

**Summary of Chemistry Results
Zone A1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in May 2022 from Residences in Zone A1

| |
|---|
| 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: | | A1-ALOH1601 | | A1-ALOH1620 | | A1-ASHL5116 | | A1-AUST0183 | | A1-AUST0193 | |
|-----------------------------------|---------------------------------------|------------------------------------|---|-------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------------------|-------------------------|------------------|--|
| | | Location Type: | | Residence | | Residence | | Residence | | Residence | | Residence | |
| | | Address: | | 1601 Aloha Avenue | | 1620 Aloha Avenue | | 5116 Ashley Avenue | | 183 Austin Court | | 193 Austin Court | |
| | | Field Sample ID: | | A1-TW-0001562-22114-3-N | A1-TW-0001562-22114-N | A1-TW-0001580-22114-N | A1-TW-0001298-22114-N | A1-TW-0001489-22114-N | A1-TW-0001600-22114-N | A1-TW-0001600-22114-N-1 | A1-TW-0001600-22114-N-2 | | |
| | | Sample Date: | | 2022-05-09 | 2022-05-09 | 2022-05-09 | 2022-05-12 | 2022-05-10 | 2022-05-10 | 2022-05-17 | 2022-05-17 | | |
| | | Sample Type: | | FD (Field Duplicate) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Grab, Resample) | N (Grab, Resample) | | |
| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | | | | | | | | | | |
| Field Test (ppb) | Free Chlorine | 4000 | MCL | 430 | 430 | 250 | 480 | 520 | 530 | 360-610 | 360-610 | | |
| General Chemistry (ppb) | Total Organic Carbon | 2000 | ISP | ND | ND | ND | ND | ND | 350 | -- | -- | | |
| Hydrocarbons (ppb) | Petroleum Hydrocarbons (as Diesel) | -- | -- | 51.0 | 51.4 | ND | ND | 82.5 | 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 | 51.0 | 51.4 | ND | ND | 82.5 | 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 | 1.80 | 1.80 | 1.90 | 2.00 | 1.90 | 2.00 | 1.90 | 1.80 | | |
| | 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 | 0.840 | 0.860 | 0.820 | 0.940 | 0.990 | 1.30 | 1.20 | 1.40 | | |
| | Copper | 1300 | MCL | 25.3 | 22.6 | 32.6 | 56.5 | 23.4 | 57.8 | 11.3 | 16.8 | | |
| | Lead | 15 | MCL | ND | ND | ND | ND | ND | 15.3 § | ND | ND | | |
| | Mercury | 2 | MCL | ND | ND | ND | 0.0690 | ND | ND | -- | -- | | |
| | Selenium | 50 | MCL | ND | ND | ND | 0.330 | ND | 0.420 | 1.10 | 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 | -- | -- | | |
| | 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 | 1.40 | 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 | -- | -- | | |
| | 1,1-Dichloroethene | 7 | MCL | ND | ND | ND | ND | ND | ND | -- | -- | | |

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| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | Location ID: A1-ALOH1601 | | Location ID: A1-ALOH1620 | | Location ID: A1-ASHL5116 | | Location ID: A1-AUST0183 | | Location ID: A1-AUST0193 | |
|----------------------------------|--------------------------|-----------------------------|----------------------------------|--------------------------------|-----------------------|--------------------------------|-----------------------|---------------------------------|-----------------------|-------------------------------|-------------------------|-------------------------------|-------------|
| | | | | Field Sample ID | Sample Date | Field Sample ID | Sample Date | Field Sample ID | Sample Date | Field Sample ID | Sample Date | Field Sample ID | Sample Date |
| | | | | Residence 1601 Aloha Avenue | | Residence 1620 Aloha Avenue | | Residence 5116 Ashley Avenue | | Residence 183 Austin Court | | Residence 193 Austin Court | |
| | | | | A1-TW-0001562-22114-3-N | A1-TW-0001562-22114-N | A1-TW-0001580-22114-N | A1-TW-0001298-22114-N | A1-TW-0001489-22114-N | A1-TW-0001600-22114-N | A1-TW-0001600-22114-N-1 | A1-TW-0001600-22114-N-2 | | |
| | | | | 2022-05-09 | 2022-05-09 | 2022-05-09 | 2022-05-12 | 2022-05-10 | 2022-05-10 | 2022-05-17 | 2022-05-17 | | |
| | | | | FD (Field Duplicate) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Grab, Resample) | N (Grab, Resample) | | |
| Volatile Organic Compounds (ppb) | 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 | -- | -- | | |
| | Dibromoacetic acid | -- | -- | ND | ND | ND | ND | ND | ND | -- | -- | | |
| | Dichloroacetic acid | -- | -- | ND | ND | ND | ND | ND | ND | -- | -- | | |

