JULY 15 DATA UPDATE: Samples were collected immediately after the spill upstream as a control (point of reference) location (W-016) and downstream of the boom containment area (W-003). Based on the results, two additional booms were installed upstream of W-003 and upstream of W-002s. In addition, samples were collected within the boom containment area and as anticipated with a diesel spill, the values of Total Petroleum Hydrocarbons-Diesel remain above the water quality habitat goals of 640 micrograms per liter in two locations. Sampling results have been provided to the City as the VA receives them and results will continue to be released publicly online.



Matadero Creek Sampling Sites @ VA Hospital Diesel Spill Site



Table 1 (Updated July 15, 2021): Summary of Water Quality Samples within the boom containment area for total petroleum hydrocarbons, total petroleum hydrocarbons-diesel (with silica gel cleanup), and BTEX (benzene, toluene, ethylbenzene and xylenes).

| Sample ID | Sample Location | Sample Date | Total Petroluem Hydrocarbons- Diesel | Total Petroluem Hydrocarbons-Diesel (with Silica Gel Cleanup)* | BTEX (benzene, toluene, ethylbenzene and xylenes) | | | | |
|------------------|---|-------------|---|---|--|--|--|--|--|
| | | | (all results reported in micrograms per liter [μg/L]) | | | | | | |
| VA-Creek Outfall | under pipe outfall (near W-014) | 05/07/21 | 65 | | ND | | | | |
| VA-A Creek | | 05/07/21 | ND | | ND | | | | |
| VA-A-1 | upstream of release, past W-016 | 05/08/21 | ND | | ND | | | | |
| VA-A-2 | | 05/09/21 | ND | | ND | | | | |
| VA-B Creek | | 05/07/21 | 310 | | Xylenes - 2.0 | | | | |
| VA-B-1 | downstream of bridge, past W-001 | 05/08/21 | 320 | | ND | | | | |
| VA-B-2 | | 05/09/21 | 130 | | ND | | | | |
| | | 05/10/21 | 210 | | ND | | | | |
| | | 06/01/21 | ND | | ND | | | | |
| | | 06/04/21 | ND | | ND | | | | |
| | | 06/10/21 | 51 | | ND | | | | |
| | | 06/13/21 | ND | | ND | | | | |
| W-001 | downstream of bridge | 06/16/21 | 100 | | ND | | | | |
| | | 06/19/21 | 58 | | ND | | | | |
| | | 06/22/21 | ND | | ND | | | | |
| | | 06/25/21 | 38 | | | | | | |
| | | 07/07/21 | ND | | PENDING | | | | |
| | | 05/10/21 | 110 | | ND | | | | |
| | | 06/02/21 | ND | | ND | | | | |
| | | 06/05/21 | 45 | | ND | | | | |
| | | 06/08/21 | 52 | | ND | | | | |
| W-002 | along bridge, downstream side | 06/11/21 | ND | | ND | | | | |
| | | 06/14/21 | ND | | ND | | | | |
| | | 06/17/21 | 83 | | ND | | | | |
| | | 06/23/21 | 45 | | ND | | | | |
| | | 06/28/21 | 47 | | | | | | |
| W-003 | approximately 10 feet downstream of last boom | 05/10/21 | 140 | | ND | | | | |

| | | 05/18/21 | 47 | | ND |
|-------|---|----------|--------|--------|---------|
| | | 05/19/21 | 83 | | ND |
| | | 05/21/21 | 1,100 | | ND |
| | | 05/22/21 | 55 | | ND |
| | | 05/23/21 | 39 | | ND |
| | | 05/24/21 | 1,500 | | ND |
| | | 05/25/21 | 48 | | ND |
| | | 05/26/21 | ND | | ND |
| | | 05/28/21 | 160 | | ND |
| | | 05/29/21 | 43 | | ND |
| | | 06/03/21 | ND | | ND |
| | | 06/06/21 | ND | | ND |
| | | 06/09/21 | 120 | | ND |
| | | 06/12/21 | ND | | ND |
| | | 06/15/21 | 49 | | ND |
| | | 06/18/21 | 81 | | ND |
| | | 06/30/21 | ND | | |
| | | 05/10/21 | 2,600 | | ND |
| | | 05/19/21 | 2,700 | | ND |
| | | 05/23/21 | 920 | | ND |
| | | 05/26/21 | 2,400 | | ND |
| | | 05/29/21 | 480 | | ND |
| | | 06/02/21 | 55 | | ND |
| W-004 | between 3rd and 4th boom going upstream | 06/05/21 | 99 | | ND |
| | | 06/09/21 | 63 | | ND |
| | | 06/13/21 | 67 | | ND |
| | | 06/16/21 | 4,800 | 6,000 | ND |
| | | 06/19/21 | 12,000 | 10,000 | ND |
| | | 06/25/21 | 2,000 | 1,600 | ND |
| | | 07/07/21 | 200 | | PENDING |
| | | 05/10/21 | 2,900 | | ND |
| | | 05/24/21 | 860 | | ND |
| W-005 | | 06/04/21 | 570 | | ND |
| | between 5th and 6th boom going upstream | 06/08/21 | 140 | | ND |
| | | 06/10/21 | 92 | | ND |
| | | 06/12/21 | 39 | | ND |

