



Monterey Bay Air Resources District
BOARD OF DIRECTORS MEETING

STEVE MCSHANE, CHAIR

WEDNESDAY, SEPTEMBER 15, 2021 - 1:30 P.M.

24580 SILVER CLOUD COURT, 3RD FLOOR, MONTEREY, CA, 93940

HYBRID (IN-PERSON/VIRTUAL) MEETING

REMOTE MEETING OPTION VIA ZOOM

Link to meeting: <https://us02web.zoom.us/j/86156253786>

Webinar ID: 861 5625 3786

By phone, audio only (webinar ID required): 1-669-900-6833

Pursuant to Governor Newsom's Executive Order N-29-20, as amended through Order N-08-21, Board of Director meetings will be held as hybrid meetings with the option to attend by teleconference/video conference or in person. Members of the public that wish to attend and/or participate in a meeting may do so in person or by joining the Zoom Meeting ID. Should you have any questions, please contact Sirie Thongchua, Executive Assistant, at 831-718-8028 or by email at sirie@mbard.org.

To Provide Public Comment in Person: Any person may address the Board during the Public Comment Period. Comments must be addressed directly to the Board, should not exceed three minutes, must be directed to an item not on today's agenda, and should be within the jurisdiction of the Board. Board Members will not take action or respond to any public comments presented, but may choose to follow up at a time, either individually or on a subsequent agenda. Comments to staff must be made through the Board who will then direct staff as it deems appropriate.

To Provide Public Comment via Zoom teleconference/video conference: During the meeting live verbal public comments may be made by members of the public joining the meeting via Zoom. Zoom access information is provided above. Use the "raise hand" feature (for those joining by phone, press *9 to "raise hand") during the public comment period for the agenda item you wish to address. Members of the public participating via Zoom will be muted during the proceedings and may be unmuted to speak during public comment after requesting and receiving recognition by the Chair. Please clearly state your full name for the record at the start of your public comment.

Before the Meeting: Persons who wish to address the Board for public comment of an item not on the agenda are encouraged to submit comments in writing to Sirie Thongchua, Executive Assistant, at sirie@mbard.org by 5:00 p.m. on Monday, September 13, 2021. Comments received will be distributed to the Board prior to the meeting.

Summary of Actions

1. CALL TO ORDER – **The meeting was called to order by Vice Chair Coonerty at 1:30 p.m.**
2. PLEDGE OF ALLEGIANCE
3. ROLL CALL - **Present:** Chris Lopez, Jack Dilles, John Phillips, Kollin Kosmicki, Mary Ann Carbone, Mike LeBarre, Ryan Coonerty, Sam Storey, Wendy Root Askew, Zach Friend.
Excused Absent: Steve McShane.
4. PUBLIC COMMENT – **None.**
5. REPORTS BY COMMITTEE CHAIRS ON COMMITTEE MEETINGS
 - a. Budget, Personnel, and Nominating Committee (No meeting)
 - b. Advisory Committee (No meeting)
6. COMMENTS AND REFERRALS FROM CHAIR AND BOARD MEMBERS
7. REPORT FROM AIR POLLUTION CONTROL OFFICER
Richard Stedman, APCO, reported on the following:
 - Advisory Committee
 - The Advisory Committee did not meet this month
 - District Business
 - New Recruitments Underway
 - We are currently recruiting for an Air Quality Engineer. We received 5 applications by the announcement closing date and will be moving forward with the interview process. As a reminder, Alan Romero will be retiring in January. This is his last AB 2766 presentation. We will be starting a recruitment for Alan’s position in the next few months.
 - Engineering
 - We are making progress in our new database Accela. Since we went live in July, we have received 80% of our asbestos notifications through the online application portal. We are using the asbestos notifications to help us understand how our internal processes differ when information and payments are received online. This experience will help us as we rollout accepting permit applications online.
 - Marina Odor Complaints – We received one odor complaint on August 27 from the Susan Avenue neighborhood. The complainant described it as a sweet, sour compost odor. We followed our normal process to email the complaint to the operators, Monterey County Environmental Health, and Ag Commissioner’s office.

