

**Project Definition:** The entire collection for a contracted area.

**Work Unit Definition:** A production block of data defined by the National Geospatial Technical Operations Center due to expediency, priority or resource allocation. There can be one or many work units per project.

## Project Information

Project ID: 198367

<b>Lidar Base Specification:</b> 2.1	<b>Primary Contractor:</b> NV5 Geospatial, Inc
<b>Las Version:</b> 1.4	<b>Contract Mechanism:</b> GPSC
<b>P Method:</b> 7 - Linear-Mode Lidar	<b>Hydro Treatment:</b> hydro-flattened
<b>Collection Start Date:</b> 10-27-2020	<b>Collection End Date:</b> 10-30-2020
<b>The National Map Email:</b> tnm_help@usgs.gov	

## Vertical Accuracy Results

<a href="#">The U.S. Geological Survey evaluates absolute vertical accuracy of the lidar and lidar-derived bare earth DEM data at the project level</a>	Lidar Point Cloud		Digital Elevation Model	
	Required Value (cm)	Tested Value (cm)	Required Value (cm)	Tested Value (cm)
<b>Non-Vegetated Vertical Accuracy</b> 95-percent confidence level	19.6	6.43	19.6	6.78
<b>Vegetated Vertical Accuracy</b> 95th Percentile	N/A	19.93	30.0	19.01

Please see the vertical\_accuracy folder within the project metadata for more information.

## Classifications Used

Classification verification is limited to the minimum required by applicable Lidar Base Specification. Classifications beyond the minimum are not verified by USGS.	
Classification ID	Classification Type
1	Processed, but unclassified
2	Bare earth
7	Low noise
9	Water
17	Bridge deck
18	High noise
20	Ignored ground (typically breaklines proximity)

## Sensor(s) Used

Sensor
Riegl VQ-1560i - Aerial Oscillating Mirror

## Work Unit Information

<a href="#">WA_Pasco_1_2020</a>	<b>Work Unit ID:</b> 198364	<b>Quality Level:</b> 1
<b>Horizontal EPSG Code:</b> 6340	<b>Vertical EPSG Code:</b> 5703	<b>Geoid Model:</b> GEOID 18
<b>DEM Ground Sample Distance:</b> 0.5 meters		
<b>Collection Start Date:</b> 10-27-2020	<b>Collection End Date:</b> 10-30-2020	