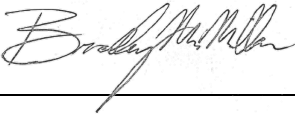




Department of Ecology Unmanned Aerial Systems (UAS)
Project Description and Checklist

Ecology Program	Administrative Services (Facilities)	
Project Title	Building Condition Survey	
Ecology Project Manager	James Brown	Phone: 360-789-4299
Ecology Unit Supervisor	Paul McKnight	Phone: 360-706-3167
Ecology Section Manager	Fran Huntington	Phone: 360-790-5728
Ecology Program Manager	Jim Pendowski	Phone: 360407-6829
Type of UAS operation (select one)	<input checked="" type="checkbox"/> Ecology owned and operated <input type="checkbox"/> Contracted <input type="checkbox"/> Volunteer (not an Ecology employee)	
UAS Pilot(s) in Command (if known)	James Brown	Phone: 360-789-4299
	FAA Remote Pilot Certified: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No* Ecology Certified: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No* <i>*if No, certification by both FAA and Ecology is required prior to approval of project</i>	
Reason for using UAS	Condition reports of Ecology facilities, is a necessary part of maintaining our properties. Use of a drone for building inspections allows for safe and efficient evaluation of building systems while minimizing risks associated with staff working on roofs and other dangerous building structures.	
Project Location	Padilla Bay Reserve, Mt Vernon WA Bellingham Field Office, Bellingham WA NWRO, Shoreline WA Headquarters, Lacey WA Vancouver Field Office, Vancouver WA ERO, Spokane WA CRO, Union Gap RFO, Richland WA Zosel Dam, Oroville WA	
Project Description/Purpose	Inspect and document current condition of building exterior systems, as part of the maintenance and repair process. Currently, facilities is limited in its ability to assess our building systems due to issues with safe access. Implimentation of a drone based inspection plan will allow the facilities dept to more closely manage maintenance, resulting in better management strategies.	
Scheduled Dates of Project	Start Date: 5/1/2023 End Date: 4/30/2024	
Does airspace require additional authorization by	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Airspace authorization is available through the ECY approved "Aloft" APP for all sites with the exception of BFO which requires approval directly with the FAA.	

FAA or Air Traffic Control (ATC)?		
Will UAS be used regularly during project?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Type of data to be collected		<input type="checkbox"/> Environmental monitoring <input checked="" type="checkbox"/> Mapping/Orthomosaic <input checked="" type="checkbox"/> Site Photos <input checked="" type="checkbox"/> Temperature/Thermal imaging <input checked="" type="checkbox"/> Structure-from-motion (SfM) <input checked="" type="checkbox"/> Photography/Videography <input type="checkbox"/> Lidar Other <i>Enter here</i>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> N/A	If applicable, Ecology has approved a Quality Assurance Project Plan (QAPP) for monitoring projects that include data collection with a UAS	
Project Checklist		
<input checked="" type="checkbox"/>	Pilot in command (PIC) has FAA Part 107 certification, and the training necessary to operate the UAS used in this project	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> N/A	Proper notification and permissions from air traffic control (ATC) were received if UAS flight will occur in airspace class B, C, D, or E airspace.	
<input checked="" type="checkbox"/>	PIC has reviewed and understands the Department of Ecology UAS Policy 22-06 (applies to Ecology employees only).	
<input checked="" type="checkbox"/>	PIC has provided the Project Manager with a copy of the UAS Standard Operating Procedure (SOP).	
<input checked="" type="checkbox"/>	PIC has read The National Telecommunications and Information Administration's (NTIA) document "Voluntary Best Practices for UAS Privacy, Transparency, and Accountability"	
Signatures		
Ecology UAS Coordinator: 		Date 4/12/23
Ecology Project Manager: <i>James Brown</i>		Date 4/6/2023
Ecology Supervisor or Manager: <i>Paul WE McKnight</i>		Date 4/6/2023
Ecology Program Manager: <i>James J Rendowski</i>		Date 4/11/2023
Ecology Deputy Directory:		Date 4/14/2023

NOTE: Proper documentation of project and UAS use must be included on Ecology's [Drones - Washington State Department of Ecology](#) website after approval of this checklist and project according to Ecology's UAS Policy 22-06

ADA Accessibility

The Department of Ecology is committed to providing people with disabilities access to information and services by meeting or exceeding the requirements of the Americans with Disabilities Act (ADA), Section 504 and 508 of the Rehabilitation Act, and Washington State Policy #188.

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