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| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | A1-ALOH1601 | | A1-ALOH1620 | A1-ASHL5116 | A1-AUST0183 | A1-AUST0193 | | |
|--------------|---------|-----------------------------|----------------------------------|-------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------------------|-------------------------|
| | | | | Location ID: | Location Type: | Address: | Field Sample ID: | Sample Date: | Sample Type: | Location ID: | Location Type: |
| | | | | 1601 Aloha Avenue | 1620 Aloha Avenue | 5116 Ashley Avenue | 183 Austin Court | 193 Austin Court | | | |
| | | | | A1-TW-0001562-22114-3-N | A1-TW-0001562-22114-N | A1-TW-0001580-22114-N | A1-TW-0001298-22114-N | A1-TW-0001489-22114-N | A1-TW-0001600-22114-N | A1-TW-0001600-22114-N-1 | A1-TW-0001600-22114-N-2 |
| | | | | 2022-05-09 | 2022-05-09 | 2022-05-09 | 2022-05-12 | 2022-05-10 | 2022-05-10 | 2022-05-17 | 2022-05-17 |
| | | | | FD (Field Duplicate) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Grab, Resample) | N (Grab, Resample) |
| | | | | ND | ND | ND | ND | ND | ND | -- | -- |
| | | | | 60 | MCL | ND | ND | ND | ND | -- | -- |
| | | | | ND | ND | ND | ND | ND | ND | -- | -- |
| | | | | ND | ND | ND | ND | ND | ND | -- | -- |
| | | | | ND | ND | ND | ND | ND | ND | -- | -- |
| | | | | 80 | MCL | ND | ND | ND | ND | -- | -- |

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| | | Location ID: | | A1-AUST0193 | | A1-AUST0235 | | A1-AUST0239 | | A1-KIRK2347 | | A1-KIRK2359 | |
|-----------------------------------|---------------------------------------|------------------------------------|---|-------------------------|--------------------------|-----------------------|-------------------------|-----------------------|-----------------------|-------------------------|-----------------------|-----------------------|--|
| | | Location Type: | | Residence | | Residence | | Residence | | Residence | | Residence | |
| | | Address: | | 193 Austin Court | | 235 Austin Court | | 239 Austin Court | | 2347 Kirkbride Avenue | | 2359 Kirkbride Avenue | |
| | | Field Sample ID: | | A1-TW-0001600-22114-N-3 | A1-TW-0001600-22114-N-R1 | A1-TW-0001619-22114-N | A1-TW-0001620-22114-3-N | A1-TW-0001620-22114-N | A1-TW-0001646-22114-N | A1-TW-0001650-22114-3-N | A1-TW-0001650-22114-N | | |
| | | Sample Date: | | 2022-05-17 | 2022-05-17 | 2022-05-09 | 2022-05-10 | 2022-05-10 | 2022-05-09 | 2022-05-11 | 2022-05-11 | | |
| | | Sample Type: | | N (Grab, Resample) | N (Grab, Resample) | N (Normal) | FD (Field Duplicate) | N (Normal) | N (Normal) | FD (Field Duplicate) | N (Normal) | | |
| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | | | | | | | | | | |
| Field Test (ppb) | Free Chlorine | 4000 | MCL | 360-610 | 360-610 | 510 | 580 | 580 | 330 | 20.0 | 20.0 | | |
| General Chemistry (ppb) | Total Organic Carbon | 2000 | ISP | -- | -- | ND | ND | ND | ND | ND | ND | | |
| Hydrocarbons (ppb) | Petroleum Hydrocarbons (as Diesel) | -- | -- | -- | -- | ND | ND | 57.3 | ND | 57.9 | 59.2 | | |
| | 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 | ND | 57.3 | ND | 57.9 | 59.2 | | |
| 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 | 1.90 | 1.90 | 1.80 | 1.90 | 1.90 | 1.90 | 1.60 | 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 | 1.40 | 1.40 | 0.860 | 0.990 | 0.960 | 0.890 | 0.610 | 0.820 | | |
| | Copper | 1300 | MCL | 10.3 | 10.7 | 26.5 | 27.9 | 28.2 | 38.0 | 19.5 | 27.6 | | |
| | Lead | 15 | MCL | ND | ND | ND | ND | ND | 0.460 | ND | 0.660 | | |
| | Mercury | 2 | MCL | -- | -- | ND | ND | ND | ND | ND | ND | | |
| | Selenium | 50 | MCL | 1.10 | 0.750 | 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 | | |
| | 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 | 0.440 | | |
| 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 | | |
| | 1,1-Dichloroethene | 7 | MCL | -- | -- | ND | ND | ND | ND | ND | ND | | |

