Groundwater Sample Results, Electronic Data Deliverable, and the Sample Location Report, SDG 1803428<br>Naval Weapons Industrial Reserve Plant Calverton<br>Riverhead, New York<br>August 2019

"CAL-IDW-20181025","Modified EPA 537","Initial","1803428-01","Vista","375-73-
5","PFBS","4.42","ng/L","U","3.04","LOD","","TRG","","","8.87","LOQ","YES","-99","","0.113","0.001","4.42","" "CAL-IDW-20181025","Modified EPA 537","Initial","1803428-01","Vista","307-24-4","PFHxA","12.5","ng/L","","3.04","LOD","","TRG","","","8.87","LOQ","YES","-99","","0.113","0.001","4.42","" "CAL-IDW-20181025","Modified EPA 537","Initial","1803428-01","Vista","375-85-9","PFHpA","40.0","ng/L","","3.04","LOD","","TRG","","","8.87","LOQ","YES","-99","","0.113","0.001","4.42","" "CAL-IDW-20181025","Modified EPA 537","Initial","1803428-01","Vista","355-46-4","PFHxS","4.42","ng/L","U","3.04","LOD","","TRG","","","8.87","LOQ","YES","-99","","0.113","0.001","4.42","" "CAL-IDW-20181025","Modified EPA 537","Initial","1803428-01","Vista","335-67-1","PFOA","44.0","ng/L","","3.04","LOD","","TRG","","","8.87","LOQ","YES","-99","","0.113","0.001","4.42","" "CAL-IDW-20181025","Modified EPA 537","Initial","1803428-01","Vista","375-95-1","PFNA","657","ng/L","","3.04","LOD","","TRG","","","8.87","LOQ","YES","-99","","0.113","0.001","4.42","" "CAL-IDW-20181025","Modified EPA 537","Initial","1803428-01","Vista","1763-23-1","PFOS","8.16","ng/L","J","3.04","LOD","","TRG","","","8.87","LOQ","YES","-99","","0.113","0.001","4.42","" "CAL-IDW-20181025","Modified EPA 537","Initial","1803428-01","Vista","335-76-2","PFDA","13.7","ng/L","","3.04","LOD","","TRG","","","8.87","LOQ","YES","-99","","0.113","0.001","4.42","" "CAL-IDW-20181025","Modified EPA 537","Initial","1803428-01","Vista","2355-31-9","MeFOSAA","4.42","ng/L","U","3.04","LOD","","TRG","","","8.87","LOQ","YES","-99","","0.113","0.001","4.42" ""
"CAL-IDW-20181025","Modified EPA 537","Initial","1803428-01","Vista","2991-50-6","EtFOSAA","4.42","ng/L","U","3.04","LOD","","TRG","","","8.87","LOQ","YES","-99","","0.113","0.001","4.42", ""
"CAL-IDW-20181025","Modified EPA 537","Initial","1803428-01","Vista","2058-94-
8","PFUnA","274","ng/L","","3.04","LOD","","TRG","","","8.87","LOQ","YES","-99","","0.113","0.001","4.42",""
"CAL-IDW-20181025","Modified EPA 537","Initial","1803428-01","Vista","307-55-
1","PFDoA","4.42","ng/L","U","3.04","LOD","","TRG","","","8.87","LOQ","YES","-99","","0.113","0.001","4.42",""
"CAL-IDW-20181025","Modified EPA 537","Initial","1803428-01","Vista","72629-94-
8","PFTrDA","4.42","ng/L","U","3.04","LOD","","TRG","","","8.87","LOQ","YES","-99","","0.113","0.001","4.42",""
"CAL-IDW-20181025","Modified EPA 537","Initial","1803428-01","Vista","376-06-
7","PFTeDA","4.42","ng/L","U","3.04","LOD","","TRG","","","8.87","LOQ","YES","-99","","0.113","0.001","4.42",""
"CAL-IDW-20181025","Modified EPA 537","Initial","1803428-01","Vista","13C3-PFBS","13C3-
PFBS","95.4","\%R","","-99","NA","","IS","95.4","","-99","NA","YES","100","","0.113","0.001","-99",""
"CAL-IDW-20181025","Modified EPA 537","Initial","1803428-01","Vista","13C2-PFHxA","13C2-
PFHxA","87.9","\%R","","-99","NA","","IS","87.9","","-99","NA","YES","100","","0.113","0.001","-99",""
