



Environmental Management Strategy

DEPARTMENT OF NATURAL RESOURCES

CONFEDERATED TRIBES OF COOS, LOWER UMPQUA & SIUSLAW INDIANS

Air Protection

	Five Year Plan					
	2016	2017	2018	2019	2020	2021
Air Equipment will be maintained						
Continue Air Protection Capacity						
Update Air QAPP (3 year cycle) last update 2015						
Draft Air Protection Program Plan						
Air Protection Program Plan Approval						
Indoor Air Outreach Materials						
Build Title V review protocol						
Build Title V capacity						
Air Quality conferences, meeting & trainings						
Uploading Air data to AQS (monthly) as well as made publically available						
Continued Ambient Air monitoring (MET, PM 2.5)						
Provide Tribal Consulting and Review of Air permits, actions and activities						
Outreach - Air Quality - Tribal Member and Youth outreach						
Provide technical and scientific support to council and strengthen tribal member involvement in natural resource protection						
Review and Update of ETEP						

Water Protection

Five Year Plan					
2016	2017	2018	2019	2020	2021

Water Quality data will be analyzed and summarized -Water Quality Assessment Report (annually)						
continue Water Protection Capacity						
Update Water QAPP (3 year cycle) last update 2015						
Stakeholder meetings						
Outreach - Water Quality - Tribal Member and Youth Activities						
WQ monitoring (outlined below)						
Water Quality equipment will be maintained						
Uploading and Exporting water quality data to CDX-WQX (Discrete WQ and Bacteria data)						
Provide technical review of water related permits, proposed actions, and ongoing activities						
Water Quality conferences, meeting & trainings						
Provide technical and scientific support to council and strengthen tribal member involvement in natural resource protection						
Review and Update of ETEP						

	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Continuous WQ monitoring in Coos Bay												
Continuous WQ monitoring in Siuslaw River												
Bacteria monitoring in Coos and Siuslaw (grab samples)												
Temperature monitoring Sixes River												
WQ monitoring in the Sixies River-Seasonal (grab sampling)												
Nutrient sampling in Coos Bay-Seasonal												
Nutrient sampling in Siuslaw River-Seasonal												
Nutrient sampling in Sixes River- Seasonal												
Nutrient sampling in Tenmile Lakes system- Seasonal												
Toxic Algal testing, seasonally in 10 Mile Lake												

Water Quality monitoring= Temperature, Turbidity, pH, Salinity, Conductivity, Depth
 Bacteria sampling= Total Coliforms, E. Coli and Enterococcus (for higher salinity systems)
 Toxic Algae sampling= [species]

Environmental Assessment & Clean-up on Tribal Lands

Five Year Plan

Note: this actions are in correlation with the reacquisition of Tribal lands

2016 2017 2018 2019 2020 2021

Development of env. assessments and clean-up programs						
review and implantation of existing clean-up programs						
Review and Update of ETEP						

Non-Point Source Pollution

Five Year Plan

2016 2017 2018 2019 2020 2021

continue Non-Point Source Pollution Capacity						
Tribal Integrated Waste Management Plan- update						
Tribal Integrated Waste Management Plan- implement						
Stakeholder meetings						
Outreach - NPSP - Tribal Member and Youth outreach						
Review and Update of ETEP						

Environmental Capacity Building

Five Year Plan

2016 2017 2018 2019 2020 2021

Note: all of the programs have continuous capacity building throughout the next 5 years

Climate Change

Five Year Plan

2016 2017 2018 2019 2020 2021

Develop Emergency Preparedness Team					
Build Emergency Preparedness Capacity					
Develop Outreach Materials					
Develop Training					
Implement outreach & training (annually)					

Emergency Preparedness

	Five Year Plan					
	2016	2017	2018	2019	2020	2021
Develop Emergency Preparedness Team	█	█				
Build Emergency Preparedness Capacity		█	█			
Develop Outreach Materials		█	█			
Develop Training		█	█			
Implement outreach & training (annually)			█	█	█	█

Marine Protection

	Five Year Plan					
	2016	2017	2018	2019	2020	2021
Marine Protection Capacity	█	█				
Draft Marine Protection Program Plan			█	█		
Marine conferences, meeting & trainings		█	█	█	█	█

Habitat & Riparian Restoration

	Five Year Plan					
	2016	2017	2018	2019	2020	2021
Native Plant Nursery						
Restoration Capacity- position						
Restoration Capacity-training/meetings						
Prioritization of Ancestral Lands/Tribal Lands						
Develop restoration plan-includes reasoning/refs						
Tribal Restoration Projects- development						
Tribal Restoration Projects- implementation						

Toxics

Note: Air, Water, NPS, and TRP all have toxic monitoring components, which is included in their assessment and monitoring aspects

	Five Year Plan					
	2016	2017	2018	2019	2020	2021
Air and Water Toxics Monitoring , Mitigation and Management						
continue Toxics assessment and mitigation capacity building						
Review and Update of ETEP						