



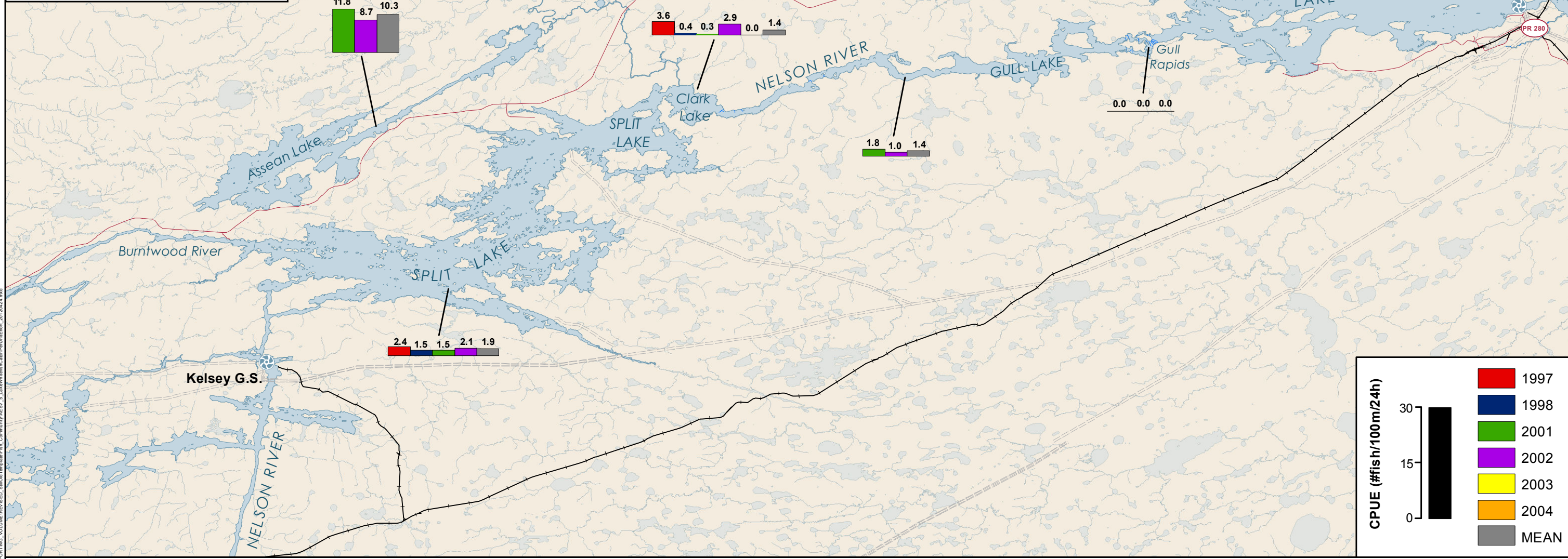
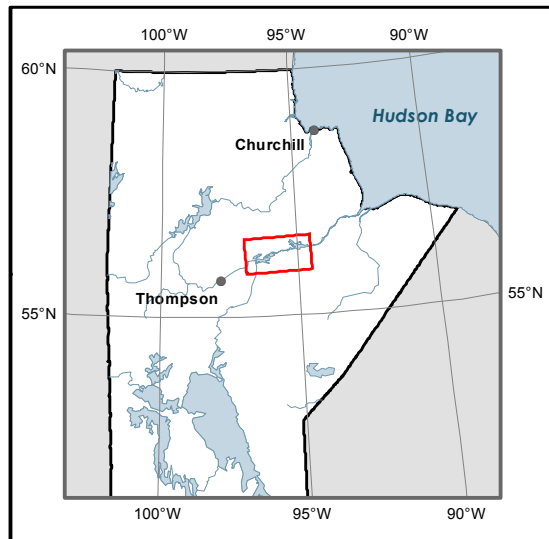
# Keeyask Generation Project Environmental Impact Statement

