

Results of 2021 IMPROVE sampler audits

Site	Date	Issues/Notes	Follow up Required	Priority (H,M,L)	Actions Taken
Jarbidge Wilderness, NV	7/20/2021				
Hells Canyon, OR	7/21/2021	All Pass			
Starky, OR	7/22/2021	All Pass			
Columbia River Gorge	7/23/2021	Module A leak check fail	Y	L	report to UCD
White Pass, WA	7/26/2021	All Pass			
Mt Rainier, WA	7/27/2021	All Pass			
Mt Hood, OR	7/28/2021	All modules pass; trees are encroaching on inlets	Y	L	report to USFS
Three Sisters, OR	7/29/2021	Could not audit D channel because of wasps; everything else passed			
Crater Lake, OR	8/2/2021	All Pass			
Lava Beds, CA	8/2/2021	All Pass			
Trinity, CA	8/3/2021	All Pass			
Lassen Volcano, CA	8/5/2021	All Pass			
Bliss State Park, CA	8/5/2021	Could not remove D channel stack; everything else passed; temp site			
White River, CO	8/8/2021	D module flow rate failure measured 14.4 should be 16.9	Y	M	report to UCD
Southern Great Plains, OK	10/19/2021	Module D leak check fail.	Y	L	report to UCD
Hercules Glades (Rueter), MO	10/20/2021	Module A leak check fail			
Mingo NWR, MO	10/21/2021	All Pass			
Pittsburg, PA	10/25/2021	All Pass. Roof is rotted away			
Mohawk Mountain, Conn	10/26/2021	D module leak check failure	Y	L	report to UCD
Marthas Vineyard, MA	10/28/2021	All Pass			
Cape Cod, MA	10/29/2021	All Pass			
Casco Bay, ME	11/1/2021	Modules A&B leak checks failed	Y	L	report to UCD
Acadia, ME	11/2/2021	Module B leak check failed	Y	L	report to UCD
Penobscot, ME	11/2/2021	All Pass			
MooseHorn NWR, ME	11/3/2021	All Pass			
Presque Isle, ME	11/4/2021	Modules A&C leak checks failed	Y	M	report to UCD
Great Gulf, NH	11/8/2021				
Proctor Maple Research, VT	11/9/2021				
Londonderry, NH	11/10/2021				
Pack Monadnock, NH	11/10/2021				
Lybrook, VT	11/12/2021				
Detroit, MI	11/15/2021				

The audits performed in 2021 will leave 3 continental US sites to do: Montgomery, Atlanta, and Carlsbad Caverns. Also to do are Hawaii, Alaska, and the Virgin Islands. Auditing began in 2016 with a goal of visiting all sites within a ten year period. Even without site visits last year because of Covid, we are well ahead of schedule.

