

AB 617 Implementation Funds Annual Report

I.	Report Number:	G18-CAPP-13 2021
	Title:	Community Air Protection Program
	Reporting Period:	Final Report
	Name of Grantee:	Lake County Air Quality Management District
	Grant Number:	G18-CAPP-13
	Date of Submission:	6/22/21

II.	<p>Costs associated with specific tasks: <i>(for example: identifying location for monitoring, deploying community air monitoring systems, fence- line monitoring, reporting emissions, developing a community emissions reduction program, establishing best available retrofit control technology requirements, adopting an expedited schedule for the implementation of best available retrofit control technology, community meetings or other Community Air Protection implementation efforts and outreach). Information for outreach events must include the date, location, topics, and number of attendees, for each event.)</i></p>
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Purchase and installation of Clarity nodes for PM2.5 and NOx monitoring. These are to be installed throughout the County at locations not previously accessible due to power or network needs. These will monitor in low income communities for smoke, vehicle, and industrial impacts to help identify areas of concern for further evaluation. Includes staff time for purchase, equipment testing and calibration verification and installation.

III.	<p>How is grant being utilized to meet goals of AB 617: <i>(if applicable, include emissions reductions being achieved)</i></p>
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These monitors will evaluate potential impacts within low income communities, not just from wildfires, but from vehicles and industrial sources. The units are easy to relocate and are self contained, so they can be used to isolate areas of impact and track the source so it can be dealt with to prevent further community impacts.

IV.	Summary of work completed and in progress since the last progress report:
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All nodes have been ordered, and are pending delivery. Staff is developing a side by side testing stand to evaluate the nodes and verify operability and potential correction factor. Deployment will follow within 2 weeks.

V.	Grant funds remaining and expended:
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All funds liquidated.

VI.	Expenditure summary showing all Community Air Protection Program Implementation Funds for which reimbursement is being requested:
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Expenditure summary on next page - A1

Task / Purchase	Cost
Purchase of Clarity Node Contract for 8 nodes measuring PM2.5 and NOx.	20967
Purchase process, developing equipment testing and verification equipment, installation location evaluations. (installation and moving of equipment as priority areas change or to follow up on issues found will be continuously evaluated and covered by the District later.)	4094.91
County Administrative charges (treasury, auditor, etc.... A-87 costs)	TBD
Total:	25061.91