Planning and Air Monitoring

- The Woodstove Change Out Program, which incentivizes the replacement of non-EPA certified woodstoves with cleaner burning alternatives such as natural gas and propane, has received 128 applications, 7 of which are low income. All \$159,000 in project funds have been obligated and a waiting list has been established.
- The Monterey Bay Electric Vehicle Incentive Program, which provides residents with an incentive to purchase new and used all-electric or plug-in electric vehicles is continuing with 31 applications received, \$44,300 obligated, and \$405,700 remaining.
- The San Lorenzo Valley seasonal monitoring network will be installed next month to measure elevated wintertime concentrations of wood smoke from fireplaces and chimneys.
- Air monitoring staff have begun installing the Wildfire Smoke Sensor Network. This network uses Clarity sensors which are self-contained units that use solar panels and batteries for power and a cellular network to send data remotely. This network will expand the availability of monitoring data when wildfire smoke impacts our region, provides an opportunity to collect data in disadvantaged communities and low-income areas, and can be expanded for use in the SLV for the Spare the Air program.

Outreach

- Sirie has been getting our social media up to speed and visible. In addition to Facebook, we are now on Instagram and Twitter. We hope to go fully automated in October.

CONSENT AGENDA

Motion: Approve items on the Consent Agenda. **Action:** Approve. **Moved by** Chris Lopez, **Seconded by** Wendy Root Askew.

Vote: Motion carried by unanimous roll call vote (**summary:** Yes = 10).

Yes: Chris Lopez, Jack Dilles, John Phillips, Kollin Kosmicki, Mary Ann Carbone, Mike LeBarre, Ryan Coonerty, Sam Storey, Wendy Root Askew, Zach Friend. **Absent:** Steve McShane.

8. **Accepted and Filed** Summary of Actions for the August 18, 2021, Board of Directors Meeting
9. **Received and Filed** Budget to Actual Report for the Second Month Ended August 31, 2021
10. **Accepted and Filed** Report of Summary of Mutual Settlement Program Actions for August 2021

REGULAR AGENDA

11. **Received** a Presentation on AB 617 Community Air Protection Program
Receive the presentation only. No action required or taken.

12. **Received** an Update on the District's Air Toxics Program
Receive the presentation only. No action required or taken.
13. **Resolution No. 21-015: Adopted** a Resolution Allocating \$1,700,000 to the FY2021-22 AB2766 Motor Vehicle Emissions Reduction Grant Program and Authorizing the Air Pollution Control Officer to Grant up to \$1,200,000 to the Attached List of FY2021-22 AB2766 Staff Recommended Grant Awards and up to \$500,000 for the Monterey Bay Electric Vehicle Incentive Program
Motion: *Adopt the Resolution. Action: Approve. Moved by Wendy Root Askew, Seconded by Sam Storey.*
Vote: *Motion carried by unanimous roll call vote (summary: Yes = 10).*
Yes: *Chris Lopez, Jack Dilles, John Phillips, Kollin Kosmicki, Mary Ann Carbone, Mike LeBarre, Ryan Coonerty, Sam Storey, Wendy Root Askew, Zach Friend. Absent: Steve McShane.*
14. Adjournment – **The meeting was adjourned at 2:42 p.m.**

Sirie Thongchua
Executive Assistant

AB617 Community Air Protection Program

AMY CLYMO
ENGINEERING AND COMPLIANCE MANAGER
DAVID FRISBEY
PLANNING AND AIR MONITORING MANAGER
SEPTEMBER 15, 2021



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Outline

- Review AB 617
- Implementation Grants
- Incentive Grants



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Assembly Bill 617

- Approved July 26, 2017
- Community Air Protection Program
 - Focus on emissions reductions in disadvantaged communities (DACs)
 - Reduce emissions where there is a high air pollution burden



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Assembly Bill 617 Overview

- Accelerated retrofit of pollution controls on industrial facilities
- Stationary source emission reporting requirements
- Community-level air monitoring
- Community emissions reduction programs
 - Incentives to reduce air pollution in impacted communities



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Community Identification

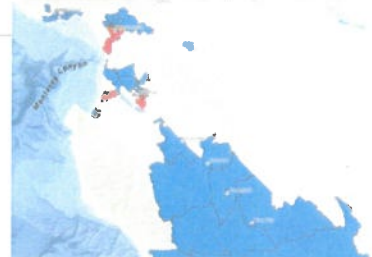
Disadvantaged Communities - SB535

- [California Code of Regulations 3.6 Air Quality](#)
- Scored by Multiple Factors:
 - Pesticides
 - Housing burden
 - Impaired water
 - Poverty
 - Unemployment
 - Ozone, PM2.5
- 25% highest scoring census tracts
- Low-income Communities – AB1550
 - < or = 80% of the statewide median income



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CAPP Priority Areas



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Implementation Grants

- Funds provided by CARB to air districts for implementation of AB617 and may support:
 - Development and implementation of expedited BARCT schedule
 - Developing rules
 - Community air monitoring
 - Improving community capacity to participate
 - Reporting



