

**Industrial Stormwater Advisory Committee
September 15, 2010 Meeting
Draft Monitoring Requirements**

	Current Requirements	Draft Requirements	Reasons for change
Monitoring frequency	<ul style="list-style-type: none"> Grab Samples- 4 times per year. Samples must be at least 14 calendar days apart. Visual Observations-monthly when discharging 	No changes made	N/A
Sampling Timing	<ul style="list-style-type: none"> No requirements 	<ul style="list-style-type: none"> Collect samples during first 12 hours of the storm event Monitoring preceded by 24 hr. dry period Collect one sample during the first fall storm event 	Made change to reflect EPA and Ecology requirements.
Pollutant Parameters	Statewide Benchmarks	Statewide Benchmarks	No change to parameters, but concentrations may change
	Visual Observations-floating solids and oil and grease sheen	Visual Observations expanded: color; odor; clarity; floating solids; settled solids; suspended solids; foam and oil and grease sheen	Made change to reflect EPA requirements
	Federal numeric effluent limits	Federal numeric effluent limits may be expanded	EPA and Ecology have more ELGs listed in their permits. DEQ may need to expand ELGs listed in the permit.
		Added Sector Specific Benchmarks	Made change to reflect EPA requirements
		Added Impairment pollutants	Made change to reflect EPA requirements
Added Additional Pollutants <ul style="list-style-type: none"> Statewide: cadmium, chromium, nickel; and PAHs Sector Specific: PCBs and mercury for Sector N (scrap and waste recyclers) 		Purpose of monitoring is to determine if pollutants are present. Data will be used to determine if benchmarks will be developed in the next permit cycle (est. 2016)	

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Sampling Method	Collect grab samples for statewide benchmarks and federal numeric effluent limits	<ul style="list-style-type: none"> • Benchmarks, Impairment Pollutants and Additional Pollutants: <ul style="list-style-type: none"> ○ For the first two years of permit coverage, collect grab composite samples, if practicable. ○ For the remainder of permit cycle, collect single grab samples. ○ If obtain waiver only monitor for first year of permit. • Federal numeric effluent limits: collect single grab samples 	Requiring grab composite samples for first two years of the permit to gather data that is more representative of discharge. Grab composite samples are three district grab samples that are equal in volume and collected during the duration of the storm event. If it is not practicable to collect a grab composite sample, then collect a single grab sample.
Waiver	<ul style="list-style-type: none"> • Applies to benchmarks 	<ul style="list-style-type: none"> • Applies to benchmarks and impairment pollutants • Allowed for inactive or unstaffed where no industrial materials or activities are exposed to stormwater 	Made change to reflect EPA requirements
Variance	Allowed when no discharge from site due to lack of rain	Allowed when no discharge from site due to lack of rain or use of retention system	<ul style="list-style-type: none"> • Clarified that there are two instances where facilities can request a waiver: when no discharge from site due to infrequent storm events or if they have installed retention or other type of treatment systems. • Clarified that facilities are not required to formally request a variance, but must report in DMR that no discharge occurred.