	Reference	Duration			2		200					1					2006					r				2007					1				2008					T	2009						
	Legend*	(Month)	1	2	3 4	5	6	7	8 9	10	11 1	2 1	2	3	4	5	6 7	1 8	8 9	10 1	1 12	1	2 3	4	5	6 7	8	9	10	11 12	1	2	3 4	5	6	7	3 9	10	11	12	1 2	3	4	5	6 7	8	9
te Clearance & Set up Site Office		1.5		-			1.5 mont						_	_		-																_										-		-	_		_
age I/II		-	_		_				_			_									_					_	_										_				_				+		+
eturn Activated Sludge (Stage I/II) -Modification works to the RAS withdrawal system	33	6																											6 month																+	+	=
version of Pipeworks at stage I/II	6	6			_			-					6 month	15							_						_										_				_				+		+
instruction of Final Clarifiers (2 no.)	6	14		_	_			_			_	_										i an i		14 mont	ths	_	_		_	_			_		_	_	_				_		_	_	+	—	+
3R		8		-		-		-							_	_								8 month	hs				_				_		-	_		-		_			-	_	+	_	+
ovision of Pipework for Supernatant		3						-				_		_		_		-						3 month	hs	_	-		_				_		-			-					_		+	—	+
dification of inter-connection pipeline for under wage between Stage I/II and stage IV inlet works		4		_	_				_						-				4	months	_					_	_																		-	=	Ŧ
ovision of inter-connection pipeline for sludge tween stage I/II and stage IV digestion tanks		8																					8 mo	nths																					+	+	+
age IV					_																																				_		_		+		+
rit removal unit - modification works for 2 new vortex grit removal units	3	8															8 m	onths																											+	-	=
econstruction of Final Clarifiers (Phase 1) - FST no. 6	6	15																	15 month	s																									+	-	=
econstruction of Final Clarifiers (Phase 2) - FST no. 4 & 5	6	13.75			_																										13.75.n	onths													+	+	=
econstruction of Final Clarifiers (Phase 3) - FST no. 1, 2 & 3	6	15.75																																											15.7	75 months	ns
udge treatment building (both Stages) - Sludge Dewatering House	31	15																				15 mont	hs																						+	+	+
- SAS thickening House	7	15	_		_																				15 months		_					_					_				_				+		+
nary Sludge Thickener Construction of gravity thickener	16	12		_	-				_						-			+		_	+										12 mon	lhs					-								+	+	ŧ
construction of flexible pavement (both Stages)		8.5	_			-											_	-								_	-										_	-							_		.5
pe works from FSTs to outlet	6	12			-	-	+ +	_						_	_	_					-	+ +		+			-	-			1			-			-	-				+			$\rightarrow$	+	+-

DRAFT (as on 14.4.2004)

## **Programme of Stage V Phase 2**

A	Reference	Duration		2007						2	008								2009				
Activity	legend *	(Month)	8	9 10	11 12	1	2 3	4	5	6	7 8	9	10	11	12	1	2 3	4 5	6 7	8 9 10	11 12	1 2 3	4 5
Site Clearance & Set up Site Office	A	1.5					1.5 months																
· · · · · · · · · · · · · · · · · · ·																							
Stage I/II																							
Stage 1/11																							
Modification of Screen Unit	2	5													5 mont	he							
- Reduce Bar Spacing from 15mm to 12mm	2	5													5 110111	115							
- Reduce Bai Spacing from 15mm to 12mm																							
Reconstruction of Pipeline System Connecting	8	9												9 month	he								
	0	9												9 1101111	115								
to the RAS Pumping Station																							
		2																0	h -				
RAS Pipeline between Stage I/II and Stage V		3																3 mont	ins				
with Connection to the Thickening and																							
Dewatering facilities																							
Upgrading of Digested Sludge Pipeline		3							3 mont	hs													
between the Dewatering House of Stage I/II to																							
the Digesters of Stage IV																							
Provision of Compressed Air Pipe between		3									3 mont	hs											
the Blower House of Stage 1/11 and Stage 1V																							
Replacement and Modification of Methane Gas		3												3 month	hs								
Pipe for Gas Holders between Stage I/II and																							
Stage IV																							
Provision of Washwater Rings for Stage I/II and		3															3 months						
Stage IV																							
0																							
Stage IV																							
Modification of Screen House		7										7 mont	he										
- modification of existing channel		'										7 110111	115										
- mourrication of existing channel																							
Primary Settlement Tank (1 no.)	4	11																					11 months
- PST no. 5 and associated distribution chambers																							
Aeration Tank	5	14																14 months					
- aeration tank with upper floor for housing blo	owers																						
-transformer room																							
Construction of Aeration Tank No. 6,7	5	18																		18 months			
Installation of air main to aeration tank	5	3																		3 months			
Mixed Liquor Channel	25	6																			6 months		
Construction of Final Clarifiers	6	13									1						13 mor	ths		19 months			
-FST no. 11 & 12	Ŭ																10 1101						
-151 10. 11 & 12																							
Reconstruction of Final Clarifiers	6	16																					
-FST no. 7, 8, 9 & 10																							
Primary Sludge Thickeners	16	10																	10 months				
- Construction of gravity thickener																							
Sludge Digestion Tank & Gas Holder Support	9 & 11	9																		9 months			
UV Channel	24	6	1																				
		-														1							
Commissioning of Plant		4	1																				
Commissioning of Finn		-7						-	-	-						1							
	I	1	1			1		1		1		1		1		1							



## (As on 14.4.2004)