

1 STORM WATER POLLUTION PREVENTION PLAN CONTENTS

The following elements are required when developing a Storm Water Pollution Prevention plan.

Plan Preparer (P) and Reviewer (R) must initial one of three boxes:						
Yes – Required component is included in the plan as a map and/or within documentation						
No – Required component is not included in the plan as a map and/or within documentation.						
N/A – Required component is not applicable to this site. Documentation must state the reason that required component is not applicable						
Yes	No		NA		Required Plan Component	
P	R	P	R	P	R	<i>NARRATIVE ELEMENTS</i>
						<u>Letter of Transmittal</u> : A brief description of the nature and purpose of the land disturbance activity including: the surface area involved, excess spoil material, and use of borrow material.
						<u>Name and Telephone Number</u> : The name and telephone numbers of the individuals responsible for plan preparation, plan implementation and erosion control device installation and maintenance.
						<u>Description of Neighboring Properties</u> : Description of which neighboring properties will be affected by the proposed plat and the direct and/or indirect impact
						<u>Stabilization Methods</u> : Description of methods used in temporary and final stabilization including those used to stabilize soil stockpile areas
						<u>Potential Pollution Sources</u> : Identify all potential sources of pollution that may be expected to affect the quality of storm water.
						<u>Sequence and Timing</u> : A description of the sequence and timing of the activities that disturb soil at the site.
						<u>Post Construction Discharge Control</u> : Description of the post construction storm water management measures that will be installed during the construction process that will be used to control pollutants in storm water discharges after construction operations have been completed.
						<u>Waste Material Storage</u> : Description of the hazardous, construction and other waste materials expected to be stored on-site
						<u>Endangered Species</u> : Documentation supporting a determination of permit eligibility with regard to endangered species
						<u>Historic Properties</u> : Documentation supporting a determination of permit eligibility with regard to historic properties
						<u>Existing Site Conditions</u> : A description of the pre-construction topography, vegetation and drainage.
						<u>Soils</u> : A brief description of the surface soils on the site.
						<u>Critical Areas</u> : A description of areas within the developed site that have potential for serious erosion or sediment problems.
						<u>Maintenance</u> : A schedule of regular inspections and repairs of erosion and sediment control structures, and the person responsible for maintenance for the duration of the permit.
<i>MAP ELEMENTS</i>						
						<u>General Location map</u> : A general location map with north arrow, scale, and site location in relation to surrounding areas.
						<u>Property Boundaries</u> – show property, lot lines, section lines and adjacent plats.
						<u>Contours and Drainage</u> - Existing and proposed final contours, including dividing lines and direction of flow for all pre and post-construction storm water runoff drainage areas located within the project limits.
Yes	No		NA			

