Laboratory ProjectNumber Project CLP_CaseNo R4DART_SiteCode R4DART_SiteName LabSampleNumber SampleName Station CLP_MDNo CLP_DNo LabMatrix ClientMatrix DateSampled DateReceived GeneralMethod AnalysisDescription Prepared Analyzed Method Dissolved_Analysis TIC CASNumber Analyte Result Qualifiers PrimaryQualifiers Units MRL

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021 10:40:00 AM 04/29/2021 12:20:00 PM Classical/Nutrient Analyses Ammonia as N 05/03/2021 05/03/2021 EPA 350.1 7664-41-7 Ammonia as N 0.050 U U mg/L 0.050

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021 10:40:00 AM 04/29/2021 12:20:00 PM Classical/Nutrient Analyses Ammonia/TKN 05/03/2021 05/04/2021 EPA 351.2 E17148461 Total Kjeldahl Nitrogen 0.21 mg/L 0.050

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021 10:40:00 AM 04/29/2021 12:20:00 PM Classical/Nutrient Analyses Classical/Nutrients 05/04/2021 05/05/2021 EPA 300.0 16887-00-6 Chloride 20000 mg/L 2.5

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021 10:40:00 AM 04/29/2021 12:20:00 PM Classical/Nutrient Analyses Classical/Nutrients 05/05/2021 05/05/2021 EPA 300.0 16984-48-8 Fluoride 0.70 U,D-4 U,O mg/L 0.70

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021 10:40:00 AM 04/29/2021 12:20:00 PM Classical/Nutrient Analyses Classical/Nutrients 05/04/2021 05/05/2021 EPA 300.0 14808-79-8 Sulfate as SO4 2700 mg/L 2.5

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021 10:40:00 AM 04/29/2021 12:20:00 PM Classical/Nutrient Analyses Nitrate and/or Nitrite 05/04/2021 05/04/2021 EPA 353.2 E701177 Nitrate/Nitrite as N 0.013 U,B-4 U,O mg/L 0.013

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021 10:40:00 AM 04/29/2021 12:20:00 PM Classical/Nutrient Analyses Phosphorous 04/29/2021 04/29/2021 EPA 365.1 14265-44-2 Orthophosphate as P 0.054 mg/L 0.010

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021 10:40:00 AM 04/29/2021 12:20:00 PM Classical/Nutrient Analyses Phosphorous 05/04/2021 05/05/2021 EPA 365.1 7723-14-0 Total Phosphorus 0.068 mg/L 0.010

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021 10:40:00 AM 04/29/2021 12:20:00 PM Classical/Nutrient Analyses Solids 04/30/2021 04/30/2021 USGS I-3765-85 E1642818 Total Suspended Solids 120 mg/L 5.0

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021 10:40:00 AM 04/29/2021 12:20:00 PM Physical Properties Turbidity of Preserved Metals Samples 04/29/2021 04/29/2021 EPA 180.1 E1640507 Turbidity 1.5 NTU 1.0

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021 10:40:00 AM 04/29/2021 12:20:00 PM Total Metals Total Metals 05/03/2021 05/04/2021 EPA 200.8 7429-90-5 Aluminum 19 J,Q-2 J,O ug/L

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR
E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021
10:40:00 AM 04/29/2021 12:20:00 PM Total Metals Total Metals 05/03/2021
05/04/2021 EPA 200.8 7440-36-0 Antimony 2.0 U,J,QI-1 U,J,O
ug/L 2.0

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR
E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021
10:40:00 AM 04/29/2021 12:20:00 PM Total Metals Total Metals 05/03/2021
05/04/2021 EPA 200.8 7440-38-2 Arsenic 3.8 J,QI-1 J,O ug/L
2.0

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR
E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021
10:40:00 AM 04/29/2021 12:20:00 PM Total Metals Total Metals 05/03/2021
05/04/2021 EPA 200.8 7440-41-7 Beryllium 1.0 U,J,QI-1 U,J,O
ug/L 1.0

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR
E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021
10:40:00 AM 04/29/2021 12:20:00 PM Total Metals Total Metals 05/03/2021
05/04/2021 EPA 200.7 7440-42-8 Boron 4000 J,QM-2 J,O ug/L
1200

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR
E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021
10:40:00 AM 04/29/2021 12:20:00 PM Total Metals Total Metals 05/03/2021
05/04/2021 EPA 200.8 7440-43-9 Cadmium 1.0 U,J,QI-1 U,J,O
ug/L 1.0

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR
E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021
10:40:00 AM 04/29/2021 12:20:00 PM Total Metals Total Metals 05/03/2021
05/04/2021 EPA 200.7 7440-70-2 Calcium 370000 ug/L
6200

