 | A2-BLDG0459 | A2-BLDG0510 | A2-BLDG167B | A2-BLDG208A |
| Field Test (ppb) | Free Chlorine | 4000 | MCL | 80.0 | 480 | 450 | 10.0 | 40.0 | 10.0 |
| General Chemistry (ppb) | Total Organic Carbon | 2000 | ISP | ND | ND | ND | ND | ND | ND |
| Hydrocarbons (ppb) | Petroleum Hydrocarbons (as Diesel) | -- | -- | ND | 65.9 | ND | ND | ND | ND |
| | Petroleum Hydrocarbons (as Gasoline) | -- | -- | ND | ND | ND | ND | ND | ND |
| | Petroleum Hydrocarbons (as Motor Oil) | -- | -- | ND | ND | ND | ND | ND | ND |
| | Petroleum Hydrocarbons, Total | 211 | ISP | ND | 65.9 | ND | ND | ND | ND |
| Metals (ppb) | Antimony | 6 | MCL | ND | ND | ND | ND | ND | ND |
| | Arsenic | 10 | MCL | ND | ND | ND | ND | ND | ND |
| | Barium | 2000 | MCL | 3.10 | ND | 2.40 | 1.80 | 1.80 | 0.520 |
| | Beryllium | 4 | MCL | ND | ND | ND | ND | ND | ND |
| | Cadmium | 5 | MCL | ND | ND | ND | ND | ND | ND |
| | Chromium | 100 | MCL | 1.30 | 0.950 | 1.70 | 1.70 | 1.60 | ND |
| | Copper | 1300 | MCL | 3.50 | 19.4 | 103 | 276 | 57.2 | 3.90 |
| | Lead | 15 | MCL | 0.330 | 0.140 | 0.160 | 0.210 | 0.280 | ND |
| | Mercury | 2 | MCL | ND | ND | ND | ND | ND | ND |
| | Selenium | 50 | MCL | ND | 0.890 | ND | ND | ND | ND |
| Synthetic Organic Compounds (ppb) | Thallium | 2 | MCL | ND | ND | ND | ND | ND | ND |
| | 1-Methylnaphthalene | 10 | EAL | ND | ND | ND | ND | ND | ND |
| | 2-Methylnaphthalene | 10 | EAL | ND | ND | ND | ND | ND | ND |
| | Benzo(a)pyrene | 0.2 | MCL | ND | ND | ND | ND | ND | ND |
| | Bis(2-ethylhexyl)phthalate | 6 | MCL | ND | ND | ND | ND | ND | ND |
| Volatile Organic Compounds (ppb) | Naphthalene | 17 | EAL | ND | ND | ND | ND | ND | ND |
| | 1,1,1-Trichloroethane | -- | -- | ND | ND | ND | ND | ND | ND |
| | 1,1,2-Trichloroethane | 5 | MCL | ND | ND | ND | ND | ND | ND |

**Summary of Chemistry Results
Zone A2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Other Buildings in Zone A2

| |
|---|
| Notes: |
| ND = Not Detected |
| ISP = Incident Specific Parameter |
| EAL = DOH Environmental Action Level |
| EPA MCL = EPA Maximum Contaminant Level |
| All Results shown in Parts per Billion (ppb) |
| § - Exceeds Screening Level |
| -- = No Information Available |
| N (Normal) = Full compliance sample |
| FD (Field Duplicate) = Extra sample taken for quality control |
| N (Grab, Resample) = Additional follow-up sample |

| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | Location ID: | Location ID: | Location ID: | Location ID: | Location ID: | Location ID: |
|----------------------------------|--------------------------|-----------------------------|----------------------------------|-----------------------------------|--------------------------------|-------------------------------------|--|-------------------------------------|--|
| | | | | A2-BLDG0169 | A2-BLDG0187 | A2-BLDG0459 | A2-BLDG0510 | A2-BLDG167B | A2-BLDG208A |
| | | | | Non-Residence | Non-Residence | Non-Residence | Non-Residence | Non-Residence | Non-Residence |
| | | | | Building 169, OPERATIONAL STORAGE | Building 187, NAVY LODGE ANNEX | Building 459, NUWC BLDG FORD ISLAND | Building 510, PACIFIC WARFIGHTING CENTER | Building 167B NUWC BLDG FORD ISLAND | Building 208A OPERATIONAL ADMIN OFFICE |
| | | | | A2-TW-0014283-22090-N | A2-TW-0014286-22090-N | A2-TW-0014299-22090-N | A2-TW-0014309-22090-N | A2-TW-0017696-22090-N | A2-TW-0017699-22090-N |
| | | | | 2022-04-12 | 2022-04-14 | 2022-04-12 | 2022-04-11 | 2022-04-12 | 2022-04-18 |
| | | | | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) |
| Volatile Organic Compounds (ppb) | 1,1-Dichloroethene | 7 | MCL | ND | ND | ND | ND | ND | ND |
| | 1,2,4-Trichlorobenzene | 70 | MCL | ND | ND | ND | ND | ND | ND |
| | 1,2-Dichlorobenzene | 600 | MCL | ND | ND | ND | ND | ND | ND |
| | 1,2-Dichloroethane | 5 | MCL | ND | ND | ND | ND | ND | ND |
| | 1,2-Dichloroethene | 70 | MCL | ND | ND | ND | ND | ND | ND |
| | 1,2-Dichloropropane | 5 | MCL | ND | ND | ND | ND | ND | ND |
| | 1,4-Dichlorobenzene | 75 | MCL | ND | ND | ND | ND | ND | ND |
| | Benzene | 5 | MCL | ND | ND | ND | ND | ND | ND |
| | Carbon Tetrachloride | 5 | MCL | ND | ND | ND | ND | ND | ND |
| | Chlorobenzene | 100 | MCL | ND | ND | ND | ND | ND | ND |
| | cis-1,2-Dichloroethene | 70 | MCL | ND | ND | ND | ND | ND | ND |
| | Ethylbenzene | 700 | MCL | ND | ND | ND | ND | ND | ND |
| | m,p-Xylene | -- | -- | ND | ND | ND | ND | ND | ND |
| | Methylene chloride | 5 | MCL | ND | ND | ND | ND | ND | ND |
| | o-Xylene | -- | -- | ND | ND | ND | ND | ND | ND |
| | Styrene | 100 | MCL | ND | ND | ND | ND | ND | ND |
| | Tetrachloroethene (PCE) | 5 | MCL | ND | ND | ND | ND | ND | ND |
| | Toluene | 1000 | MCL | ND | ND | ND | ND | ND | ND |
| | trans-1,2-Dichloroethene | 100 | MCL | ND | ND | ND | ND | ND | ND |
| | Trichloroethene (TCE) | 5 | MCL | ND | ND | ND | ND | ND | ND |
| | Vinyl chloride | 2 | MCL | ND | ND | ND | ND | ND | ND |
| | Xylenes, Total | 10000 | MCL | ND | ND | ND | ND | ND | ND |
| Haloacetic Acids (ppb) | Bromoacetic acid | -- | -- | ND | ND | ND | ND | ND | ND |
| | Chloroacetic acid | -- | -- | ND | ND | ND | ND | ND | ND |

**Summary of Chemistry Results
Zone A2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Other Buildings in Zone A2

| |
|---|
| Notes: |
| ND = Not Detected |
| ISP = Incident Specific Parameter |
| EAL = DOH Environmental Action Level |
| EPA MCL = EPA Maximum Contaminant Level |
| All Results shown in Parts per Billion (ppb) |
| § - Exceeds Screening Level |
| -- = No Information Available |
| N (Normal) = Full compliance sample |
| FD (Field Duplicate) = Extra sample taken for quality control |
| N (Grab, Resample) = Additional follow-up sample |

