

Target Year	Result with fixed secondary PM	Comment	2010 Days > 35 (98%tile = 6)	2011 Days > 35 (98%tile = 7)	2012 Days > 35 (98%tile = 5)	2013 Days > 35 (98%tile = 7)	2014 Days > 35 (98%tile = 6)
2018	12.14	Base run: all control factors = 1. DV goes down from 12.39 to 12.14ug/m3 due to onroad emission reduction realized by new vehicle standard and future fuel regulation.	9	17	5	16	13
2018	11.25	Only 101 Changeouts - no open burning or RWC curtailment 101 woodstove changeouts (21 past and 80 future);80 future geographically assigned as follows:75% Pinehurst city limits, 15 % Pine Creek, 10% Rose Creek – Coeur d’Alene River; For estimating curtailment reductions,50% of the future change outs will apply to either sole source or economic hardship households	5	13	3	15	9
2018	10.95	Scenario 1 : Full RACM Full RACM – to evaluate how soon this will get us to compliance – sets the benchmark a. 101 woodstove changeouts (21 past and 80 future) b. Woodstove curtailment program applicable to entire NAA – trigger at 75% of the NAAQS c. Open burning curtailment program (all open burning categories) applicable to entire NAA – trigger at 75% of the NAAQS	2	3	1	2	2
2018	11.10	Scenario 2 : Pinehurst city limits only – both curtailment programs trigger at 85% of the NAAQS Pinehurst city limits only – both curtailment programs trigger at 85% of the NAAQS a. 101 woodstove changeouts (21 past and 80 future) b. Woodstove curtailment program applicable to only Pinehurst city limits c. Open burning curtailment program (all open burning categories) applicable to only within Pinehurst city limits	2	4	1	6	4
2018	11.03	Scenario 3 : Pinehurst city limits only – both curtailment programs trigger at 75% of NAAQS Pinehurst city limits only – both curtailment programs trigger at 75% of NAAQS a. 101 woodstove changeouts (21 past and 80 future) b. Woodstove curtailment program applicable to only Pinehurst city limits c. Open burning curtailment program (all open burning categories) applicable to only within Pinehurst city limits	2	4	1	6	4
2018	11.10	Scenario 4 : Within all city limits – Pinehurst, Smelterville, Kellogg, and Wardner – both curtailment programs trigger at 85% of the NAAQS Within all city limits – Pinehurst, Smelterville, Kellogg, and Wardner – both curtailment programs trigger at 85% of the NAAQS a. 101 woodstove changeouts (21 past and 80 future) b. Woodstove curtailment program applicable to only within all city limits c. Open burning curtailment program (all open burning categories) applicable to only within all city limits	2	4	1	5	4
2018	11.03	Scenario 5 : Within all city limits – Pinehurst, Smelterville, Kellogg, and Wardner only – both curtailment programs trigger at 75% of the NAAQ Within all city limits – Pinehurst, Smelterville, Kellogg, and Wardner only – both curtailment programs trigger at 75% of the NAAQ a. 101 woodstove changeouts (21 past and 80 future)	2	4	1	5	4

		b. Woodstove curtailment program applicable to only within all city limits c. Open burning curtailment program (all open burning categories) applicable to only within all city limits						
2018	11.06	Scenario 6 : Pinehurst city limits and Pine Creek control area – both curtailment programs trigger at 85% of the NAAQS Pinehurst city limits and Pine Creek control area – both curtailment programs trigger at 85% of the NAAQS a. 101 woodstove changeouts (21 past and 80 future) b. Woodstove curtailment program applicable to only within Pinehurst city limits and Pine Creek control area c. Open burning curtailment program (all open burning categories) applicable to Pinehurst city limits and Pine Creek control area	2	3	1	2	3	
2018	10.98	Scenario 7 : Pinehurst city limits and Pine Creek control area – both curtailment programs trigger at 75% of the NAAQ Pinehurst city limits and Pine Creek control area – both curtailment programs trigger at 75% of the NAAQ a. 101 woodstove changeouts (21 past and 80 future) b. Woodstove curtailment program applicable to only within Pinehurst city limits and Pine Creek control area c. Open burning curtailment program (all open burning categories) applicable to only within Pinehurst city limits and Pine Creek control area	2	3	1	2	3	
2018	11.17	Scenario 8 : Pinehurst city limits and Pine Creek control area (Open burning only)– Only open burning curtailment program trigger at 75% of the NAAQ Pinehurst city limits and Pine Creek control area (Open burning only)– Only open burning curtailment program trigger at 75% of the NAAQ a. 101 woodstove changeouts (21 past and 80 future) b. Open burning curtailment program (all open burning categories) applicable to only within Pinehurst city limits and Pine Creek control area	4	8	1	12	8	
2018	11.23	Scenario 9: Woodstove change-outs (80 + 21) and a Shoshone Fire protection district 2 open burning ordinance @ 85% of standard	5	12	1	14	9	
2018	11.19	Scenario 10: Woodstove change-outs (80 + 21) and a Shoshone County NAA area-wide open burning ordinance @ 85% of standard.	4	8	1	10	7	
2018	10.44	Scenario 11: All 188 Woodstove change-outs (153 woodstove to woodstove, 35 conversions to natural gas or electric – this is the total number of changeouts in the grant)	3	7	1	8	6	
2018	10.43	Scenario 12: Woodstove change-outs (188) and a Shoshone Fire protection district 2 open burning ordinance @ 85% of standard (153 woodstove to woodstove, 35 conversions to natural gas or electric – this is the total number of changeouts in the grant)	2	5	1	6	6	
2018	10.40	Scenario 13: Woodstove change-outs (188) and a Shoshone County NAA area-wide open burning ordinance @ 85% of standard	2	3	1	3	4	
2018	11.14	Scenario 14: Woodstove change-outs (80 + 21) and a Shoshone Fire protection district 2 open burning ordinance @ 85% of standard and WS curtailment at 100% of NAAQS (=35ug/m3)	2	3	1	2	4	
2018	10.42	Scenario 15: Woodstove change-outs (188) and a Shoshone Fire protection district 2 open burning ordinance @ 85% of standard and WS curtailment at 100% of NAAQS (=35ug/m3)	2	3	1	3	4	

2018	11.16	Scenario 16: Woodstove change-outs (80 + 21) and a Shoshone Fire protection district 2 open burning ordinance @ 85% of standard, 50% compliance; WS curtailment at 85% of NAAQS with 25% compliance (voluntary burn ban)	3	7	1	8	6
2018	11.12	Scenario 17: Woodstove change-outs (80 + 21) and a Shoshone County NAA area-wide open burning ordinance @ 85% of standard, 50% compliance; WS curtailment at 85% of NAAQS with 25% compliance (voluntary burn ban)	2	5	1	6	4