



APPENDIX 3: COORDINATES FOR THE DEVELOPMENT AND ALL ASSOCIATED COMPONENTS

FINAL ENVIRONMENTAL IMPACT ASSESSMENT REPORT

**SCOPING & ENVIRONMENTAL IMPACT ASSESSMENT (S&EIA) FOR THE
PROPOSED 2 MEGALITRES PER DAY (MLD) SOLAR POWERED SEAWATER
DESALINATION PLANT IN THE PORT OF EAST LONDON, BUFFALO CITY
METROPOLITAN MUNICIPALITY, EASTERN CAPE PROVINCE, BY TRANSNET
NATIONAL PORTS AUTHORITY**

DFFE EA Application Reference Number: 14/12/16/3/3/2/2845

September 2026



ANCHOR
environmental

PART OF



Point No.	Latitude (°S)	Longitude (°E)
Intake Pipeline (Linear Feature)		
IP-1	33° 1' 43.2948"	27° 54' 24.091552"
IP-2	33° 1' 43.023422"	27° 54' 24.371897"
IP-3	33° 1' 42.567555"	27° 54' 24.584378"
IP-4	33° 1' 42.424958"	27° 54' 24.58983"
IP-5	33° 1' 41.915375"	27° 54' 24.784031"
IP-6	33° 1' 41.479018"	27° 54' 25.130128"
IP-7	33° 1' 41.341387"	27° 54' 25.925823"
IP-8	33° 1' 41.680942"	27° 54' 26.545567"
IP-9	33° 1' 42.119222"	27° 54' 27.907745"
IP-10	33° 1' 42.273676"	27° 54' 29.096648"
IP-11	33° 1' 41.582279"	27° 54' 30.197702"
IP-12	33° 1' 39.816707"	27° 54' 30.485945"
IP-13	33° 1' 39.226405"	27° 54' 31.09818"
Pumphouse + Parking (Site Feature)		
PH-1	33°1'39.823633"	27°54'30.354433"
PH-2	33°1'39.70556"	27°54'30.783701"
PH-3	33°1'40.120396"	27°54'31.048366"
PH-4	33°1'40.317946"	27°54'31.043988"
PH-5	33°1'40.427256"	27°54'30.738906"
Port Substation (Site Feature)		
SPS-1	33°1'40.768269"	27°54'28.774354"
Low Voltage CableLine (Linear Feature)		
LVC-1	33° 1' 40.887536"	27° 54' 28.855464"
LVC-2	33° 1' 41.707936"	27° 54' 30.164964"
LVC-3	33° 1' 41.582275"	27° 54' 30.197702"
LVC-4	33° 1' 39.816695"	27° 54' 30.485949"
LVC-5	33° 1' 39.803588"	27° 54' 30.497515"
High Voltage Cableline (Linear Feature)		
HVC-1	33° 1' 40.887536"	27° 54' 28.855464"
HVC-2	33° 1' 41.707936"	27° 54' 30.164964"
HVC-3	33° 1' 42.273673"	27° 54' 29.096582"
HVC-4	33° 1' 42.119218"	27° 54' 27.907749"
HVC-5	33° 1' 41.680938"	27° 54' 26.54557"
HVC-6	33° 1' 41.341375"	27° 54' 25.925822"
HVC-7	33° 1' 41.479022"	27° 54' 25.130132"
HVC-8	33° 1' 41.915362"	27° 54' 24.784027"
HVC-9	33° 1' 42.42496"	27° 54' 24.589835"
HVC-10	33° 1' 42.567545"	27° 54' 24.584381"
HVC-11	33° 1' 43.023406"	27° 54' 24.371898"
HVC-12	33° 1' 43.294803"	27° 54' 24.091547"
Mini Substation(s) (Site Feature)		
MS-1	33° 1' 43.542278"	27° 54' 24.062366"
MS-2	33° 1' 43.279069"	27° 54' 24.197733"
Raw Water Tank (Site Feature)		
RWT-1	33° 1' 43.418623"	27° 54' 23.891495"