| | | Location ID: | A2-BLDG0169 | A2-BLDG0187 | A2-BLDG0459 | A2-BLDG0510 | A2-BLDG167B | A2-BLDG208A |
|------------------------|------------------------|-----------------------------|-----------------------------------|--------------------------------|-------------------------------------|--|-------------------------------------|--|
| | | Location Type: | Non-Residence | Non-Residence | Non-Residence | Non-Residence | Non-Residence | Non-Residence |
| | | Address: | Building 169, OPERATIONAL STORAGE | Building 187, NAVY LODGE ANNEX | Building 459, NUWC BLDG FORD ISLAND | Building 510, PACIFIC WARFIGHTING CENTER | Building 167B NUWC BLDG FORD ISLAND | Building 208A OPERATIONAL ADMIN OFFICE |
| | | Field Sample ID: | A2-TW-0014283-22090-N | A2-TW-0014286-22090-N | A2-TW-0014299-22090-N | A2-TW-0014309-22090-N | A2-TW-0017696-22090-N | A2-TW-0017699-22090-N |
| | | Sample Date: | 2022-04-12 | 2022-04-14 | 2022-04-12 | 2022-04-11 | 2022-04-12 | 2022-04-18 |
| | | Sample Type: | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) |
| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | | | | | |
| Haloacetic Acids (ppb) | Dibromoacetic acid | -- | -- | ND | ND | ND | ND | ND |
| | Dichloroacetic acid | -- | -- | ND | ND | ND | ND | ND |
| | Trichloroacetic acid | -- | -- | ND | ND | ND | ND | ND |
| | Total Haloacetic acids | 60 | MCL | ND | ND | ND | ND | ND |
| Trihalomethanes (ppb) | Bromodichloromethane | -- | -- | 0.790 | ND | ND | ND | ND |
| | Bromoform | -- | -- | 12.8 | ND | ND | 1.70 | ND |
| | Chloroform | -- | -- | ND | ND | ND | ND | ND |
| | Dibromochloromethane | -- | -- | 3.80 | ND | ND | ND | ND |
| | Total Trihalomethanes | 80 | MCL | 17.4 | ND | ND | 1.70 | ND |

**Summary of Chemistry Results
Zone A2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Fire Hydrants in Zone A2

| |
|---|
| Notes: |
| ND = Not Detected |
| ISP = Incident Specific Parameter |
| EAL = DOH Environmental Action Level |
| EPA MCL = EPA Maximum Contaminant Level |
| All Results shown in Parts per Billion (ppb) |
| § - Exceeds Screening Level |
| -- = No Information Available |
| N (Normal) = Full compliance sample |
| FD (Field Duplicate) = Extra sample taken for quality control |
| N (Grab, Resample) = Additional follow-up sample |

| | | Location ID: | A2-HYD214 | A2-HYD39 | A2-HYD5-25 | A2-HYD543 | A2-HYD6-2 | A2-HYD7-13 | A2-HYD7-4 | A2-HYD812 | |
|-----------------------------------|---------------------------------------|-----------------------------|----------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------|
| | | Location Type: | Hydrant | Hydrant | Hydrant | Hydrant | Hydrant | Hydrant | Hydrant | Hydrant | |
| | | Address: | FH 214 | FH 39 | FH 5-25 | FH ID: 3-1 | FH 6-2 | FH 7-13 | FH 7-4 | FH 812 | |
| | | Field Sample ID: | A2-DL-0017662-22090 -N | A2-DL-0017663-22090 -N | A2-DL-0017659-22090 -N | A2-DL-0000507-22090 -N | A2-DL-0017660-22090 -N | A2-DL-0017655-22090 -N | A2-DL-0017658-22090 -N | A2-DL-0017661-22090 -N | |
| | | Sample Date: | 2022-04-12 | 2022-04-12 | 2022-04-12 | 2022-04-12 | 2022-04-12 | 2022-04-12 | 2022-04-12 | 2022-04-12 | |
| | | Sample Type: | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | |
| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | 530 | 510 | 340 | 360 | 470 | 460 | 470 | 430 |
| Field Test (ppb) | Free Chlorine | 4000 | MCL | 530 | 510 | 340 | 360 | 470 | 460 | 470 | 430 |
| General Chemistry (ppb) | Total Organic Carbon | 2000 | ISP | ND | ND | ND | ND | ND | ND | ND | ND |
| Hydrocarbons (ppb) | Petroleum Hydrocarbons (as Diesel) | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND |
| | Petroleum Hydrocarbons (as Gasoline) | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND |
| | Petroleum Hydrocarbons (as Motor Oil) | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND |
| | Petroleum Hydrocarbons, Total | 211 | ISP | ND | ND | ND | ND | ND | ND | ND | ND |
| Metals (ppb) | Antimony | 6 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Arsenic | 10 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Barium | 2000 | MCL | 3.40 | 1.90 | 1.90 | 2.50 | 1.90 | 2.10 | 1.90 | 2.00 |
| | Beryllium | 4 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Cadmium | 5 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Chromium | 100 | MCL | 1.60 | 1.60 | 1.50 | 1.50 | 1.50 | 1.70 | 1.70 | 1.60 |
| | Copper | 1300 | MCL | 3.90 | 4.20 | 3.70 | 9.20 | 4.50 | 13.1 | 2.50 | 3.70 |
| | Lead | 15 | MCL | 0.290 | 0.240 | 0.290 | 0.410 | 0.240 | 0.410 | 0.230 | 0.310 |
| | Mercury | 2 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Selenium | 50 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| Thallium | 2 | MCL | ND | ND | ND | ND | ND | ND | ND | ND | |
| Synthetic Organic Compounds (ppb) | 1-Methylnaphthalene | 10 | EAL | ND | ND | ND | ND | ND | ND | ND | ND |
| | 2-Methylnaphthalene | 10 | EAL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Benzo(a)pyrene | 0.2 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Bis(2-ethylhexyl)phthalate | 6 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Naphthalene | 17 | EAL | ND | ND | ND | ND | ND | ND | ND | ND |
| Volatile Organic Compounds (ppb) | 1,1,1-Trichloroethane | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND |
| | 1,1,2-Trichloroethane | 5 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | 1,1-Dichloroethene | 7 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |

**Summary of Chemistry Results
Zone A2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Fire Hydrants in Zone A2

| |
|---|
| Notes: |
| ND = Not Detected |
| ISP = Incident Specific Parameter |
| EAL = DOH Environmental Action Level |
| EPA MCL = EPA Maximum Contaminant Level |
| All Results shown in Parts per Billion (ppb) |
| § - Exceeds Screening Level |
| -- = No Information Available |
| N (Normal) = Full compliance sample |
| FD (Field Duplicate) = Extra sample taken for quality control |
| N (Grab, Resample) = Additional follow-up sample |

| | | Location ID: | A2-HYD214 | A2-HYD39 | A2-HYD5-25 | A2-HYD543 | A2-HYD6-2 | A2-HYD7-13 | A2-HYD7-4 | A2-HYD812 |
|----------------------------------|--------------------------|-----------------------------|----------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| | | Location Type: | Hydrant | Hydrant | Hydrant | Hydrant | Hydrant | Hydrant | Hydrant | Hydrant |
| | | Address: | FH 214 | FH 39 | FH 5-25 | FH ID: 3-1 | FH 6-2 | FH 7-13 | FH 7-4 | FH 812 |
| | | Field Sample ID: | A2-DL-0017662-22090 -N | A2-DL-0017663-22090 -N | A2-DL-0017659-22090 -N | A2-DL-0000507-22090 -N | A2-DL-0017660-22090 -N | A2-DL-0017655-22090 -N | A2-DL-0017658-22090 -N | A2-DL-0017661-22090 -N |
| | | Sample Date: | 2022-04-12 | 2022-04-12 | 2022-04-12 | 2022-04-12 | 2022-04-12 | 2022-04-12 | 2022-04-12 | 2022-04-12 |
| | | Sample Type: | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) |
| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | | | | | | | |
| Volatile Organic Compounds (ppb) | 1,2,4-Trichlorobenzene | 70 | MCL | ND | ND | ND | ND | ND | ND | ND |
| | 1,2-Dichlorobenzene | 600 | MCL | ND | ND | ND | ND | ND | ND | ND |
| | 1,2-Dichloroethane | 5 | MCL | ND | ND | ND | ND | ND | ND | ND |
| | 1,2-Dichloroethene | 70 | MCL | ND | ND | ND | ND | ND | ND | ND |
| | 1,2-Dichloropropane | 5 | MCL | ND | ND | ND | ND | ND | ND | ND |
| | 1,4-Dichlorobenzene | 75 | MCL | ND | ND | ND | ND | ND | ND | ND |
| | Benzene | 5 | MCL | ND | ND | ND | ND | ND | ND | ND |
| | Carbon Tetrachloride | 5 | MCL | ND | ND | ND | ND | ND | ND | ND |
| | Chlorobenzene | 100 | MCL | ND | ND | ND | ND | ND | ND | ND |
| | cis-1,2-Dichloroethene | 70 | MCL | ND | ND | ND | ND | ND | ND | ND |
| | Ethylbenzene | 700 | MCL | ND | ND | ND | ND | ND | ND | ND |
| | m,p-Xylene | -- | -- | ND | ND | ND | ND | ND | ND | ND |
| | Methylene chloride | 5 | MCL | ND | ND | ND | ND | ND | ND | ND |
| | o-Xylene | -- | -- | ND | ND | ND | ND | ND | ND | ND |
| | Styrene | 100 | MCL | ND | ND | ND | ND | ND | ND | ND |
| | Tetrachloroethene (PCE) | 5 | MCL | ND | ND | ND | ND | ND | ND | ND |
| | Toluene | 1000 | MCL | ND | ND | ND | ND | ND | ND | ND |