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| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | Location ID: A1-AUST0193 | | Location ID: A1-AUST0235 | | Location ID: A1-AUST0239 | | Location ID: A1-KIRK2347 | | Location ID: A1-KIRK2359 | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|--------------------------|-----------------------------|----------------------------------|--------------------------|---------------------------|--|-------------------------|---------------------------------|---|--------------------------|---------------------------------|--------------------------|---------------------------|--|-------------------------|-------------------------|--------------------------|---------------------------|--|-------------------------|-----------------------------------|--|-------------------------|-------------------------|--------------------------|--------------------------------|--|-------------------------|-------------------------|--------------------------|--------------------------------|--|-------------------------|
| | | | | Location Type: Residence | Address: 193 Austin Court | Field Sample ID: A1-TW-0001600-22114-N-3 | Sample Date: 2022-05-17 | Sample Type: N (Grab, Resample) | Field Sample ID: A1-TW-0001600-22114-N-R1 | Sample Date: 2022-05-17 | Sample Type: N (Grab, Resample) | Location Type: Residence | Address: 235 Austin Court | Field Sample ID: A1-TW-0001619-22114-N | Sample Date: 2022-05-09 | Sample Type: N (Normal) | Location Type: Residence | Address: 239 Austin Court | Field Sample ID: A1-TW-0001620-22114-3-N | Sample Date: 2022-05-10 | Sample Type: FD (Field Duplicate) | Field Sample ID: A1-TW-0001620-22114-N | Sample Date: 2022-05-10 | Sample Type: N (Normal) | Location Type: Residence | Address: 2347 Kirkbride Avenue | Field Sample ID: A1-TW-0001646-22114-N | Sample Date: 2022-05-09 | Sample Type: N (Normal) | Location Type: Residence | Address: 2359 Kirkbride Avenue | Field Sample ID: A1-TW-0001650-22114-3-N | Sample Date: 2022-05-11 |
| Volatile Organic Compounds (ppb) | 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 | | | | | | | | | | | | | | | | | | | | |
| | Dibromoacetic acid | -- | -- | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | | | | | | | | | | | | | | | | | | | | |
| | Dichloroacetic acid | -- | -- | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | | | | | | | | | | | | | | | | | | | | |

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|------------------------|------------------------|-----------------------------|----------------------------------|--|---|--|--|--|--|--|--|--|
| | | | | Residence | | Residence | | Residence | | Residence | Residence | |
| | | | | Address: 193 Austin Court | | Address: 235 Austin Court | | Address: 239 Austin Court | | Address: 2347 Kirkbride Avenue | Address: 2359 Kirkbride Avenue | |
| | | | | Field Sample ID: A1-TW-0001600-22114-N-3 | Field Sample ID: A1-TW-0001600-22114-N-R1 | Field Sample ID: A1-TW-0001619-22114-N | Field Sample ID: A1-TW-0001620-22114-3-N | Field Sample ID: A1-TW-0001620-22114-N | Field Sample ID: A1-TW-0001646-22114-N | Field Sample ID: A1-TW-0001650-22114-3-N | Field Sample ID: A1-TW-0001650-22114-N | |
| | | | | Sample Date: 2022-05-17 | Sample Date: 2022-05-17 | Sample Date: 2022-05-09 | Sample Date: 2022-05-10 | Sample Date: 2022-05-10 | Sample Date: 2022-05-09 | Sample Date: 2022-05-11 | Sample Date: 2022-05-11 | |
| | | | | Sample Type: N (Grab, Resample) | Sample Type: N (Grab, Resample) | Sample Type: N (Normal) | Sample Type: FD (Field Duplicate) | Sample Type: N (Normal) | Sample Type: N (Normal) | Sample Type: FD (Field Duplicate) | Sample Type: N (Normal) | |
| Haloacetic Acids (ppb) | Trichloroacetic acid | -- | -- | -- | -- | ND | ND | ND | ND | ND | ND | |
| | Total Haloacetic acids | 60 | MCL | -- | -- | ND | ND | ND | ND | ND | ND | |
| Trihalomethanes (ppb) | Bromodichloromethane | -- | -- | -- | -- | ND | ND | ND | ND | ND | ND | |
| | Bromoform | -- | -- | -- | -- | ND | ND | ND | ND | ND | ND | |
| | Chloroform | -- | -- | -- | -- | ND | ND | ND | ND | ND | ND | |
| | Dibromochloromethane | -- | -- | -- | -- | ND | ND | ND | ND | ND | ND | |
| | Total Trihalomethanes | 80 | MCL | -- | -- | ND | ND | ND | ND | ND | ND | |

**Summary of Chemistry Results
Zone A1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in May 2022 from Residences in Zone A1

