

Summary of Chemistry Results
 Zone C1 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Child Development Centers in Zone C1

| |
|---|
| 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: | C1-BLDG1655 | |
| Location Type: | Child Development Center | |
| Address: | Building 1655,CHILD CARE CENTER-NAVAL STATION CDC, 915 North Rd | |
| Field Sample ID: | C1-TW-0014751-22347-N-1 | C1-TW-0014751-22347-N-2 |
| Sample Date: | 2023-02-03 | 2023-02-03 |
| Sample Type: | N (Normal) | N (Normal) |

| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | 440-490 | 440-490 |
|-----------------------------------|---------------------------------------|-----------------------------|----------------------------------|---------|---------|
| Field Test (ppb) | Free Chlorine | 4000 | MCL | 440-490 | 440-490 |
| 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 | 266 | ISP | ND | ND |
| Metals (ppb) | Antimony | 6 | MCL | ND | ND |
| | Arsenic | 10 | MCL | ND | ND |
| | Barium | 2000 | MCL | 1.80 | 1.80 |
| | Beryllium | 4 | MCL | ND | ND |
| | Cadmium | 5 | MCL | ND | ND |
| | Chromium | 100 | MCL | 1.40 | 1.50 |
| | Copper | 1300 | MCL | 17.9 | 11.6 |
| | Lead | 15 | MCL | ND | 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 | 0.450 | ND |
| | Naphthalene | 17 | EAL | ND | ND |

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| Sample Date: | 2023-02-03 | 2023-02-03 |
| Sample Type: | N (Normal) | N (Normal) |

| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | | |
|----------------------------------|----------------------------|-----------------------------|----------------------------------|----|----|
| 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 |
| | 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 (Total) | 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 | |

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|-------------------------|---|-------------------------|
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| Location Type: | Child Development Center | |
| Address: | Building 1655,CHILD CARE CENTER-NAVAL STATION CDC, 915 North Rd | |
| Field Sample ID: | C1-TW-0014751-22347-N-1 | C1-TW-0014751-22347-N-2 |
| Sample Date: | 2023-02-03 | 2023-02-03 |
| Sample Type: | N (Normal) | N (Normal) |

| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | | |
|----------------------------------|------------------------|-----------------------------|----------------------------------|----|----|
| Volatile Organic Compounds (ppb) | 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 |
| | 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 C1 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Other Buildings in Zone C1

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| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | Location ID: | C1-BLDG0445 | | C1-BLDG0448 | C1-BLDG0584 | C1-BLDG0628 | C1-BLDG0644 | C1-BLDG0650 | |
|-----------------------------------|---------------------------------------|-----------------------------|----------------------------------|------------------|---------------------------------------|-------------------------|--------------------------------------|---|------------------------------|--------------------------------|-----------------------------|-----------------------|
| | | | | Location Type: | Non-Residence | | Non-Residence | Medical Building | Non-Residence | Non-Residence | Non-Residence | |
| | | | | Address: | Building 445,WAREHOUSE/CARPENTRY SHOP | | Building 448,GENERAL DEPOT WAREHOUSE | Building 584,CAREER INFORMATION CENTER, 2367 North Rd | Building 628,SHARKEY THEATRE | Building 644,MWR ISSUE STORAGE | Building 650,COMSUBPAC BLDG | |
| | | | | Field Sample ID: | C1-TW-0014679-22347-N | C1-TW-0014681-22347-3-N | C1-TW-0014681-22347-N | C1-TW-0014682-22347-N | C1-TW-0014693-22347-N | C1-TW-0014696-22347-N | C1-TW-0014616-22347-N | C1-TW-0014617-22347-N |
| | | | | Sample Date: | 2023-02-03 | 2023-04-20 | 2023-04-20 | 2023-04-20 | 2023-04-20 | 2023-02-03 | 2023-02-03 | 2023-04-20 |
| | | | | Sample Type: | N (Normal) | FD (Field Duplicate) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) |
| Field Test (ppb) | Free Chlorine | 4000 | MCL | 470 | 210 | 210 | 420 | 30.0 | 70.0 | 150 | 20.0 | |
| General Chemistry (ppb) | Total Organic Carbon | 2000 | ISP | ND | ND | ND | ND | ND | ND | ND | ND | |
| Hydrocarbons (ppb) | Petroleum Hydrocarbons (as Diesel) | -- | -- | ND | 63.1 | 68.3 | 55.6 | 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 | 266 | ISP | ND | 63.1 | 68.3 | 55.6 | ND | ND | ND | ND | |
| Metals (ppb) | Antimony | 6 | MCL | ND | ND | ND | ND | ND | ND | ND | ND | |
| | Arsenic | 10 | MCL | ND | 0.650 | ND | 0.630 | 0.620 | ND | ND | 0.610 | |
| | Barium | 2000 | MCL | 1.90 | 1.90 | 1.90 | 2.00 | 3.10 | 1.80 | 1.80 | 2.80 | |
| | 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 | 1.50 | ND | ND | ND | ND | 1.20 | 1.50 | ND | |
| | Copper | 1300 | MCL | 77.2 | 32.5 | 34.5 | 22.2 | 8.10 | 188 | 4.70 | 53.0 | |
| | Lead | 15 | MCL | ND | 0.170 | 0.150 | 0.170 | 0.190 | 0.210 | ND | 0.900 | |
| | Mercury | 2 | MCL | ND | ND | ND | ND | ND | ND | ND | 0.0320 | |
| | Selenium | 50 | 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 | 0.0160 | ND | ND | ND | ND | ND | ND | |
| | Bis(2-ethylhexyl)phthalate | 6 | MCL | ND | ND | ND | ND | ND | 0.440 | 0.450 | 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 | | |