| | trans-1,2-Dichloroethene | 100 | MCL | ND | ND | ND | ND | ND | ND | ND |
| | Trichloroethene (TCE) | 5 | MCL | ND | ND | ND | ND | ND | ND | ND |
| | Vinyl chloride | 2 | MCL | ND | ND | ND | ND | ND | ND | ND |
| Xylenes, Total | 10000 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| Haloacetic Acids (ppb) | Bromoacetic acid | -- | -- | ND | ND | ND | ND | ND | ND | ND |
| | Chloroacetic acid | -- | -- | ND | ND | ND | ND | ND | ND | ND |
| | Dibromoacetic acid | -- | -- | ND | ND | ND | ND | ND | ND | ND |
| | Dichloroacetic acid | -- | -- | ND | ND | ND | ND | ND | ND | ND |

**Summary of Chemistry Results
Zone A2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Fire Hydrants in Zone A2

| |
|---|
| Notes: |
| ND = Not Detected |
| ISP = Incident Specific Parameter |
| EAL = DOH Environmental Action Level |
| EPA MCL = EPA Maximum Contaminant Level |
| All Results shown in Parts per Billion (ppb) |
| § - Exceeds Screening Level |
| -- = No Information Available |
| N (Normal) = Full compliance sample |
| FD (Field Duplicate) = Extra sample taken for quality control |
| N (Grab, Resample) = Additional follow-up sample |

| | | Location ID: | A2-HYD214 | A2-HYD39 | A2-HYD5-25 | A2-HYD543 | A2-HYD6-2 | A2-HYD7-13 | A2-HYD7-4 | A2-HYD812 |
|------------------------|------------------------|-----------------------------|----------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| | | Location Type: | Hydrant | Hydrant | Hydrant | Hydrant | Hydrant | Hydrant | Hydrant | Hydrant |
| | | Address: | FH 214 | FH 39 | FH 5-25 | FH ID: 3-1 | FH 6-2 | FH 7-13 | FH 7-4 | FH 812 |
| | | Field Sample ID: | A2-DL-0017662-22090 -N | A2-DL-0017663-22090 -N | A2-DL-0017659-22090 -N | A2-DL-0000507-22090 -N | A2-DL-0017660-22090 -N | A2-DL-0017655-22090 -N | A2-DL-0017658-22090 -N | A2-DL-0017661-22090 -N |
| | | Sample Date: | 2022-04-12 | 2022-04-12 | 2022-04-12 | 2022-04-12 | 2022-04-12 | 2022-04-12 | 2022-04-12 | 2022-04-12 |
| | | Sample Type: | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) |
| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | | | | | | | |
| Haloacetic Acids (ppb) | Trichloroacetic acid | -- | -- | ND | ND | ND | ND | ND | ND | ND |
| | Total Haloacetic acids | 60 | MCL | ND | ND | ND | ND | ND | ND | ND |
| Trihalomethanes (ppb) | Bromodichloromethane | -- | -- | 0.650 | ND | ND | 0.860 | ND | ND | ND |
| | Bromoform | -- | -- | 1.40 | ND | ND | 1.50 | ND | ND | 0.560 |
| | Chloroform | -- | -- | ND | ND | ND | ND | ND | ND | ND |
| | Dibromochloromethane | -- | -- | 1.40 | ND | ND | 1.70 | ND | ND | ND |
| | Total Trihalomethanes | 80 | MCL | 3.40 | ND | ND | 4.00 | ND | ND | 0.560 |

