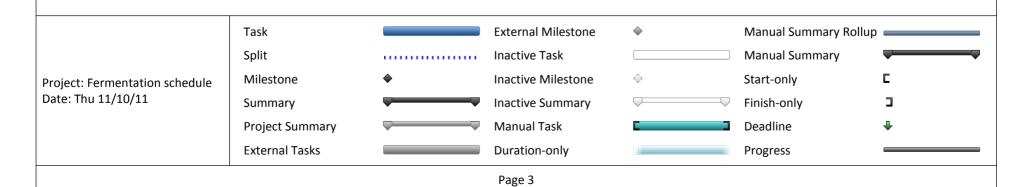
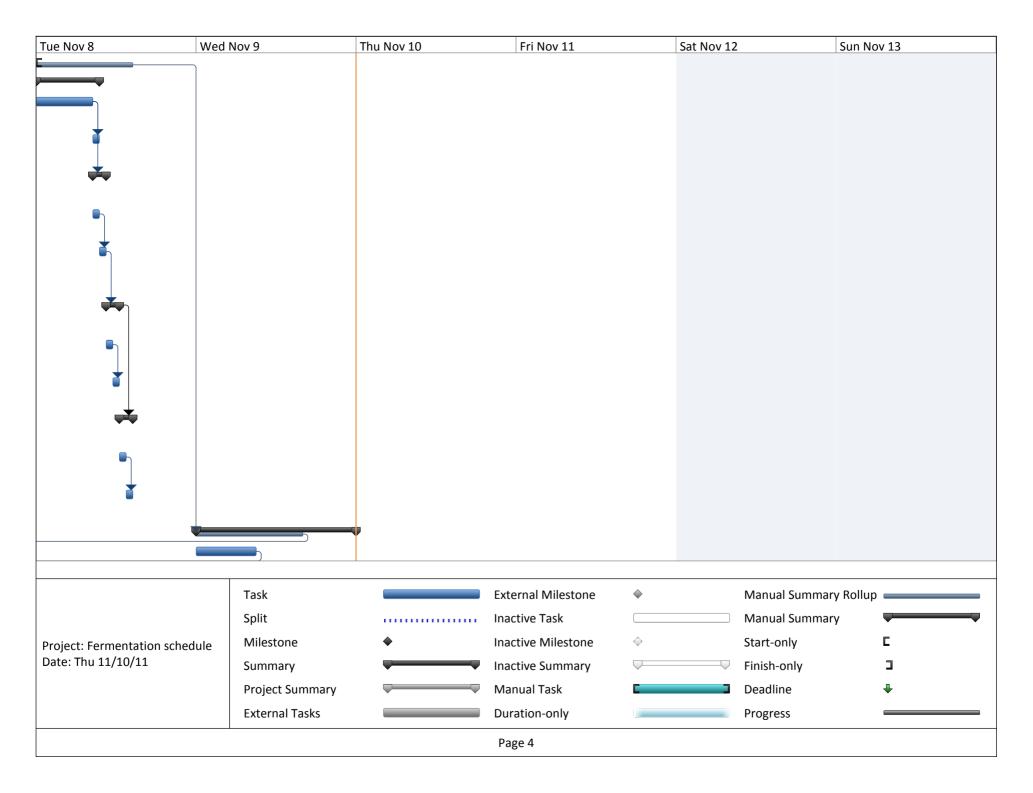
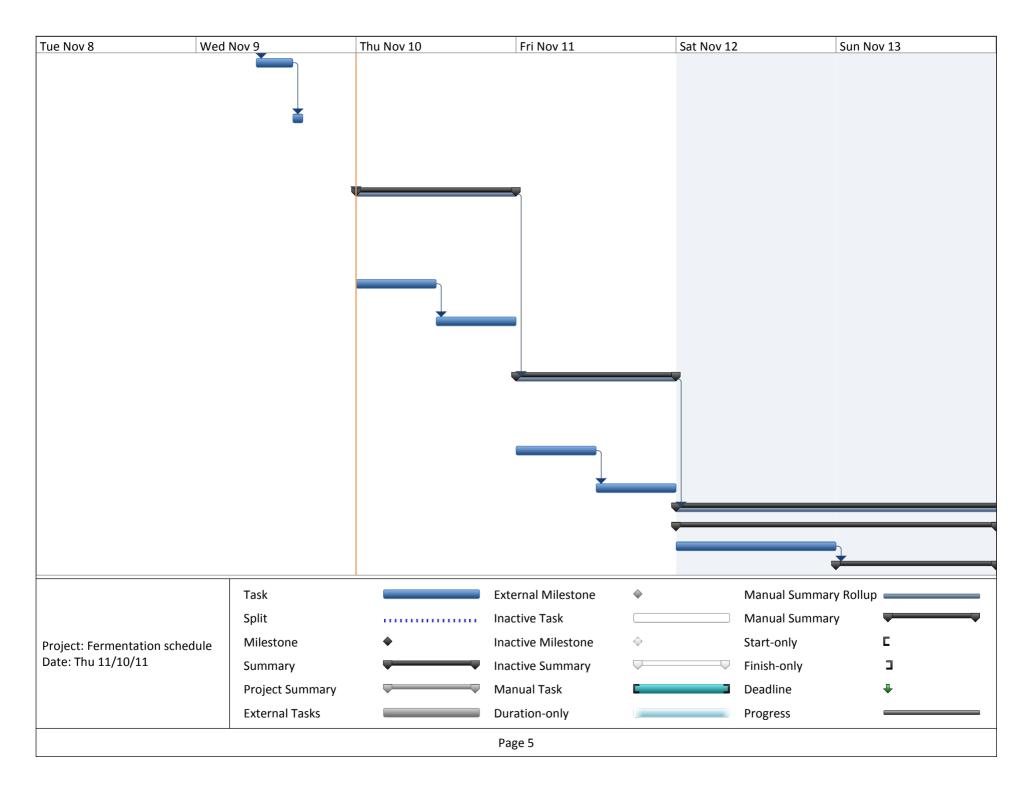
)	0	Task	Task Name		Duration	Start		Predecessors	Mon Nov 7	7 T	ue Nov 8
1		*2	Preparation	n of solutions	first day	Tue 11/8/11	Wed 11/9/11			=	-
2		3	pH adju	stment Hz	0.06 days	Tue 11/8/11	Tue 11/8/11			<b>-</b>	
3		3		rate pH meter djust Hz pH	30 mins	Tue 11/8/11	Tue 11/8/11				
4	<b></b>	3	Steril cultu	ize flasks for re	1 hr	Tue 11/8/11	Tue 11/8/11	3			
5		3	Prepare magnes	1 M ium Sulfate	0.08 days?	Tue 11/8/11	Tue 11/8/11	3			*
6		3	Add v Tank	vater to Prep	1 hr?	Tue 11/8/11	Tue 11/8/11				
7				nagnesium e to water and	1 hr?	Tue 11/8/11	Tue 11/8/11	6			
8		3	Prepare Stock so	Trace Metals blution	0.08 days?	Tue 11/8/11	Tue 11/8/11	7			
9		₽	Add v Tank	vater to Prep	1 hr?	Tue 11/8/11	Tue 11/8/11				
10		3		race metals to	1 hr?	Tue 11/8/11	Tue 11/8/11	9			*
11		3	Prepare the Antifoam Solution Add water to Prep Tank		0.08 days?	Tue 11/8/11	Tue 11/8/11	8			<b>—</b>
12		3			1 hr?	Tue 11/8/11	Tue 11/8/11				
13		3		intifoam to r and mix	1 hr?	Tue 11/8/11	Tue 11/8/11	12			Ť
14		*	Start Seed	growth	1 eday	Wed 11/9/11	Thu 11/10/11	1			
15		3	Start cu	lture flasks	1 hr	Wed 11/9/11	Wed 11/9/11				
				Task			External Milestor	ne 🔷		Manual Summary Ro	ollup