Summary of Chemistry Results
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Drinking Water Samples collected in January - June 2023 from Other Buildings in Zone C1

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| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | Location ID: | C1-BLDG0445 | | C1-BLDG0448 | C1-BLDG0584 | C1-BLDG0628 | C1-BLDG0644 | C1-BLDG0650 | |
|----------------------------------|----------------------------|-----------------------------|----------------------------------|------------------|---------------------------------------|-------------------------|--------------------------------------|---|------------------------------|--------------------------------|-----------------------------|-----------------------|
| | | | | Location Type: | Non-Residence | | Non-Residence | Medical Building | Non-Residence | Non-Residence | Non-Residence | |
| | | | | Address: | Building 445,WAREHOUSE/CARPENTRY SHOP | | Building 448,GENERAL DEPOT WAREHOUSE | Building 584,CAREER INFORMATION CENTER, 2367 North Rd | Building 628,SHARKEY THEATRE | Building 644,MWR ISSUE STORAGE | Building 650,COMSUBPAC BLDG | |
| | | | | Field Sample ID: | C1-TW-0014679-22347-N | C1-TW-0014681-22347-3-N | C1-TW-0014681-22347-N | C1-TW-0014682-22347-N | C1-TW-0014693-22347-N | C1-TW-0014696-22347-N | C1-TW-0014616-22347-N | C1-TW-0014617-22347-N |
| | | | | Sample Date: | 2023-02-03 | 2023-04-20 | 2023-04-20 | 2023-04-20 | 2023-04-20 | 2023-02-03 | 2023-02-03 | 2023-04-20 |
| | | | | Sample Type: | N (Normal) | FD (Field Duplicate) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) |
| Volatile Organic Compounds (ppb) | 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 | |
| | 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 (Total) | 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 | | |

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|------------------------|------------------------|-----------------------------|----------------------------------|------------------|--|-------------------------|---------------------------------------|--|-------------------------------|---------------------------------|------------------------------|-----------------------|
| | | | | Location Type: | Non-Residence | | Non-Residence | Medical Building | Non-Residence | Non-Residence | Non-Residence | |
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| | | | | Field Sample ID: | C1-TW-0014679-22347-N | C1-TW-0014681-22347-3-N | C1-TW-0014681-22347-N | C1-TW-0014682-22347-N | C1-TW-0014693-22347-N | C1-TW-0014696-22347-N | C1-TW-0014616-22347-N | C1-TW-0014617-22347-N |
| | | | | Sample Date: | 2023-02-03 | 2023-04-20 | 2023-04-20 | 2023-04-20 | 2023-04-20 | 2023-02-03 | 2023-02-03 | 2023-04-20 |
| | | | | Sample Type: | N (Normal) | FD (Field Duplicate) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) |
| 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 | 0.830 | ND | ND | |
| | 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 | 0.830 | ND | ND | |
| Trihalomethanes (ppb) | Bromodichloromethane | -- | -- | 0.250 | ND | ND | 0.250 | ND | ND | ND | ND | |
| | Bromoform | -- | -- | 2.40 | 0.940 | 0.990 | 1.20 | 2.30 | 4.30 | ND | 1.20 | |
| | Chloroform | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | |
| | Dibromochloromethane | -- | -- | 0.940 | 0.560 | 0.510 | 0.740 | 0.640 | 0.860 | ND | 0.380 | |
| | Total Trihalomethanes | 80 | MCL | 3.59 | 1.50 | 1.50 | 2.19 | 2.94 | 5.16 | ND | 1.58 | |