| | | 06/13/21 | 66 | | ND |
|-------|--|----------|--------|---------|---------|
| | | 06/15/21 | 59 | | ND |
| | | 06/18/21 | 150 | | ND |
| | | 06/22/21 | 200 | | ND |
| | | 06/25/21 | 230 | | |
| | | 06/30/21 | 68 | | |
| | | 05/10/21 | 5,200 | | ND |
| | | 05/21/21 | 3,200 | | ND |
| | | 05/26/21 | 7,700 | | ND |
| | | 06/03/21 | 5,700 | 4,800 | ND |
| | | 06/09/21 | 16,000 | 3,500 | ND |
| | | 06/11/21 | 410 | | ND |
| W-006 | between 6th and 7th boom going upstream | 06/14/21 | 1,500 | 1,400 | ND |
| | | 06/16/21 | 660 | | ND |
| | | 06/17/21 | 1,000 | | ND |
| | | 06/19/21 | 340 | | ND |
| | | 06/23/21 | 3,200 | PENDING | ND |
| | 06/28/21 | 4,000 | 3,600 | | |
| | | 07/07/21 | 2,600 | PENDING | PENDING |
| | 05/10/21 | 190,000 | | ND | |
| | | 05/18/21 | 6,500 | | ND |
| | | 05/28/21 | 2,700 | | ND |
| | | 06/01/21 | 1,800 | | ND |
| | | 06/06/21 | 6,500 | 7,900 | ND |
| | | 06/10/21 | 15,000 | 13,000 | ND |
| | | 06/11/21 | 57 | | ND |
| M 007 | haturaan 7th and Oth haars gaing unaturaan | 06/13/21 | 74 | | ND |
| W-007 | between 7th and 8th boom going upstream | 06/15/21 | 5,700 | PENDING | ND |
| | | 06/17/21 | 8,400 | 8,500 | ND |
| | | 06/19/21 | 47* | | ND |
| | | 06/22/21 | 8,000 | 7,600 | ND |
| | | 06/23/21 | 11,000 | PENDING | ND |
| | | 06/25/21 | 8,800 | 7,700 | |
| | | 06/30/21 | 6,600 | PENDING | |
| | | 07/07/21 | 2,800 | PENDING | PENDING |
| W-008 | in shallow divided part of creek | 05/10/21 | 2,400 | | ND |