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| Notes: |
| ND = Not Detected |
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| § - 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: | A1-LEHU0316 | A1-LEHU0503 | A1-LEHU0517 | A1-LEYC0146 | A1-LEYC0152 | A1-LOCH7011 | A1-LOWE1008 | A1-LOWE1018 | |
|-----------------------------------|---------------------------------------|-----------------------------|----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------|
| | | Location Type: | Residence | Residence | Residence | Residence | Residence | Residence | Residence | Residence | |
| | | Address: | 316 Lehua Avenue | 503 Lehua Avenue | 517 Lehua Avenue | 146 Ley Court | 152 Ley Court | 7011 Loch Street | 1008 Lowella Avenue | 1018 Lowella Avenue | |
| | | Field Sample ID: | A1-TW-0001521-22114-N | A1-TW-0001675-22114-N | A1-TW-0001688-22114-N | A1-TW-0001715-22114-N | A1-TW-0001718-22114-N | A1-TW-0001527-22114-N | A1-TW-0001537-22114-N | A1-TW-0001544-22114-N | |
| | | Sample Date: | 2022-05-09 | 2022-05-09 | 2022-05-10 | 2022-05-13 | 2022-05-12 | 2022-05-09 | 2022-05-09 | 2022-05-10 | |
| | | 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 | 500 | 370 | 230 | 20.0 | 460 | 530 | 380 | 400 |
| Field Test (ppb) | Free Chlorine | 4000 | MCL | 500 | 370 | 230 | 20.0 | 460 | 530 | 380 | 400 |
| General Chemistry (ppb) | Total Organic Carbon | 2000 | ISP | ND | ND | ND | 220 | 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 | 2.30 | 2.00 | 1.90 | 1.80 | 1.90 | 1.80 | 1.80 | 1.80 |
| | 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 | 1.10 | 0.870 | 1.00 | 1.10 | 0.940 | 0.840 | 0.990 | 1.20 |
| | Copper | 1300 | MCL | 17.5 | 25.1 | 26.5 | 34.3 | 30.2 | 11.0 | 13.8 | 29.8 |
| | Lead | 15 | MCL | ND | ND | ND | ND | 0.240 | ND | ND | ND |
| | Mercury | 2 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Selenium | 50 | MCL | ND | ND | ND | ND | 0.570 | ND | ND | 0.410 |
| 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 A1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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| -- = No Information Available |
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| | | Location ID: | A1-LEHU0316 | A1-LEHU0503 | A1-LEHU0517 | A1-LEYC0146 | A1-LEYC0152 | A1-LOCH7011 | A1-LOWE1008 | A1-LOWE1018 |
|----------------------------------|--------------------------|-----------------------------|----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | | Location Type: | Residence | Residence | Residence | Residence | Residence | Residence | Residence | Residence |
| | | Address: | 316 Lehua Avenue | 503 Lehua Avenue | 517 Lehua Avenue | 146 Ley Court | 152 Ley Court | 7011 Loch Street | 1008 Lowella Avenue | 1018 Lowella Avenue |
| | | Field Sample ID: | A1-TW-0001521-22114-N | A1-TW-0001675-22114-N | A1-TW-0001688-22114-N | A1-TW-0001715-22114-N | A1-TW-0001718-22114-N | A1-TW-0001527-22114-N | A1-TW-0001537-22114-N | A1-TW-0001544-22114-N |
| | | Sample Date: | 2022-05-09 | 2022-05-09 | 2022-05-10 | 2022-05-13 | 2022-05-12 | 2022-05-09 | 2022-05-09 | 2022-05-10 |
| | | 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 A1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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| | | Location ID: | A1-LEHU0316 | A1-LEHU0503 | A1-LEHU0517 | A1-LEYC0146 | A1-LEYC0152 | A1-LOCH7011 | A1-LOWE1008 | A1-LOWE1018 |
|------------------------|------------------------|-----------------------------|----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | | Location Type: | Residence | Residence | Residence | Residence | Residence | Residence | Residence | Residence |
| | | Address: | 316 Lehua Avenue | 503 Lehua Avenue | 517 Lehua Avenue | 146 Ley Court | 152 Ley Court | 7011 Loch Street | 1008 Lowella Avenue | 1018 Lowella Avenue |
| | | Field Sample ID: | A1-TW-0001521-22114-N | A1-TW-0001675-22114-N | A1-TW-0001688-22114-N | A1-TW-0001715-22114-N | A1-TW-0001718-22114-N | A1-TW-0001527-22114-N | A1-TW-0001537-22114-N | A1-TW-0001544-22114-N |
| | | Sample Date: | 2022-05-09 | 2022-05-09 | 2022-05-10 | 2022-05-13 | 2022-05-12 | 2022-05-09 | 2022-05-09 | 2022-05-10 |
| | | 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 | -- | -- | ND | ND | ND | ND | ND | ND | ND |
| | Bromoform | -- | -- | 0.820 | ND | ND | ND | ND | ND | ND |
| | Chloroform | -- | -- | ND | ND | ND | ND | ND | ND | ND |
| | Dibromochloromethane | -- | -- | 0.720 | ND | ND | ND | ND | ND | ND |
| | Total Trihalomethanes | 80 | MCL | 1.50 | ND | ND | ND | ND | ND | ND |