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR
E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021
10:40:00 AM 04/29/2021 12:20:00 PM Total Metals Total Metals 05/03/2021
05/04/2021 EPA 200.8 7440-47-3 Chromium 4.1 J,B-2,Q-2 J,O
ug/L 4.4

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR
E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021
10:40:00 AM 04/29/2021 12:20:00 PM Total Metals Total Metals 05/03/2021
05/04/2021 EPA 200.8 7440-48-4 Cobalt 2.0 U,J,QI-1 U,J,O
ug/L 2.0

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR
E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021
10:40:00 AM 04/29/2021 12:20:00 PM Total Metals Total Metals 05/03/2021
05/04/2021 EPA 200.8 7440-50-8 Copper 1.6 J,Q-2,QI-1 J,O
ug/L 2.0

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR
E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021
10:40:00 AM 04/29/2021 12:20:00 PM Total Metals Total Metals 05/03/2021
05/04/2021 EPA 200.7 7439-89-6 Iron 2500 U U ug/L 2500

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR
E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021
10:40:00 AM 04/29/2021 12:20:00 PM Total Metals Total Metals 05/03/2021
05/04/2021 EPA 200.8 7439-92-1 Lead 2.0 U U ug/L 2.0

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR
E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021
10:40:00 AM 04/29/2021 12:20:00 PM Total Metals Total Metals 05/03/2021
05/04/2021 EPA 200.7 7439-95-4 Magnesium 1200000 ug/L

6200

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR
E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021
10:40:00 AM 04/29/2021 12:20:00 PM Total Metals Total Metals 05/03/2021
05/04/2021 EPA 200.7 7439-96-5 Manganese 120 U U ug/L
120

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR
E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021
10:40:00 AM 04/29/2021 12:20:00 PM Total Metals Total Metals 05/03/2021
05/04/2021 EPA 200.8 7439-98-7 Molybdenum 9.7 ug/L
5.0

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR
E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021
10:40:00 AM 04/29/2021 12:20:00 PM Total Metals Total Metals 05/03/2021
05/04/2021 EPA 200.8 7440-02-0 Nickel 2.0 U,J,QI-1 U,J,O
ug/L 2.0

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR
E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021
10:40:00 AM 04/29/2021 12:20:00 PM Total Metals Total Metals 05/03/2021
05/04/2021 EPA 200.7 7440-09-7 Potassium 350000 ug/L
25000

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR
E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021
10:40:00 AM 04/29/2021 12:20:00 PM Total Metals Total Metals 05/03/2021
05/04/2021 EPA 200.8 7782-49-2 Selenium 15 ug/L 10

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR
E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021
10:40:00 AM 04/29/2021 12:20:00 PM Total Metals Total Metals 05/03/2021
05/04/2021 EPA 200.8 7440-22-4 Silver 1.0 U,J,QI-1 U,J,O
ug/L 1.0

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR
E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021
10:40:00 AM 04/29/2021 12:20:00 PM Total Metals Total Metals 05/03/2021
05/04/2021 EPA 200.7 7440-23-5 Sodium 9400000 ug/L
25000

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR
E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021
10:40:00 AM 04/29/2021 12:20:00 PM Total Metals Total Metals 05/03/2021
05/04/2021 EPA 200.7 7440-24-6 Strontium 6700 ug/L
120

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR
E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021
10:40:00 AM 04/29/2021 12:20:00 PM Total Metals Total Metals 05/03/2021
05/04/2021 EPA 200.8 7440-28-0 Thallium 2.0 U U ug/L
2.0

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR
E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021
10:40:00 AM 04/29/2021 12:20:00 PM Total Metals Total Metals 05/03/2021
05/04/2021 EPA 200.7 7440-31-5 Tin 55 J,Q-2,QC-1,QM-1 J,O
ug/L 380

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR
E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021
10:40:00 AM 04/29/2021 12:20:00 PM Total Metals Total Metals 05/03/2021
05/04/2021 EPA 200.7 7440-32-6 Titanium 120 U U ug/L
120

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR
E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021
10:40:00 AM 04/29/2021 12:20:00 PM Total Metals Total Metals 05/03/2021

05/04/2021 EPA 200.8 7440-61-1 Uranium 2.9 ug/L 2.0

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR
E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021
10:40:00 AM 04/29/2021 12:20:00 PM Total Metals Total Metals 05/03/2021
05/04/2021 EPA 200.7 7440-62-2 Vanadium 120 U,J,QM-3,QR-1
U,J,O ug/L 120

US-EPA, Region 4, LSASD 21-0221 Piney Point - Phase 2 - FWELLBOR
E211807-01 Piney 5 PINEY 5 Water Saline Water 04/28/2021
10:40:00 AM 04/29/2021 12:20:00 PM Total Metals Total Metals 05/03/2021
05/04/2021 EPA 200.7 7440-66-6 Zinc 250 U,J,QM-1 U,J,O
ug/L 250