Project: Fermentation schedule Date: Thu 11/10/11  Split  Milestone  Summary					Inactive Task			Manual Summary			
			<b>♦</b>		Inactive Mileston	e $\diamondsuit$		Start-only	С		
			Summary			Inactive Summar			Finish-only	3	
		Project Summar	v 🖵		Manual Task			Deadline	₽		
			External Tasks	•		Duration-only			Progress	·	

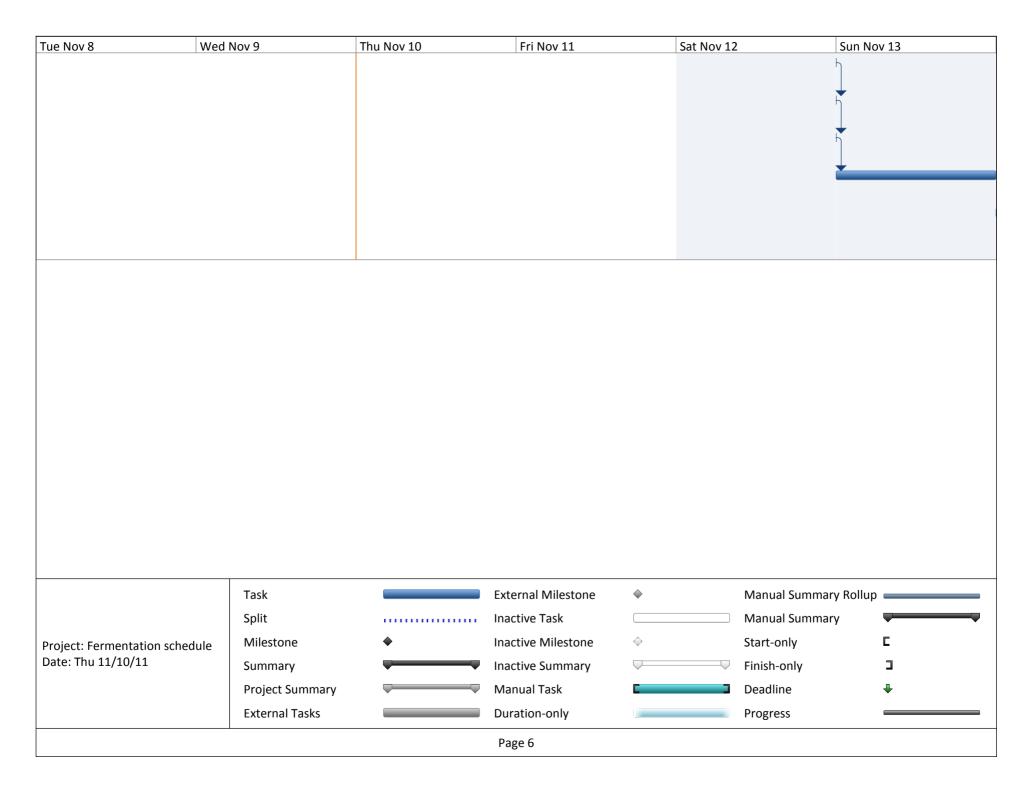
D	0	Task	Task Name	2	Duration		Finish	Predecessors	Mon Nov	7 T	ue Nov 8
16		3	primar	ustment Hz in y propagator gator 2)	5.5 hrs		Wed 11/9/11				
17		₽	and ma	se trace metals agnesium sulfate naller tanks	1.5 hrs	Wed 11/9/11	Wed 11/9/11	16			
18		त्री	(Propaga	nary propagator tor 2) and econdary or (Propagator	1 eday	Thu 11/10/11	Fri 11/11/11	14			
19		3	Inocula propag		4 hrs	Thu 11/10/11	Thu 11/10/11				
20		3	second	ustment Hz in ary propagator gator 3)	5.5 hrs	Thu 11/10/11	Thu 11/10/11	19			
21		₹ <sup>†</sup>		ondary or (Propagator art pretreatment	1 eday	Fri 11/11/11	Sat 11/12/11	18			
22		3	Inocula	•	4 hrs	Fri 11/11/11	Fri 11/11/11				
23		3			8 hrs	Fri 11/11/11	Fri 11/11/11	22			
24		*	Fermenta	ition	5 edays	Sat 11/12/11	Thu 11/17/11	21			
25		3	Start fe	ermentation	1.54 days	Sat 11/12/11	Sun 11/13/11				
26		3	Start	liquefaction	12 hrs	Sat 11/12/11	Sat 11/12/11				
27		3	Fill f	ermentor	1.04 days	Sat 11/12/11	Sun 11/13/11	26			
