Project name: EM&A for Permanent Aviation Fuel Facility (PAFF)

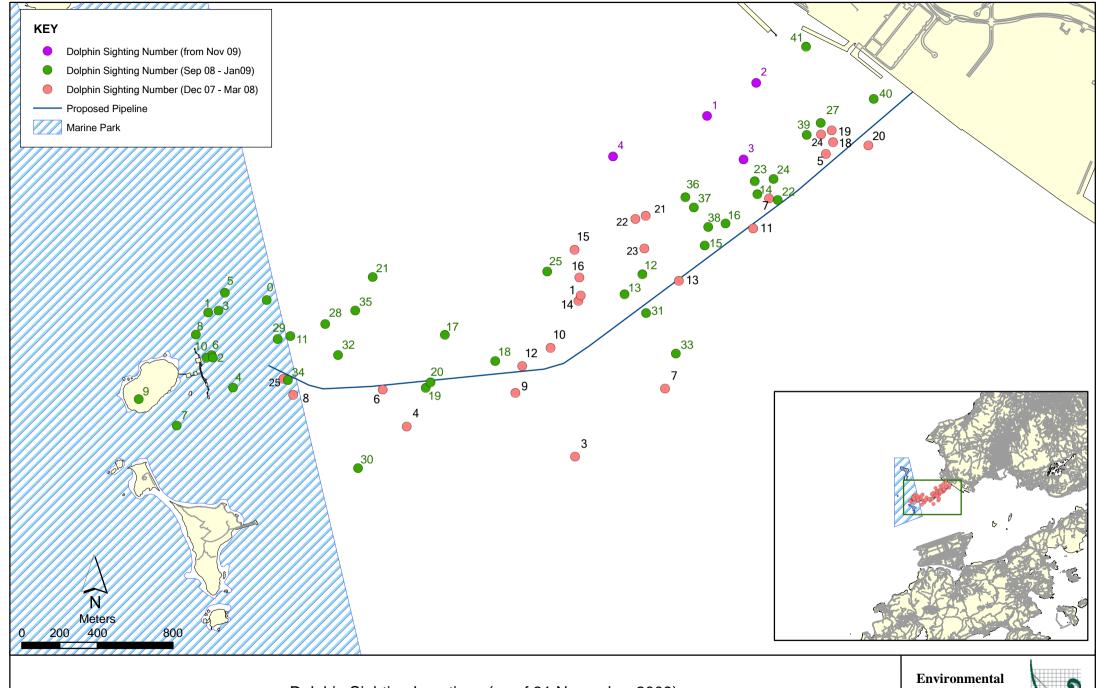
Activity: Dolphin Impact Monitoring - Tentative Schedule

*Remark: Record the number of dolphin occurrence within the 500m exclusion (A) prior to dredging and (B) during dredging OR (C) outside the exculsion zone

			Derrick Lighters #38		Derrick L	ighters #83	Grab d		
			No. of Dolphin	Sighting	No. of	Sighting	No. of Dolphin	Sighting Sheet	
Week	ek Date		Occurrence*	Sheet No.	Dolphin	Sheet No.	Occurence	No.	Observer's Name
1	Fri	13-Nov	0	-	Not in operation		Not in o	Alvin Lee	
	Sat	14-Nov	0	-	0 0		Not in o	Richard Huang	
	Sun	15-Nov	0	-	0	0	Not in operation		Richard Huang
2	Mon	16-Nov	0	-	2 (C) 1-2		Not in operation		Alvin Lee
	Tue	17-Nov	0	-	Not in operation		0	-	Richard Huang
	Wed	18-Nov	0	0	Not in operation		Not in operation		Francesca Zino
	Thu	19-Nov	1 (C)	3	Not in operation		0	-	Richard Huang
	Fri	20-Nov	0	-	Not in operation		0	-	Alvin Lee
	Sat	21-Nov	0	-	Not in operation		0	-	Richard Huang
	Sun	22-Nov	0	-	Not in operation		0	-	Alvin Lee
3	Mon	23-Nov	Not in ope	eration	Not in o	operation	0	-	Alvin Lee
	Tue	24-Nov	0	-	Not in operation		0	-	Richard Huang
	Wed	25-Nov	1 (C)	4	Not in operation		0	-	Alvin Lee
	Thu	26-Nov	0	-	Not in operation		0	-	Anson Chow
	Fri	27-Nov	0	-	Not in operation		0	-	Alvin Lee
	Sat	28-Nov	0	-	Not in operation		0	-	Richard Huang
	Sun	29-Nov	0	-	Not in o	operation	0	-	Alvin Lee
4	Mon	30-Nov	0		Not in operation		0	-	Anson Chow

Permanent Aviation Fuel Facility (PAFF) - Dolphin Sighting Records

			Dredger	Dredger	Sighting	#Sighting Angle						
Sighting			Coordinates (N. Coordinates (E-		Distance	from Dredging	Group	Group		Boat		
No.	Date	Time	Lat)	Long)	(m)	Machine (o)	size	Composition*	Beaufort	Association	Behaviour	Other comments
1	16-Nov-09	0848	825063.045	810003.667	640	278	2	Undetermined	3	None	Undetermined	Sighting at 600m during dredging
2	16-Nov-09	0939	825223.562	810220.771	600	280	1	Undetermined	3	None	Undetermined	Sighting at 640m during dredging
3	19-Nov-09	1017	825098.716	810051.912	520	250	2	1SJ, 1UA	2	None	Travelling	One sighting at 520m during dredging
4	25-Nov-09	0849	825104.661	810059.953	>1200	262	2	Undetermined	2	Shrimp	Feeding	One sighting at >1.2km from vessel during dredging
*Key:			# Compass bearing is used (North = 0 degree)									
UC = Unspotted Calf UJ = Unspotted Juvenile SJ = Spotted Juvenile												
SS = Spotted Sub-adult SA = Spotted Adult UA = Unspotted Adult												



Dolphin Sighting Locations (as of 31 November 2009)

Environmental Resources Management

