GPS COORDINATES:

POINTS	EASTING	NORTHING
A	350352.8057	5328293.5084
B	350394.6498	5328264.2503
C	350379.5473	5328244.3969
D	350372.1974	5328241.5255
E	350360.2376	5328242.1588
F	350353.4260	5328246.2746
G	350352.0795	5328252.8441
H	350341.0701	5328261.5507
I	350329.9915	5328246.2157
J	350319.7915	5328241.7157
K	350316.3013	5328244.0168
L	350418.9021	5328232.3023
M	350426.5528	5328228.1591
N	350427.7633	5328220.4315
O	350437.1659	5328209.2753
P	350416.6132	5328183.1616
Q	350403.7916	5328176.4566
R	350394.0098	5328188.1100
S	350394.8509	5328204.2912

NOTES

SURVEY PARTY CHIEF EDDIE BEARNS
SURVEY VESSEL ALUMINUM BOAT
SURVEY DATE(S) BETWEEN MARCH 01,2017 & APRIL 11,2018

SOUNDER TYPE: SINGLE TRANSDUCER APRIL 11, 2018
SOUNDER SETTING MIN/INST **VEL. OF SOUND** 1500 m/s
DEPTH GATE USED N/A **FRE. OF TRANS.** 210 kHZ

POSITIONING SYSTEM USED TRIMBLE GNSS DPGS
LAND SURVEY POSITION BY TRIMBLE GNSS DPGS

DATA TAPE/DISC(S) USED
CAD DRAWING FILE(S):

TIDAL REDUCTION SCHEME

OFFICE PROCESSOR E.BEARNS
DATE OF PROCESSING APRIL 2018

MODE OF PLOTTING LEAST OF MINIMUM DEPTHS
MATRIX CELL WIDTH X LENGTH
REDUCTION OF MATRIX CELLS

CONTROL POINTS:

Pt. NAME	EASTING	NORTHING	CD ELEV	DESCRIPTION
84G4084	350672.894	5327396.591		PROVINCAL BRASS PLAQUE SET IN BEDROCK
630440	349965.546	5326953.276		PROVINCAL BRASS PLAQUE SET IN BEDROCK
PWC 1-2014	350429.68	5328245.89	+2.66 m	STEM REMAINING IN CONCRETE DECK
PWC 9801	350490.850	5327828.043		STEM REMAINING IN CONCRETE DECK
PWC 9802	350563.951	5327780.206		IRON PIN DRIVEN IN PAVEMENT
PWC 9803	350592.241	5327978.628		NAIL RAMSET IN CONCRETE DECK
PWC 1-2007	350566.552	5327812.261	+2.24 m	NAIL RAMSET IN CONCRETE DECK

ALL SOUNDINGS & ELEVATIONS IN METRES.

ALL SOUNDINGS & ELEVATIONS REFERRED TO PWC 1-2007 ELEV. +2.24 m
(NAIL SET IN CONCRETE DECK) ESTABLISHED FROM GEODETIC BM 92F391
ELEV.+60.762 m, USING 0.70m AS THE DIFFERENCE BETWEEN GEODETIC & CHART DATUM.

SOUNDINGS TAKEN USING NAVISOUND 210 ECHO SOUNDER AND POSITIONED BY GNSS TRIMBLE DIFFERENTIAL GPS POSITIONING SYSTEM BETWEEN MARCH 01,2017 & APRIL 11,2018 BY PWGSC SURVEY CREW.

COORDINATES FOR HORIZONTAL CONTROL ARE GIVEN ON THE U.T.M. MAPPING PLANE, ZONE 22, USING THE NORTH AMERICAN DATUM OF 1983(NAD83).

SOUNDINGS WERE REDUCED BY DIGITRACE & RE-CHECKED FROM SOUNDING CHARTS BEFORE BEING CORRECTED FOR TIDE & BAR CHECK CORRECTION.

SOUNDINGS WERE REDUCED USING HYPACK MAX VER. 2013A.

ALL FIELD NOTES ARE IN OLD PERLICAN BOOK #30"A" & 30"B".

LEGEND

SYMBOLS

- ACQUACULTURE
- ANCHOR BLOCK
- BOLLARD
- BOREHOLE
- BOUNDARY MARKER
- CARD POSITION BUOY
- CATCH BASIN
- CLEAT
- CULVERT
- DERRICK
- DISPOSAL
- DREDGE CONTROL
- ELECTRICAL OUTLET
- FIRE HYDRANT
- FIRST AID
- FISH HANDLING EQUIP.
- FOG HORN
- FUEL PUMP
- H PILE
- HORIZONTAL CONTROL
- ICE PLANT
- INVERT PIPE
- JIB CRANE
- LADDER
- LIFE RING
- LIGHT STANDARD
- MANHOLE
- MARSH
- MAST/TOWER
- NAVIGATION LIGHT
- OBSERVED BUOY
- OBSERVED SPAR BUOY
- PIPE PILE
- RANGE LIGHT
- SAFETY POST
- SEWER OUTFLOW PIPE
- SIGN
- TELEPHONE
- TELEPHONE POLE
- TIDE GUAGE/STAFF
- TREE
- UTILITY POLE
- VERTICAL CONTROL
- WATER TAP/OUTLET
- WATER VALVE
- WATER WELL
- WOOD PILE

LINETYPE

- ARMOUR STONE
- CL RAILROAD
- DRAIN PIPE
- EDGE ROAD / SHOULDER
- FENCE LINE
- FLOATING WAVEBREAK
- GUARD RAIL
- HIGH WATER MARK
- LOW WATER MARK
- MARSH OUTLINE
- PROPERTY BOUNDARY
- RANGE LIGHT EXTENSION
- RETAINING WALL
- RIPRAP
- TOE OF BANK
- TREE LINE
- UNDERGROUND CABLE

NAD83 UTM ZONE 22 (NAD83) NORTH

Public Works and Government Services Canada / Travaux Publics et Services gouvernementaux Canada

PROVINCE OF NEWFOUNDLAND
PERMIT HOLDER
This Permit Allows
AFN ENGINEERING INC.
To practice Professional Engineering in Newfoundland and Labrador.
Permit No. as issued by APEGNL F0292
which is valid for the year 2018

STAMP
REGISTERED PROFESSIONAL ENGINEER
NEIL C. HUNT
SIGNATURE 11/9/18 DATE
NEWFOUNDLAND & LABRADOR

B	ISSUED FOR TENDER	11/9/18
A	ISSUED FOR REVIEW	10/30/18
revisions		date

project / projet

DREDGING
OLD PERLICAN, NL

drawing / dessin

NEW SITE PLAN

designed N.H. / conçu
date NOVEMBER 9, 2018
drawn P.H. / dessiné
date NOVEMBER 9, 2018
approved / approuvé
date
Tender / Soumission
PWGSC Project Manager / Administrateur de projets TPSGC
project number / no. du projet
R.102011.001
drawing no. / no. du dessin
C2 OF 3

PWGSC B1 (2004)

E-DRM/GDD-E: 552866