## Supporting Volume Aquatic Environment

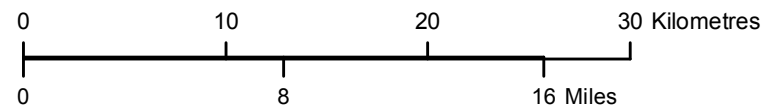


June 2012





File Location: G:\B\Keeeyask\fish\AA\GIS\REPORTING\_VOLUMES\REVISED\_SIBO\TerraFirma\_CommunityAESV\_5\_LakeWhitefishCatchPerEffort\_20120424.mxd



Projection: UTM Zone 15, NAD 83  
Data Source: NTS base 1:50 000

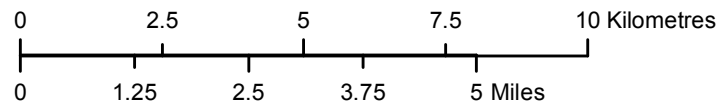
## Lake Whitefish Catch-per-unit-effort

### Standard Gang Index Gill Nets



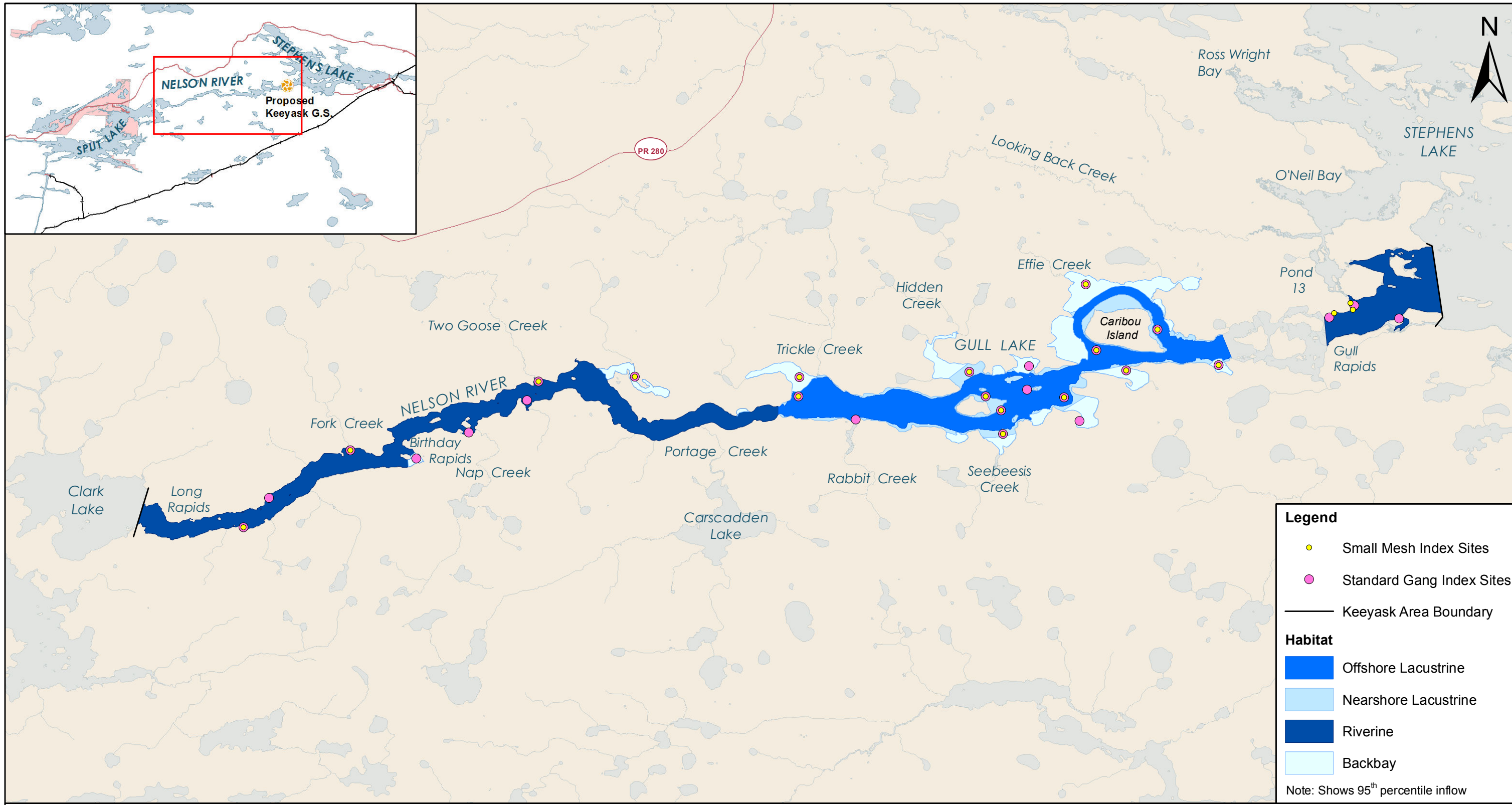


File Location: C:\ES\Keeyask\Subarea\_Maps\SUPPORTING\_VOLUME\REVISED\_Support\map\Final\_Community\AESV\_5\_KeeyaskArea\_20120810.mxd



Projection: UTM Zone 15, NAD 83  
 Data Source: NTS base 1:50 000  
 Stephens Lake Shoreline - Quickbird@Digitalglobe, 2006  
 Nelson River Shoreline modelled by Manitoba Hydro