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| | | Location ID: | C1-BLDG0654 | C1-BLDG0661 | C1-BLDG0662 | C1-BLDG0663 | C1-BLDG0667 | C1-BLDG0676 | C1-BLDG0681 | C1-BLDG0718 | |
|-----------------------------------|---------------------------------------|-----------------------------|---|--|---|----------------------------|---|-------------------------------|-------------------------------|---|-------|
| | | Location Type: | Non-Residence | Non-Residence | Non-Residence | Non-Residence | Non-Residence | Non-Residence | Non-Residence | Non-Residence | |
| | | Address: | Building 654,BEQ/PAQUET HALL/GALLEY, 655 Cromwell Cir | Building 661,ADMINISTRATIO N BUILDING, 661 Morton St | Building 662,NGIS - NAVY TDY (LOCKWOOD HALL), 1366 Dealey Cir | Building 663,SNIPES SHOWER | Building 667,MWR PIER SIDE FITNESS CENTER | Building 676,SVC DIV CODE 714 | Building 681,N2 SECURITY BLDG | Building 718,LAUNDRY-BOQ 1729, 1260 Pierce St | |
| | | Field Sample ID: | C1-TW-0014640-22347-N | C1-TW-0014643-22347-N | C1-TW-0014644-22347-N | C1-TW-0014645-22347-N | C1-TW-0014649-22347-N | C1-TW-0014653-22347-N | C1-TW-0014656-22347-N | C1-TW-0014663-22347-N | |
| | | Sample Date: | 2023-04-27 | 2023-04-27 | 2023-04-27 | 2023-02-03 | 2023-04-27 | 2023-04-20 | 2023-02-03 | 2023-04-27 | |
| | | 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 | 250 | 180 | 270 | 410 | 230 | 90.0 | 60.0 | 430 |
| General Chemistry (ppb) | Total Organic Carbon | 2000 | ISP | ND | ND | ND | ND | ND | ND | ND | 210 |
| Hydrocarbons (ppb) | Petroleum Hydrocarbons (as Diesel) | -- | -- | 59.2 | ND | ND | ND | 64.3 | 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 | 266 | ISP | 59.2 | ND | ND | ND | 64.3 | ND | ND | ND |
| Metals (ppb) | Antimony | 6 | MCL | ND | ND | ND | 0.110 | ND | 0.130 | ND | ND |
| | Arsenic | 10 | MCL | ND | ND | ND | ND | ND | 0.720 | ND | ND |
| | Barium | 2000 | MCL | 2.00 | 2.80 | 2.00 | 2.40 | 1.90 | 2.70 | 1.90 | 1.90 |
| | Beryllium | 4 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | Cadmium | 5 | MCL | ND | ND | ND | ND | ND | 0.350 | ND | ND |
| | Chromium | 100 | MCL | 1.80 | 1.80 | 1.90 | 1.60 | 1.70 | ND | ND | 1.80 |
| | Copper | 1300 | MCL | 66.7 | 9.50 | 56.1 | 10.5 | 38.8 | 220 | 10.4 | 28.1 |
| | Lead | 15 | MCL | 0.220 | ND | 2.60 | ND | ND | 3.40 | 0.290 | 0.880 |
| | 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 | 0.0150 | ND | ND |
| | Bis(2-ethylhexyl)phthalate | 6 | MCL | ND | ND | ND | 0.430 | 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 |

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| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | Location ID: | Location ID: | Location ID: | Location ID: | Location ID: | Location ID: | Location ID: | |
|----------------------------------|----------------------------|-----------------------------|----------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------|
| | | | | C1-BLDG0654 | C1-BLDG0661 | C1-BLDG0662 | C1-BLDG0663 | C1-BLDG0667 | C1-BLDG0676 | C1-BLDG0681 | C1-BLDG0718 |
| | | | | Location Type: | Location Type: | Location Type: | Location Type: | Location Type: | Location Type: | Location Type: | |
| | | | | Address: | Address: | Address: | Address: | Address: | Address: | Address: | |
| | | | | Field Sample ID: | Field Sample ID: | Field Sample ID: | Field Sample ID: | Field Sample ID: | Field Sample ID: | Field Sample ID: | |
| | | | | Sample Date: | Sample Date: | Sample Date: | Sample Date: | Sample Date: | Sample Date: | Sample Date: | |
| | | | | Sample Type: | Sample Type: | Sample Type: | Sample Type: | Sample Type: | Sample Type: | Sample Type: | |
| Volatile Organic Compounds (ppb) | 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 |
| | 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 (Total) | 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 |