**Summary of Chemistry Results
Zone A2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Fire Hydrants in Zone A2

| |
|---|
| Notes: |
| ND = Not Detected |
| ISP = Incident Specific Parameter |
| EAL = DOH Environmental Action Level |
| EPA MCL = EPA Maximum Contaminant Level |
| All Results shown in Parts per Billion (ppb) |
| § - Exceeds Screening Level |
| -- = No Information Available |
| N (Normal) = Full compliance sample |
| FD (Field Duplicate) = Extra sample taken for quality control |
| N (Grab, Resample) = Additional follow-up sample |

| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | A2-HYD84 | A2-HYDZ-16 |
|-----------------------------------|---------------------------------------|-----------------------------|----------------------------------|--|-----------------------|
| | | | | Location ID: A2-HYD84 | A2-HYDZ-16 |
| | | | | Location Type: Hydrant | Hydrant |
| | | | | Address: FH 84 | FH Z-16 |
| | | | | Field Sample ID: A2-DL-0017657-22090-N | A2-DL-0017656-22090-N |
| | | | | Sample Date: 2022-04-12 | 2022-04-12 |
| | | | | Sample Type: N (Normal) | N (Normal) |
| Field Test (ppb) | Free Chlorine | 4000 | MCL | 640 | 690 |
| General Chemistry (ppb) | Total Organic Carbon | 2000 | ISP | ND | ND |
| Hydrocarbons (ppb) | Petroleum Hydrocarbons (as Diesel) | -- | -- | ND | ND |
| | Petroleum Hydrocarbons (as Gasoline) | -- | -- | ND | ND |
| | Petroleum Hydrocarbons (as Motor Oil) | -- | -- | ND | ND |
| | Petroleum Hydrocarbons, Total | 211 | ISP | ND | ND |
| Metals (ppb) | Antimony | 6 | MCL | ND | ND |
| | Arsenic | 10 | MCL | ND | ND |
| | Barium | 2000 | MCL | 1.90 | 1.90 |
| | Beryllium | 4 | MCL | ND | ND |
| | Cadmium | 5 | MCL | ND | ND |
| | Chromium | 100 | MCL | 1.80 | 1.50 |
| | Copper | 1300 | MCL | 2.70 | 2.70 |
| | Lead | 15 | MCL | 0.200 | 0.210 |
| | Mercury | 2 | MCL | ND | ND |
| | Selenium | 50 | MCL | ND | ND |
| | Thallium | 2 | MCL | ND | ND |
| Synthetic Organic Compounds (ppb) | 1-Methylnaphthalene | 10 | EAL | ND | ND |
| | 2-Methylnaphthalene | 10 | EAL | ND | ND |
| | Benzo(a)pyrene | 0.2 | MCL | ND | ND |
| | Bis(2-ethylhexyl)phthalate | 6 | MCL | ND | ND |
| | Naphthalene | 17 | EAL | ND | ND |
| Volatile Organic Compounds (ppb) | 1,1,1-Trichloroethane | -- | -- | ND | ND |
| | 1,1,2-Trichloroethane | 5 | MCL | ND | ND |
| | 1,1-Dichloroethene | 7 | MCL | ND | ND |