"CAL-IDW-20181025","Modified EPA 537","Initial","1803428-01","Vista","13C4-PFHpA","13C4-
PFHpA","88.1","\%R","","-99","NA","","IS","88.1","","-99","NA","YES","100","","0.113","0.001","-99",""
"CAL-IDW-20181025","Modified EPA 537","Initial","1803428-01","Vista","18O2-PFHxS","18O2-
PFHxS","93.8","\%R","","-99","NA","","IS","93.8","","-99","NA","YES","100","","0.113","0.001","-99",""
"CAL-IDW-20181025","Modified EPA 537","Initial","1803428-01","Vista","13C2-PFOA","13C2-
PFOA","85.1","\%R","","-99","NA","","IS","85.1","","-99","NA","YES","100","","0.113","0.001","-99",""
"CAL-IDW-20181025","Modified EPA 537","Initial","1803428-01","Vista","13C5-PFNA","13C5-
PFNA","80.4","\%R","","-99","NA","","IS","80.4","","-99","NA","YES","100","","0.113","0.001","-99",""
"CAL-IDW-20181025","Modified EPA 537","Initial","1803428-01","Vista","13C8-PFOS","13C8-
PFOS","88.3","\%R","","-99","NA","","IS","88.3","","-99","NA","YES","100","","0.113","0.001","-99",""
"CAL-IDW-20181025","Modified EPA 537","Initial","1803428-01","Vista","13C2-PFDA","13C2-
PFDA","78.2","\%R","","-99","NA","","IS","78.2","","-99","NA","YES","100","","0.113","0.001","-99",""
"CAL-IDW-20181025","Modified EPA 537","Initial","1803428-01","Vista","d3-MeFOSAA","d3-
MeFOSAA","86.0","\%R","","-99","NA","","IS","86.0","","-99","NA","YES","100","","0.113","0.001","-99",""
"CAL-IDW-20181025","Modified EPA 537","Initial","1803428-01","Vista","d5-EtFOSAA","d5-
EtFOSAA","90.1","\%R","","-99","NA","","IS","90.1","","-99","NA","YES","100","","0.113","0.001","-99",""
"CAL-IDW-20181025","Modified EPA 537","Initial","1803428-01","Vista","13C2-PFUnA","13C2-
PFUnA","77.1","\%R","","-99","NA","","IS","77.1","","-99","NA","YES","100","","0.113","0.001","-99",""
"CAL-IDW-20181025","Modified EPA 537","Initial","1803428-01","Vista","13C2-PFDoA","13C2-

PFDoA","78.4","\%R","","-99","NA","","IS","78.4","","-99","NA","YES","100","","0.113","0.001","-99","" "CAL-IDW-20181025","Modified EPA 537","Initial","1803428-01","Vista","13C2-PFTeDA","13C2-
PFTeDA","86.7","\%R","","-99","NA","","IS","86.7","","-99","NA","YES","100","","0.113","0.001","-99",""
"B8K0014-BLK1","Modified EPA 537","Initial","B8K0014-BLK1","Vista","375-73-
5","PFBS","4.00","ng/L","U","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","4.00",""
"B8K0014-BLK1","Modified EPA 537","Initial","B8K0014-BLK1","Vista","307-24-
4","PFHxA","4.00","ng/L","U","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","4.00","" "B8K0014-BLK1","Modified EPA 537","Initial","B8K0014-BLK1","Vista","375-85-
9","PFHpA","4.00","ng/L","U","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","4.00","" "B8K0014-BLK1","Modified EPA 537","Initial","B8K0014-BLK1","Vista","355-46-4","PFHxS","4.00","ng/L","U","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","4.00","" "B8K0014-BLK1","Modified EPA 537","Initial","B8K0014-BLK1","Vista","335-67-1","PFOA","4.00","ng/L","U","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","4.00","" "B8K0014-BLK1","Modified EPA 537","Initial","B8K0014-BLK1","Vista","375-95-1","PFNA","4.00","ng/L","U","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","4.00","" "B8K0014-BLK1","Modified EPA 537","Initial","B8K0014-BLK1","Vista","1763-23-1","PFOS","4.00","ng/L","U","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","4.00","" "B8K0014-BLK1","Modified EPA 537","Initial","B8K0014-BLK1","Vista","335-76-2","PFDA","4.00","ng/L","U","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","4.00","" "B8K0014-BLK1","Modified EPA 537","Initial","B8K0014-BLK1","Vista","2355-31-9","MeFOSAA","4.00","ng/L","U","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","4.00" ,