Summary of Chemistry Results
 Zone C1 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Other Buildings in Zone C1

| |
|---|
| 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: | C1-BLDG0654 | C1-BLDG0661 | C1-BLDG0662 | C1-BLDG0663 | C1-BLDG0667 | C1-BLDG0676 | C1-BLDG0681 | C1-BLDG0718 |
|------------------------|------------------------|-----------------------------|---|--|---|----------------------------|---|-------------------------------|-------------------------------|---|
| | | Location Type: | Non-Residence | Non-Residence | Non-Residence | Non-Residence | Non-Residence | Non-Residence | Non-Residence | Non-Residence |
| | | Address: | Building 654,BEQ/PAQUET HALL/GALLEY, 655 Cromwell Cir | Building 661,ADMINISTRATIO N BUILDING, 661 Morton St | Building 662,NGIS - NAVY TDY (LOCKWOOD HALL), 1366 Dealey Cir | Building 663,SNIPES SHOWER | Building 667,MWR PIER SIDE FITNESS CENTER | Building 676,SVC DIV CODE 714 | Building 681,N2 SECURITY BLDG | Building 718,LAUNDRY-BOQ 1729, 1260 Pierce St |
| | | Field Sample ID: | C1-TW-0014640-22347-N | C1-TW-0014643-22347-N | C1-TW-0014644-22347-N | C1-TW-0014645-22347-N | C1-TW-0014649-22347-N | C1-TW-0014653-22347-N | C1-TW-0014656-22347-N | C1-TW-0014663-22347-N |
| | | Sample Date: | 2023-04-27 | 2023-04-27 | 2023-04-27 | 2023-02-03 | 2023-04-27 | 2023-04-20 | 2023-02-03 | 2023-04-27 |
| | | 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) | 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 |
| | 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 | 0.500 | ND | 0.290 | ND | ND | ND |
| | Bromoform | -- | -- | 0.540 | 2.50 | ND | 3.20 | 0.510 | 0.540 | 0.880 |
| | Chloroform | -- | -- | ND | ND | ND | ND | ND | ND | ND |
| | Dibromochloromethane | -- | -- | 0.320 | 1.50 | ND | 1.00 | 0.330 | ND | 0.330 |
| | Total Trihalomethanes | 80 | MCL | 0.860 | 4.50 | ND | 4.49 | 0.840 | 0.540 | 1.21 |

Summary of Chemistry Results
 Zone C1 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Other Buildings in Zone C1