| | | 05/22/21 | 1,500 | ND |
|---------------------------------|--------------------------------------|----------|--------|-------------|
| | | 05/25/21 | ND | ND |
| | | 06/04/21 | 63 | ND |
| | | 06/08/21 | 180 | ND |
| | | 06/09/21 | 53 | ND |
| | | 06/12/21 | 55 | ND |
| | | 06/14/21 | 82 | ND |
| | | 06/16/21 | ND | ND |
| | | 06/18/21 | 470 | ND |
| | | 06/28/21 | 74 | |
| | | 07/07/21 | ND | PENDING |
| | | 05/10/21 | 120 | ND |
| | | 05/18/21 | ND | ND |
| | | 05/23/21 | 1,100 | ND |
| | | 05/28/21 | 150 | ND |
| | | 06/01/21 | ND | ND |
| | | 06/05/21 | 180 | ND |
| W-009 downstream of foot bridge | 06/06/21 | 500 | ND | |
| | 06/10/21 | 160 | ND | |
| | | 06/13/21 | 41 | ND |
| | | 06/17/21 | ND | ND |
| | | 06/22/21 | ND | ND |
| | | 06/25/21 | 95 | |
| | | 06/30/21 | ND | |
| | | 05/10/21 | 84 | ND |
| | | 05/21/21 | 45 | ND |
| | | 05/24/21 | 190 | ND |
| W-010 | just unstroam of foot bridge | 06/03/21 | ND | ND |
| AA-010 | just upstream of foot bridge | 06/11/21 | ND | ND |
| | | 06/17/21 | 130 | ND |
| | | 06/23/21 | ND | ND |
| | | 06/28/21 | ND | |
| | | 05/10/21 | 100 | ND |
| VA/ 044 | hahusan faat huidee eed eedfell ee | 05/19/21 | 63 | ND |
| W-011 | between foot bridge and outfall pipe | 05/22/21 | 46 | ND |
| | | 03/22/21 | 1 | 115 |

| | | 05/25/21 | 1,500 | | ND |
|-------|--------------------------------------|----------|--------|----|---------|
| | | 05/29/21 | 670 | | ND |
| | | 06/02/21 | 96 | | ND |
| | | 06/05/21 | ND | | ND |
| | | 06/08/21 | 89 | | ND |
| | | 06/12/21 | 71 | | ND |
| | | 06/15/21 | 890 | | ND |
| | | 06/30/21 | 84 | | ND |
| | | 05/11/21 | 3,400 | | ND |
| | | 05/18/21 | 560 | | ND |
| | | 05/26/21 | ND | | ND |
| | | 06/01/21 | ND | | ND |
| W-012 | between foot bridge and outfall pipe | 06/09/21 | 270 | | ND |
| | | 06/14/21 | 410 | | ND |
| | | 06/18/21 | 210 | | ND |
| | | 06/28/21 | 520 | | |
| | | 05/11/21 | 2,400 | | ND |
| | | 05/21/21 | 970 | | ND |
| | | 05/24/21 | 150 | | ND |
| | 06/03/21 | 71 | 57 | ND | |
| W-013 | between foot bridge and outfall pipe | 06/11/21 | 84 | | ND |
| | | 06/15/21 | 72 | | ND |
| | | 06/19/21 | 130 | | ND |
| | | 06/23/21 | ND | | ND |
| | | 05/11/21 | ND | | ND |
| | | 05/19/21 | ND | | ND |
| | | 05/28/21 | ND | | ND |
| | | 05/29/21 | ND | | ND |
| | | 06/02/21 | ND | | ND |
| W-014 | by outfall pipe | 06/06/21 | ND | | ND |
| | | 06/10/21 | 42 | | ND |
| | | 06/12/21 | ND | | ND |
| | | 06/16/21 | 45 | | ND |
| | | 06/22/21 | 120 | | ND |
| | | 07/07/21 | ND | | PENDING |
| W-015 | upstream of outfall pipe | 05/11/21 | 36,000 | | ND |

| | 1 | 1 1 | | 1 |] |
|-------|----------------------------|----------|-----|---|-----|
| | | 05/22/21 | 150 | | ND |
| | | 05/25/21 | 38 | | ND |
| | | 06/04/21 | ND | | ND |
| | | 06/08/21 | ND | | ND |
| | | 06/14/21 | 49 | | ND |
| | | 06/18/21 | ND | | ND |
| | | 06/28/21 | 190 | | |
| | | 05/11/21 | ND | | ND |
| | | 05/18/21 | ND | | ND |
| | | 05/19/21 | ND | | ND |
| | | 05/21/21 | 39 | | ND |
| | | 05/22/21 | ND | | ND |
| | | 05/23/21 | ND | | ND |
| | | 05/24/21 | ND | | ND |
| | | 05/25/21 | ND | | ND |
| | | 05/26/21 | ND | | ND |
| | | 05/28/21 | ND | | ND |
| | | 05/29/21 | ND | | ND |
| | | 06/01/21 | ND | | ND |
| | | 06/02/21 | ND | | ND |
| W-016 | between two upstream booms | 06/03/21 | ND | | ND |
| | | 06/04/21 | ND | | ND |
| | | 06/05/21 | 93 | | ND |
| | | 06/06/21 | ND | | ND |
| | | 06/08/21 | ND | | ND |
| | | 06/09/21 | ND | | ND |
| | | 06/10/21 | ND | | ND |
| | | 06/11/21 | ND | | ND |
| | | 06/12/21 | ND | | ND |
| | | 06/13/21 | 70 | | ND |
| | | 06/14/21 | ND | | ND |
| | | 06/15/21 | ND | | ND |
| | | 06/16/21 | ND | | ND |
| | | | | | ND |
| | | 06/17/21 | ND | | טאו |