"B8K0014-BLK1","Modified EPA 537","Initial","B8K0014-BLK1","Vista","2991-50-
6","EtFOSAA","4.00","ng/L","U","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","4.00", ""
"B8K0014-BLK1","Modified EPA 537","Initial","B8K0014-BLK1","Vista","2058-94-
8","PFUnA","4.00","ng/L","U","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","4.00","" "B8K0014-BLK1","Modified EPA 537","Initial","B8K0014-BLK1","Vista","307-55-1","PFDoA","4.00","ng/L","U","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","4.00","" "B8K0014-BLK1","Modified EPA 537","Initial","B8K0014-BLK1","Vista","72629-94-
8","PFTrDA","4.00","ng/L","U","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","4.00","" "B8K0014-BLK1","Modified EPA 537","Initial","B8K0014-BLK1","Vista","376-06-
7","PFTeDA","4.00","ng/L","U","2.74","LOD","","TRG","","","8.00","LOQ","YES","-99","","0.125","0.001","4.00","" "B8K0014-BLK1","Modified EPA 537","Initial","B8K0014-BLK1","Vista","13C3-PFBS","13C3-PFBS","95.6","\%R","","-99","NA","","IS","95.6","","-99","NA","YES","100","","0.125","0.001","-99","" "B8K0014-BLK1","Modified EPA 537","Initial","B8K0014-BLK1","Vista","13C2-PFHxA","13C2-PFHxA","92.9","\%R","","-99","NA","","IS","92.9","","-99","NA","YES","100","","0.125","0.001","-99","" "B8K0014-BLK1","Modified EPA 537","Initial","B8K0014-BLK1","Vista","13C4-PFHpA","13C4-PFHpA","91.1","\%R","","-99","NA","","IS","91.1","","-99","NA","YES","100","","0.125","0.001","-99","" "B8K0014-BLK1","Modified EPA 537","Initial","B8K0014-BLK1","Vista","18O2-PFHxS","18O2-PFHxS","95.9","\%R","","-99","NA","","IS","95.9","","-99","NA","YES","100","","0.125","0.001","-99","" "B8K0014-BLK1","Modified EPA 537","Initial","B8K0014-BLK1","Vista","13C2-PFOA","13C2-PFOA","73.8","\%R","","-99","NA","","IS","73.8","","-99","NA","YES","100","","0.125","0.001","-99","" "B8K0014-BLK1","Modified EPA 537","Initial","B8K0014-BLK1","Vista","13C5-PFNA","13C5-PFNA","63.1","\%R","","-99","NA","","IS","63.1","","-99","NA","YES","100","","0.125","0.001","-99","" "B8K0014-BLK1","Modified EPA 537","Initial","B8K0014-BLK1","Vista","13C8-PFOS","13C8-PFOS","75.7","\%R","","-99","NA","","IS","75.7","","-99","NA","YES","100","","0.125","0.001","-99","" "B8K0014-BLK1","Modified EPA 537","Initial","B8K0014-BLK1","Vista","13C2-PFDA","13C2-PFDA","63.1","\%R","","-99","NA","","IS","63.1","","-99","NA","YES","100","","0.125","0.001","-99","" "B8K0014-BLK1","Modified EPA 537","Initial","B8K0014-BLK1","Vista","d3-MeFOSAA","d3-MeFOSAA","68.1","\%R","","-99","NA","","IS","68.1","","-99","NA","YES","100","","0.125","0.001","-99","" "B8K0014-BLK1","Modified EPA 537","Initial","B8K0014-BLK1","Vista","d5-EtFOSAA","d5-EtFOSAA","79.3","\%R","","-99","NA","","IS","79.3","","-99","NA","YES","100","","0.125","0.001","-99","" "B8K0014-BLK1","Modified EPA 537","Initial","B8K0014-BLK1","Vista","13C2-PFUnA","13C2-