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| N (Normal) = Full compliance sample |
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| | | Location ID: | A1-LOWE1103 | A1-LOWE1107 | A1-LOWE1124 | A1-LOWE1129 | A1-PALM1815 | A1-PALM1830 | A1-PALM1844 | A1-PARK0164 | |
|-----------------------------------|---------------------------------------|-----------------------------|----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------|
| | | Location Type: | Residential Child Care | Residence | Residence | Residence | Residence | Residence | Residence | Residence | |
| | | Address: | 1103 Lowella Ave (CDH) | 1107 Lowella Avenue | 1124 Lowella Avenue | 1129 Lowella Avenue | 1815 Palm Avenue | 1830 Palm Avenue | 1844 Palm Avenue | 164 Parker Court | |
| | | Field Sample ID: | A1-TW-0017808-22114-N | A1-TW-0001560-22114-N | A1-TW-0001333-22114-N | A1-TW-0001337-22114-N | A1-TW-0001351-22114-N | A1-TW-0001738-22114-N | A1-TW-0001745-22114-N | A1-TW-0001752-22114-N | |
| | | Sample Date: | 2022-05-09 | 2022-05-09 | 2022-05-09 | 2022-05-09 | 2022-05-10 | 2022-05-09 | 2022-05-09 | 2022-05-10 | |
| | | 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 | 420 | 540 | 520 | 370 | 560 | 320 | 630 | 530 |
| 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 | 56.7 | ND | 51.3 | 79.4 |
| | 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 | 56.7 | ND | 51.3 | 79.4 |
| 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 | 1.80 | 1.90 | 2.20 | 2.00 | 2.00 | 2.00 | 2.00 | 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 | 0.780 | 0.910 | 0.860 | 0.930 | 0.930 | 0.790 | 0.880 | 1.10 |
| | Copper | 1300 | MCL | 16.9 | 26.6 | 41.2 | 29.3 | 10.7 | 17.9 | 19.3 | 29.6 |
| | Lead | 15 | MCL | ND | ND | 0.170 | ND | ND | ND | ND | ND |
| | Mercury | 2 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Selenium | 50 | MCL | ND | ND | 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 A1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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| | | Location ID: | A1-LOWE1103 | A1-LOWE1107 | A1-LOWE1124 | A1-LOWE1129 | A1-PALM1815 | A1-PALM1830 | A1-PALM1844 | A1-PARK0164 | |
|----------------------------------|--------------------------|-----------------------------|----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----|
| | | Location Type: | Residential Child Care | Residence | Residence | Residence | Residence | Residence | Residence | Residence | |
| | | Address: | 1103 Lowella Ave (CDH) | 1107 Lowella Avenue | 1124 Lowella Avenue | 1129 Lowella Avenue | 1815 Palm Avenue | 1830 Palm Avenue | 1844 Palm Avenue | 164 Parker Court | |
| | | Field Sample ID: | A1-TW-0017808-22114-N | A1-TW-0001560-22114-N | A1-TW-0001333-22114-N | A1-TW-0001337-22114-N | A1-TW-0001351-22114-N | A1-TW-0001738-22114-N | A1-TW-0001745-22114-N | A1-TW-0001752-22114-N | |
| | | Sample Date: | 2022-05-09 | 2022-05-09 | 2022-05-09 | 2022-05-09 | 2022-05-10 | 2022-05-09 | 2022-05-09 | 2022-05-10 | |
| | | 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 | |

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|------------------------|------------------------|-----------------------------|----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
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| | | Address: | 1103 Lowella Ave (CDH) | 1107 Lowella Avenue | 1124 Lowella Avenue | 1129 Lowella Avenue | 1815 Palm Avenue | 1830 Palm Avenue | 1844 Palm Avenue | 164 Parker Court |
| | | Field Sample ID: | A1-TW-0017808-22114-N | A1-TW-0001560-22114-N | A1-TW-0001333-22114-N | A1-TW-0001337-22114-N | A1-TW-0001351-22114-N | A1-TW-0001738-22114-N | A1-TW-0001745-22114-N | A1-TW-0001752-22114-N |
| | | Sample Date: | 2022-05-09 | 2022-05-09 | 2022-05-09 | 2022-05-09 | 2022-05-10 | 2022-05-09 | 2022-05-09 | 2022-05-10 |
| | | 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 | -- | -- | ND | ND | ND | ND | ND | ND | ND |
| | Bromoform | -- | -- | ND | 2.70 | ND | ND | ND | ND | ND |
| | Chloroform | -- | -- | ND | ND | ND | ND | ND | ND | ND |
| | Dibromochloromethane | -- | -- | ND | 1.30 | ND | ND | ND | ND | ND |
| | Total Trihalomethanes | 80 | MCL | ND | 4.00 | ND | ND | ND | ND | ND |

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| 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: | A1-PARK0172 | A1-ROBI1201 | A1-ROBI1205 | A1-WAIA2383 | A1-WAIA2404 | A1-WAIA2420 | A1-WAIK2246 | A1-WAIK2275 | |
|-----------------------------------|---------------------------------------|-----------------------------|----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------|
| | | Location Type: | Residence | Residence | Residence | Residence | Residence | Residence | Residence | Residence | |
| | | Address: | 172 Parker Court | 1201 Robinson Avenue | 1205 Robinson Avenue | 2383 Waianiani Court | 2404 Waianiani Court | 2420 Waianiani Court | 2246 Waikahe Court | 2275 Waikahe Court | |
| | | Field Sample ID: | A1-TW-0001756-22114-N | A1-TW-0001791-22114-N | A1-TW-0001794-22114-N | A1-TW-0001376-22114-N | A1-TW-0001387-22114-N | A1-TW-0001392-22114-N | A1-TW-0001451-22114-N | A1-TW-0001466-22114-N | |
| | | Sample Date: | 2022-05-09 | 2022-05-09 | 2022-05-09 | 2022-05-11 | 2022-05-09 | 2022-05-10 | 2022-05-09 | 2022-05-09 | |
| | | 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 | 250 | 1210 | 450 | 520 | 110 | 430 | 420 | 540 |
| Field Test (ppb) | Free Chlorine | 4000 | MCL | 250 | 1210 | 450 | 520 | 110 | 430 | 420 | 540 |
| General Chemistry (ppb) | Total Organic Carbon | 2000 | ISP | ND | ND | ND | ND | ND | ND | ND | ND |
| Hydrocarbons (ppb) | Petroleum Hydrocarbons (as Diesel) | -- | -- | ND | 57.4 | ND | ND | ND | ND | ND | 66.7 |
| | Petroleum Hydrocarbons (as Gasoline) | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND |
| | Petroleum Hydrocarbons (as Motor Oil) | -- | -- | ND | ND | ND | ND | ND | ND | 52.1 | 54.4 |
| | Petroleum Hydrocarbons, Total | 211 | ISP | ND | 57.4 | ND | ND | ND | ND | 52.1 | 121 |
| 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 | 1.80 | 1.90 | 2.00 | 1.80 | 2.00 | 2.00 | 1.70 | 1.80 |
| | 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 | 0.800 | 0.870 | 0.930 | 0.890 | 0.810 | 1.10 | 0.900 | 0.870 |
| | Copper | 1300 | MCL | 31.6 | 16.3 | 29.7 | 44.4 | 80.6 | 53.1 | 63.2 | 52.7 |
| | Lead | 15 | MCL | 0.170 | ND | ND | 0.190 | 0.230 | 0.420 | ND | 0.160 |
| | Mercury | 2 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Selenium | 50 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| Synthetic Organic Compounds (ppb) | Thallium | 2 | MCL | ND | ND | ND | ND | ND | 0.0530 | 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 A1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in May 2022 from Residences in Zone A1