| |
|---|
| 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: | C1-BLDG1407 | C1-BLDG1514 | C1-BLDG1535 | C1-BLDG1757 | C1-BLDG2186 | C1-BLDG451K | C1-BLDG452K | C1-BLDG9478 |
|-----------------------------------|---------------------------------------|-----------------------------|----------------------------------|------------------|--|--|---|---|--|------------------------------|---------------------------------------|---|
| | | | | Location Type: | Medical Building | Medical Building | Medical Building | Non-Residence | Non-Residence | Non-Residence | Non-Residence | Non-Residence |
| | | | | Address: | Building 1407, MAKALAPA MEDICAL/DENTAL CLINIC-PEARL HARBOR, 1253 Makalapa Rd | Building 1514, SMART CLINIC/NAVY RELIEF-PEARL HARBOR, 1514 Makalapa Rd | Building 1535, MEDICAL CLINIC/SARP-PEARL HARBOR, B1535 North Road | Building 1757, FUEL DEPT CENTER MAINTENANCE | Building 2186, NEX MINI-MART HOLOMOKU, 1477 North Rd | Building 451K, PACKING PLANT | Building 452K, SORTING/ASSE MBLY WHSE | Building 9478, OCEAN TERMINAL WTRFRT STRG |
| | | | | Field Sample ID: | C1-TW-0014730-22347-N | C1-TW-0014738-22347-N | C1-TW-0014739-22347-N | C1-TW-0014772-22347-N | C1-TW-0014788-22347-N | C1-TW-0014793-22347-N | C1-TW-0014794-22347-N | C1-TW-0014619-22347-N |
| | | | | Sample Date: | 2023-02-03 | 2023-04-20 | 2023-02-03 | 2023-04-20 | 2023-04-27 | 2023-04-24 | 2023-04-20 | 2023-04-20 |
| | | | | Sample Type: | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) |
| Field Test (ppb) | Free Chlorine | 4000 | MCL | 420 | 320 | 450 | 540 | 530 | 210 | 30.0 | 290 | |
| General Chemistry (ppb) | Total Organic Carbon | 2000 | ISP | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Hydrocarbons (ppb) | Petroleum Hydrocarbons (as Diesel) | -- | -- | ND | 55.3 | ND | 53.0 | ND | 55.2 | ND | ND | ND |
| | Petroleum Hydrocarbons (as Gasoline) | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | Petroleum Hydrocarbons (as Motor Oil) | -- | -- | ND | 55.3 | ND | ND | ND | ND | ND | ND | ND |
| | Petroleum Hydrocarbons, Total | 266 | ISP | ND | 111 | ND | 53.0 | ND | 55.2 | ND | ND | ND |
| Metals (ppb) | Antimony | 6 | MCL | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | Arsenic | 10 | MCL | ND | 0.650 | ND | 0.500 | ND | ND | 0.640 | 0.640 | |
| | Barium | 2000 | MCL | 1.80 | 3.40 | 1.80 | 1.80 | 1.90 | 1.90 | 1.90 | 1.80 | |
| | Beryllium | 4 | MCL | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | Cadmium | 5 | MCL | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | Chromium | 100 | MCL | 1.50 | ND | 1.40 | ND | 1.90 | 1.60 | ND | ND | ND |
| | Copper | 1300 | MCL | 29.4 | 28.9 | 50.1 | 20.1 | 28.7 | 37.3 | 45.4 | 42.1 | |
| | Lead | 15 | MCL | ND | 0.650 | ND | ND | 0.290 | 0.210 | 0.400 | 0.140 | |
| | Mercury | 2 | MCL | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | Selenium | 50 | MCL | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Synthetic Organic Compounds (ppb) | Thallium | 2 | MCL | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 1-Methylnaphthalene | 10 | EAL | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 2-Methylnaphthalene | 10 | EAL | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | Benzo(a)pyrene | 0.2 | MCL | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | Bis(2-ethylhexyl)phthalate | 6 | MCL | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | Naphthalene | 17 | EAL | ND | ND | ND | ND | ND | ND | ND | ND | ND |

Summary of Chemistry Results
 Zone C1 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Other Buildings in Zone C1

| |
|---|
| 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: | C1-BLDG1407 | C1-BLDG1514 | C1-BLDG1535 | C1-BLDG1757 | C1-BLDG2186 | C1-BLDG451K | C1-BLDG452K | C1-BLDG9478 |
|----------------------------------|----------------------------|-----------------------------|----------------------------------|------------------|--|--|---|---|--|------------------------------|---------------------------------------|---|
| | | | | Location Type: | Medical Building | Medical Building | Medical Building | Non-Residence | Non-Residence | Non-Residence | Non-Residence | Non-Residence |
| | | | | Address: | Building 1407, MAKALAPA MEDICAL/DENTAL CLINIC-PEARL HARBOR, 1253 Makalapa Rd | Building 1514, SMART CLINIC/NAVY RELIEF-PEARL HARBOR, 1514 Makalapa Rd | Building 1535, MEDICAL CLINIC/SARP-PEARL HARBOR, B1535 North Road | Building 1757, FUEL DEPT CENTER MAINTENANCE | Building 2186, NEX MINI-MART HOLOMOKU, 1477 North Rd | Building 451K, PACKING PLANT | Building 452K, SORTING/ASSE MBLY WHSE | Building 9478, OCEAN TERMINAL WTRFRT STRG |
| | | | | Field Sample ID: | C1-TW-0014730-22347-N | C1-TW-0014738-22347-N | C1-TW-0014739-22347-N | C1-TW-0014772-22347-N | C1-TW-0014788-22347-N | C1-TW-0014793-22347-N | C1-TW-0014794-22347-N | C1-TW-0014619-22347-N |
| | | | | Sample Date: | 2023-02-03 | 2023-04-20 | 2023-02-03 | 2023-04-20 | 2023-04-27 | 2023-04-24 | 2023-04-20 | 2023-04-20 |
| | | | | Sample Type: | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | N (Normal) |
| | | DOH Project Screening Level | Basis of Project Screening Level | | | | | | | | | |
| Method Group | Analyte | | | | | | | | | | | |
| Volatile Organic Compounds (ppb) | 1,1,1-Trichloroethane | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 1,1,2-Trichloroethane | 5 | MCL | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 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 (Total) | 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 | |

