

**Summary of Chemistry Results  
Zone C3 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-October 2022 from Other Buildings in Zone C3**

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| ISP = Incident Specific Parameter                             |
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| All Results shown in Parts per Billion (ppb)                  |
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| Method Group                      | Analyte                               | DOH Project Screening Level | Basis of Project Screening Level | Location ID: C3-BLDG009A |             | Location ID: C3-BLDG044A |                 | Location ID: C3-BLDG067A |             | Location ID: C3-BLDG155A |             | Location ID: C3-BLDG2193 |                 |             |
|-----------------------------------|---------------------------------------|-----------------------------|----------------------------------|--------------------------|-------------|--------------------------|-----------------|--------------------------|-------------|--------------------------|-------------|--------------------------|-----------------|-------------|
|                                   |                                       |                             |                                  | Field Sample ID          | Sample Date | Sample Type              | Field Sample ID | Sample Date              | Sample Type | Field Sample ID          | Sample Date | Sample Type              | Field Sample ID | Sample Date |
| Field Test (ppb)                  | Free Chlorine                         | 4000                        | MCL                              | 120                      | 120         | 50.0                     | 320             | 80.0                     | 90.0        |                          |             |                          |                 |             |
| General Chemistry (ppb)           | Total Organic Carbon                  | 2000                        | ISP                              | ND                       | ND          | ND                       | ND              | ND                       | ND          |                          |             |                          |                 |             |
| Hydrocarbons (ppb)                | Petroleum Hydrocarbons (as Diesel)    | --                          | --                               | ND                       | ND          | ND                       | ND              | ND                       | ND          |                          |             |                          |                 |             |
|                                   | Petroleum Hydrocarbons (as Gasoline)  | --                          | --                               | ND                       | ND          | ND                       | ND              | ND                       | ND          |                          |             |                          |                 |             |
|                                   | Petroleum Hydrocarbons (as Motor Oil) | --                          | --                               | ND                       | ND          | ND                       | ND              | ND                       | ND          |                          |             |                          |                 |             |
|                                   | Petroleum Hydrocarbons, Total         | 266                         | ISP                              | ND                       | ND          | ND                       | ND              | ND                       | ND          |                          |             |                          |                 |             |
| Metals (ppb)                      | Antimony                              | 6                           | MCL                              | ND                       | ND          | ND                       | ND              | ND                       | ND          |                          |             |                          |                 |             |
|                                   | Arsenic                               | 10                          | MCL                              | ND                       | ND          | ND                       | ND              | ND                       | ND          |                          |             |                          |                 |             |
|                                   | Barium                                | 2000                        | MCL                              | 1.70                     | 1.80        | 2.10                     | 2.00            | 2.30                     | 2.30        |                          |             |                          |                 |             |
|                                   | Beryllium                             | 4                           | MCL                              | ND                       | ND          | ND                       | ND              | ND                       | ND          |                          |             |                          |                 |             |
|                                   | Cadmium                               | 5                           | MCL                              | ND                       | ND          | ND                       | ND              | ND                       | ND          |                          |             |                          |                 |             |
|                                   | Chromium                              | 100                         | MCL                              | 1.60                     | 1.70        | 1.60                     | 1.70            | 1.60                     | 1.70        |                          |             |                          |                 |             |
|                                   | Copper                                | 1300                        | MCL                              | 188                      | 215         | 45.8                     | 111             | 193                      | 50.1        |                          |             |                          |                 |             |
|                                   | Lead                                  | 15                          | MCL                              | ND                       | ND          | ND                       | ND              | ND                       | 0.230       |                          |             |                          |                 |             |
|                                   | Mercury                               | 2                           | MCL                              | ND                       | ND          | ND                       | ND              | ND                       | ND          |                          |             |                          |                 |             |
|                                   | Selenium                              | 50                          | MCL                              | ND                       | ND          | ND                       | ND              | ND                       | ND          |                          |             |                          |                 |             |
| Synthetic Organic Compounds (ppb) | Thallium                              | 2                           | MCL                              | ND                       | ND          | ND                       | ND              | ND                       | ND          |                          |             |                          |                 |             |
|                                   | 1-Methylnaphthalene                   | 10                          | EAL                              | ND                       | ND          | ND                       | ND              | ND                       | ND          |                          |             |                          |                 |             |
|                                   | 2-Methylnaphthalene                   | 10                          | EAL                              | ND                       | ND          | ND                       | ND              | ND                       | ND          |                          |             |                          |                 |             |
|                                   | Benzo(a)pyrene                        | 0.2                         | MCL                              | ND                       | ND          | ND                       | ND              | ND                       | ND          |                          |             |                          |                 |             |
|                                   | Bis(2-ethylhexyl)phthalate            | 6                           | MCL                              | ND                       | ND          | ND                       | ND              | ND                       | ND          |                          |             |                          |                 |             |
| Volatile Organic Compounds (ppb)  | Naphthalene                           | 17                          | EAL                              | ND                       | ND          | ND                       | ND              | ND                       | ND          |                          |             |                          |                 |             |
|                                   | 1,1,1-Trichloroethane                 | --                          | --                               | ND                       | ND          | ND                       | ND              | ND                       | ND          |                          |             |                          |                 |             |