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Implementation Grant Funds

- Received four implementation grants:
 - Cover time period 2018 through 2023
 - \$370,898 reimbursed, \$188,150 remaining

BARCT Schedule



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Accelerated Retrofit - Industrial Facilities

- Best Available Retrofit Control Technology (BARCT)
- Emission limitation that is based on the maximum degree of reduction achievable, taking into account environmental, energy, and economic impacts by each class or category of source (Health and Safety Code Section 40406)
- Districts to adopt expedited schedule by January 1, 2019 and implement by December 31, 2023
 - Board adopted on November 14, 2018



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Emission Reporting Requirements

- Initial version of regulation adopted in 2019 by the California Air Resources Board
 - Effective on January 1, 2020
- Amendments adopted November 19, 2020
 - Lowered applicability threshold
 - Added hundreds of chemicals
 - 15-day revision approval expected early 2022



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Community Air Monitoring

- Deploying Clarity air sensors throughout the three counties
- Multi-Purpose
 - Placement of monitors in DACs and low-income areas
 - Wildfire Smoke Monitoring Network
 - Replace the San Lorenzo Valley seasonal monitors with year-around monitoring

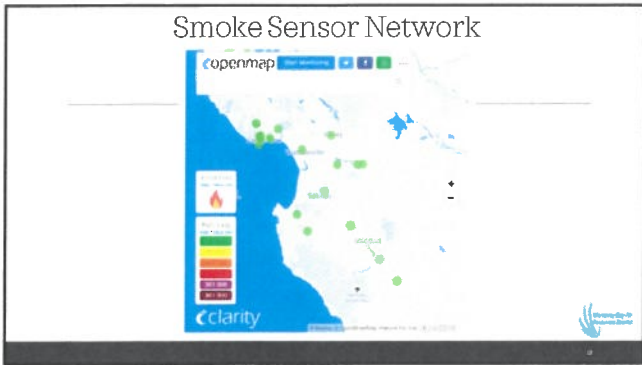


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Clarity Sensor



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Incentive Grants

- Early actions to reduce emissions and improve public health in communities with high burdens of cumulative pollutant exposure
- Greenhouse Gas Reduction Funds
- Equipment replacement grants similar to the Carl Moyer Program
- Use Moyer Guidelines
- Prioritize zero emission vehicles or infrastructure whenever feasible in Year 3
- Conduct Community Outreach

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AB 617 Incentive Grant Awards

- Year 1 - \$655,000
- Year 2 - \$1,638,062
- Year 3 - \$1,289,878
- Year 4 - Not funded - Up to CARB/CAPCOA

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Allowable AB 617 Project Types

- Mobile source projects - Moyer Program
- Zero-emission vehicle charging infrastructure
- Stationary source equipment replacement
- Community-identified

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CAPP Projects Funded

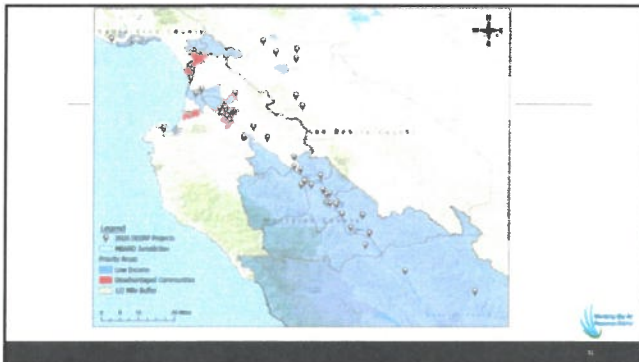
Grantee	Grant	C/E (\$/Ton)	Emiss. Red.	DAC	LI	Location
Merrill Farms	\$233,090.00	\$17,796.21	4.47	Yes	Yes	Salinas
Merrill Farms	\$233,090.00	\$34,913.15	2.40	Yes	Yes	Salinas
KL Farms	\$207,511.00	\$10,053.52	5.07	Yes	Yes	Moss Landing
Stratus Leasing	\$239,589.00	\$21,749.88	3.55	Yes	Yes	Salinas
Stratus Leasing	\$239,769.00	\$25,813.61	3.16	Yes	Yes	Salinas
Boutonneil Farms	\$202,140.00	\$24,193.00	3.10	Yes	Yes	Salinas
H. Hibino Farms	\$243,108.00	\$28,838.18	2.16	No	Yes	Salinas
JV Farms Organic	\$199,703.00	\$10,268.17	6.61	No	Yes	Greenfield
Invest Crew	\$54,108.00	\$4,451.87	4.18	No	Yes	Greenfield