Summary of Chemistry Results
 Zone C1 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Other Buildings in Zone C1

| |
|---|
| 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: | C1-BLDG1407 | C1-BLDG1514 | C1-BLDG1535 | C1-BLDG1757 | C1-BLDG2186 | C1-BLDG451K | C1-BLDG452K | C1-BLDG9478 | |
|----------------------------------|------------------------|-----------------------------|--|--|---|---|--|------------------------------|---------------------------------------|---|-------------|
| | | Location Type: | Medical Building | Medical Building | Medical Building | Non-Residence | Non-Residence | Non-Residence | Non-Residence | Non-Residence | |
| | | Address: | Building 1407, MAKALAPA MEDICAL/DENTAL CLINIC-PEARL HARBOR, 1253 Makalapa Rd | Building 1514, SMART CLINIC/NAVY RELIEF-PEARL HARBOR, 1514 Makalapa Rd | Building 1535, MEDICAL CLINIC/SARP-PEARL HARBOR, B1535 North Road | Building 1757, FUEL DEPT CENTER MAINTENANCE | Building 2186, NEX MINI-MART HOLOMOKU, 1477 North Rd | Building 451K, PACKING PLANT | Building 452K, SORTING/ASSE MBLY WHSE | Building 9478, OCEAN TERMINAL WTRFRT STRG | |
| | | Field Sample ID: | C1-TW-0014730-22347-N | C1-TW-0014738-22347-N | C1-TW-0014739-22347-N | C1-TW-0014772-22347-N | C1-TW-0014788-22347-N | C1-TW-0014793-22347-N | C1-TW-0014794-22347-N | C1-TW-0014619-22347-N | |
| | | Sample Date: | 2023-02-03 | 2023-04-20 | 2023-02-03 | 2023-04-20 | 2023-04-27 | 2023-04-24 | 2023-04-20 | 2023-04-20 | |
| | | 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 | C1-BLDG1407 | C1-BLDG1514 | C1-BLDG1535 | C1-BLDG1757 | C1-BLDG2186 | C1-BLDG451K | C1-BLDG452K | C1-BLDG9478 |
| Volatile Organic Compounds (ppb) | 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 |
| | Trichloroacetic acid | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND |
| | Total Haloacetic acids | 60 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| Trihalomethanes (ppb) | Bromodichloromethane | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND |
| | Bromoform | -- | -- | 0.690 | 0.950 | ND | 0.260 | ND | 0.410 | 0.730 | 0.800 |
| | Chloroform | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND |
| | Dibromochloromethane | -- | -- | ND | 0.350 | ND | ND | ND | ND | 0.320 | 0.380 |
| | Total Trihalomethanes | 80 | MCL | 0.690 | 1.30 | ND | 0.260 | ND | 0.410 | 1.05 | 1.18 |

Summary of Chemistry Results
 Zone C1 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Fire Hydrants in Zone C1

| |
|---|
| 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: | | C1-HYD1183 | | C1-HYD1765 | | C1-HYD1769 | C1-HYD354 | C1-HYD444 | |
|-----------------------------------|---------------------------------------|-----------------------------|----------------------------------|-----------------------------|---------------------------|-----------------------------|---------------------------|---------------------------|---------------------------|-----------------------------|---------------------------|
| | | Location Type: | | Hydrant | | Hydrant | | Hydrant | Hydrant | Hydrant | |
| | | Address: | | FH ID: 512 | | FH ID: FH 503 | | FHID: 563 | FHID: 479 | FHID: 413 | |
| | | Field Sample ID: | | C1-DL-0000531-22347 -3-N | C1-DL-0000531-22347 -N | C1-DL-0000526-22347 -3-N | C1-DL-0000526-22347 -N | C1-DL-0017789-22347 -N | C1-DL-0017791-22347 -N | C1-DL-0017788-22347 -3-N | C1-DL-0017788-22347 -N |
| | | Sample Date: | | 2023-02-03 | 2023-02-03 | 2023-04-26 | 2023-04-26 | 2023-04-26 | 2023-04-26 | 2023-05-01 | 2023-05-01 |
| | | Sample Type: | | FD (Field Duplicate) | N (Normal) | FD (Field Duplicate) | N (Normal) | 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 | 30.0 | 30.0 | 210 | 210 | 50.0 | 250 | 260 | 260 |
| General Chemistry (ppb) | Total Organic Carbon | 2000 | ISP | ND | ND | ND | ND | 240 | 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 | 53.8 | ND | ND | 52.6 | ND | ND | ND |
| | Petroleum Hydrocarbons, Total | 266 | ISP | ND | 53.8 | ND | ND | 52.6 | 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 | 0.610 | ND |
| | Barium | 2000 | MCL | 8.70 | 8.80 | 1.90 | 1.80 | 2.50 | 1.90 | 2.80 | 2.80 |
| | 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 | 1.40 | 1.10 | 1.70 | 1.70 | 1.40 | 1.80 | 1.70 | 1.70 |
| | 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 | 0.0150 | ND | ND |
| | Bis(2-ethylhexyl)phthalate | 6 | MCL | ND | ND | ND | ND | ND | 0.480 | 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 |
| | 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 |