| |
|---|
| 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: | A1-PARK0172 | A1-ROBI1201 | A1-ROBI1205 | A1-WAIA2383 | A1-WAIA2404 | A1-WAIA2420 | A1-WAIK2246 | A1-WAIK2275 |
|----------------------------------|--------------------------|-----------------------------|----------------------------------|------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | | | | Location Type: | Residence | Residence | Residence | Residence | Residence | Residence | Residence | Residence |
| | | | | Address: | 172 Parker Court | 1201 Robinson Avenue | 1205 Robinson Avenue | 2383 Waianiani Court | 2404 Waianiani Court | 2420 Waianiani Court | 2246 Waikahe Court | 2275 Waikahe Court |
| | | | | Field Sample ID: | A1-TW-0001756-22114-N | A1-TW-0001791-22114-N | A1-TW-0001794-22114-N | A1-TW-0001376-22114-N | A1-TW-0001387-22114-N | A1-TW-0001392-22114-N | A1-TW-0001451-22114-N | A1-TW-0001466-22114-N |
| | | | | Sample Date: | 2022-05-09 | 2022-05-09 | 2022-05-09 | 2022-05-11 | 2022-05-09 | 2022-05-10 | 2022-05-09 | 2022-05-09 |
| | | | | Sample Type: | 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 A1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in May 2022 from Residences in Zone A1

| |
|---|
| 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: | A1-PARK0172 | A1-ROBI1201 | A1-ROBI1205 | A1-WAIA2383 | A1-WAIA2404 | A1-WAIA2420 | A1-WAIK2246 | A1-WAIK2275 |
|------------------------|------------------------|------------------------------------|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | | Location Type: | Residence | Residence | Residence | Residence | Residence | Residence | Residence | Residence |
| | | Address: | 172 Parker Court | 1201 Robinson Avenue | 1205 Robinson Avenue | 2383 Waianiani Court | 2404 Waianiani Court | 2420 Waianiani Court | 2246 Waikaha Court | 2275 Waikaha Court |
| | | Field Sample ID: | A1-TW-0001756-22114-N | A1-TW-0001791-22114-N | A1-TW-0001794-22114-N | A1-TW-0001376-22114-N | A1-TW-0001387-22114-N | A1-TW-0001392-22114-N | A1-TW-0001451-22114-N | A1-TW-0001466-22114-N |
| | | Sample Date: | 2022-05-09 | 2022-05-09 | 2022-05-09 | 2022-05-11 | 2022-05-09 | 2022-05-10 | 2022-05-09 | 2022-05-09 |
| | | 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 | -- | -- | ND | ND | ND | ND | ND | ND | ND |
| | Bromoform | -- | -- | ND | ND | ND | ND | 0.740 | 1.20 | ND |
| | Chloroform | -- | -- | ND | ND | ND | ND | ND | ND | ND |
| | Dibromochloromethane | -- | -- | ND | ND | ND | ND | ND | ND | ND |
| | Total Trihalomethanes | 80 | MCL | ND | ND | ND | ND | 0.740 | 1.20 | ND |

**Summary of Chemistry Results
Zone A1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in May 2022 from Other Buildings in Zone A1