| | 06/18/21 | ND | | ND |
|---|---|-----|-----|----------|
| | 06/19/21 | ND | | ND |
| | 06/22/21 | ND | | ND |
| | 06/23/21 | ND | | ND |
| | 06/25/21 | ND | | |
| | 6/30/2021 | ND | | |
| San Francisco RWQCB Water Habitat Goals (Freshwater - Table GW- Screening Levels | -2 Aquatic Habitat), 2019, Revision 2 | 640 | 640 | 46 - 290 |

NL= No Limit; ND = Non Detect; *sample analytical results are still DRAFT from laboratory pending QA/QC

Table 2 (Updated July 15, 2021): Summary of Water Quality Samples collected for Polycyclic Aromatic Hydrocarbons (PAHs)

| | | | | | | | Р | olycyclic A | romatic Hy | drocarbon | s (PAHs) | | | | | |
|---------------------|----------------------------------|-------------|------------|----------------|--------------------------|--------------------------|----------------------------|--------------|-------------|-----------------------------|--------------------------|--------------------------|-------------|--------------|--------|------------|
| Sample ID | Sample Location | Sample Date | Anthracene | Benzo(a)pyrene | Benzo(g,h,i) perylene | Benzo(k) fluoranthene | Dibenzo(a,h) anthracene | Flouranthene | Fluorene | Indeno (1,2,3-cd) pyrene | 1-Methyl- naphthalene | 2-Methyl- naphthalene | Naphthalene | Phenanthrene | Pyrene | Other PAHs |
| | | | | | | | (all re | sults repor | ted in micr | ograms pe | r liter [μg/l | L]) | | | | |
| VA-Creek Outfall | under pipe outfall (near W-014) | 05/07/21 | ND | ND | ND | ND | ND | ND | ND | ND | 0.083 | 0.16 | 0.13 | ND | ND | ND |
| VA-A Creek | | 05/07/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| VA-A-1 | upstream of release, past W-016 | 05/08/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| VA-A-2 | | 05/09/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| VA-B Creek | | 05/07/21 | ND | ND | ND | ND | ND | ND | 0.058 | ND | 0.59 | 1.1 | 0.66 | ND | ND | ND |
| VA-B-1 | downstream of bridge, past W-001 | 05/08/21 | ND | ND | ND | ND | ND | ND | ND | ND | 0.10 | 0.19 | ND | ND | ND | ND |
| VA-B-2 | | 05/09/21 | ND | ND | ND | ND | ND | ND | ND | ND | 0.064 | ND | ND | ND | ND | ND |
| | | 05/10/21 | ND | ND | ND | ND | ND | ND | 0.018 | ND | 0.15 | 0.26 | 0.12 | ND | ND | ND |
| | | 06/01/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/04/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| W-001 | downstream of bridge | 06/10/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/13/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/16/21 | ND | 3.5 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/19/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

^{**}Fish and Wildlife suggested in our earlier meeting that these high values may be coming from the degradation of natural organic matters in the creek and suggested doing the silica gel cleanup. However results from sample with the silica gel cleanup showed that the TPH concentration remains high after treatment, suggesting that there are high concentrations of diesel TPH in the creek water.