**Summary of Chemistry Results
Zone A2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Fire Hydrants in Zone A2

| |
|---|
| Notes: |
| ND = Not Detected |
| ISP = Incident Specific Parameter |
| EAL = DOH Environmental Action Level |
| EPA MCL = EPA Maximum Contaminant Level |
| All Results shown in Parts per Billion (ppb) |
| § - Exceeds Screening Level |
| -- = No Information Available |
| N (Normal) = Full compliance sample |
| FD (Field Duplicate) = Extra sample taken for quality control |
| N (Grab, Resample) = Additional follow-up sample |

| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | Location ID: | |
|----------------------------------|--------------------------|-----------------------------|----------------------------------|------------------|-----------------------|
| | | | | A2-HYD84 | A2-HYDZ-16 |
| | | | | Location Type: | Hydrant |
| | | | | Address: | FH 84 |
| | | | | Field Sample ID: | A2-DL-0017657-22090-N |
| | | | | Sample Date: | 2022-04-12 |
| | | | | Sample Type: | N (Normal) |
| | | | | | A2-DL-0017656-22090-N |
| | | | | | 2022-04-12 |
| | | | | | N (Normal) |
| Volatile Organic Compounds (ppb) | 1,2,4-Trichlorobenzene | 70 | MCL | ND | ND |
| | 1,2-Dichlorobenzene | 600 | MCL | ND | ND |
| | 1,2-Dichloroethane | 5 | MCL | ND | ND |
| | 1,2-Dichloroethene | 70 | MCL | ND | ND |
| | 1,2-Dichloropropane | 5 | MCL | ND | ND |
| | 1,4-Dichlorobenzene | 75 | MCL | ND | ND |
| | Benzene | 5 | MCL | ND | ND |
| | Carbon Tetrachloride | 5 | MCL | ND | ND |
| | Chlorobenzene | 100 | MCL | ND | ND |
| | cis-1,2-Dichloroethene | 70 | MCL | ND | ND |
| | Ethylbenzene | 700 | MCL | ND | ND |
| | m,p-Xylene | -- | -- | ND | ND |
| | Methylene chloride | 5 | MCL | ND | ND |
| | o-Xylene | -- | -- | ND | ND |
| | Styrene | 100 | MCL | ND | ND |
| | Tetrachloroethene (PCE) | 5 | MCL | ND | ND |
| | Toluene | 1000 | MCL | ND | ND |
| | trans-1,2-Dichloroethene | 100 | MCL | ND | ND |
| | Trichloroethene (TCE) | 5 | MCL | ND | ND |
| | Vinyl chloride | 2 | MCL | ND | ND |
| | Xylenes, Total | 10000 | MCL | ND | ND |
| Haloacetic Acids (ppb) | Bromoacetic acid | -- | -- | ND | ND |
| | Chloroacetic acid | -- | -- | ND | ND |
| | Dibromoacetic acid | -- | -- | ND | ND |
| | Dichloroacetic acid | -- | -- | ND | ND |

**Summary of Chemistry Results
 Zone A2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Fire Hydrants in Zone A2

| |
|---|
| Notes: |
| ND = Not Detected |
| ISP = Incident Specific Parameter |
| EAL = DOH Environmental Action Level |
| EPA MCL = EPA Maximum Contaminant Level |
| All Results shown in Parts per Billion (ppb) |
| § - Exceeds Screening Level |
| -- = No Information Available |
| N (Normal) = Full compliance sample |
| FD (Field Duplicate) = Extra sample taken for quality control |
| N (Grab, Resample) = Additional follow-up sample |

| | | |
|-------------------------|---------------------------|---------------------------|
| Location ID: | A2-HYD84 | A2-HYDZ-16 |
| Location Type: | Hydrant | Hydrant |
| Address: | FH 84 | FH Z-16 |
| Field Sample ID: | A2-DL-0017657-22090 -N | A2-DL-0017656-22090 -N |
| Sample Date: | 2022-04-12 | 2022-04-12 |
| Sample Type: | N (Normal) | N (Normal) |

| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | A2-HYD84 | A2-HYDZ-16 |
|------------------------|------------------------|-----------------------------|----------------------------------|----------|------------|
| Haloacetic Acids (ppb) | Trichloroacetic acid | -- | -- | ND | ND |
| | Total Haloacetic acids | 60 | MCL | ND | ND |
| Trihalomethanes (ppb) | Bromodichloromethane | -- | -- | ND | ND |
| | Bromoform | -- | -- | ND | ND |
| | Chloroform | -- | -- | ND | ND |
| | Dibromochloromethane | -- | -- | ND | 0.550 |
| | Total Trihalomethanes | 80 | MCL | ND | 0.550 |