



A PDF text file of the project's approved environmental compliance package containing the letter of compliance completion, categorical exclusion form, environmental screening form, and any other associated environmental clearance forms, as applicable (e.g., Wilderness Minimum Requirement Analysis, Wild and Scenic River Section 7 Analysis). The signed originals of the package are on file in the Environmental Planning and Compliance Office at Yosemite National Park.

## Categorical Exclusion Documentation Form (CE Form)

**Project:** Install Air Quality Monitoring Backup System at Yosemite Valley Visitor Center

**PEPC Project Number:** 104278

**Description of Action (Project Description):**

This California Air Resources Board (CARB) project will establish an air quality monitoring backup system in the event of Public Safety Power Shutoffs (PSPS). The system will continuously provide backup PM 2.5 data for Yosemite Valley during wildfire/smoke events.

CARB staff will install the equipment. The sensor, battery, inverter, and cell modem will be installed in the pump house located on the southeast corner of the Valley Auditorium roof. The 2' x 5' solar panel would be located ~20' north of the pump house on the ridge of the roof. Flexible conduit would be run from the solar panel to the hardware in the pump house. The solar panel is not to exceed 2' in height above the ridge of the roof, and will be mounted on an aluminum frame. The frame will be secured with sandbags, the total weight of which will be approximately 55 pounds.

Proposed materials: Purple Air PM2.5 sensor, 2' x 5' Solar Panel, Battery, Inverter, CradlePoint Cell Modem, Flexible Conduit. Solar panel will be mounted to minimize visibility from the ground.

**Mitigation(s):** See Letter of Compliance Completion Form for mitigations.

**CE Citation:** E.5 Nondestructive data collection, inventory (including field, aerial, and satellite surveying and mapping), study, research, and monitoring activities.

**CE Justification:**

**Decision:** I find that the action fits within the categorical exclusion above. Therefore, I am categorically excluding the described project from further NEPA analysis. No extraordinary circumstances apply.

**Superintendent:** \_\_\_\_\_  
Cicely Muldoon, Superintendent

**Date:** \_\_\_\_\_  
October 20, 2021

*The signed original of this document is on file at the  
Environmental Planning and Compliance Office in  
Yosemite National Park.*

**Extraordinary Circumstances:**

If implemented, would the proposal...	Yes/No	Notes
<b>A.</b> Have significant impacts on public health or safety?	No	Data collected via this sensor will help protect public health and safety by providing real time air quality information.
<b>B.</b> Have significant impacts on such natural resources and unique geographic characteristics as historic or cultural resources; park, recreation, or refuge lands; wilderness areas; wild or scenic rivers; national natural landmarks; sole or principal drinking water aquifers; prime farmlands; wetlands (Executive Order 11990); floodplains (Executive Order 11988); national monuments; migratory birds; and other ecologically significant or critical areas?	No	
<b>C.</b> Have highly controversial environmental effects or involve unresolved conflicts concerning alternative uses of available resources (NEPA section 102(2)(E))?	No	
<b>D.</b> Have highly uncertain and potentially significant environmental effects or involve unique or unknown environmental risks?	No	
<b>E.</b> Establish a precedent for future action or represent a decision in principle about future actions with potentially significant environmental effects?	No	
<b>G.</b> Have significant impacts on properties listed or eligible for listing on the National Register of Historic Places, as determined by either the bureau or office?	No	
<b>H.</b> Have significant impacts on species listed or proposed to be listed on the List of Endangered or Threatened Species, or have significant impacts on designated Critical Habitat for these species?	No	
<b>I.</b> Violate a federal, state, local or tribal law or requirement imposed for the protection of the environment?	No	
<b>J.</b> Have a disproportionately high and adverse effect on low income or minority populations (EO 12898)?	No	
<b>K.</b> Limit access to and ceremonial use of Indian sacred sites on federal lands by Indian religious practitioners or adversely affect the physical integrity of such sacred sites (EO 130007)?	No	
<b>L.</b> Contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area or actions that may promote the introduction, growth, or expansion of the range of such species (Federal Noxious Weed Control Act and Executive Order 13112)?	No	



National Park Service  
U.S. Department of the Interior

Yosemite National Park  
Date: 10/08/2021

---

## ENVIRONMENTAL SCREENING FORM (ESF)

Updated Sept 2015 per NPS NEPA Handbook

### A. PROJECT INFORMATION

<b>Project Title:</b>	Install Air Quality Monitoring Backup System at Yosemite Valley Visitor Center
<b>PEPC Project Number:</b>	104278
<b>Project Type:</b>	Communications (CM)
<b>Project Location:</b>	
<b>County, State:</b>	Mariposa, California
<b>Project Leader:</b>	James Soldenwagner

### B. PROJECT DESCRIPTION

See Categorial Exclusion form.