| | | 06/22/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
|--------|---|----------|----|-------|-------|-------|-------|-------|----|-------|-------|------|----|----|----|----|
| | | 07/07/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 05/10/21 | ND | ND | ND | ND | ND | ND | ND | ND | 0.083 | 0.14 | ND | ND | ND | ND |
| | | 06/02/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/05/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| VV 000 | | 06/08/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| W-002 | along bridge, downstream side | 06/11/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/14/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/17/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/23/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 05/10/21 | ND | ND | ND | ND | ND | ND | ND | ND | 0.12 | 0.21 | ND | ND | ND | ND |
| | | 05/18/21 | ND | 0.017 | ND | 0.023 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 05/19/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 05/21/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 05/22/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 05/23/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 05/24/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 05/25/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| W-003 | approximately 10 feet downstream of last boom | 05/26/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 05/28/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 05/29/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/03/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/06/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/09/21 | ND | 0.016 | 0.045 | ND | 0.044 | ND | ND | 0.046 | ND | ND | ND | ND | ND | ND |
| | | 06/12/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/15/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/18/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 05/10/21 | ND | ND | ND | ND | ND | ND | ND | ND | 0.15 | 0.27 | ND | ND | ND | ND |
| | | 05/19/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 05/23/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| W-004 | between 3rd and 4th boom going upstream | 05/26/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 05/29/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/02/21 | ND | ND | ND | ND | ND | 0.077 | ND | 0.065 | ND | ND | ND | ND | ND | ND |
| | | 06/05/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

| | | 06/09/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
|---|---|----------|---------|----|----|----|----|----|----|----|------|------|----|------|------|----|
| | | 06/13/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/16/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/19/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 07/07/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 05/10/21 | ND | ND | ND | ND | ND | ND | ND | ND | 0.18 | 0.30 | ND | ND | ND | ND |
| | | 05/24/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/04/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/08/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| N. 005 | | 06/10/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| W-005 | between 5th and 6th boom going upstream | 06/12/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/13/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/15/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/18/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/22/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 05/10/21 | ND | ND | ND | ND | ND | ND | ND | ND | 0.14 | 0.25 | ND | ND | ND | ND |
| | | 05/21/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 05/26/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/03/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.14 | ND |
| | | 06/09/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| W-006 | between 6th and 7th boom going upstream | 06/11/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| *************************************** | between our and 7th boom going apstream | 06/14/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/16/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/17/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/19/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/23/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 07/07/21 | pending | | | | | | | | | | | | | |
| | | 05/10/21 | 0.15 | ND | 1.2 | 2.2 | ND | 0.84 | 0.39 | ND |
| | | 05/18/21 | ND | ND | ND | ND | ND | ND | ND | ND | 0.28 | 0.47 | ND | ND | 0.38 | ND |
| | | 05/28/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| W-007 | between 7th and 8th boom going upstream | 06/01/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/06/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/10/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/11/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

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|-------|--|----------|----|----|-----|----|-----|-----|-------|----|-------|-------|----|----|-------|----|
| | | 06/13/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/15/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/17/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/19/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/22/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.083 | ND |
| | | 06/23/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 07/07/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 05/10/21 | ND | ND | ND | ND | ND | ND | 0.036 | ND | 0.17 | 0.32 | ND | ND | 0.040 | ND |
| | | 05/22/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 05/25/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/04/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/08/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| W-008 | in shallow divided part of creek | 06/09/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/12/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/14/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/16/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/18/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 07/07/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 05/10/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 05/18/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 05/23/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 05/28/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/01/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| W-009 | downstream of foot bridge | 06/05/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/06/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/10/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/13/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/17/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/22/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 05/10/21 | ND | ND | ND | ND | ND | ND | ND | ND | 0.040 | 0.071 | ND | ND | ND | ND |
| | | 05/21/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| W-010 | just upstream of foot bridge | 05/24/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/03/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/11/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| i . | I and the second se | L | | 1 | i . | l | i . | i . | I . | ı | | | | 1 | | |