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Potential CAPP Year 3 On-Road Projects

Applicant	Address	County	Vehicle Type	Replacement Vehicle	DAC/LIC Puffer Truck Ranking	Project Cost	CAPP Max Potential Award
City of Watsonville	320 Harvest Drive, Watsonville 95076	Santa Cruz	Refuse Hauler	Lion 8 ASL	1	\$ 707,963.00	\$ 81,329.37
Monterey COE	901 Blanco Circle, Salinas 93901	Monterey	School bus	Bluebird T3RE D	2	\$ 398,873.00	\$ 60,800.95
Salinas UHSD	13 Villa Street, Salinas 93901	Monterey	School bus	Bluebird T3RE D	3	\$ 422,134.00	\$ 336,033.11
Monterey COE	901 Blanco Circle, Salinas 93901	Monterey	School bus	Lion A	4	\$ 401,026.00	\$ 400,000.00
Salinas UHSD	13 Villa Street, Salinas 93901	Monterey	School bus	Microbird G5	5	\$ 288,799.85	\$ 71,038.63

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Questions?



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Air Toxics Program Update

AMY CLYMO
ENGINEERING AND COMPLIANCE MANAGER
SEPTEMBER 15, 2021



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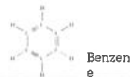
Outline

- What is an Air Toxic?
- Air Toxics “Hot Spots” Act
- Implementation Timeline



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What is an Air Toxic?



- Federal HAP (Hazardous Air Pollutant)
 - An air pollutant listed under section 112 (b) of the Federal Clean Air Act as particularly hazardous to health.
- State TAC (Toxic Air Contaminant)
 - An air pollutant, identified in regulation by the California Air Resources Board, which may cause or contribute to an increase in deaths or in serious illness, or which may pose a present or potential hazard to human health.



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Air Toxics “Hot Spots”

- In 1987, the California legislature adopted the Air Toxic “Hot Spots” Information and Assessment Act (AB2588).
- Goals of the act:
 - Collect toxic air contaminant (TAC) emissions;
 - Identify facilities having localized impacts;
 - Determine health risks; and
 - Notify affected individuals.



4

What Does AB2588 Require?

- Facilities to report of types and quantities of certain toxic substances routinely or predictably emitted;
- Air Districts to determine whether or not a health risk assessment (HRA) must be conducted for the facility;
- HRAs be conducted according to methods developed by the Office of Environmental Health Hazard Assessment (OEHHA);
- Public be notified of significant risk posed by nearby facilities, and;
- Facilities posing significant risks to prepare and implement risk reduction audits within 6 months of determination.



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What is the Air Toxics “Hot Spots” Process?

- Applicability
- Emission Inventory Plans and Reports
- Risk Assessment
- Public Notification
- Risk Reduction



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Prioritization Score (PS)

- If $PS \geq 10$, the facility must prepare and submit a health risk assessment (HRA) to MBARD within 150 days.
- If PS is between 1 and 10, the facility must submit an updated EI every 4 years.
- If $PS \leq 1$, the facility is exempt.

Prioritization Score (PS)		
High	Intermediate	Low
$PS \geq 10$	$1 < PS < 10$	$PS \leq 1$



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Public Notification

- For facilities with $PS \geq 10$, notification triggered when HRA results exceed values in table below:

Significant Risk Threshold	
Cancer Risk	> 10 in a million
Chronic Risk Index	> 1
Acute Risk Index	> 1



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Risk Reduction

- When HRA results exceed public notification thresholds, this also triggers requirement for risk reduction plan.
- Conduct an airborne toxic risk reduction audit and develop a plan to implement risk reduction measures.
- Submit plan to MBARD within 6 months of the high risk determination.
- The plan must describe the risk reduction methods the facility will use to reduce its risk below the level of significance within five years.



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Current Activities

- Working on source categories: Hospitals, asphalt batch plants, wastewater treatment facilities, military installations
 - Hospital HRAs submitted to OEHHA for review
- CARB updating Emission Inventory Criteria and Guidelines Report and adding hundreds of substances
 - CARB Board approval in November 2020 with criteria emission reporting regulation, final approval expected early 2022.



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Future Activities

- Complete the remaining > 10 ton per year sources in progress (Chevron, Graniterock, Lhoist, Pacific Scientific, and Trical)
- Complete source categories: Aggregate operations, wastewater treatment facilities, military installations.
- Begin gas stations once CARB approves the industrywide guidance document.



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Questions?