Summary of Chemistry Results
 Zone C1 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Fire Hydrants in Zone C1

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| | | Location ID: C1-HYD1183 | | C1-HYD1765 | | C1-HYD1769 | | C1-HYD354 | | C1-HYD444 | |
|----------------------------------|----------------------------|--------------------------------------|----------------------------------|----------------------|---------------------|---------------------|---------------------|---------------------|----------------------|---------------------|---------------------|
| | | Location Type: Hydrant | | Hydrant | | Hydrant | | Hydrant | | Hydrant | |
| | | Address: FH ID: 512 | | FH ID: FH 503 | | FHID: 563 | | FHID: 479 | | FHID: 413 | |
| | | Field Sample ID: C1-DL-0000531-22347 | C1-DL-0000531-22347 | C1-DL-0000526-22347 | C1-DL-0000526-22347 | C1-DL-0017789-22347 | C1-DL-0017791-22347 | C1-DL-0017788-22347 | C1-DL-0017788-22347 | C1-DL-0017788-22347 | C1-DL-0017788-22347 |
| | | -3-N | -N | -3-N | -N | -N | -N | -N | -3-N | -N | -N |
| | | Sample Date: 2023-02-03 | 2023-02-03 | 2023-04-26 | 2023-04-26 | 2023-04-26 | 2023-04-26 | 2023-04-26 | 2023-05-01 | 2023-05-01 | 2023-05-01 |
| | | Sample Type: FD (Field Duplicate) | N (Normal) | FD (Field Duplicate) | N (Normal) | N (Normal) | N (Normal) | N (Normal) | FD (Field Duplicate) | N (Normal) | N (Normal) |
| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | | | | | | | | |
| Volatile Organic Compounds (ppb) | 1,2-Dichloroethane | 5 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |
| | 1,2-Dichloroethene (Total) | 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 |
| 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 |
| Trichloroacetic acid | | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND |
| Total Haloacetic acids | | 60 | MCL | ND | ND | ND | ND | ND | ND | ND | ND |

Summary of Chemistry Results
 Zone C1 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Fire Hydrants in Zone C1

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| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | C1-HYD1183 | | C1-HYD1765 | | C1-HYD1769 | C1-HYD354 | C1-HYD444 | | |
|--------------|---------|-----------------------------|----------------------------------|-------------------------|-----------------------|-------------------------|-----------------------|-----------------------|-----------------------|-------------------------|-----------------------|---------|
| | | | | Location ID: | Location Type: | Address: | Field Sample ID: | Sample Date: | Sample Type: | Hydrant | Hydrant | Hydrant |
| | | | | C1-DL-0000531-22347-3-N | C1-DL-0000531-22347-N | C1-DL-0000526-22347-3-N | C1-DL-0000526-22347-N | C1-DL-0017789-22347-N | C1-DL-0017791-22347-N | C1-DL-0017788-22347-3-N | C1-DL-0017788-22347-N | |
| | | | | 2023-02-03 | 2023-02-03 | 2023-04-26 | 2023-04-26 | 2023-04-26 | 2023-04-26 | 2023-05-01 | 2023-05-01 | |
| | | | | FD (Field Duplicate) | N (Normal) | FD (Field Duplicate) | N (Normal) | N (Normal) | N (Normal) | FD (Field Duplicate) | N (Normal) | |
| | | | | 0.520 | 0.510 | ND | ND | 1.20 | ND | 0.260 | ND | |
| | | | | 3.70 | 3.20 | 0.380 | 0.340 | 5.90 | 0.570 | 1.20 | 1.10 | |
| | | | | 0.260 | ND | ND | ND | 0.730 | ND | ND | ND | |
| | | | | 0.940 | 0.810 | 0.280 | 0.290 | 2.30 | 0.260 | 0.700 | 0.710 | |
| | | | | 5.42 | 4.52 | 0.660 | 0.630 | 10.1 | 0.830 | 2.16 | 1.81 | |