| I | | 1 | | T | T | <u> </u> | <u> </u> | 1 | <u> </u> | 1 | T | 1 | | 1 | | |
|-------|--------------------------------------|----------|----|----|----|----------|----------|----------|----------|----------|-------|----------|----|----------|-------|----|
| | | 06/17/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/23/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 05/10/21 | ND | ND | ND | ND | ND | ND | ND | ND | 0.028 | ND | ND | ND | ND | ND |
| | | 05/19/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 05/22/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 05/23/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 05/25/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| W-011 | between foot bridge and outfall pipe | 05/29/21 | ND | ND | ND | ND | ND | 0.21 | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/02/21 | ND | ND | ND | ND | ND | 0.19 | ND | 0.16 | ND | ND | ND | ND | ND | ND |
| | | 06/05/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/08/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/12/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/15/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 05/11/21 | ND | ND | ND | ND | ND | ND | ND | ND | 0.028 | 0.041 | ND | ND | 0.045 | ND |
| | | 05/18/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 05/26/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| W-012 | between foot bridge and outfall pipe | 06/01/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/09/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/14/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/18/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 05/11/21 | ND | ND | ND | ND | ND | ND | ND | ND | 0.013 | 0.023 | ND | ND | ND | ND |
| | | 05/21/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 05/24/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/03/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| W-013 | between foot bridge and outfall pipe | 06/11/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/15/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/19/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/23/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 05/11/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 05/19/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 05/28/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| W-014 | by outfall pipe | 05/29/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/02/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/06/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
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| | | 06/10/21 | ND | ND | ND | ND | ND | ND |
|-------|----------------------------|----------|----|----|----|----|----|----|----|----|-------|------|------|----|----|----|
| | | 06/12/21 | ND | ND | ND | ND | ND | ND |
| | | 06/16/21 | ND | ND | ND | ND | ND | ND |
| | | 06/22/21 | ND | ND | ND | ND | ND | ND |
| | | 07/07/21 | ND | ND | ND | ND | ND | ND |
| W-015 | upstream of outfall pipe | 05/11/21 | ND | 0.44 | 0.83 | ND | ND | ND | ND |
| | | 05/22/21 | ND | ND | ND | ND | ND | ND |
| | | 05/25/21 | ND | ND | ND | ND | ND | ND |
| | | 06/04/21 | ND | ND | ND | ND | ND | ND |
| | | 06/08/21 | ND | ND | ND | ND | ND | ND |
| | | 06/14/21 | ND | ND | ND | ND | ND | ND |
| | | 06/18/21 | ND | ND | ND | ND | ND | ND |
| W-016 | between two upstream booms | 05/11/21 | ND | ND | ND | ND | ND | ND |
| | | 05/18/21 | ND | ND | ND | ND | ND | ND |
| | | 05/19/21 | ND | ND | ND | ND | ND | ND |
| | | 05/21/21 | ND | ND | ND | ND | ND | ND |
| | | 05/22/21 | ND | ND | ND | ND | ND | ND |
| | | 05/23/21 | ND | ND | ND | ND | ND | ND |
| | | 05/24/21 | ND | ND | ND | ND | ND | ND |
| | | 05/25/21 | ND | ND | ND | ND | ND | ND |
| | | 05/26/21 | ND | ND | ND | ND | ND | ND |
| | | 05/28/21 | ND | 0.099 | 0.33 | 0.26 | ND | ND | ND |
| | | 05/29/21 | ND | ND | ND | ND | ND | ND |
| | | 06/01/21 | ND | ND | ND | ND | ND | ND |
| | | 06/02/21 | ND | ND | ND | ND | ND | ND |
| | | 06/03/21 | ND | ND | ND | ND | ND | ND |
| | | 06/04/21 | ND | ND | ND | ND | ND | ND |
| | | 06/05/21 | ND | ND | ND | ND | ND | ND |
| | | 06/06/21 | ND | ND | ND | ND | ND | ND |
| | | 06/08/21 | ND | ND | ND | ND | ND | ND |
| | | 06/09/21 | ND | ND | ND | ND | ND | ND |
| | | 06/10/21 | ND | ND | ND | ND | ND | ND |
| | | 06/11/21 | ND | ND | ND | ND | ND | ND |
| | | 06/12/21 | ND | ND | ND | ND | ND | ND |

| ш | 1 | | | | | | | | | | | | | | | |
|---|---|----------|-------|------|----|-------|-----|-----|-------|----|-----|------|-----|-----|---------|----|
| | | 06/13/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/14/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/15/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/16/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/17/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/18/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/19/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/22/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | 06/23/21 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| San Francisco RWQCB Water Habitat Goals (Freshwater - Table GW-2 Aquatic Habitat Screening Levels), 2019, Revision 2 | | 0.73 | 0.014 | 0.10 | NL | 0.025 | 8.0 | 3.9 | 0.049 | NL | 2.1 | 0.24 | 6.3 | 2.0 | Various | |

NL= No Limit; ND = Non Detect; *sample analytical results are still DRAFT from laboratory pending QA/QC