

SAMPLE CALENDAR OF MONTHLY MONITORING ACTIVITES

Description of sample	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
Visual Inspections												
Production area:												
Waste storage areas	W	W	W	W	M	M	M	M	W	W	W	W
Freeboard	W	W	W	W	M	M	M	M	W	W	W	W
Storm water containment structures	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN
Photgraphs of ponds	1M	1M	1M	1M	1M	1M	1M	1M	1M	1M	1M	1M
Land application areas:	DA	DA	DA	DA	DA	DA	DA	DA	DA	DA	DA	DA
Nutrient monitoring												
Process wastewater applications												
Volume & date				DA	DA	DA	DA	DA	DA			
Field & laboratory analyses					1			1				
General minerals							1					
Manure applications												
Volume/density OR weight/moisture	DA	DA	DA	DA	DA	DA	DA	DA	DA			
General minerals							1					
Laboratory analyses							2					
Total applied							1					
Manure exports												
Volume/density OR Weight/moisture	Ea	Ea	Ea	Ea	Ea	Ea	Ea	Ea	Ea	Ea	Ea	Ea
Laboratory analyses	Ea	Ea	Ea	Ea	Ea	Ea	Ea	Ea	Ea	Ea	Ea	Ea
Total applied							1					
Plant tissue												
Yield (volume/density OR weight/moisture)	H	H	H	H	H	H	H	H	H	H	H	H
Laboratory analyses	H	H	H	H	H	H	H	H	H	H	H	H
Total nitrogen	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN
Soil												
Total phosphorus							1/5					
Irrigation water												
Volume, source, date	Ea	Ea	Ea	Ea	Ea	Ea	Ea	Ea	Ea			
EC and total nitrogen (for each source)*		1			1			1				
Unauthorized discharges												
Manure and/or process wastewater												
Date, time, volume, duration, location, source, destination**	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN
Field measurements**	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN
Laboratory analyses**	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN
to Surface water												
Field measurements**	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN
Laboratory analyses**	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN
Storm water to surface water from production area												
Date, time, volume, duration, location, source, destination**	AN	AN	AN							AN	AN	AN
Field measurements**	AN	AN	AN							AN	AN	AN
Laboratory analyses**	AN	AN	AN							AN	AN	AN

Description of sample	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
Storm water to surface water from land application area***												
Date, time, volume, duration, location, source, destination		1									1	
Field measurements		1									1	
Laboratory analyses		1									1	
Tailwater to surface water from land application area****												
Date, time, volume, duration, location, destination				Ea	Ea	Ea	Ea	Ea	Ea			
Field measurements				Ea	Ea	Ea	Ea	Ea	Ea			
Laboratory analyses (first post-application discharge only)				AN	AN							

W Weekly

M Monthly

AN As needed - event driven

1M 1st of the month

DA During application

1 Once during period

2 Twice during period

Ea Each event (ie: offsite export, irrigation event, etc.)

H At harvest

1/5 Every 5th year beginning 2008

* Once per irrigation season during an irrigation event

** Daily during each discharge

*** First storm event of wet season and during peak storm season (February) from 1/3 of land application areas on a rotating annual basis

**** Each discharge where irrigation has occurred less than 60 days after application of manure and/or process wastewater