| |
|---|
| 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: A1-BLDG0995 | | | Location ID: A1-BLDG0998 | | |
|-----------------------------------|---------------------------------------|-----------------------------|----------------------------------|------------------------------|---|--|--------------------------|-------------------------|------------------------------|
| | | | | Location Type: Non-Residence | Address: Building 995, AMPHIBIOUS OPERATIONS BLDG | Field Sample ID: A1-TW-0014255-22114-N | Sample Date: 2022-05-10 | Sample Type: N (Normal) | Location Type: Non-Residence |
| Field Test (ppb) | Free Chlorine | 4000 | MCL | 550 | 370 | 370 | | | |
| General Chemistry (ppb) | Total Organic Carbon | 2000 | ISP | ND | ND | ND | | | |
| Hydrocarbons (ppb) | Petroleum Hydrocarbons (as Diesel) | -- | -- | 67.3 | 74.6 | ND | | | |
| | Petroleum Hydrocarbons (as Gasoline) | -- | -- | ND | ND | ND | | | |
| | Petroleum Hydrocarbons (as Motor Oil) | -- | -- | ND | ND | ND | | | |
| | Petroleum Hydrocarbons, Total | 211 | ISP | 67.3 | 74.6 | ND | | | |
| Metals (ppb) | Antimony | 6 | MCL | ND | ND | ND | | | |
| | Arsenic | 10 | MCL | ND | ND | 2.80 | | | |
| | Barium | 2000 | MCL | 2.20 | 2.80 | 2.80 | | | |
| | Beryllium | 4 | MCL | ND | ND | ND | | | |
| | Cadmium | 5 | MCL | ND | ND | ND | | | |
| | Chromium | 100 | MCL | 0.990 | 1.10 | 1.10 | | | |
| | Copper | 1300 | MCL | 40.0 | 109 | 112 | | | |
| | Lead | 15 | MCL | 0.150 | ND | 0.130 | | | |
| | Mercury | 2 | MCL | ND | ND | ND | | | |
| | Selenium | 50 | MCL | ND | ND | ND | | | |
| Synthetic Organic Compounds (ppb) | Thallium | 2 | MCL | ND | ND | ND | | | |
| | 1-Methylnaphthalene | 10 | EAL | ND | ND | ND | | | |
| | 2-Methylnaphthalene | 10 | EAL | ND | ND | ND | | | |
| | Benzo(a)pyrene | 0.2 | MCL | ND | ND | ND | | | |
| | Bis(2-ethylhexyl)phthalate | 6 | MCL | ND | ND | ND | | | |
| Volatile Organic Compounds (ppb) | Naphthalene | 17 | EAL | ND | ND | ND | | | |
| | 1,1,1-Trichloroethane | -- | -- | ND | ND | ND | | | |

**Summary of Chemistry Results
Zone A1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in May 2022 from Other Buildings in Zone A1

| |
|---|
| 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: A1-BLDG0995 | | | Location ID: A1-BLDG0998 | | | |
|----------------------------------|--------------------------|-----------------------------|----------------------------------|------------------------------|---|--|--------------------------|-------------------------|------------------------------|--|
| | | | | Location Type: Non-Residence | Address: Building 995, AMPHIBIOUS OPERATIONS BLDG | Field Sample ID: A1-TW-0014255-22114-N | Sample Date: 2022-05-10 | Sample Type: N (Normal) | Location Type: Non-Residence | Address: Building 998, SPAWAR SYSTEMS CENTER PACIFIC WAREHOUSE |
| Volatile Organic Compounds (ppb) | 1,1,2-Trichloroethane | 5 | MCL | ND | ND | ND | ND | ND | ND | ND |
| | 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 |
| | 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 | |

**Summary of Chemistry Results
Zone A1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in May 2022 from Other Buildings in Zone A1

| |
|---|
| 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: | A1-BLDG0998 | |
|------------------------|------------------------|-----------------------------|----------------------------------|--|---|-----------------------|
| | | | | Location Type: | Field Sample ID: | Sample Date: |
| | | | | A1-BLDG0995 Non-Residence Building 995, AMPHIBIOUS OPERATIONS BLDG | A1-BLDG0998 Non-Residence Building 998, SPAWAR SYSTEMS CENTER PACIFIC WAREHOUSE | |
| | | | | A1-TW-0014255-22114-N | A1-TW-0014258-22114-3-N | A1-TW-0014258-22114-N |
| | | | | 2022-05-10 | 2022-05-10 | 2022-05-10 |
| | | | | N (Normal) | FD (Field Duplicate) | N (Normal) |
| Haloacetic Acids (ppb) | Bromoacetic acid | -- | -- | ND | ND | ND |
| | Chloroacetic acid | -- | -- | ND | ND | ND |
| | 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 | -- | -- | ND | 0.690 | 0.680 |
| | Bromoform | -- | -- | ND | 2.20 | 2.00 |
| | Chloroform | -- | -- | ND | ND | ND |
| | Dibromochloromethane | -- | -- | ND | 1.70 | 1.60 |
| | Total Trihalomethanes | 80 | MCL | ND | 4.60 | 4.20 |

**Summary of Chemistry Results
Zone A1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in May 2022 from Fire Hydrants in Zone A1