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| | |
|-------------------------|---------------------------|
| Location ID: | C1-HYD817 |
| Location Type: | Hydrant |
| Address: | FHID: 530A |
| Field Sample ID: | C1-DL-0017790-22347 -N |
| Sample Date: | 2023-05-01 |
| Sample Type: | N (Normal) |

| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | Result |
|-----------------------------------|---------------------------------------|-----------------------------|----------------------------------|--------|
| Field Test (ppb) | Free Chlorine | 4000 | MCL | 300 |
| General Chemistry (ppb) | Total Organic Carbon | 2000 | ISP | ND |
| Hydrocarbons (ppb) | Petroleum Hydrocarbons (as Diesel) | -- | -- | 58.5 |
| | Petroleum Hydrocarbons (as Gasoline) | -- | -- | ND |
| | Petroleum Hydrocarbons (as Motor Oil) | -- | -- | ND |
| | Petroleum Hydrocarbons, Total | 266 | ISP | 58.5 |
| Metals (ppb) | Antimony | 6 | MCL | ND |
| | Arsenic | 10 | MCL | ND |
| | Barium | 2000 | MCL | 2.80 |
| | Beryllium | 4 | MCL | ND |
| | Cadmium | 5 | MCL | ND |
| | Chromium | 100 | MCL | 1.80 |
| | Mercury | 2 | MCL | ND |
| | Selenium | 50 | MCL | ND |
| | Thallium | 2 | MCL | ND |
| Synthetic Organic Compounds (ppb) | 1-Methylnaphthalene | 10 | EAL | ND |
| | 2-Methylnaphthalene | 10 | EAL | ND |
| | Benzo(a)pyrene | 0.2 | MCL | ND |
| | Bis(2-ethylhexyl)phthalate | 6 | MCL | ND |
| | Naphthalene | 17 | EAL | ND |
| Volatile Organic Compounds (ppb) | 1,1,1-Trichloroethane | -- | -- | ND |
| | 1,1,2-Trichloroethane | 5 | MCL | ND |
| | 1,1-Dichloroethene | 7 | MCL | ND |
| | 1,2,4-Trichlorobenzene | 70 | MCL | ND |
| | 1,2-Dichlorobenzene | 600 | MCL | ND |

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| Location Type: | Hydrant |
| Address: | FHID: 530A |
| Field Sample ID: | C1-DL-0017790-22347 -N |
| Sample Date: | 2023-05-01 |
| Sample Type: | N (Normal) |

| Method Group | Analyte | DOH Project Screening Level | Basis of Project Screening Level | |
|----------------------------------|----------------------------|-----------------------------|----------------------------------|----|
| Volatile Organic Compounds (ppb) | 1,2-Dichloroethane | 5 | MCL | ND |
| | 1,2-Dichloroethene (Total) | 70 | MCL | ND |
| | 1,2-Dichloropropane | 5 | MCL | ND |
| | 1,4-Dichlorobenzene | 75 | MCL | ND |
| | Benzene | 5 | MCL | ND |
| | Carbon Tetrachloride | 5 | MCL | ND |
| | Chlorobenzene | 100 | MCL | ND |
| | cis-1,2-Dichloroethene | 70 | MCL | ND |
| | Ethylbenzene | 700 | MCL | ND |
| | m,p-Xylene | -- | -- | ND |
| | Methylene chloride | 5 | MCL | ND |
| | o-Xylene | -- | -- | ND |
| | Styrene | 100 | MCL | ND |
| | Tetrachloroethene (PCE) | 5 | MCL | ND |
| | Toluene | 1000 | MCL | ND |
| | trans-1,2-Dichloroethene | 100 | MCL | ND |
| | Trichloroethene (TCE) | 5 | MCL | ND |
| | Vinyl chloride | 2 | MCL | ND |
| | Xylenes, Total | 10000 | MCL | ND |
| | Haloacetic Acids (ppb) | Bromoacetic acid | -- | -- |
| Chloroacetic acid | | -- | -- | ND |
| Dibromoacetic acid | | -- | -- | ND |
| Dichloroacetic acid | | -- | -- | ND |
| Trichloroacetic acid | | -- | -- | ND |
| Total Haloacetic acids | | 60 | MCL | ND |

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|-----------------------|-----------------------|-----------------------------|----------------------------------|-------|
| Trihalomethanes (ppb) | Bromodichloromethane | -- | -- | 0.360 |
| | Bromoform | -- | -- | 1.50 |
| | Chloroform | -- | -- | ND |
| | Dibromochloromethane | -- | -- | 0.880 |
| | Total Trihalomethanes | 80 | MCL | 2.74 |