## Keeyask Area Existing Environment



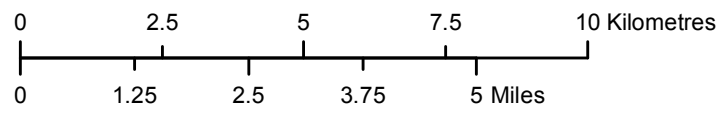
**Legend**

- Small Mesh Index Sites
- Standard Gang Index Sites
- Keeyask Area Boundary

**Habitat**

- Offshore Lacustrine
- Nearshore Lacustrine
- Riverine
- Backbay

Note: Shows 95<sup>th</sup> percentile inflow

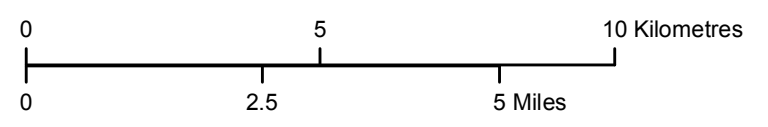
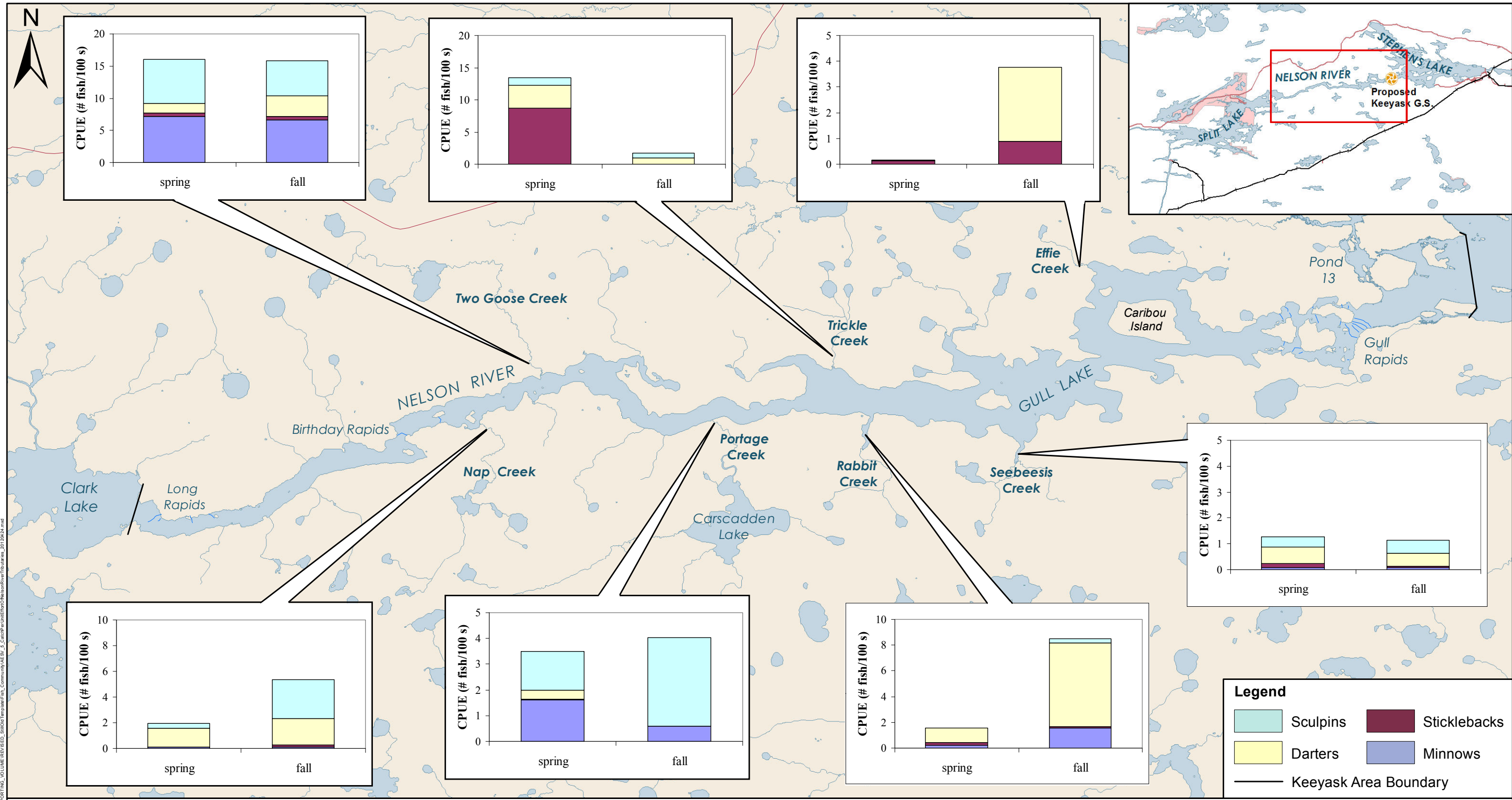


Projection: UTM Zone 15, NAD 83  
 Data Source: NTS base 1:50 000  
 Stephens Lake Shoreline - Quickbird@Digitalglobe, 2006  
 Nelson River Shoreline modelled by Manitoba Hydro

