

LEGEND

| | | | |
|-------|------------------------------|--------|----------------------|
| ----- | EXISTING SANITARY SEWER MAIN | ■ | NEW WOOD POST |
| ----- | PROPOSED SANITARY SEWER MAIN | ○ c.o. | NEW CLEANOUT |
| ----- | EXISTING WATER MAIN | ● L.P. | EXISTING LIGHT POLE |
| ----- | PROPOSED WATER MAIN | ⊕ TP | TEST PIT |
| ----- | EXISTING ELECTRICAL SERVICE | --- | EXISTING SIGN |
| ----- | EXISTING MANHOLE | --- | EXISTING GRAVEL ROAD |
| ----- | PROPOSED ENDCAP | --- | LIMIT OF NEW WORK |
| ----- | CURB STOP | --- | FUTURE EXPANSION |
| ----- | EXISTING LEACHING PIT | | |
| ----- | EXISTING HOSE BIB | | |

SYSTEM DESIGN NOTE:

THE PROPOSED SEPTIC TANK AND DISPOSAL FIELD HAS BEEN DESIGNED TO ACCOMMODATE A MAXIMUM DAILY FLOW OF 30,000 LITRES. USING 227 LITRES PER SITE PER DAY AS A MAXIMUM FLOW, THE SYSTEM IS DESIGNED TO SERVICE 136 SITES.

AN ADDITIONAL TANK AND DISPOSAL FIELD WOULD BE REQUIRED TO SERVICE THE PARKS 260 CAMP SITES AT FULL OCCUPANCY.

NOTES (CON'T):

5. 200x200mm PRESSURE TREATED WOOD POSTS TO BE PLACED ALONG THE TOP OF SLOPE AS SHOWN ON DRAWINGS. POSTS TO BE PLACED 3050mm o.c. AND 500mm FROM THE TOP OF THE SLOPE.

Public Works and
Government Services
Canada

Travaux Publics et
Services gouvernementaux
Canada

Consultant

PROVINCE OF NEWFOUNDLAND
PERMIT HOLDER
CLASS "A"
This Permit Allows
HATCH MOTT MacDonald LTD.
To practice Professional Engineering
in Newfoundland and Labrador
Permit No. as issued by PEG-NL X0916
which is valid for the year 2015



NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
- ALL ELEVATIONS ARE IN METRES UNLESS OTHERWISE NOTED.
- MINIMUM COVER OVER WATER MAIN TO BE 1800mm UNLESS OTHERWISE NOTED.
- THE ALIGNMENT/LOCATION OF EXISTING WATER, SEWER AND ELECTRICAL SERVICES SHALL UNDER NO CIRCUMSTANCES BE INTERPRETED FOR "AS BUILT". THE INFORMATION IS PROVIDED FOR GENERAL CONSIDERATION ONLY, AND PWGSC NOR HATCH MOTT MacDonald ASSUMES ANY LIABILITY WITH ITS USE, IN WHOLE, OR IN PART. CONTRACTORS ARE RESPONSIBLE TO LOCATE EXISTING SERVICES PRIOR TO START OF ANY DEMOLITION AND CONSTRUCTION, AND MAINTAIN SAFE SEPARATION DURING ALL CONSTRUCTION ACTIVITIES.

| | | |
|-----------|-----------------------------|------------|
| E | ISSUED FOR TENDER | 10/13/2015 |
| D | ISSUED FOR 95% REVIEW | 03/27/2015 |
| C | RE-ISSUED FOR CLIENT REVIEW | 02/23/2010 |
| B | REVISED CONCEPT | 10/26/2009 |
| A | ISSUED FOR CLIENT REVIEW | 09/10/2009 |
| revisions | | date |
| project | | project |

TERRA NOVA NATIONAL PARK
NEWMAN SOUND CAMPGROUND
WASTEWATER DUMPING STATION

drawing dessin

NEW SITE SERVICES & SITE GRADING PLAN & TESTPIT LOGS

designed K. GOODYEAR conçu
date SEP. 10, 2009
drawn M. LEGGE dessiné
date SEP. 10, 2009
approved S. SMITH approuvé
date SEP. 10, 2009
Tender *[Signature]* 10/26/15
PWGSC Project Manager Administrateur de projets TPSCG
project number no. du projet
R.078626.001
drawing no. no. du dessin
C2 of 8