PFUnA","65.7","\%R","","-99","NA","","IS","65.7","","-99","NA","YES","100","","0.125","0.001","-99","" "B8K0014-BLK1","Modified EPA 537","Initial","B8K0014-BLK1","Vista","13C2-PFDoA","13C2-
PFDoA","73.8","\%R","","-99","NA","","IS","73.8","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8K0014-BLK1","Modified EPA 537","Initial","B8K0014-BLK1","Vista","13C2-PFTeDA","13C2-
PFTeDA","65.0","\%R","","-99","NA","","IS","65.0","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8K0014-BS1","Modified EPA 537","Initial","B8K0014-BS1","Vista","375-73-
5","PFBS","80.0","ng/L","","2.74","LOD","","TRG","100","","8.00","LOQ","YES","80.0","","0.125","0.001","4.00","" "B8K0014-BS1","Modified EPA 537","Initial","B8K0014-BS1","Vista","307-244","PFHxA","81.4","ng/L","","2.74","LOD","","TRG","102","","8.00","LOQ","YES","80.0","","0.125","0.001","4.00", ""
"B8K0014-BS1","Modified EPA 537","Initial","B8K0014-BS1","Vista","375-85-
9","PFHpA","77.4","ng/L","","2.74","LOD","","TRG","96.7","","8.00","LOQ","YES","80.0","","0.125","0.001","4.00", ""
"B8K0014-BS1","Modified EPA 537","Initial","B8K0014-BS1","Vista","355-46-
4","PFHxS","79.2","ng/L","","2.74","LOD","","TRG","99.0","","8.00","LOQ","YES","80.0","","0.125","0.001","4.00", ""
"B8K0014-BS1","Modified EPA 537","Initial","B8K0014-BS1","Vista","335-67-
1","PFOA","77.5","ng/L","","2.74","LOD","","TRG","96.9","","8.00","LOQ","YES","80.0","","0.125","0.001","4.00","
"B8K0014-BS1","Modified EPA 537","Initial","B8K0014-BS1","Vista","375-95-
1","PFNA","83.7","ng/L","","2.74","LOD","","TRG","105","","8.00","LOQ","YES","80.0","","0.125","0.001","4.00"," "
"B8K0014-BS1","Modified EPA 537","Initial","B8K0014-BS1","Vista","1763-23-
1","PFOS","81.7","ng/L","","2.74","LOD","","TRG","102","","8.00","LOQ","YES","80.0","","0.125","0.001","4.00","" "B8K0014-BS1","Modified EPA 537","Initial","B8K0014-BS1","Vista","335-762","PFDA","79.0","ng/L","","2.74","LOD","","TRG","98.8","","8.00","LOQ","YES","80.0","","0.125","0.001","4.00"," "
"B8K0014-BS1","Modified EPA 537","Initial","B8K0014-BS1","Vista","2355-31-
9","MeFOSAA","82.7","ng/L","","2.74","LOD","","TRG","103","","8.00","LOQ","YES","80.0","","0.125","0.001","4. 00",""
"B8K0014-BS1","Modified EPA 537","Initial","B8K0014-BS1","Vista","2991-50-
6","EtFOSAA","79.5","ng/L","","2.74","LOD","","TRG","99.4","","8.00","LOQ","YES","80.0","","0.125","0.001","4.0 0",""
"B8K0014-BS1","Modified EPA 537","Initial","B8K0014-BS1","Vista","2058-948","PFUnA","80.4","ng/L","","2.74","LOD","","TRG","101","","8.00","LOQ","YES","80.0","","0.125","0.001","4.00", ""
"B8K0014-BS1","Modified EPA 537","Initial","B8K0014-BS1","Vista","307-55-
1","PFDoA","75.0","ng/L","","2.74","LOD","","TRG","93.8","","8.00","LOQ","YES","80.0","","0.125","0.001","4.00", ""
"B8K0014-BS1","Modified EPA 537","Initial","B8K0014-BS1","Vista","72629-94-
8","PFTrDA","75.1","ng/L","","2.74","LOD","","TRG","93.8","","8.00","LOQ","YES","80.0","","0.125","0.001","4.00 ",""
"B8K0014-BS1","Modified EPA 537","Initial","B8K0014-BS1","Vista","376-06-
7","PFTeDA","86.5","ng/L","","2.74","LOD","","TRG","108","","8.00","LOQ","YES","80.0","","0.125","0.001","4.00 " ""
"B8K0014-BS1","Modified EPA 537","Initial","B8K0014-BS1","Vista","13C3-PFBS","13C3-
