



Active Contracts for 2018-2019 WRAP Workplan Regional Analysis Effort September 14, 2018 report



Contractor Name	Contract #	Activities	Amount	Funding Source
Colorado State University / CIRA	18-04	Regional Haze TSSv2 development	\$ 10,905	EPA grant for WRAP activities
Ramboll Environment	18-05	OGWG Emission Inv Road Map #1 of 2	\$ 250,000	Regional Analysis funds - WESTAR-WRAP state air programs
Ramboll Environment	18-06	Regional Haze Planning Readiness	\$ 64,000	IWDW-WAQS grant funds to WESTAR from NPS Task 3
Air Sciences	18-07	Fire & Smoke WG workplan tasks	\$ 25,000	Regional Analysis funds from WESTAR-WRAP region state air programs
Ramboll Environment	18-08	OGWG Emission Inv Road Map #2 of 2	\$ 82,696	
Air Resource Specialists	18-09	Regional Haze Data Analysis	\$ 150,000	
			\$ 35,000	
Total Active			\$ 617,601	

Contracts “on-the-way” for 2018-2019 WRAP Workplan Regional Analysis Effort

Contractor Name	Contract #	Activities	Amount	Funding Source
Northern Arizona University / Institute for Tribal Environmental Professionals (ITEP)	tbd	Tribal Data WG workplan tasks	\$ 72,826	Regional Analysis funds from WESTAR-WRAP state air programs
Colorado State University / CNEE	tbd	EGU Emissions Analysis Project Phase I	\$ 50,000	WEST Associates
tbd	tbd	Regional Modeling and Analysis Platform	over \$1m	~ 40% - IWDW-WAQS funds at WESTAR from NPS ~ 60% - Regional Analysis funds from WESTAR-WRAP states

Contracts for WRAP Workplan Projects (limited to OGWG at this point)

Contractor Name	Contract #	Activities	Amount	Funding Source
John Bunyak	Bunyak-14A1	manage multi-agency NO ₂ Drill Study	\$ 35,760*	Drill Rig NO ₂ Study task in WESTAR-BLM grant
Earth System Sciences	18-03	Analysis of field study data from Colorado and Alaska sites	\$26,000	Drill Rig NO ₂ Study task in WESTAR-BLM grant

* funds remaining, multi-year contract