Reverse Osmosis (RO) Plant (Site Feature)		
RO-1	33° 1' 43.14066"	27° 54' 24.237784"
RO-2	33° 1' 43.437804"	27° 54' 25.050775"
RO-3	33° 1' 44.075845"	27° 54' 24.722132"
RO-4	33° 1' 43.778697"	27° 54' 23.909139"
Ultrafiltration (UF) Tank (Site Feature)		
UF-1	33° 1' 43.912629"	27° 54' 24.927268"
Solar Plant (Site Feature)		
SP-1	33° 1' 44.359064"	27° 54' 25.142121"
SP-2	33° 1' 44.518047"	27° 54' 26.782553"
SP-3	33° 1' 44.669994"	27° 54' 28.419511"
SP-4	33° 1' 45.808448"	27° 54' 32.622176"
SP-5	33° 1' 46.141548"	27° 54' 33.832359"
SP-6	33° 1' 46.199049"	27° 54' 33.486616"
SP-7	33° 1' 46.06347"	27° 54' 31.914327"
SP-8	33° 1' 45.84142"	27° 54' 29.447482"
SP-9	33° 1' 45.689565"	27° 54' 27.396025"
SP-10	33° 1' 45.480131"	27° 54' 25.047833"
Outfall Pipeline (Linear Feature)		
OP-1	33° 1' 43.831199"	27° 54' 25.071224"
OP-2	33° 1' 43.535619"	27° 54' 25.778427"
OP-3	33° 1' 43.543065"	27° 54' 26.102511"
OP-4	33° 1' 45.556381"	27° 54' 33.525654"
OP-5	33° 1' 46.045607"	27° 54' 34.650761"
OP-6	33° 1' 50.115996"	27° 54' 41.119497"
OP-7	33° 1' 50.208853"	27° 54' 42.559828"
OP-8	33° 1' 50.156354"	27° 54' 42.677219"
OP-9	33° 1' 50.515308"	27° 54' 43.765832"
OP-10	33° 1' 53.908447"	27° 54' 43.958199"
OP-11	33° 1' 54.977357"	27° 54' 43.573878"
OP-12	33° 1' 56.054266"	27° 54' 43.067736"
OP-13	33° 1' 56.713614"	27° 54' 42.647702"
OP-14	33° 1' 59.016034"	27° 54' 40.745294"
OP-15	33° 2' 0.542838"	27° 54' 39.538061"
OP-16	33° 2' 0.785378"	27° 54' 39.403304"
OP-17	33° 2' 2.625657"	27° 54' 38.694863"
OP-18	33° 2' 3.122848"	27° 54' 39.34519"
OP-19	33° 2' 2.362445"	27° 54' 41.420307"
OP-20	33° 2' 2.382213"	27° 54' 42.39315"
OP-21	33° 2' 2.621127"	27° 54' 42.967779"
Brine Tank (Site Feature)		
BT-1	33° 1' 43.615137"	27° 54' 25.094685"
Brine and UF Tank Access Area (Site Feature)		
BTA-1	33° 1' 43.437804"	27° 54' 25.050775"
BTA-2	33° 1' 43.621219"	27° 54' 25.351096"
BTA-3	33° 1' 44.075223"	27° 54' 25.043094"
BTA-4	33° 1' 44.075239"	27° 54' 24.9939"
BTA-5	33° 1' 44.075845"	27° 54' 24.722132"

Parking and RO Plant Access Area (Site Feature)		
PA-1	33° 1' 43.163528"	27° 54' 24.224838"
PA-2	33° 1' 43.779358"	27° 54' 23.907849"
PA-3	33° 1' 44.075845"	27° 54' 24.722132"
PA-4	33° 1' 44.075222"	27° 54' 25.043093"
PA-5	33° 1' 43.621221"	27° 54' 25.351096"
PA-6	33° 1' 43.913829"	27° 54' 25.818595"
PA-7	33° 1' 44.286795"	27° 54' 25.578785"
PA-8	33° 1' 44.261652"	27° 54' 25.269614"
PA-9	33° 1' 44.200374"	27° 54' 24.635578"
PA-10	33° 1' 44.146985"	27° 54' 24.462102"
PA-11	33° 1' 44.116664"	27° 54' 24.343898"
PA-12	33° 1' 44.076665"	27° 54' 23.957462"
PA-13	33° 1' 44.017696"	27° 54' 23.267312"
PA-14	33° 1' 43.417953"	27° 54' 23.645605"
PA-15	33° 1' 43.326643"	27° 54' 23.706569"
PA-16	33° 1' 43.265702"	27° 54' 23.789762"
PA-17	33° 1' 43.196222"	27° 54' 23.965424"
Permeate Pipeline (Linear Feature)		
PP-1	33°1'43.881809"	27°54'24.577193"
PP-2	33°1'44.381334"	27°54'24.472494"
1 ML Reservoir (Site Feature)		
RS-1	33°1'44.374865"	27°54'24.437298"
RS-2	33°1'44.430954"	27°54'24.625261"
RS-3	33°1'44.537822"	27°54'24.779118"
RS-4	33°1'44.682573"	27°54'24.880307"
RS-5	33°1'44.847753"	27°54'24.916629"
RS-6	33°1'45.013434"	27°54'24.883696"
RS-7	33°1'45.159636"	27°54'24.785487"
RS-8	33°1'45.268722"	27°54'24.633841"
RS-9	33°1'45.327537"	27°54'24.447055"
RS-10	33°1'45.328986"	27°54'24.247656"
RS-11	33°1'45.272897"	27°54'24.059689"
RS-12	33°1'45.166029"	27°54'23.905836"
RS-13	33°1'45.021278"	27°54'23.804643"
RS-14	33°1'44.856098"	27°54'23.768326"
RS-15	33°1'44.690417"	27°54'23.801255"
RS-16	33°1'44.544215"	27°54'23.899468"
RS-17	33°1'44.43513"	27°54'24.05111"
RS-18	33°1'44.376314"	27°54'24.237899"
Reservoir Access Area (Site Feature)		
RSA-1	33° 1' 44.196488"	27° 54' 23.035831"
RSA-2	33° 1' 44.359063"	27° 54' 25.14212"
RSA-3	33° 1' 45.480131"	27° 54' 25.047831"
RSA-4	33° 1' 45.350074"	27° 54' 23.368026"
RSA-5	33° 1' 45.058937"	27° 54' 23.09695"
RSA-6	33° 1' 44.746755"	27° 54' 22.817489"