PFBS","103","\%R","","-99","NA","","IS","103","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8K0014-BS1","Modified EPA 537","Initial","B8K0014-BS1","Vista","13C2-PFHxA","13C2-
PFHxA","95.0","\%R","","-99","NA","","IS","95.0","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8K0014-BS1","Modified EPA 537","Initial","B8K0014-BS1","Vista","13C4-PFHpA","13C4-
PFHpA","94.2","\%R","","-99","NA","","IS","94.2","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8K0014-BS1","Modified EPA 537","Initial","B8K0014-BS1","Vista","18O2-PFHxS","18O2-
PFHxS","95.8","\%R","","-99","NA","","IS","95.8","","-99","NA","YES","100","","0.125","0.001","-99",""
"B8K0014-BS1","Modified EPA 537","Initial","B8K0014-BS1","Vista","13C2-PFOA","13C2-

PFOA","76.6","\%R","","-99","NA","","IS","76.6","","-99","NA","YES","100","","0.125","0.001","-99","" "B8K0014-BS1","Modified EPA 537","Initial","B8K0014-BS1","Vista","13C5-PFNA","13C5-PFNA","67.6","\%R","","-99","NA","","IS","67.6","","-99","NA","YES","100","","0.125","0.001","-99","" "B8K0014-BS1","Modified EPA 537","Initial","B8K0014-BS1","Vista","13C8-PFOS","13C8-PFOS","72.1","\%R","","-99","NA","","IS","72.1","","-99","NA","YES","100","","0.125","0.001","-99","" "B8K0014-BS1","Modified EPA 537","Initial","B8K0014-BS1","Vista","13C2-PFDA","13C2-PFDA","65.1","\%R","","-99","NA","","IS","65.1","","-99","NA","YES","100","","0.125","0.001","-99","" "B8K0014-BS1","Modified EPA 537","Initial","B8K0014-BS1","Vista","d3-MeFOSAA","d3-MeFOSAA","65.2","\%R","","-99","NA","","IS","65.2","","-99","NA","YES","100","","0.125","0.001","-99","" "B8K0014-BS1","Modified EPA 537","Initial","B8K0014-BS1","Vista","d5-EtFOSAA","d5-EtFOSAA","72.8","\%R","","-99","NA","","IS","72.8","","-99","NA","YES","100","","0.125","0.001","-99","" "B8K0014-BS1","Modified EPA 537","Initial","B8K0014-BS1","Vista","13C2-PFUnA","13C2-PFUnA","63.5","\%R","","-99","NA","","IS","63.5","","-99","NA","YES","100","","0.125","0.001","-99","" "B8K0014-BS1","Modified EPA 537","Initial","B8K0014-BS1","Vista","13C2-PFDoA","13C2-PFDoA","75.5","\%R","","-99","NA","","IS","75.5","","-99","NA","YES","100","","0.125","0.001","-99","" "B8K0014-BS1","Modified EPA 537","Initial","B8K0014-BS1","Vista","13C2-PFTeDA","13C2-PFTeDA","59.7","\%R","","-99","NA","","IS","59.7","","-99","NA","YES","100","","0.125","0.001","-99","" "112G08005-WE05","112G08005-WE05","CAL-IDW-20181025","10/25/2018 15:45","AQ","180342801","NM","","0.00","Modified EPA 537","METHOD","Initial","11/05/2018 09:00","11/11/2018 20:42","Vista","COA","WET","NA","1","NA","NA","01/01/1900
00:00","100","B8K0014","B8K0014","NA","S8K0033","1803428","10/26/2018 08:30","01/01/1900 00:00","" "112G08005-WE05","112G08005-WE05","B8K0014-BLK1","01/01/1900 00:00","AQ","B8K0014-BLK1","MB","","-99","Modified EPA 537","METHOD","Initial","11/05/2018 09:00","11/11/2018 20:10","Vista","COA","WET","NA","1","NA","NA","01/01/1900 00:00","100","B8K0014","B8K0014","NA","S8K0033","1803428","01/01/1900 00:00","01/01/1900 00:00","" "112G08005-WE05","112G08005-WE05","B8K0014-BS1","01/01/1900 00:00","AQ","B8K0014-BS1","LCS","","-99","Modified EPA 537","METHOD","Initial","11/05/2018 09:00","11/11/2018
19:59","Vista","COA","WET","NA","1","NA","NA","01/01/1900
00:00","100","B8K0014","B8K0014","NA","S8K0033","1803428","01/01/1900 00:00","01/01/1900 00:00",""