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FY 2021-22 AB2766 Motor Vehicle Emission Reduction Program

Alan Romero, Air Quality Planner III
September 15, 2021
Hybrid Board of Directors Meeting



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FY2021-22 AB2766

- Clean Air Management Program (CAMP): \$1.2M
 - Roundabout Design and Construction
 - Adaptive Traffic Signal Control
 - Advanced Clean Transportation (Medium to Heavy-Duty Trucks)
- Clean Vehicle Program: \$500K
 - Electric Vehicle Incentive Program (EVIP) for residents in Santa Cruz, San Benito and Monterey Counties
 - All electric and Plug-In Hybrid light duty vehicles
 - Electric bicycles




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FY2021-22 AB2766

➤ Clean Vehicle Program, continued

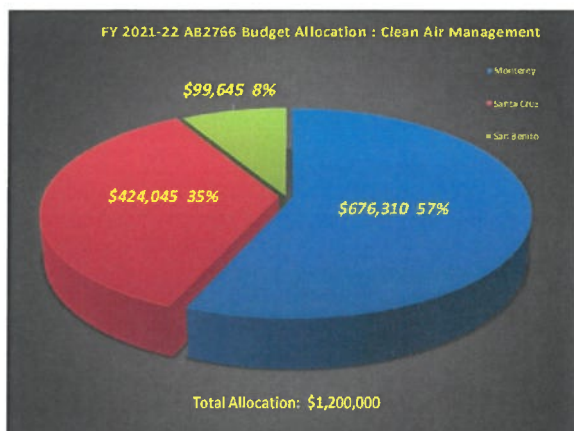
- EVIP Total Allocation: \$500,000
 - Light-Duty Vehicle Incentive Allocation \$450,000
 - All Electric \$1500
 - Used Electric \$1000
 - Plug-In Hybrid \$ 750
 - Used PHEV \$ 500
 - Electric Bicycle Incentive Allocation \$50,000
 - Low-Income qualified only \$1000
 - E-bicycle price bracket \$1000 - \$4000
 - Purchase from authorized dealers only



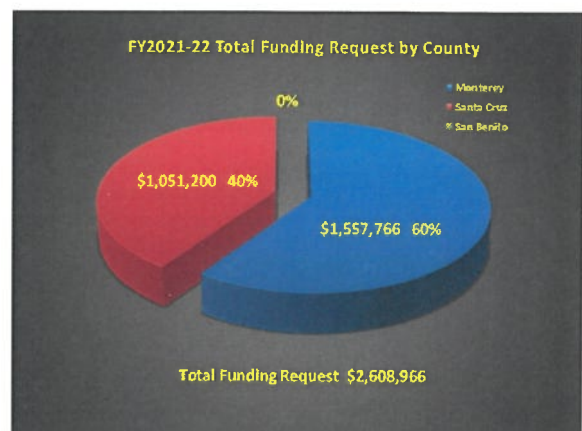
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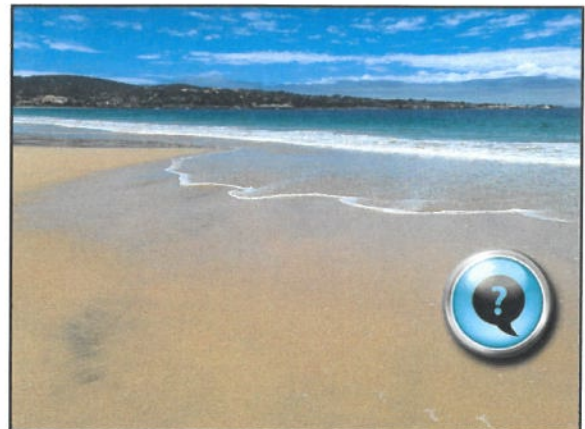
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AB2766 FY2021-22: Staff Recommendations for Grant Projects

App No.	County	Applicant Name	Project Description	Grant Award	C/S/ton	Actual Costs reflected
22-01	Monterey	MST	New Transit Electric Bus	\$900,000	\$80,807	0.40
22-02	Monterey	Monterey City Disposal	Class 8 Electric Refuse Hauler	\$900,000	\$80,864	0.40
22-08	Santa Cruz	City of Watsonville	Class 8 Electric Refuse Hauler	\$300,000	\$497,181	0.06
22-07	Santa Cruz	City of Santa Cruz	E-Fleet Replacement	\$300,000	\$579,759	0.06
Sub Total				\$1,200,000		
Grand Total				\$1,200,000		
FY21/22 Budget				\$1,200,000		



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