## Habitat-Based Index Gillnetting Sites 1999-2003

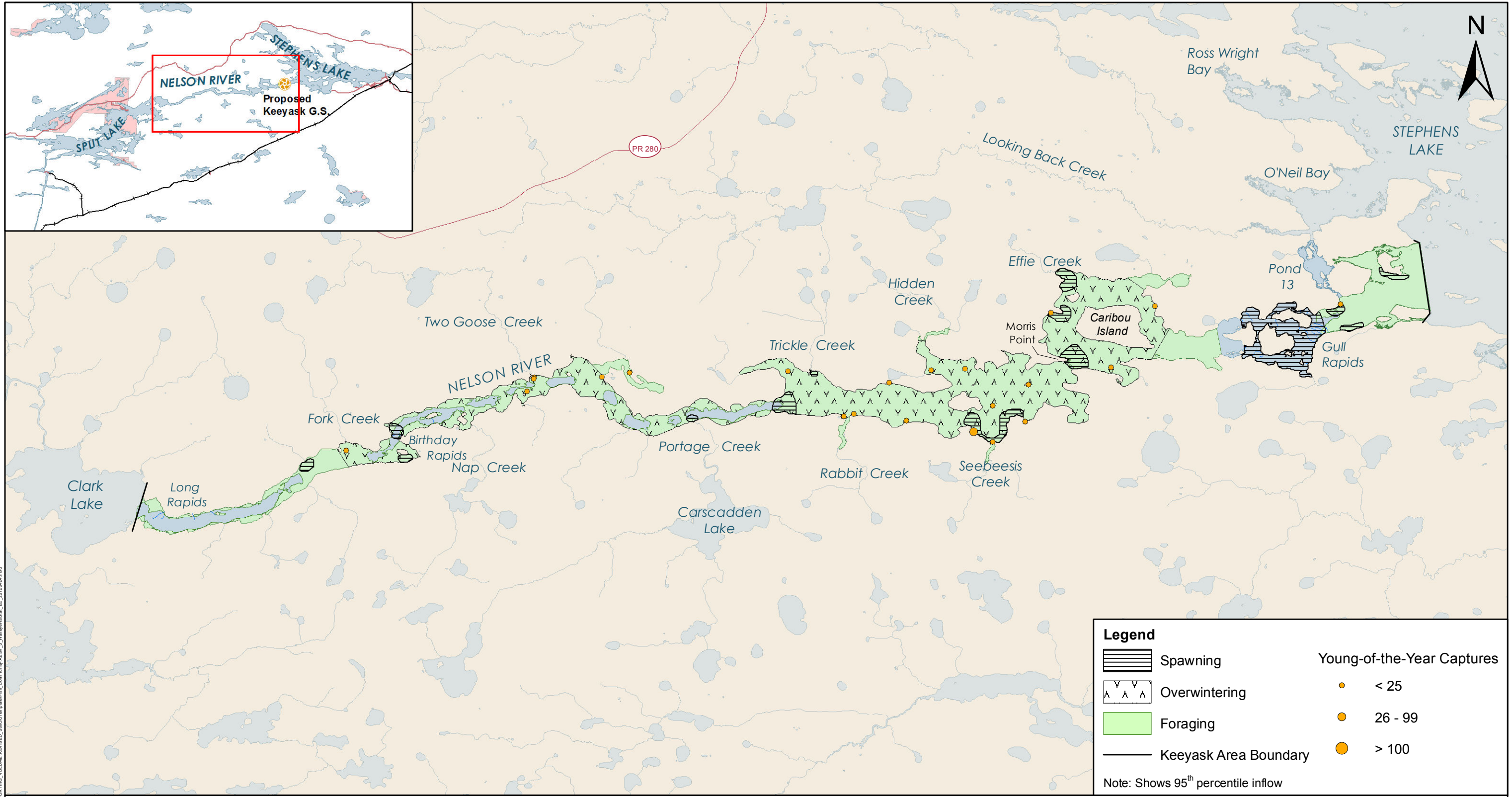
### Keeyask Area





Projection: UTM Zone 15, NAD 83  
 Data Source: NTS base 1:50 000,  
 Stephens Lake Shoreline-Quickbird@Digitalglobe, 2006  
 Nelson River Shoreline modelled by Manitoba Hydro

## Catch-Per-Unit-Effort of Nelson River Tributaries Keeyask Area

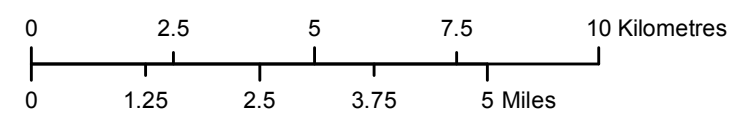


**Legend**

	Spawning		Young-of-the-Year Captures
	Overwintering		< 25
	Foraging		26 - 99
	Keeyask Area Boundary		> 100

Note: Shows 95<sup>th</sup> percentile inflow

File Location: C:\ES\Keeyask\Subarea\_Maps\SUPPORTING\_VOLUME\REVISED\_SAR\SAR\MapArea\AESV\_5\WalleyeHabitat\_EE\_201404.mxd



Projection: UTM Zone 15, NAD 83  
 Data Source: NTS base 1:50 000  
 Stephens Lake Shoreline - Quickbird@Digitalglobe, 2006  
 Nelson River Shoreline modelled by Manitoba Hydro

**Walleye Habitat**  
 Existing Environment - Keeyask Area