					<u>Elevation and Grade</u> – street and ditch grades, pond, wetland, lake NWL and HWL.
					<u>Erosion Control BMPs</u> - Location and type of all temporary and permanent erosion; prevention and sediment control BMPs including: silt fence, inlet protection, fiber blanket, stabilized construction entrances, etc...
					<u>Critical Erosion Areas</u> – show areas with potential for serious erosion problems.
					<u>Phased Construction</u> – Phased construction areas and areas not to be disturbed.
					<u>Impervious Surfaces</u> - Site plan must include impervious surfaces.
					<u>Soil Types</u> – Site plan must include soil types
					<u>Surface Waters</u> – All surface waters, including wetlands, public waters, tribal waters, natural and artificial water storage and retention areas, protected waters and their individual 100-year flood elevations and wetland boundaries.
					<u>Floodplains</u> – 100 year floodplains, within ½ mile, shall be shown on the site plan, including regulatory floodplains as defined in the floodplain zoning ordinance.
					<u>Structural and Nonstructural Controls</u> – Locations of major structural and nonstructural controls.
					<u>Flow Direction and Approximate Slopes</u> – Directions of storm water flow and approximate slopes anticipated after major grading activities.
					<u>Current and Future Storm Water Inlet and Discharge Points</u> – Current discharge points that may be impacted by the site disturbance, and proposed storm water inlets and discharge points.
					<u>Existing Tile Lines</u> – Show existing tile lines
					<u>Miscellaneous Locations</u> – Off-site material, waste, borrow or equipment storage areas.
					<u>Ground Water Sensitivity</u> – Areas identified as being highly susceptible to ground water contamination
					<u>Existing Vegetation:</u> A clear and definite delineation of any areas of vegetation or trees shrubs, grass, and unique vegetation to be saved.
					<u>Soil Stockpiles and Sediment Ponds</u> – Show soil stockpile areas and temporary sediment ponds.
<i>DETAIL ELEMENTS</i>					
					<u>Final Site Stabilization:</u> Design details describing the methods used to ensure final site stabilization. This will include the vegetative means used to obtain 70% ground cover before perimeter controls are removed.
					<u>Vegetation Specifications</u> - Construction specifications that define specifications and rates for landscaping, grass seed, fertilizing, mulch anchoring methods and time requirements for permanent seeding
					<u>Structural Design:</u> - Design details for both temporary and permanent erosion control and retention structures
					<u>Best Management Practices</u> - Standard plates of best management practices such as erosion control blankets, energy dissipaters, grass lined channels, sediment barriers, and storm sewer inlet protectors
					<u>Maintenance Program:</u> Inspection schedule and instructions for sediment removal and disposal and for repair of damaged structures
					<u>Construction Schedule:</u> A chronological construction schedule and time frame starting with clearing, grubbing and erosion control and ending with permanent stabilization

ADDITIONAL PLAN REQUIREMENTS FOR PROJECTS WITH STORMWATER MANAGEMENT CONTROLS

Yes	No	NA	Required Plan Component		
DESIGN ELEMENTS					
					<u>Floatable Skimmers</u> – included on outlet of wet detention ponds. Show construction details on plan.
					<u>Stormwater Management Controls</u> - The design of all stormwater management facilities necessary to manage increased runoff so that the 2-year, 10-year and 100-year storm peak discharge rates from the property boundary shall not exceed pre-development conditions that existed prior to the adoption of SMSC Erosion Control Ordinance
CALCULATIONS					
					<u>Wet Detention Ponds</u> – Ponds used for nutrient removal and peak discharge rate control. Show calculations for estimated inflow and outflow, permanent and temporary storage volumes, mean depth, outlet design, downstream stabilization and emergency spillway
					<u>Drainage Calculations</u> – show calculations for 2,10 and 100 year peak discharge rates comparing existing and proposed conditions
					<u>Runoff Curve Numbers and Time of Concentration Values</u> – detailed breakdown of existing and proposed curve numbers and time of concentration values
FIGURES					
					<u>Soils</u> - Soils map showing soil boundaries, including mapping unit, and hydrologic group
					<u>Wet Detention Ponds</u> – location of new wet detention ponds including location of inflow, outflow, NWL, HWL, emergency spillway, pond profile and cross section
<p>The Business Council, upon the advice of the Land and Natural Resources Manager and Community Engineer, may require any additional information or data deemed appropriate and/or may impose such condition thereto as may be deemed necessary to ensure compliance with the provisions of the Tribal Manual of Approved Erosion Control and Storm Water Management Practices; and to protect the natural resources of the Community.</p>					
<p>I understand that any and all inspections may be withheld if the erosion, sediment and storm water control measures are not installed and maintained as described in the Erosion and Sediment Control Plan and/or the Storm Water Pollution Prevention Plan. I understand that the tribe may issue stop work orders and/or monetary penalties as enforcement measures. I understand that if the control measures are not installed and maintained properly the tribe may complete the work at the expense of the Permittee (s) overseeing the site disturbance.</p>					
Signature and title of Plan Preparer:			Date:		Signature of Plan Reviewer:
_____			_____		_____
Signature of contractor or subcontractor overseeing site disturbance:				Date:	
_____				_____	