### C. RESOURCE IMPACTS TO CONSIDER:

Resource	Potential for Impact	Potential Issues & Impacts
<b>Air</b> Air Quality	None	
<b>Biological</b> Nonnative or Exotic Species	None	
<b>Biological</b> Species of Special Concern or Their Habitat	None	
<b>Biological</b> Vegetation	None	
<b>Biological</b> Wildlife and/or Wildlife Habitat including terrestrial and aquatic species	None	

<b>Cultural</b> Archeological Resources	None	
<b>Cultural</b> Cultural Landscapes		
<b>Cultural</b> Ethnographic Resources	None	
<b>Cultural</b> Museum Collections	None	
<b>Cultural</b> Prehistoric/historic structures	Potential	Issue: Solar panel will be installed on the roof of a historic building.  Impact: Visual impact which will be minimized by locating the panel as far away from the line of sight as possible.
<b>Geological</b> Geologic Features	None	
<b>Geological</b> Geologic Processes	None	
<b>Lightscares</b>	None	
<b>Other</b> Human Health and Safety	None	
<b>Other</b> Operational	None	
<b>Other</b>	None	
<b>Socioeconomic</b> Land Use	None	
<b>Socioeconomic</b> Minority and low-income populations, size, migration patterns, etc.	None	
<b>Socioeconomic</b>	None	
<b>Soundscapes</b>	None	
<b>Viewsheds</b>	Potential	Issue: Solar panel may be visible from certain vantage points in the historic district.  Impact: PM will work with Historic Architect to best place equipment to minimize visibility.
<b>Visitor Use and Experience</b> Recreation Resources	None	
<b>Visitor Use and Experience</b>	None	

<b>Water</b> Floodplains	None	
<b>Water</b> Marine or Estuarine Resources	None	
<b>Water</b> Water Quality or Quantity	None	
<b>Water</b> Wetlands	None	
<b>Water</b> Wild and Scenic River	None	
<b>Wilderness</b>	None	



## Other Compliance/Consultations Form

**Park Name:** Yosemite National Park

**PEPC Project Number:** 104278

**Project Title:** Install Air Quality Monitoring Backup System at Yosemite Valley Visitor Center

**Project Type:** Communications

**Project Location:**

**County, State:** Mariposa, CA

**Project Leader:** James Soldenwagner

### ESA

<b>Any Federal Species in the project Area?</b> No			
<b>If species in area:</b> No Effect			
<b>Was Biological Assessment prepared?</b>			
<b>If Biological Assessment prepared, concurred?</b>			
<b>Formal Consultation required?</b> No			
<b>Formal Consultation Notes:</b>			
<b>Formal Consultation Concluded:</b>			
<b>Any State listed Species in the Project Area?</b> No			
<b>Consultation Information:</b>			
<b>General Notes:</b>			
<b>Data Entered By:</b>	Viktoriya Sirova	<b>Date:</b>	Oct 8, 2021

### ESA Mitigations

*No ESA mitigations are associated with this project.*

### Floodplains/Wetlands/§404 Permits

Question	Yes	No	Details
A.1. Is project in 100- or 500-year floodplain or flash flood hazard area?	Yes		Determined to be exempt from compliance with Director's Order #77-2 and no Floodplain Statement of Findings required.
A.2. Is Project in wetlands as defined by NPS/DOI?		No	Not in wetland as defined by NPS/DOI.
B. COE Section 404 permit needed?		No	No placement of fill in waters of the United States.
C. State 401 certification?		No	

D. State Section 401 Permit?		No	Issue Date: Expiration Date:
E. Tribal Water Quality Permit?		No	
F. CZM Consistency determination needed?		No	Date Review Requested: Date Reply Received: Date State Concurred:
G. Erosion & Sediment Control Plan Required?		No	
H. Any other permits required?		No	Permit Information:
Other Information:			
Data Entered By:	Melissa Booher		Date: Sep 2, 2021

### Flood Plains & Wetlands Mitigations

*No Floodplains & Wetlands mitigations are associated with this project.*

### Wilderness

Question	Yes	No	
A. Does this project occur in or adjacent to Designated, Recommended, Proposed, Study, Eligible, or Potential Wilderness?		No	
B. Is the only place to conduct this project in wilderness?		No	
C. Is the project necessary for the administration of the area as wilderness?		No	
D. Would the project or any of its alternatives adversely affect (directly or indirectly) Designated, Recommended, Proposed, Study, Eligible, or Potential Wilderness? (If Yes, Minimum Requirements Analysis required)		No	
E. Does the project or any of its alternatives involve the use of any of the Wilderness Act Section 4(c) prohibited uses: commercial enterprise, permanent road, temporary road, motor vehicles, motorized equipment, motorboats, landing of aircraft, mechanical transport, structure, or installation? (If Yes, Minimum Requirements Analysis required)		No	
If the answer to D or E above is "Yes" then a Minimum Requirements Analysis is required. Describe the status of this analysis in the column to the right.			Initiation Date: Completed Date: Approved Date:
Other Information:			
Data Entered By:	Melissa Booher		Date: Sep 2, 2021

**Other Permits/Laws** *Questions A & B are no longer used.*

Question	Yes	No
C. Wild and scenic river concerns exist?		No
D. National Trails concerns exist?		No
E. Air Quality consult with State needed?		No
F. Consistent with Architectural Barriers, Rehabilitation, and Americans with Disabilities Acts or not Applicable? (If N/A check Yes)	Yes	
G. Other:		

Data Entered By:	Melissa Booher	Date:	Sep 2, 2021
---------------------	----------------	-------	-------------