				Task			External Milesto	ne 🔷		Manual Summary R	ollup
				Split			Inactive Task			Manual Summary	<b>—</b>
Droige				Milestone	<b>♦</b>	1	Inactive Milestor	ne �		Start-only	C
-	Date: Thu 11/10/11 Summary					Inactive Summar			Finish-only	3	
			Project Summary	, —		Manual Task			Deadline	<u> </u>	
			External Task		_		Duration-only			Progress	•
	LACCITICI TOSKS			Executar rusks							
							Page 2				

ID	0	Task	Task Name	Duration	Start	Finish	Predecessors	Mon Nov 7	Tue Nov 8
28		3	fill pH adjustment tank'	1 hr	Sat 11/12/11	Sat 11/12/11			
29		3	start fill fermentor	2.5 hrs	Sat 11/12/11	Sat 11/12/11	28		
30		3	inoculate fermentation	2 hrs	Sat 11/12/11	Sun 11/13/11	29		
31		3	finish filling fermentor	19.5 hrs	Sun 11/13/11	Sun 11/13/11	30		
32		₽	Continue fermentation	3 days?	Sun 11/13/11	Wed 11/16/11	25		
33		=	Clean up	1 day	Thu 11/17/11	Fri 11/18/11	24		









Ion Nov 14	Tue Nov 15	Wed Nov 16	Thu Nov 17	Fri Nov 18	Sat	: Nov 19
	Task		External Milestone	<b>♦</b>	Manual Summary Ro	ollup ————
	Split		Inactive Task		Manual Summary	
ect: Fermentation schedu	le Milestone	•	Inactive Milestone	$\Diamond$	Start-only	
e: Thu 11/10/11	Summary		Inactive Summary		Finish-only	<b>3</b>
	Project Summary		Manual Task		Deadline	•
	External Tasks		Duration-only		Progress	