Outfall Culvert (Site Feature)		
OC-1	33° 2' 2.847254"	27° 54' 39.412966"
OC-2	33° 2' 2.583075"	27° 54' 40.116959"
OC-3	33° 2' 2.324117"	27° 54' 40.823649"
OC-4	33° 2' 2.194637"	27° 54' 41.176989"
OC-5	33° 2' 2.07165"	27° 54' 41.587174"
OC-6	33° 2' 2.054477"	27° 54' 42.051432"
OC-7	33° 2' 2.161196"	27° 54' 42.493091"
OC-8	33° 2' 2.352065"	27° 54' 42.386398"
OC-9	33° 2' 2.396699"	27° 54' 42.361447"
OC-10	33° 2' 2.587573"	27° 54' 42.254744"
OC-11	33° 2' 2.520932"	27° 54' 41.968857"
OC-12	33° 2' 2.538453"	27° 54' 41.672955"
OC-13	33° 2' 2.646399"	27° 54' 41.346682"
OC-14	33° 2' 2.756693"	27° 54' 41.045695"
OC-15	33° 2' 3.012581"	27° 54' 40.347385"
OC-16	33° 2' 3.268494"	27° 54' 39.628326"
OC-17	33° 2' 3.242812"	27° 54' 39.460276"
OC-18	33° 2' 3.145172"	27° 54' 39.357681"
OC-19	33° 2' 3.100231"	27° 54' 39.333513"
OC-20	33° 2' 2.970445"	27° 54' 39.318644"
Site Camps (Site Feature)		
Site Camp A: RO/Solar Site		
SCA-1	33° 1' 42.683345"	27° 54' 24.535539"
SCA-2	33° 1' 42.788456"	27° 54' 25.940491"
SCA-3	33° 1' 42.951764"	27° 54' 26.970991"
SCA-4	33° 1' 43.139613"	27° 54' 27.441804"
SCA-5	33° 1' 43.367067"	27° 54' 28.157102"
SCA-6	33° 1' 43.717226"	27° 54' 29.111315"
SCA-7	33° 1' 44.343991"	27° 54' 28.838771"
SCA-8	33° 1' 44.23681"	27° 54' 28.274953"
SCA-9	33° 1' 44.099047"	27° 54' 27.201137"
SCA-10	33° 1' 44.0262"	27° 54' 26.802156"
SCA-11	33° 1' 43.851211"	27° 54' 26.312204"
SCA-12	33° 1' 42.841998"	27° 54' 24.486275"
Site Camp B: Outfall Site		
SCB-1	33° 1' 59.80084"	27° 54' 41.827907"
SCB-2	33° 2' 0.295349"	27° 54' 42.646631"
SCB-3	33° 2' 1.912153"	27° 54' 42.280443"
SCB-4	33° 2' 1.331649"	27° 54' 41.34615"
SCB-5	33° 2' 2.359483"	27° 54' 40.446042"
SCB-6	33° 2' 2.047638"	27° 54' 39.863894"