SITE LAYOUT COORDINATES:

| POINT No. | NORTHING | EASTING |
|-----------|-------------|------------|
| 1 | 5378456.447 | 232754.785 |
| 2 | 5378335.066 | 232614.684 |
| 3 | 5378315.494 | 232606.064 |
| 4 | 5378293.446 | 232606.661 |
| 5 | 5378289.314 | 232615.276 |
| 6 | 5378308.031 | 232614.769 |
| 7 | 5378319.774 | 232619.941 |
| 8 | 5378353.159 | 232660.002 |
| 9 | 5378356.551 | 232666.986 |
| 10 | 5378358.246 | 232675.786 |
| 11 | 5378361.638 | 232682.770 |
| 12 | 5378402.536 | 232729.975 |
| 13 | 5378412.801 | 232735.114 |
| 14 | 5378420.000 | 232735.630 |
| 15 | 5378430.190 | 232740.683 |
| 16 | 5378454.779 | 232768.628 |
| 17 | 5378325.465 | 232666.179 |
| 18 | 5378298.257 | 232689.752 |
| 19 | 5378319.211 | 232713.938 |
| 20 | 5378346.419 | 232690.364 |
| 21 | 5378334.799 | 232637.284 |
| 22 | 5378336.056 | 232639.481 |
| 23 | 5378338.212 | 232642.750 |

NOTE: REFER TO DWG. C3 OF 8 FOR SEPTIC TANK, DUMP STATIONS AND FILL-UP STATION COORDINATES

| TEST PIT No. TP-1 | TEST PIT No. TP-2 | TEST PIT No. TP-3 | TEST PIT No. TP-4 | TEST PIT No. TP-5 | TEST PIT No. TP-6 | TEST PIT No. TP-7 |
|---|---|---|---|---|---|---|
| <p>Location: Newman Sound Campground Wastewater Pumping Station</p> <p>Client: PWGSC</p> <p>Drawn: M. Legge</p> <p>Date Started: 06/11/08</p> <p>Date Finished: 06/11/08</p> <p>Sheet: 1 of 1</p> | <p>Location: Newman Sound Campground Wastewater Pumping Station</p> <p>Client: PWGSC</p> <p>Drawn: M. Legge</p> <p>Date Started: 06/11/08</p> <p>Date Finished: 06/11/08</p> <p>Sheet: 1 of 1</p> | <p>Location: Newman Sound Campground Wastewater Pumping Station</p> <p>Client: PWGSC</p> <p>Drawn: M. Legge</p> <p>Date Started: 06/11/08</p> <p>Date Finished: 06/11/08</p> <p>Sheet: 1 of 1</p> | <p>Location: Newman Sound Campground Wastewater Pumping Station</p> <p>Client: PWGSC</p> <p>Drawn: M. Legge</p> <p>Date Started: 06/11/08</p> <p>Date Finished: 06/11/08</p> <p>Sheet: 1 of 1</p> | <p>Location: Newman Sound Campground Wastewater Pumping Station</p> <p>Client: PWGSC</p> <p>Drawn: M. Legge</p> <p>Date Started: 06/11/08</p> <p>Date Finished: 06/11/08</p> <p>Sheet: 1 of 1</p> | <p>Location: Newman Sound Campground Wastewater Pumping Station</p> <p>Client: PWGSC</p> <p>Drawn: M. Legge</p> <p>Date Started: 06/11/08</p> <p>Date Finished: 06/11/08</p> <p>Sheet: 1 of 1</p> | <p>Location: Newman Sound Campground Wastewater Pumping Station</p> <p>Client: PWGSC</p> <p>Drawn: M. Legge</p> <p>Date Started: 06/11/08</p> <p>Date Finished: 06/11/08</p> <p>Sheet: 1 of 1</p> |
| <p>SOIL DESCRIPTION</p> <p>TEST PIT LOG</p> <p>DATE: 06/11/08</p> <p>BY: M. LEGGE</p> | <p>SOIL DESCRIPTION</p> <p>TEST PIT LOG</p> <p>DATE: 06/11/08</p> <p>BY: M. LEGGE</p> | <p>SOIL DESCRIPTION</p> <p>TEST PIT LOG</p> <p>DATE: 06/11/08</p> <p>BY: M. LEGGE</p> | <p>SOIL DESCRIPTION</p> <p>TEST PIT LOG</p> <p>DATE: 06/11/08</p> <p>BY: M. LEGGE</p> | <p>SOIL DESCRIPTION</p> <p>TEST PIT LOG</p> <p>DATE: 06/11/08</p> <p>BY: M. LEGGE</p> | <p>SOIL DESCRIPTION</p> <p>TEST PIT LOG</p> <p>DATE: 06/11/08</p> <p>BY: M. LEGGE</p> | <p>SOIL DESCRIPTION</p> <p>TEST PIT LOG</p> <p>DATE: 06/11/08</p> <p>BY: M. LEGGE</p> |

TESTPIT LOGS

SCALE = N.T.S.