| |
|---|
| 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: | A1-HYD0402 | A1-HYD2253 | A1-HYD2254 | A1-HYD2431 | A1-HYD55B | A1-HYD72 | |
|-----------------------------------|---------------------------------------|-----------------------------|----------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------|
| | | Location Type: | Hydrant | Hydrant | Hydrant | Hydrant | Hydrant | Hydrant | |
| | | Address: | SA-DFH 57 | SA-AFH 35 | FH ID: SA-AFH 7 | SA-AFH 60 | Hydrant 55B | Hydrant 72 | |
| | | Field Sample ID: | A1-DL-0016026-22114 -N | A1-DL-0016024-22114 -N | A1-DL-0000510-22114 -N | A1-DL-0016023-22114 -N | A1-DL-0016025-22114 -N | A1-DL-0016027-22114 -N | |
| | | Sample Date: | 2022-05-18 | 2022-05-11 | 2022-05-11 | 2022-05-11 | 2022-05-11 | 2022-05-11 | |
| | | 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 | | | | | | |
| Field Test (ppb) | Free Chlorine | 4000 | MCL | 210 | 280 | 630 | 110 | 630 | 590 |
| General Chemistry (ppb) | Total Organic Carbon | 2000 | ISP | ND | ND | ND | ND | ND | ND |
| Hydrocarbons (ppb) | Petroleum Hydrocarbons (as Diesel) | -- | -- | ND | ND | 70.7 | ND | 51.4 | 77.4 |
| | 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 | ND | 70.7 | ND | 51.4 | 77.4 |
| Metals (ppb) | Antimony | 6 | MCL | ND | ND | ND | ND | ND | ND |
| | Arsenic | 10 | MCL | ND | ND | ND | ND | ND | ND |
| | Barium | 2000 | MCL | 6.00 | 2.10 | 2.30 | 1.10 | 1.80 | 1.60 |
| | Beryllium | 4 | MCL | ND | ND | ND | ND | ND | ND |
| | Cadmium | 5 | MCL | ND | ND | ND | ND | 0.0840 | 0.0620 |
| | Chromium | 100 | MCL | 1.10 | 0.780 | 0.920 | ND | 0.650 | ND |
| | Copper | 1300 | MCL | 0.860 | 4.80 | 7.50 | 0.720 | 3.10 | 2.90 |
| | Lead | 15 | MCL | ND | 0.760 | 1.10 | ND | 0.360 | 0.400 |
| | Mercury | 2 | MCL | ND | ND | ND | ND | ND | ND |
| | Selenium | 50 | MCL | 0.320 | ND | ND | ND | ND | ND |
| Synthetic Organic Compounds (ppb) | Thallium | 2 | MCL | ND | ND | ND | ND | 0.130 | 0.0810 |
| | 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 |
| | 1,1-Dichloroethene | 7 | MCL | ND | ND | ND | ND | ND | ND |

**Summary of Chemistry Results
Zone A1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in May 2022 from Fire Hydrants in Zone A1

| |
|---|
| 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: | A1-HYD0402 | A1-HYD2253 | A1-HYD2254 | A1-HYD2431 | A1-HYD55B | A1-HYD72 | |
|----------------------------------|--------------------------|-----------------------------|----------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------|
| | | Location Type: | Hydrant | Hydrant | Hydrant | Hydrant | Hydrant | Hydrant | |
| | | Address: | SA-DFH 57 | SA-AFH 35 | FH ID: SA-AFH 7 | SA-AFH 60 | Hydrant 55B | Hydrant 72 | |
| | | Field Sample ID: | A1-DL-0016026-22114 -N | A1-DL-0016024-22114 -N | A1-DL-0000510-22114 -N | A1-DL-0016023-22114 -N | A1-DL-0016025-22114 -N | A1-DL-0016027-22114 -N | |
| | | Sample Date: | 2022-05-18 | 2022-05-11 | 2022-05-11 | 2022-05-11 | 2022-05-11 | 2022-05-11 | |
| | | 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 | A1-HYD0402 | A1-HYD2253 | A1-HYD2254 | A1-HYD2431 | A1-HYD55B | A1-HYD72 |
| Volatile Organic Compounds (ppb) | 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 |
| | Dibromoacetic acid | -- | -- | 1.60 | ND | ND | ND | ND | ND |
| | Dichloroacetic acid | -- | -- | ND | ND | ND | ND | ND | ND |

**Summary of Chemistry Results
Zone A1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in May 2022 from Fire Hydrants in Zone A1

| |
|---|
| 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: | A1-HYD0402 | A1-HYD2253 | A1-HYD2254 | A1-HYD2431 | A1-HYD55B | A1-HYD72 |
|------------------------|------------------------|-----------------------------|----------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| | | Location Type: | Hydrant | Hydrant | Hydrant | Hydrant | Hydrant | Hydrant |
| | | Address: | SA-DFH 57 | SA-AFH 35 | FH ID: SA-AFH 7 | SA-AFH 60 | Hydrant 55B | Hydrant 72 |
| | | Field Sample ID: | A1-DL-0016026-22114 -N | A1-DL-0016024-22114 -N | A1-DL-0000510-22114 -N | A1-DL-0016023-22114 -N | A1-DL-0016025-22114 -N | A1-DL-0016027-22114 -N |
| | | Sample Date: | 2022-05-18 | 2022-05-11 | 2022-05-11 | 2022-05-11 | 2022-05-11 | 2022-05-11 |
| | | 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) | Trichloroacetic acid | -- | -- | ND | ND | ND | ND | ND |
| | Total Haloacetic acids | 60 | MCL | 1.60 | ND | ND | ND | ND |
| Trihalomethanes (ppb) | Bromodichloromethane | -- | -- | 2.20 | ND | ND | ND | ND |
| | Bromoform | -- | -- | 12.3 | 4.50 | ND | ND | ND |
| | Chloroform | -- | -- | ND | ND | ND | ND | ND |
| | Dibromochloromethane | -- | -- | 7.70 | 1.50 | ND | ND | ND |
| | Total Trihalomethanes | 80 | MCL | 22.2 | 5.90 | ND | ND | ND |