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| Method Group                     | Analyte                    | DOH Project Screening Level | Basis of Project Screening Level | Location ID: C3-BLDG009A            |                         | C3-BLDG044A                               | C3-BLDG067A                            | C3-BLDG155A                     | C3-BLDG2193                                |                       |
|----------------------------------|----------------------------|-----------------------------|----------------------------------|-------------------------------------|-------------------------|---|--|---------------------------------|--|-----------------------|
|                                  |                            |                             |                                  | Location Type: Non-Residence        |                         | Non-Residence                             | Non-Residence                          | Non-Residence                   | Non-Residence                              |                       |
|                                  |                            |                             |                                  | Address: Building 9A,NUCLEAR REPAIR |                         | Building 44A,SHIP REPAIR PROJECT TEAM FAC | Building 67A,INSIDE MACHINE SHOP (X31) | Building 155A,SHIPFITTERS (X11) | Building 2193,PRODUCTION SUPPORT BLDG WEST |                       |
|                                  |                            |                             |                                  | Field Sample ID:                    | C3-TW-0014925-22167-3-N | C3-TW-0014925-22167-N                     | C3-TW-0014956-22167-N                  | C3-TW-0014959-22167-N           | C3-TW-0014988-22167-N                      | C3-TW-0015000-22167-N |
|                                  |                            |                             |                                  | Sample Date:                        | 2022-09-22              | 2022-09-22                                | 2022-09-22                             | 2022-09-22                      | 2022-09-22                                 | 2022-09-22            |
|                                  |                            |                             |                                  | Sample Type:                        | FD (Field Duplicate)    | 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   |                       |
|                                  | 1,1-Dichloroethene         | 7                           | MCL                              | ND                                  | ND                      | ND  | ND                                     | ND                              | ND   |                       |
|                                  | 1,2,4-Trichlorobenzene     | 70                          | MCL                              | ND                                  | ND                      | ND  | ND                                     | ND                              | ND   |                       |
|                                  | 1,2-Dichlorobenzene        | 600                         | MCL                              | ND                                  | ND                      | ND  | ND                                     | ND                              | ND   |                       |
|                                  | 1,2-Dichloroethane         | 5                           | MCL                              | ND                                  | ND                      | ND  | ND                                     | ND                              | ND   |                       |
|                                  | 1,2-Dichloroethene (Total) | 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                              | 0.350                                      |                       |
|                                  | 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                                     | 0.350                           |  |                       |

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|------------------------|------------------------|-----------------------------|----------------------------------|--|--|--|--|--|---|
|                        |                        |                             |                                  | Location Type: Non-Residence             | Address: Building 9A,NUCLEAR REPAIR    | Location Type: Non-Residence           | Address: Building 44A,SHIP REPAIR PROJECT TEAM FAC | Location Type: Non-Residence           | Address: Building 67A,INSIDE MACHINE SHOP (X31) |
|                        |                        |                             |                                  | Field Sample ID: C3-TW-0014925-22167-3-N | Field Sample ID: C3-TW-0014925-22167-N | Field Sample ID: C3-TW-0014956-22167-N | Field Sample ID: C3-TW-0014959-22167-N             | Field Sample ID: C3-TW-0014988-22167-N | Field Sample ID: C3-TW-0015000-22167-N          |
|                        |                        |                             |                                  | Sample Date: 2022-09-22                  | Sample Date: 2022-09-22                | Sample Date: 2022-09-22                | Sample Date: 2022-09-22                            | Sample Date: 2022-09-22                | Sample Date: 2022-09-22                         |
|                        |                        |                             |                                  | Sample Type: FD (Field Duplicate)        | Sample Type: N (Normal)                | Sample Type: N (Normal)                | Sample Type: N (Normal)                            | Sample Type: N (Normal)                | Sample Type: N (Normal)                         |
| 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                                     | 1.60  |
|                        | Dichloroacetic acid    | --                          | --                               | ND                                       | ND                                     | ND                                     | ND   | ND                                     | ND  |
|                        | Trichloroacetic acid   | --                          | --                               | ND                                       | ND                                     | ND                                     | ND   | ND                                     | ND  |
|                        | Total Haloacetic acids | 60                          | MCL                              | ND                                       | ND                                     | ND                                     | ND   | ND                                     | 1.60  |
| Trihalomethanes (ppb)  | Bromodichloromethane   | --                          | --                               | ND                                       | ND                                     | ND                                     | 0.310  | ND                                     | 0.640   |
|                        | Bromoform              | --                          | --                               | 0.930                                    | 0.910                                  | 1.50                                   | 1.40   | ND                                     | 4.10  |
|                        | Chloroform             | --                          | --                               | ND                                       | ND                                     | ND                                     | ND   | ND                                     | ND  |
|                        | Dibromochloromethane   | --                          | --                               | 0.470                                    | 0.440                                  | 0.630                                  | 0.860  | ND                                     | 1.90  |
|                        | Total Trihalomethanes  | 80                          | MCL                              | 1.40                                     | 1.35                                   | 2.13                                   | 2.57   | ND                                     | 6.64  |